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October 17, 2016

VIA ELECTRONIC FILING

Hon. Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

Re: Public Service Electric and Gas Company
Docket No. ER09-1257-000
Informational Filing of 2017 Formula Rate Annual Update

Dear Secretary Bose:

Pursuant to the Formula Rate Implementation Protocols (“Protocols”) of Public Service Electric and Gas Company (“PSE&G”) contained in Attachment H-10B of the PJM Interconnection, L.L.C. (“PJM”) Open Access Transmission Tariff (“OATT”), PSE&G submits its Formula Rate Annual Update (“Annual Update”) for 2017. This 2017 Annual Update sets forth PSE&G’s annual transmission revenue requirement calculated in accordance with its Formula Rate for network transmission service under the PJM OATT for the period commencing January 1, 2017 to and including December 31, 2017. The 2017 Annual Update also includes a True-up Adjustment for the 2015 Rate Year (January 1, 2015 to and including December 31, 2015).

In accordance with the Protocols, this submission is provided to the Federal Energy Regulatory Commission for informational purposes only and requires no action by the Commission. As required by the Protocols, PSE&G is also providing a copy of this filing to PJM for posting on the PJM website. Exhibit 1 of this filing includes a copy of PSE&G’s 2017 Annual Update. Consistent with the Commission Staff’s Guidance on Formula Rate Updates, PSE&G is submitting the formula rate template and additional exhibits in Microsoft Excel format.

In addition to PSE&G’s 2017 Annual Update formula rate template, PSE&G also submits Workpaper 1, which contains additional supporting information pursuant to Commission Staff’s Guidance on Formula Rate Updates for the computation of accumulated deferred income taxes (“ADIT”).

In 2015, the Internal Revenue Service (“IRS”) issued several private letter rulings (“PLRs”) regarding the computation of ADIT that is applied to reduce rate base. Based on the guidance in those PLRs, PSE&G determined that it must use the IRS proration

rules, set forth in Internal Revenue Code (“IRC”) regulation section 1.167(l)-1(h)(6), to calculate projected ADIT in the formula rate projection submitted herewith. Specifically, these rules require that the actual amount of the ADIT balance at the beginning of the year (i.e., January 1, 2017), and a pro rata portion of the amount of any projected increase to be credited or decrease to be charged during the future period shall be determined by multiplying any such increase or decrease by a fraction, the numerator of which is the number of days remaining in the period at the time that increase or decrease is to be accrued, and the denominator of which is the total number of days in the period. For PSE&G, the accrual period is monthly. Thus, in accordance with Example 2 of IRC regulation section 1.167(l)-1(h)(6), the monthly increases/(decreases) to the forecasted changes to PSE&G’s ADIT balance are reflected on the last day of the month. Work Paper 1, provided herewith, details the calculation of PSE&G’s prorated ADIT amount.

Thank you for your attention to this matter and please advise the undersigned of any questions.

Respectfully submitted,

Hesser G. McBride, Jr.

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Attachments

Public Service Electric and Gas Company				
ATTACHMENT H-10A				
Formula Rate -- Appendix A	Notes	FERC Form 1 Page # or Instruction		12 Months Ended 12/31/2017
Shaded cells are input cells				
Allocators				
Wages & Salary Allocation Factor				
1	Transmission Wages Expense	(Note O)	Attachment 5	29,783,185
2	Total Wages Expense	(Note O)	Attachment 5	206,099,440
3	Less A&G Wages Expense	(Note O)	Attachment 5	7,544,875
4	Total Wages Less A&G Wages Expense		(Line 2 - Line 3)	198,554,565
5	Wages & Salary Allocator		(Line 1 / Line 4)	15.0000%
Plant Allocation Factors				
6	Electric Plant in Service	(Note B)	Attachment 5	18,706,592,731
7	Common Plant in Service - Electric		(Line 22)	180,461,300
8	Total Plant in Service		(Line 6 + 7)	18,887,054,031
9	Accumulated Depreciation (Total Electric Plant)	(Note B & J)	Attachment 5	3,438,430,659
10	Accumulated Intangible Amortization - Electric	(Note B)	Attachment 5	4,531,392
11	Accumulated Common Plant Depreciation & Amortization - Electric	(Note B & J)	Attachment 5	28,812,089
12	Accumulated Common Amortization - Electric	(Note B)	Attachment 5	44,572,229
13	Total Accumulated Depreciation		(Line 9 + Line 10 + Line 11 + Line 12)	3,516,346,369
14	Net Plant		(Line 8 - Line 13)	15,370,707,662
15	Transmission Gross Plant		(Line 31)	9,671,727,259
16	Gross Plant Allocator		(Line 15 / Line 8)	51.2082%
17	Transmission Net Plant		(Line 43)	8,816,219,582
18	Net Plant Allocator		(Line 17 / Line 14)	57.3573%
Plant Calculations				
Plant In Service				
19	Transmission Plant In Service	(Note B)	Attachment 5	9,599,663,592
20	General	(Note B)	Attachment 5	224,065,400
21	Intangible - Electric	(Note B)	Attachment 5	11,733,759
22	Common Plant - Electric	(Note B)	Attachment 5	180,461,300
23	Total General, Intangible & Common Plant		(Line 20 + Line 21 + Line 22)	416,260,459
24	Less: General Plant Account 397 -- Communications	(Note B)	Attachment 5	26,500,088
25	Less: Common Plant Account 397 -- Communications	(Note B)	Attachment 5	19,892,821
26	General and Intangible Excluding Acct. 397		(Line 23 - Line 24 - Line 25)	369,867,550
27	Wage & Salary Allocator		(Line 5)	15.0000%
28	General and Intangible Plant Allocated to Transmission		(Line 26 * Line 27)	55,480,133
29	Account No. 397 Directly Assigned to Transmission	(Note B)	Attachment 5	16,583,534
30	Total General and Intangible Functionalized to Transmission		(Line 28 + Line 29)	72,063,667
31	Total Plant In Rate Base		(Line 19 + Line 30)	9,671,727,259
Accumulated Depreciation				
32	Transmission Accumulated Depreciation	(Note B & J)	Attachment 5	815,358,651
33	Accumulated General Depreciation	(Note B & J)	Attachment 5	104,939,497
34	Accumulated Common Plant Depreciation - Electric	(Note B & J)	Attachment 5	73,384,318
35	Less: Amount of General Depreciation Associated with Acct. 397	(Note B & J)	Attachment 5	22,539,175
36	Balance of Accumulated General Depreciation		(Line 33 + Line 34 - Line 35)	155,784,640
37	Accumulated Intangible Amortization - Electric	(Note B)	(Line 10)	4,531,392
38	Accumulated General and Intangible Depreciation Ex. Acct. 397		(Line 36 + 37)	160,316,032
39	Wage & Salary Allocator		(Line 5)	15.0000%
40	Subtotal General and Intangible Accum. Depreciation Allocated to Transmission		(Line 38 * Line 39)	24,047,405
41	Accumulated General Depreciation Associated with Acct. 397 Directly Assigned to Transmission	(Note B & J)	Attachment 5	16,101,621
42	Total Accumulated Depreciation		(Lines 32 + 40 + 41)	855,507,677
43	Total Net Property, Plant & Equipment		(Line 31 - Line 42)	8,816,219,582

Public Service Electric and Gas Company			
ATTACHMENT H-10A			
Formula Rate -- Appendix A	Notes	FERC Form 1 Page # or Instruction	12 Months Ended 12/31/2017
Shaded cells are input cells			
Adjustment To Rate Base			
44	Accumulated Deferred Income Taxes ADIT net of FASB 106 and 109	(Note Q) Attachment 1	-2,257,796,613
45	CWIP for Incentive Transmission Projects CWIP Balances for Current Rate Year	(Note B & H) Attachment 6	362,136,575
45a	Abandoned Transmission Projects Unamortized Abandoned Transmission Projects	(Note R) Attachment 5	0
46	Plant Held for Future Use	(Note C & Q) Attachment 5	22,009,446
47	Prepayments Prepayments	(Note A & Q) Attachment 5	0
48	Materials and Supplies Undistributed Stores Expense	(Note Q) Attachment 5	0
49	Wage & Salary Allocator	(Line 5)	15.0000%
50	Total Undistributed Stores Expense Allocated to Transmission	(Line 48 * Line 49)	0
51	Transmission Materials & Supplies	(Note N & Q) Attachment 5	16,840,790
52	Total Materials & Supplies Allocated to Transmission	(Line 50 + Line 51)	16,840,790
53	Cash Working Capital Operation & Maintenance Expense	(Line 80)	130,300,299
54	1/8th Rule	1/8	12.5%
55	Total Cash Working Capital Allocated to Transmission	(Line 53 * Line 54)	16,287,537
56	Network Credits Outstanding Network Credits	(Note N & Q) Attachment 5	0
57	Total Adjustment to Rate Base	(Lines 44 + 45 + 45a + 46 + 47 + 52 + 55 - 56)	(1,840,522,264)
58	Rate Base	(Line 43 + Line 57)	6,975,697,317
Operations & Maintenance Expense			
59	Transmission O&M	(Note O) Attachment 5	99,724,192
60	Plus Transmission Lease Payments	(Note O) Attachment 5	0
61	Transmission O&M	(Lines 59 + 60)	99,724,192
62	Allocated Administrative & General Expenses Total A&G	(Note O) Attachment 5	202,793,230
63	Plus: Actual PBOP expense	(Note J) Attachment 5	33,048,517
64	Less: Actual PBOP expense	(Note O) Attachment 5	33,328,250
65	Less Property Insurance Account 924	(Note O) Attachment 5	4,022,046
66	Less Regulatory Commission Exp Account 928	(Note E & O) Attachment 5	11,216,380
67	Less General Advertising Exp Account 930.1	(Note O) Attachment 5	3,116,470
68	Less EPRI Dues	(Note D & O) Attachment 5	0
69	Administrative & General Expenses	Sum (Lines 62 to 63) - Sum (Lines 64 to 68)	184,158,602
70	Wage & Salary Allocator	(Line 5)	15.0000%
71	Administrative & General Expenses Allocated to Transmission	(Line 69 * Line 70)	27,623,790
72	Directly Assigned A&G Regulatory Commission Exp Account 928	(Note G & O) Attachment 5	645,380
73	General Advertising Exp Account 930.1	(Note K & O) Attachment 5	0
74	Subtotal - Accounts 928 and 930.1 - Transmission Related	(Line 72 + Line 73)	645,380
75	Property Insurance Account 924	(Line 65)	4,022,046
76	General Advertising Exp Account 930.1	(Note F & O) Attachment 5	0
77	Total Accounts 928 and 930.1 - General	(Line 75 + Line 76)	4,022,046
78	Net Plant Allocator	(Line 18)	57.3573%
79	A&G Directly Assigned to Transmission	(Line 77 * Line 78)	2,306,936
80	Total Transmission O&M	(Lines 61 + 71 + 74 + 79)	130,300,299

Public Service Electric and Gas Company				
ATTACHMENT H-10A			FERC Form 1 Page # or Instruction	12 Months Ended 12/31/2017
Formula Rate -- Appendix A		Notes		
Shaded cells are input cells				
Depreciation & Amortization Expense				
Depreciation Expense				
81	Transmission Depreciation Expense Including Amortization of Limited Term Plant	(Note J & O)	Attachment 5	228,796,129
81a	Amortization of Abandoned Plant Projects	(Note R)	Attachment 5	0
82	General Depreciation Expense Including Amortization of Limited Term Plant	(Note J & O)	Attachment 5	21,659,659
83	Less: Amount of General Depreciation Expense Associated with Acct. 397	(Note J & O)	Attachment 5	4,729,585
84	Balance of General Depreciation Expense		(Line 82 - Line 83)	16,930,074
85	Intangible Amortization	(Note A & O)	Attachment 5	10,051,339
86	Total		(Line 84 + Line 85)	26,981,413
87	Wage & Salary Allocator		(Line 5)	15.00%
88	General Depreciation & Intangible Amortization Allocated to Transmission		(Line 86 * Line 87)	4,047,212
89	General Depreciation Expense for Acct. 397 Directly Assigned to Transmission	(Note J & O)	Attachment 5	1,658,353
90	General Depreciation and Intangible Amortization Functionalized to Transmission		(Line 88 + Line 89)	5,705,565
91	Total Transmission Depreciation & Amortization		(Lines 81 + 81a + 90)	234,501,695
Taxes Other than Income Taxes				
92	Taxes Other than Income Taxes	(Note O)	Attachment 2	10,156,257
93	Total Taxes Other than Income Taxes		(Line 92)	10,156,257
Return \ Capitalization Calculations				
94	Long Term Interest		p117.62.c through 67.c	273,028,458
95	Preferred Dividends	enter positive	p118.29.d	0
Common Stock				
96	Proprietary Capital	(Note P)	Attachment 5	7,232,269,434
97	Less Accumulated Other Comprehensive Income Account 219	(Note P)	Attachment 5	1,479,925
98	Less Preferred Stock		(Line 106)	0
99	Less Account 216.1	(Note P)	Attachment 5	3,398,888
100	Common Stock		(Line 96 - 97 - 98 - 99)	7,227,390,621
Capitalization				
101	Long Term Debt	(Note P)	Attachment 5	6,587,117,120
102	Less Loss on Reacquired Debt	(Note P)	Attachment 5	70,401,824
103	Plus Gain on Reacquired Debt	(Note P)	Attachment 5	0
104	Less ADIT associated with Gain or Loss	(Note P)	Attachment 5	16,982,115
105	Total Long Term Debt		(Line 101 - 102 + 103 - 104)	6,499,733,181
106	Preferred Stock	(Note P)	Attachment 5	0
107	Common Stock		(Line 100)	7,227,390,621
108	Total Capitalization		(Sum Lines 105 to 107)	13,727,123,802
109	Debt %	Total Long Term Debt	(Line 105 / Line 108)	47.35%
110	Preferred %	Preferred Stock	(Line 106 / Line 108)	0.00%
111	Common %	Common Stock	(Line 107 / Line 108)	52.65%
112	Debt Cost	Total Long Term Debt	(Line 94 / Line 105)	0.0420
113	Preferred Cost	Preferred Stock	(Line 95 / Line 106)	0.0000
114	Common Cost	Common Stock	(Note J) Fixed	0.1168
115	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 109 * Line 112)	0.0199
116	Weighted Cost of Preferred	Preferred Stock	(Line 110 * Line 113)	0.0000
117	Weighted Cost of Common	Common Stock	(Line 111 * Line 114)	0.0615
118	Rate of Return on Rate Base (ROR)		(Sum Lines 115 to 117)	0.0814
119	Investment Return = Rate Base * Rate of Return		(Line 58 * Line 118)	567,720,029

Public Service Electric and Gas Company				12 Months Ended
ATTACHMENT H-10A				12/31/2017
Formula Rate -- Appendix A		Notes	FERC Form 1 Page # or Instruction	
Shaded cells are input cells				
Composite Income Taxes				
Income Tax Rates				
120	FIT=Federal Income Tax Rate			35.00%
121	SIT=State Income Tax Rate or Composite			9.00%
122	p	(percent of federal income tax deductible for state purposes)	Per State Tax Code	0.00%
123	T	$T = 1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\}$		40.85%
124	T / (1-T)			69.06%
ITC Adjustment				
125	Amortized Investment Tax Credit	enter negative	Attachment 5	-868,656
126	1/(1-T)		1 / (1 - Line 123)	169.06%
127	Net Plant Allocation Factor		(Line 18)	57.36%
128	ITC Adjustment Allocated to Transmission		(Line 125 * Line 126 * Line 127)	-842,329
129	Income Tax Component =	$(T/1-T) * \text{Investment Return} * (1-(WCLTD/ROR)) =$	[Line 124 * Line 119 * (1- (Line 115 / Line 118))]	296,257,777
130	Total Income Taxes		(Line 128 + Line 129)	295,415,448
Revenue Requirement				
Summary				
131	Net Property, Plant & Equipment		(Line 43)	8,816,219,582
132	Total Adjustment to Rate Base		(Line 57)	-1,840,522,264
133	Rate Base		(Line 58)	6,975,697,317
134	Total Transmission O&M		(Line 80)	130,300,299
135	Total Transmission Depreciation & Amortization		(Line 91)	234,501,695
136	Taxes Other than Income		(Line 93)	10,156,257
137	Investment Return		(Line 119)	567,720,029
138	Income Taxes		(Line 130)	295,415,448
139	Gross Revenue Requirement		(Sum Lines 134 to 138)	1,238,093,728
Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities				
140	Transmission Plant In Service		(Line 19)	9,599,663,592
141	Excluded Transmission Facilities	(Note B & M)	Attachment 5	0
142	Included Transmission Facilities		(Line 140 - Line 141)	9,599,663,592
143	Inclusion Ratio		(Line 142 / Line 140)	100.00%
144	Gross Revenue Requirement		(Line 139)	1,238,093,728
145	Adjusted Gross Revenue Requirement		(Line 143 * Line 144)	1,238,093,728
Revenue Credits & Interest on Network Credits				
146	Revenue Credits	(Note O)	Attachment 3	23,864,514
147	Interest on Network Credits	(Note N & O)	Attachment 5	0
148	Net Revenue Requirement		(Line 145 - Line 146 + Line 147)	1,214,229,214
Net Plant Carrying Charge				
149	Gross Revenue Requirement		(Line 144)	1,238,093,728
150	Net Transmission Plant, CWIP and Abandoned Plant		(Line 19 - Line 32 + Line 45 + Line 45a)	9,146,441,516
151	Net Plant Carrying Charge		(Line 149 / Line 150)	13.5363%
152	Net Plant Carrying Charge without Depreciation		(Line 149 - Line 81) / Line 150	11.0349%
153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes		(Line 149 - Line 81 - Line 119 - Line 130) / Line 151	1.5980%
Net Plant Carrying Charge Calculation per 100 Basis Point increase in ROE				
154	Gross Revenue Requirement Less Return and Taxes		(Line 144 - Line 137 - Line 138)	374,958,250
155	Increased Return and Taxes		Attachment 4	925,227,364
156	Net Revenue Requirement per 100 Basis Point increase in ROE		(Line 154 + Line 155)	1,300,185,614
157	Net Transmission Plant, CWIP and Abandoned Plant		(Line 19 - Line 32 + Line 45 + Line 45a)	9,146,441,516
158	Net Plant Carrying Charge per 100 Basis Point increase in ROE		(Line 156 / Line 157)	14.2152%
159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation		(Line 156 - Line 81) / Line 157	11.7137%
160	Net Revenue Requirement		(Line 148)	1,214,229,214
161	True-up amount		Attachment 6	-36,791,241
162	Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects not paid by other PJM transmission zones		Attachment 7	7,726,945
163	Facility Credits under Section 30.9 of the PJM OATT		Attachment 5	0
164	Net Zonal Revenue Requirement		(Line 160 + 161 + 162 + 163)	1,185,164,918
Network Zonal Service Rate				
165	1 CP Peak	(Note L)	Attachment 5	9,800.3
166	Rate (\$/MW-Year)		(Line 164 / 165)	120,931.26
167	Network Service Rate (\$/MW/Year)		(Line 166)	120,931.26

Public Service Electric and Gas Company		
ATTACHMENT H-10A		
Formula Rate -- Appendix A	Notes	FERC Form 1 Page # or Instruction

12 Months Ended 12/31/2017

Shaded cells are input cells

Notes

- A Electric portion only
- B Calculated using 13-month average balances
- C Includes Transmission portion only. At each annual informational filing, Company will identify for each parcel of land an intended use within a 15 year period
- D Includes all EPRI Annual Membership Dues
- E Includes all Regulatory Commission Expenses
- F Includes Safety related advertising included in Account 930.1
- G Includes Regulatory Commission Expenses directly related to transmission service, RTO filings, or transmission siting itemized in Form 1 at 351.h
- H CWIP can only be included if authorized by the Commission
- I The currently effective income tax rate where FIT is the Federal income tax rate; SIT is the State income tax rate, and p = the percentage of federal income tax deductible for state income taxes
- J ROE will be supported in the original filing and no change in ROE will be made absent a filing at FERC
PBOP expense shall be based upon the Company's Actual Annual PBOP Expense until changed by a filing at FERC
The actual Annual PBOP Expense to be included in the Formula Rate Annual Update that is required to be filed on or before October 15 of each year shall be based upon the Actual Annual PBOP Expense as charged to FERC Account 926 on behalf of electric employees for PBOP and as included by the Company in its most recent True-up Adjustment filing.
PSEG will provide, in connection with each annual True-Up Adjustment filing a confidential copy of relevant pages from annual actuarial valuation report supporting the derivation of the Actual Annual PBOP Expense as charged to FERC Account 926 on behalf of electric employees
Depreciation rates shown in Attachment 8 are fixed until changed as the result of a filing at FERC
If book depreciation rates are different than the Attachment 8 rates, PSE&G will provide workpapers at the annual update to reconcile formula depreciation expense and depreciation accruals to FERC Form 1 amounts
- K Education and outreach expenses relating to transmission, for example siting or billing
- L As provided for in Section 34.1 of the PJM OATT; the PJM established billing determinants will not be revised or updated in the annual rate reconciliations
- M Amount of transmission plant excluded from rates per Attachment 5
- N Outstanding Network Credits is the balance of Network Facilities Upgrades Credits due Transmission Customers who have made lump-sum payments towards the construction of Network Transmission Facilities consistent with Paragraph 657 of Order 2003-A
Interest on the Network Credits as booked each year is added to the revenue requirement to make the Transmission Owner whole on Line "&A248&".
- O Expenses reflect full year plan
- P The projected capital structure shall reflect the capital structure from the FERC Form 1 data. For all other formula rate calculations, the projected capital structure and actual capital structure shall reflect the capital structure from the most recent FERC Form 1 data available.
Calculated using the average of the prior year and current year balances
- Q Calculated using beginning and year end projected balances
- END R Unamortized Abandoned Plant and Amortization of Abandoned Plant may only be included pursuant to a Commission Order authorizing such inclusion

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31, 2017

	<i>Only Transmission Related</i>	<i>Plant Related</i>	<i>Labor Related</i>	<i>Total ADIT</i>	
ADIT-282	0	(4,075,528,187)	0		From Acct. 282 total, below
ADIT-283	0	(16,982,115)	0		From Acct. 283 total, below
ADIT-190	0	427,991	2,299,557		From Acct. 190 total, below
Subtotal	0	(4,092,082,310)	2,299,557		
Wages & Salary Allocator		57.3573%			
Net Plant Allocator					
End of Year ADIT	0	(2,347,107,042)	344,934	(2,346,762,109)	
End of Previous Year ADIT (from Sheet 1A-ADIT(3))	0	(2,169,176,051)	344,934	(2,168,831,116)	
Average Beginning and End of Year ADIT	0	(2,258,141,547)	344,934	(2,257,796,613)	Appendix A, Line 44

Note: ADIT associated with Gain or Loss on Reacquired Debt is included in Column A here and included in Cost of Debt on Appendix A, Line 108
 (16,982,115) < From Acct 283, below

In filling out this attachment, a full and complete description of each item and justification for the allocation to Columns B-F and each separate ADIT item will be listed, dissimilar items with amounts exceeding \$100,000 will be listed separately.

A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G Justification
ADIT-190						
ADIT - Real Estate Taxes	427,991			427,991		Book estimate accrued and expensed, tax deduction when paid, related to plant
Vacation Pay	2,294,581				2,294,581	Vacation pay earned and expensed for books, tax deduction when paid - employees in all functions
OPEB	121,713,902				121,713,902	FASB 106 - Post Retirement Obligation, labor related
Deferred Dividend Equivalents	2,964,680				2,964,680	Book accrual of dividends on employee stock options affecting all functions
Deferred Compensation	387,627				387,627	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
ADIT - Unallowable PIP Accrual	(218,285)				(218,285)	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
Bankruptcies S Acfc	147,040	147,040				Book estimate accrued and expensed, tax deduction when paid - Generation Related
Federal Taxes Deferred	14,753,517			14,753,517		FASB 109 - deferred tax asset primarily associated with items previously flowed through due to regulation
Miscellaneous	(331,516)	2,797,529			(3,129,045)	
Subtotal - p234	142,139,537	2,944,569		15,181,508	124,013,459	
Less FASB 109 Above if not separately removed	14,753,517			14,753,517		
Less FASB 106 Above if not separately removed	121,713,902				121,713,902	
Total	5,672,118	2,944,569		427,991	2,299,557	

Instructions for Account 190:

- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
- ADIT items related to Plant and not in Columns C & D are included in Column E
- ADIT items related to labor and not in Columns C & D are included in Column F
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

Public Service Electric and Gas Company
 ATTACHMENT H-10A
 Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31,2017

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G Justification
ADIT-282						
Depreciation - Liberalized Depreciation (Federal)	(3,675,898,492)	(9,144,703)		(3,666,753,789)		Basis difference resulting from accelerated tax depreciation versus depreciation used for ratemaking purposes - related to all functions
Depreciation - Liberalized Depreciation (State)	(320,565,175)	88,209,223		(408,774,398)		Basis difference resulting from accelerated tax depreciation versus depreciation used for ratemaking purposes - related to all functions
Accounting for Income Taxes	(211,560,168)	52,447,501		(264,007,669)		FASB 109 - deferred tax liability primarily associated with plant related items previously flowed through due to regulation
Subtotal - p275	(4,208,023,835)	131,512,021		(4,339,535,856)		
Less FASB 109 Above if not separately removed	(264,007,669)			(264,007,669)		
Less FASB 106 Above if not separately removed						
Total	(3,944,016,166)	131,512,021		(4,075,528,187)		

Instructions for Account 282:

- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
- ADIT items related to Plant and not in Columns C & D are included in Column E
- ADIT items related to labor and not in Columns C & D are included in Column F
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31, 2017

ADIT-283	A	B	C	D	E	F	G
	Total	Gas, Prod or Other Related	Only Transmission Related	Plant	Labor		
Securitization Regulatory Asset	26,437,829	26,437,829					Generation Related (Securitization of Stranded Costs)
Environmental Cleanup Costs	88,629,131	88,629,131					Book estimate accrued and expensed, tax deduction when paid - Manufactured Gas Plants
New Jersey Corporation Business Tax	9,651,432	9,651,432					New Jersey Corporate Income Tax - Plant Related- Contra Account of 190 NJCBT
Accelerated Activity Plan	(102,386,095)	(102,386,095)					Demand Side management and Associated Programs - Retail Related
Loss on Recquired Debt	(16,982,115)				(16,982,115)		Tax deduction when reacquired, booked amortizes to expense
Additional Pension Deduction	(134,787,630)	(134,787,630)					Associated with Pension Liability not in rates
Sales Tax Reserve	7,193,851	7,193,851					Sales tax audit reserve
Miscellaneous	(216,397,587)	(216,397,587)					Miscellaneous Tax Adjustments
Deferred Gain	49,546,499	49,546,499					Deferred gain resulted from 2000 deprecuation step up basis
Accounting for Income Taxes (FAS109) - Federal	(219,093,956)				(219,093,956)		FASB 109 - deferred tax liability primarily non-plant related items previously flowed through due to regulation
Subtotal - p277	(508,188,641)	(272,112,571)			(236,076,070)		
Less FASB 109 Above if not separately removed	(219,093,956)				(219,093,956)		
Less FASB 106 Above if not separately removed							
Total	(289,094,685)	(272,112,571)			(16,982,115)		

Instructions for Account 283:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
2. ADIT items related only to Transmission are directly assigned to Column D
3. ADIT items related to Plant and not in Columns C & D are included in Column E
4. ADIT items related to labor and not in Columns C & D are included in Column F
5. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31, 2016

	<i>Only Transmission Related</i>	<i>Plant Related</i>	<i>Labor Related</i>	<i>Total ADIT</i>	
ADIT- 282	0	(3,765,312.995)	0		From Acct. 282 total, below
ADIT-283	0	(16,982,115)	0		From Acct. 283 total, below
ADIT-190	0	427,991	2,299,557		From Acct. 190 total, below
Subtotal	0	(3,781,867,119)	2,299,557		
<i>Wages & Salary Allocator</i>			15.0000%		
<i>Net Plant Allocator</i>		57.3573%			
<i>End of Year ADIT</i>	0	(2,169,176.051)	344,934	(2,168,831,118)	

Page 1 of 3

Note: ADIT associated with Gain or Loss on Reacquired Debt is included in Column A here and included in Cost of Debt on Appendix A, Line 108
(16,982,115) < From Acct 283, below

In filling out this attachment, a full and complete description of each item and justification for the allocation to Columns B-F and each separate ADIT item will be listed, dissimilar items with amounts exceeding \$100,000 will be listed separately.

ADIT-190	A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G Justification
ADIT - Real Estate Taxes		427,991			427,991		Book estimate accrued and expensed, tax deduction when paid - related to plant
Vacation Pay		2,294,581				2,294,581	Vacation pay earned and expensed for books, tax deduction when paid - employees in all functions
OPER		137,864,407				137,864,407	FASB 106 - Post Retirement Obligation, labor related
Deferred Dividend Equivalents		2,964,680				2,964,680	Book accrual of dividends on employee stock options affecting all functions
Deferred Compensation		387,627				387,627	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
ADIT - Unallowable PIP Accrual		(218,285)				(218,285)	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
Bankruptcies S. Acfr		147,040	147,040				Book estimate accrued and expensed, tax deduction when paid - Generation Related
Federal Taxes Deferred		14,753,517			14,753,517		FASB 109 - deferred tax asset primarily associated with items previously flowed through due to regulation
Miscellaneous		(331,516)	2,797,529			(3,129,045)	
Subtotal - p234		158,290,041	2,944,569		15,181,508	140,163,964	
Less FASB 109 Above if not separately removed		14,753,517			14,753,517		
Less FASB 106 Above if not separately removed		137,864,407				137,864,407	
Total		5,672,118	2,944,569		427,991	2,299,557	

Instructions for Account 190:

- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
- ADIT items related to Plant and not in Columns C & D are included in Column E
- ADIT items related to labor and not in Columns C & D are included in Column F
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31, 2016

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

ADIT- 282	A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G Justification
Depreciation - Liberalized Depreciation (Federal)		(3,454,618,678)	(5,916,899)		(3,448,701,778.55)		Basis difference resulting from accelerated tax depreciation versus depreciation used for ratemaking purposes - related to all functions
Depreciation - Liberalized Depreciation (State)		(219,112,028)	97,499,189		(316,611,217)		Basis difference resulting from accelerated tax depreciation versus depreciation used for ratemaking purposes - related to all functions
Accounting for Income Taxes		(359,864,585)	(5,916,899)		(353,947,685)		FASB 109 - deferred tax liability primarily associated with plant related items previously flowed through due to regulation
Subtotal - p275		(4,033,595,291)	85,665,390		(4,119,260,681)		
Less FASB 109 Above if not separately removed		(353,947,685)			(353,947,685)		
Less FASB 106 Above if not separately removed							
Total		(3,679,647,606)	85,665,390		(3,765,312,995)		

Instructions for Account 282:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
2. ADIT items related only to Transmission are directly assigned to Column D
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4. ADIT items related to labor and not in Columns C & D are included in Column F
5. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31, 2016

ADIT-283	A	B Total	C Related	D Only Transmission Related	E Plant	F Labor	G
Securization Regulatory Asset		26,437,829	26,437,829				Generation Related (Securization of Stranded Costs)
Environmental Cleanup Costs		88,629,131	88,629,131				Book estimate accrued and expensed, tax deduction when paid - Manufactured Gas Plants
New Jersey Corporation Business Tax		9,651,432	9,651,432				New Jersey Corporate Income Tax - Plant Related- Contra Account of 190 NJCBT
Accelerated Activity Plan		(102,386,095)	(102,386,095)				Demand Side management and Associated Programs - Retail Related
Loss on Recquired Debt		(16,982,115)			(16,982,115)		Tax deduction when reacquired, booked amortizes to expense
Additional Pension Deduction		(134,273,967)	(134,273,967)				Associated with Pension Liability not in rates
Sales Tax Reserve		7,193,851	7,193,851				Sales tax audit reserve
Miscellaneous		(216,397,587)	(216,397,587)				Miscellaneous Tax Adjustments
Deferred Gain		49,546,499	49,546,499				Deferred gain resulted from 2000 deroatulation step up basis
Accounting for Income Taxes (FAS109) - Federal		(219,093,956)			(219,093,956)		FASB 109 - deferred tax liability primarily non-plant related items previously flowed through due to regulation
Subtotal - p277		(507,674,977)	(271,598,907)		(236,076,070)		
Less FASB 109 Above if not separately removed		(219,093,956)			(219,093,956)		
Less FASB 106 Above if not separately removed							
Total		(288,581,022)	(271,598,907)		(16,982,115)		

Instructions for Account 283:

- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
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Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 2 - Taxes Other Than Income Worksheet - December 31, 2017

Other Taxes	Page 263 Col (i)	Allocator	Allocated Amount
Plant Related			
1 Real Estate	20,804,000		Attachment #5
2 Total Plant Related	20,804,000	N/A	7,847,000
Labor Related			
Wages & Salary Allocator			
3 FICA	14,296,575		
4 Federal Unemployment Tax	163,741		
5 New Jersey Unemployment Tax	603,135		
6 New Jersey Workforce Development	331,596		
7			
8 Total Labor Related	15,395,047	15.0000%	2,309,257
Other Included			
Net Plant Allocator			
9			
10			
11			
12			
13 Total Other Included	0	57.3573%	0
14 Total Included (Lines 8 + 14 + 19)	36,199,047		10,156,257
Currently Excluded			
15 Corporate Business Tax	0		
16 TEFA	0		
17 Use & Sales Tax	0		
18 Local Franchise Tax	0		
19 PA Corporate Income Tax	0		
20 Municipal Utility	0		
21 Public Utility Fund	0		
22 Subtotal, Excluded	0		
23 Total, Included and Excluded (Line 20 + Line 28)	36,199,047		
24 Total Other Taxes from p114.14.g - Actual	36,199,047		
25 Difference (Line 29 - Line 30)	-		

Criteria for Allocation:

- A Other taxes that are incurred through ownership of plant including transmission plant will be allocated based on the Net Plant Allocator. If the taxes are 100% recovered at retail they shall not be included. Real Estate taxes are directly assigned to Transmission.
- B Other taxes that are incurred through ownership of only general or intangible plant will be allocated based on the Wages and Salary Allocator. If the taxes are 100% recovered at retail they shall not be included.
- C Other taxes that are assessed based on labor will be allocated based on the Wages and Salary Allocator.
- D Other taxes except as provided for in A, B and C above, that are incurred and (1) are not fully recovered at retail or (2) are directly or indirectly related to transmission service will be allocated based on the Net Plant Allocator; provided, however, that overheads shall be treated as in footnote B above.
- E Excludes prior period adjustments in the first year of the formula's operation and reconciliation for the first year.

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 3 - Revenue Credit Workpaper - December 31, 2017

Accounts 450 & 451		
1 Late Payment Penalties Allocated to Transmission		0
Account 454 - Rent from Electric Property		
2 Rent from Electric Property - Transmission Related (Note 2)		600,000
Account 456 - Other Electric Revenues		
3 Transmission for Others		0
4 Schedule 1A		4,800,000
5 Net revenues associated with Network Integration Transmission Service (NITS) for which the load is not included in the divisor (difference between NITS credits from PJM and PJM NITS charges paid by Transmission Owner)		8,200,000
6 Point to Point Service revenues for which the load is not included in the divisor received by Transmission Owner		45,000
7 Professional Services (Note 2)		9,268,580
8 Revenues from Directly Assigned Transmission Facility Charges (Note 1)		4,751,227
9 Rent or Attachment Fees associated with Transmission Facilities (Note 2)		27,664,806
10 Gross Revenue Credits	(Sum Lines 1-9)	27,664,806
11 Less line 18	- line 18	(3,800,293)
12 Total Revenue Credits	line 10 + line 11	23,864,514
13 Revenues associated with lines 2, 7, and 9 (Note 2)		5,396,227
14 Income Taxes associated with revenues in line 13		2,204,359
15 One half margin (line 13 - line 14)/2		1,595,934
16 All expenses (other than income taxes) associated with revenues in line 13 that are included in FERC accounts recovered through the formula times the allocator used to functionalize the amounts in the FERC account to the transmission service at issue.		-
17 Line 15 plus line 16		1,595,934
18 Line 13 less line 17		3,800,293

Note 1 If the costs associated with the Directly Assigned Transmission Facility Charges are included in the Rates, the associated revenues are included in the Rates. If the costs associated with the Directly Assigned Transmission Facility Charges are not included in the Rates, the associated revenues are not included in the Rates.

Note 2 Ratemaking treatment for the following specified secondary uses of transmission assets: (1) right-of-way leases and leases for space on transmission facilities for telecommunications; (2) transmission tower licenses for wireless antennas; (3) right-of-way property leases for farming, grazing or nurseries; (4) licenses of intellectual property (including a portable oil degasification process and scheduling software); and (5) transmission maintenance and consulting services (including energized circuit maintenance, high-voltage substation maintenance, safety training, transformer oil testing, and circuit breaker testing) to other utilities and large customers (collectively, products). PSE&G will retain 50% of net revenues consistent with *Pacific Gas and Electric Company*, 90 FERC ¶ 61,314. Note: in order to use lines 13-18, the utility must track in separate subaccounts the revenues and costs associated with each secondary use (except for the cost of the associated income taxes).

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 4 - Calculation of 100 Basis Point Increase in ROE

A	Return and Taxes with 100 Basis Point increase in ROE 100 Basis Point increase in ROE and Income Taxes		Line 27 + Line 42 from below	925,227,364
B	100 Basis Point increase in ROE			1.00%
Return Calculation				
			Appendix A Line or Source Reference	
1	Rate Base		(Line 43 + Line 57)	6,975,697,317
2	Long Term Interest		p117.62.c through 67.c	273,028,458
3	Preferred Dividends	enter positive	p118.29.d	0
Common Stock				
4	Proprietary Capital		Attachment 5	7,232,269,434
5	Less Accumulated Other Comprehensive Income Account 219		p112.15.c	1,479,925
6	Less Preferred Stock		(Line 106)	0
7	Less Account 216.1		Attachment 5	3,398,888
8	Common Stock		(Line 96 - 97 - 98 - 99)	7,227,390,621
Capitalization				
9	Long Term Debt		Attachment 5	6,587,117,120
10	Less Loss on Reacquired Debt		Attachment 5	70,401,824
11	Plus Gain on Reacquired Debt		Attachment 5	0
12	Less ADIT associated with Gain or Loss		Attachment 5	16,982,115
13	Total Long Term Debt		(Line 101 - 102 + 103 - 104)	6,499,733,181
14	Preferred Stock		Attachment 5	0
15	Common Stock		(Line 100)	7,227,390,621
16	Total Capitalization		(Sum Lines 105 to 107)	13,727,123,802
17	Debt %	Total Long Term Debt	(Line 105 / Line 108)	47.3%
18	Preferred %	Preferred Stock	(Line 106 / Line 108)	0.0%
19	Common %	Common Stock	(Line 107 / Line 108)	52.7%
20	Debt Cost	Total Long Term Debt	(Line 94 / Line 105)	0.0420
21	Preferred Cost	Preferred Stock	(Line 95 / Line 106)	0.0000
22	Common Cost	Common Stock	(Line 114 + 100 basis points)	0.1268
23	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 109 * Line 112)	0.0199
24	Weighted Cost of Preferred	Preferred Stock	(Line 110 * Line 113)	0.0000
25	Weighted Cost of Common	Common Stock	(Line 111 * Line 114)	0.0668
26	Rate of Return on Rate Base (ROR)		(Sum Lines 115 to 117)	0.0867
27	Investment Return = Rate Base * Rate of Return		(Line 58 * Line 118)	604,447,380
Composite Income Taxes				
Income Tax Rates				
28	FIT=Federal Income Tax Rate			35.00%
29	SIT=State Income Tax Rate or Composite			9.00%
30	p = percent of federal income tax deductible for state purposes		Per State Tax Code	0.00%
31	T	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$		40.85%
35	CIT = T / (1-T)			69.06%
36	1 / (1-T)			169.06%
ITC Adjustment				
37	Amortized Investment Tax Credit	enter negative	Attachment 5	-868,656
38	1/(1-T)		1 / (1 - Line 123)	169%
39	Net Plant Allocation Factor		(Line 18)	57.3573%
40	ITC Adjustment Allocated to Transmission		(Line 125 * Line 126 * Line 127)	-842,329
41	Income Tax Component =	$CIT=(T/(1-T)) * Investment Return * (1-(WCLTD/R)) =$		321,622,313
42	Total Income Taxes			320,779,984

Electric / Non-electric Cost Support				Previous Year	Current Year - 2017												Average	Non-electric Portion
Line #s	Descriptions	Notes	Page #'s & Instructions	Form 1Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Form 1 Dec		
Plant Allocation Factors																		
6	Electric Plant in Service (Excludes Asset Retirement Costs - ARC)	(Note B)	p207.104g	17,914,138,579	17,918,065,090	17,950,818,414	18,074,806,299	18,113,192,849	18,549,837,416	19,020,636,331	19,046,736,994	19,077,148,860	19,130,025,430	19,246,946,120	19,364,495,117	19,778,858,010	18,706,592,731	
7	Common Plant in Service - Electric	(Note B)	p356	168,948,526	169,491,918	169,598,732	171,248,083	173,646,184	174,844,724	177,283,590	178,855,176	179,405,096	179,829,179	195,027,122	198,973,897	208,844,671	180,461,300	
9	Accumulated Depreciation (Total Electric Plant)	(Note B & J)	p219.29c	3,329,983,732	3,325,097,502	3,347,773,795	3,370,716,318	3,393,692,290	3,414,826,514	3,434,708,685	3,457,873,607	3,480,822,303	3,501,977,932	3,523,996,466	3,547,839,383	3,570,286,050	3,438,430,659	
10	Accumulated Intangible Amortization	(Note B)	p200.21c	3,367,740	3,361,958	3,754,976	3,948,594	4,142,211	4,335,929	4,529,447	4,723,065	4,916,683	5,110,300	5,303,918	5,497,536	5,716,497	4,531,392	
11	Accumulated Common Plant Depreciation - Electric	(Note B & J)	p356	27,112,407	26,394,369	25,703,927	26,181,423	26,866,624	27,659,379	28,193,265	28,983,518	29,791,522	30,508,045	31,435,041	32,405,295	33,323,337	28,812,089	
12	Accumulated Common Amortization - Electric	(Note B)	p356	40,821,845	41,437,679	42,053,512	42,669,346	43,291,087	43,912,828	44,556,844	45,210,103	45,863,363	46,516,622	47,171,791	47,826,960	48,107,003	44,572,229	
Plant In Service																		
19	Transmission Plant in Service (Excludes Asset Retirement Costs - ARC)	(Note B)	p207.58.g	9,092,953,440	9,100,177,773	9,101,181,106	9,175,876,439	9,187,830,772	9,418,266,105	9,845,882,438	9,850,760,771	9,854,874,104	9,882,815,437	9,946,373,770	10,003,596,103	10,335,044,436	9,599,663,592	
20	General (Excludes Asset Retirement Costs - ARC)	(Note B)	p207.99.g	239,054,942	212,544,301	213,487,773	215,689,440	218,046,121	219,438,210	220,899,002	222,795,333	226,576,752	228,325,907	229,460,168	230,031,551	236,500,704	224,065,400	
21	Intangible - Electric	(Note B)	p205.5.g	11,617,067	11,617,067	11,617,067	11,617,067	11,617,067	11,617,067	11,617,067	11,617,067	11,617,067	11,617,067	11,617,067	11,617,067	11,617,067	11,733,759	
22	Common Plant in Service - Electric	(Note B)	p356	168,948,526	169,491,918	169,598,732	171,248,083	173,646,184	174,844,724	177,283,590	178,855,176	179,405,096	179,829,179	195,027,122	198,973,897	208,844,671	180,461,300	
24	General Plant Account 397 -- Communications	(Note B)	p207.94g	23,660,284	23,925,764	24,191,244	24,523,104	24,987,704	25,535,145	26,198,855	26,862,565	27,526,275	28,189,985	28,894,695	29,633,405	30,372,115	26,500,088	
25	Common Plant Account 397 -- Communications	(Note B)	p356	11,897,337	12,997,337	14,097,337	15,197,337	16,297,337	17,397,337	18,497,337	19,597,337	20,697,337	21,797,337	22,897,337	23,997,337	25,097,337	19,892,821	
29	Account No. 397 Directly Assigned to Transmission	(Note B)	Company Records	16,583,534	16,583,534	16,583,534	16,583,534	16,583,534	16,583,534	16,583,534	16,583,534	16,583,534	16,583,534	16,583,534	16,583,534	16,583,534	16,583,534	
Accumulated Depreciation																		
32	Transmission Accumulated Depreciation	(Note B & J)	p219.25.c	749,953,237	760,789,479	771,625,739	783,096,391	793,448,950	803,949,381	812,754,044	825,133,464	837,924,110	847,827,639	859,232,285	871,109,376	882,787,363	815,358,651	
33	Accumulated General Depreciation	(Note B & J)	p219.28.b	129,291,152	101,659,513	101,467,590	102,136,125	102,645,416	101,612,210	102,069,276	102,988,284	103,423,492	104,256,584	104,455,576	104,072,318	104,135,950	104,939,497	
34	Accumulated Common Plant Depreciation & Amortization - Electric	(Note B & J)	p356	67,934,253	67,832,048	67,757,440	68,850,768	70,157,711	71,571,207	72,750,109	74,193,621	75,654,884	77,024,667	78,806,832	80,232,255	81,430,340	73,584,318	
35	Accumulated General Depreciation Associated with Acct. 397	(Note B & J)	Company Records	20,431,087	20,771,446	21,123,194	21,478,485	21,830,407	22,062,991	22,402,876	22,759,667	23,121,989	23,489,842	23,989,898	24,510,493	25,052,913	22,539,175	
41	Acc. Deprec. Acct. 397 Directly Assigned to Transmission	(Note B & J)	Company Records	15,272,445	15,410,641	15,548,837	15,687,033	15,825,229	15,963,425	16,101,621	16,239,818	16,378,014	16,516,210	16,654,406	16,792,602	16,930,798	16,101,621	

Wages & Salary				End of Year
Line #s	Descriptions	Notes	Page #'s & Instructions	
2	Total Wage Expense	(Note A)	p354.28b	206,099,440
3	Total A&G Wages Expense	(Note A)	p354.27b	7,544,875
1	Transmission Wages		p354.21b	29,783,185

Transmission / Non-transmission Cost Support				Beginning Year Balance	End of Year	Average
Line #s	Descriptions	Notes	Page #'s & Instructions			
46	Plant Held for Future Use (Including Land)	(Note C & Q)	p214.47.d	20,440,107	27,940,107	24,190,107
	Transmission Only			18,259,446	25,759,446	22,009,446

Prepayments				Previous Year	Electric Beginning Year Balance	Electric End of Year Balance	Average Balance	Wage & Salary Allocator	To Line 47
Line #s	Descriptions	Notes	Page #'s & Instructions						
47	Prepayments	(Note A & Q)	p111.57c	0	0	0	0	15.000%	-

Materials and Supplies				Beginning Year Balance	End of Year	Average
Line #s	Descriptions	Notes	Page #'s & Instructions			
48	Undistributed Stores Exp	(Note Q)	p227.16.b,c	0	0	0
51	Transmission Materials & Supplies	(Note N & Q)	p227.8.b,c	16,840,790	16,840,790	16,840,790

Outstanding Network Credits Cost Support				Beginning Year Balance	End of Year	Average
Line #s	Descriptions	Notes	Page #'s & Instructions			
56	Outstanding Network Credits	(Note N & Q)	From PJM	0	0	0

O&M Expenses				End of Year
Line #s	Descriptions	Notes	Page #'s & Instructions	
59	Transmission O&M	(Note O)	p.321.112.b	99,724,192
60	Transmission Lease Payments		p321.96.b	-

Property Insurance Expenses				End of Year
Line #s	Descriptions	Notes	Page #'s & Instructions	
65	Property Insurance Account 924	(Note O)	p323.185b	4,022,046

Adjustments to A & G Expense

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
62	Total A&G Expenses		p323.197b	202,793,230
63	Actual PBOP expense	(Note J)	Company Records	33,048,517
64	Actual PBOP expense	(Note O)	Company Records	33,328,250

Regulatory Expense Related to Transmission Cost Support

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year	Transmission Related
Allocated General & Common Expenses					
66	Regulatory Commission Exp Account 928	(Note E & O)	p323.189b	11,216,380	0
Directly Assigned A&G					
72	Regulatory Commission Exp Account 928	(Note G & O)	p351.11-13h	645,380	645,380

General & Common Expenses

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year	EPRI Dues
68	Less EPRI Dues	(Note D & O)	p352-353	0	0

Safety Related Advertising Cost Support

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year	Safety Related	Non-safety Related
Directly Assigned A&G						
73	General Advertising Exp Account 930.1	(Note K & O)	p323.191b	3,116,470	0	3,116,470

Education and Out Reach Cost Support

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year	Education & Outreach	Other
Directly Assigned A&G						
76	General Advertising Exp Account 930.1	(Note K & O)	p323.191b	3,116,470	0	3,116,470

Depreciation Expense

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
Depreciation Expense				
81	Depreciation-Transmission	(Note J & O)	p336.7.f	228,796,129
82	Depreciation-General & Common	(Note J & O)	p336.10&11.f	21,659,659
83	Depreciation-General Expense Associated with Acct. 397	(Note J & O)	Company Records	4,729,585
85	Depreciation-Intangible	(Note A & O)	p336.1.f	10,051,339
89	Transmission Depreciation Expense for Acct. 397	(Note J & O)	Company Records	1,658,353

Direct Assignment of Transmission Real Estate Taxes

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year	Transmission Related	Non-Transmission
92	Real Estate Taxes - Directly Assigned to Transmission		p263.33i	20,804,000	7,847,000	12,957,000

PSE&G's real estate taxes detail is in an access database which contains a list of the towns PSE&G pays taxes to, which are billed on a quarterly basis for various parcels of property by major classification. Every parcel is associated with a Lot & Block number. These Lot & Blocks are identified to a particular type of property and are labeled. This is the breakout of transmission real estate taxes from total electric.

Return \ Capitalization

Line #s	Descriptions	Notes	Page #'s & Instructions	2014 End of Year	2015 End of Year	Average
96	Proprietary Capital	(Note P)	p112.16.c.d	6,835,533,489	7,629,005,378	7,232,269,434
97	Accumulated Other Comprehensive Income Account 219	(Note P)	p112.15.c.d	1,732,845	1,227,004	1,479,925
99	Account 219-1	(Note P)	p119.53.c&d	3,323,160	3,474,616	3,398,888
101	Long Term Debt	(Note P)	p112.18.c.d thru 23.c.d	6,312,375,094	6,861,859,145	6,587,117,120
102	Loss on Reacquired Debt	(Note P)	p111.81.c.d	74,029,072	66,774,576	70,401,824
103	Gain on Reacquired Debt	(Note P)	p113.81.c.d	0	0	0
104	ADT associated with Gain or Loss on Reacquired Debt	(Note P)	p277.3.k.(footnote)	16,982,115	16,982,115	16,982,115
106	Preferred Stock	(Note P)	p112.3.c.d	0	0	0

MultiState Workpaper

Line #s	Descriptions	Notes	Page #'s & Instructions	State 1	State 2	State 3
121	Income Tax Rates SIT=State Income Tax Rate or Composite	(Note I)			NJ 9.00%	

Amortized Investment Tax Credit

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
125	Amortized Investment Tax Credit	(Note O)	p266.8.f	868,656

Excluded Transmission Facilities

Line #s	Descriptions	Notes	Page #'s & Instructions	Form 1 Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Form 1 Dec	Average
141	Excluded Transmission Facilities	(Note B & M)		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Interest on Outstanding Network Credits Cost Support

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
147	Interest on Network Credits	(Note N & O)		0

Facility Credits under Section 30.9 of the PJM OATT

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
163	Revenue Requirement Facility Credits under Section 30.9 of the PJM OATT			0

PJM Load Cost Support

Line #s	Descriptions	Notes	Page #'s & Instructions	1 CP Peak
165	Network Zonal Service Rate 1 CP Peak	(Note L)	PJM Data	9,800.3

Abandoned Transmission Projects

Line #s	Descriptions	Notes	Page #'s & Instructions	BRH Project	Project X	Project Y
Attachment 7 a	Beginning Balance of Unamortized Transmission Projects		Per FERC Order	\$ -	\$ -	\$ -
b	Years remaining in Amortization Period		Per FERC Order	\$ -	\$ -	\$ -
81 c	Transmission Depreciation Expense Including Amortization of Limited Term Plant		(line a / line b)	\$ -	\$ -	\$ -
d	Ending Balance of Unamortized Transmission Projects		(line a - line c)	\$ -	\$ -	\$ -
e	Average Balance of Unamortized Abandoned Transmission Projects		(line a + d)/2	\$ -	\$ -	\$ -
g	Non Incentive Return and Income Taxes		(Appendix A line 137+ line 138)	\$ -	\$ -	\$ -
h	Rate Base		(Appendix A line 59)	\$ -	\$ -	\$ -
Attachment 7 i	Non Incentive Return and Income Taxes		(line g / line h)	\$ -	\$ -	\$ -
Docket No. ER12-2274-000 authorizing \$3,500,000 amortization over one-year recovery of BRH Abandoned Transmission Project				ER12-2274		

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 6 - True-up Adjustment for Network Integration Transmission Service - December 31, 2017

The True-Up Adjustment component of the Formula Rate for each Rate Year beginning with 2010 shall be determined as follows:

- (i) Beginning with 2009, no later than June 15 of each year PSE&G shall recalculate an adjusted Annual Transmission Revenue Requirement for the previous calendar year based on its actual costs as reflected in its Form No. 1 and its books and records for that calendar year, consistent with FERC accounting policies. ²
- (ii) PSE&G shall determine the difference between the recalculated Annual Transmission Revenue Requirement as determined in paragraph (i) above, and ATRR based on projected costs for the previous calendar year (True-Up Adjustment Before Interest).
- (iii) The True-Up Adjustment shall be determined as follows:
 True-Up Adjustment equals the True-Up Adjustment Before Interest multiplied by $(1+i)^{24}$ months
 Where: i = Sum of (the monthly rates for the 10 months ending October 31 of the current year and the monthly rates for the 12 months ending December 31 of the preceding year) divided by 21 months.

Summary of Formula Rate Process including True-Up Adjustment

Month	Year	Action
July	2008	TO populates the formula with Year 2008 estimated data
October	2008	TO populates the formula with Year 2009 estimated data
June	2009	TO populates the formula with Year 2008 actual data and calculates the 2008 True-Up Adjustment Before Interest
October	2009	TO calculates the Interest to include in the 2008 True-Up Adjustment
October	2009	TO populates the formula with Year 2010 estimated data and 2008 True-Up Adjustment
June	2010	TO populates the formula with Year 2009 actual data and calculates the 2009 True-Up Adjustment Before Interest
October	2010	TO calculates the Interest to include in the 2009 True-Up Adjustment
October	2010	TO populates the formula with Year 2011 estimated data and 2009 True-Up Adjustment
June	2011	TO populates the formula with Year 2010 actual data and calculates the 2010 True-Up Adjustment Before Interest
October	2011	TO calculates the Interest to include in the 2010 True-Up Adjustment
October	2011	TO populates the formula with Year 2012 estimated data and 2010 True-Up Adjustment
June	2012	TO populates the formula with Year 2011 actual data and calculates the 2011 True-Up Adjustment Before Interest
October	2012	TO calculates the Interest to include in the 2011 True-Up Adjustment
October	2012	TO populates the formula with Year 2013 estimated data and 2011 True-Up Adjustment
June	2013	TO populates the formula with Year 2012 actual data and calculates the 2012 True-Up Adjustment Before Interest
October	2013	TO calculates the Interest to include in the 2012 True-Up Adjustment
October	2013	TO populates the formula with Year 2014 estimated data and 2012 True-Up Adjustment
June	2014	TO populates the formula with Year 2013 actual data and calculates the 2013 True-Up Adjustment Before Interest
October	2014	TO calculates the Interest to include in the 2013 True-Up Adjustment
October	2014	TO populates the formula with Year 2015 estimated data and 2013 True-Up Adjustment
June	2015	TO populates the formula with Year 2014 actual data and calculates the 2014 True-Up Adjustment Before Interest
October	2015	TO calculates the Interest to include in the 2014 True-Up Adjustment
October	2015	TO populates the formula with Year 2016 estimated data and 2014 True-Up Adjustment
June	2016	TO populates the formula with Year 2015 actual data and calculates the 2015 True-Up Adjustment Before Interest
October	2016	TO calculates the Interest to include in the 2015 True-Up Adjustment
October	2016	TO populates the formula with Year 2017 estimated data and 2015 True-Up Adjustment

Formula Rate was not in effect for 2006 or 2007.

² To the extent possible each input to the Formula Rate used to calculate the actual Annual Transmission Revenue Requirement included in the True-Up Adjustment either will be taken directly from the FERC Form No. 1 or will be reconcilable to the FERC Form 1 by the application of clearly identified and supported information. If the reconciliation is provided through a worksheet included in the filed Formula Rate template, the inputs to the worksheet must meet this transparency standard, and doing so will satisfy this transparency requirement for the amounts that are output from the worksheet and input to the main body of the Formula Rate.

Calendar Year Complete for Each Calendar Year beginning in 2009

A	ATRR based on actual costs included for the previous calendar year but excludes the true-up adjustment.	884,004,745	
B	ATRR based on projected costs included for the previous calendar year but excludes the true-up adjustment.	918,419,851	
C	Difference (A-B)	-34,415,106	-<Note: for the first rate year, divide this
D	Future Value Factor $(1+i)^{24}$	1.06904	reconciliation amount by 12 and multiply
E	True-up Adjustment (C*D)	-36,791,241	by the number of months and fractional
			months the rate was in effect.

Where:
 i = average interest rate as calculated below

Interest on Amount of Refunds or Surcharges		
Month	Yr	Month
January	Year 1	0.2800%
February	Year 1	0.2500%
March	Year 1	0.2800%
April	Year 1	0.2700%
May	Year 1	0.2800%
June	Year 1	0.2700%
July	Year 1	0.2800%
August	Year 1	0.2800%
September	Year 1	0.2700%
October	Year 1	0.2800%
November	Year 1	0.2700%
December	Year 1	0.2800%
January	Year 2	0.2800%
February	Year 2	0.2600%
March	Year 2	0.2800%
April	Year 2	0.2800%
May	Year 2	0.2900%
June	Year 2	0.2800%
July	Year 2	0.3000%
August	Year 2	0.3000%
September	Year 2	0.2900%
Average Interest Rate		0.2786%

Public Service Electric and Gas Company
 ATTACHMENT H-10A
 Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2017

Estimated Additions - 2017												
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
Other Projects PIS (Monthly additions)	Ridge Road 69kV Breaker Station (B1255) (monthly additions)	Cox's Corner- Lumberton 230kV Circuit (B1707) (monthly additions)	Sewaren Switch 230kV Conversion (B2276) (monthly additions)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B0436.10) (monthly additions)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B0436.21) (monthly additions)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B0436.22) (monthly additions)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B0436.33) (monthly additions)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B0436.60) (monthly additions)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B0436.70) (monthly additions)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B0436.81) (monthly additions)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B0436.83) (monthly additions)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B0436.84) (monthly additions)
	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
Dec-16	8,630,726,699	3,894,069	31,718,020	117,787,484	174,934,564	23,542,140	23,542,140	379,627	379,627	379,627	746,033	746,033
Jan	7,018,333.00			200,000								
Feb	809,333.00			200,000								
Mar	74,545,333.00			150,000								
Apr	10,954,333.00											
May	135,078,869.35				831,844	831,844	831,844				100,000	100,000
Jun	276,465,893.00						14,245,750	14,245,750	14,245,750	14,245,750	9,202,909	9,202,909
Jul	3,876,333.00						111,111	111,111	111,111	111,111	111,111	111,111
Aug	4,113,333.00											
Sep	27,941,333.00											
Oct	31,860,185.00	31,698,148										
Nov	54,119,492.00	50,000						3,052,841				
Dec	298,274,629.00	54,000					334,949	30,440,109	334,949	334,949	334,949	334,949
Total	9,555,785,098	35,696,237	31,718,020	118,337,484	175,766,388	24,373,985	24,373,985	15,071,438	48,229,438	15,071,438	24,740,752	24,740,752

Public Service Electric and Gas Company
 ATTACHMENT H-10A
 Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2017

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Estimated Transmission Enhancement Charges (Before True-Up) - 2017												
Total Projects	Branchburg (B0130)	Kittatinny (B0134)	Essex Aldene (B0145)	New Freedom Trans (B0411)	New Freedom Loop (B0498)	Metuchen Transformer (B0161)	Branchburg-Flagtown-Somerville (B0169)	Flagtown-Somerville-Bridgewater (B0170)	Roseland Transformers (B0274)	Wave Trap Branchburg (B0172.2)	Reconductor Hudson - South Waterfront (B0813)	Reconductor South Mahwah J-3410 Circuit (B1017)
583,935,897	2,176,785	882,891	9,471,778	2,398,697	3,045,575	2,954,897	1,795,196	784,820	2,410,045	3,081	1,082,298	2,463,182

Actual Transmission Enhancement Charges - 2015												
Total Projects	Branchburg (B0130)	Kittatinny (B0134)	Essex Aldene (B0145)	New Freedom Trans (B0411)	New Freedom Loop (B0498)	Metuchen Transformer (B0161)	Branchburg-Flagtown-Somerville (B0169)	Flagtown-Somerville-Bridgewater (B0170)	Roseland Transformers (B0274)	Wave Trap Branchburg (B0172.2)	Reconductor Hudson - South Waterfront (B0813)	Reconductor South Mahwah J-3410 Circuit (B1017)
441,614,467	2,397,208	970,986	10,416,881	2,639,133	3,346,067	3,244,794	1,871,555	862,264	2,646,618	3,388	1,187,289	2,701,236

Reconciliation by Project (without interest)												
Total Projects	Branchburg (B0130)	Kittatinny (B0134)	Essex Aldene (B0145)	New Freedom Trans (B0411)	New Freedom Loop (B0498)	Metuchen Transformer (B0161)	Branchburg-Flagtown-Somerville (B0169)	Flagtown-Somerville-Bridgewater (B0170)	Roseland Transformers (B0274)	Wave Trap Branchburg (B0172.2)	Reconductor Hudson - South Waterfront (B0813)	Reconductor South Mahwah J-3410 Circuit (B1017)
(37,470,926)	(240,601)	9,698	(1,329,286)	(265,195)	(388,081)	931,538	8,414	(181,331)	431,576	(12,049)	(328,205)	494,896

Interest	1,06904	1,06904	1,06904	1,06904	1,06904	1,06904	1,06904	1,06904	1,06904	1,06904	1,06904	1,06904
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True Up by Project (with interest) - 2015												
Total Projects	Branchburg (B0130)	Kittatinny (B0134)	Essex Aldene (B0145)	New Freedom Trans (B0411)	New Freedom Loop (B0498)	Metuchen Transformer (B0161)	Branchburg-Flagtown-Somerville (B0169)	Flagtown-Somerville-Bridgewater (B0170)	Roseland Transformers (B0274)	Wave Trap Branchburg (B0172.2)	Reconductor Hudson - South Waterfront (B0813)	Reconductor South Mahwah J-3410 Circuit (B1017)
(40,058,045)	(257,213)	10,271	(1,421,064)	(283,505)	(414,875)	995,855	8,994	(193,851)	461,373	(12,881)	(350,866)	529,065

Estimated Transmission Enhancement Charges (After True-Up) - 2017												
Total Projects	Branchburg (B0130)	Kittatinny (B0134)	Essex Aldene (B0145)	New Freedom Trans (B0411)	New Freedom Loop (B0498)	Metuchen Transformer (B0161)	Branchburg-Flagtown-Somerville (B0169)	Flagtown-Somerville-Bridgewater (B0170)	Roseland Transformers (B0274)	Wave Trap Branchburg (B0172.2)	Reconductor Hudson - South Waterfront (B0813)	Reconductor South Mahwah J-3410 Circuit (B1017)
543,877,952	1,919,572	893,162	8,050,714	2,115,192	2,630,700	3,950,752	1,804,191	590,969	2,871,418	(9,800)	731,433	2,992,247

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment GA - Project Specific Estimate and Reconciliation Worksheet - December 31, 2017

Estimated Additions - 2017													
(N)	(O)	(P)	(R)	(S)	(T)	(U)	(V)	(W)	(X)	(Y)	(Z)	(AA)	(AB)
Convert the Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85) (monthly additions)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90) (monthly additions)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (monthly additions)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (monthly additions)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20) (monthly additions)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21) (monthly additions)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30) (monthly additions)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (monthly additions)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21) (monthly additions)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (monthly additions)	Construct a new Bayonne 345 kV circuit and any associated substation upgrades (B2436.33) (monthly additions)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34) (monthly additions)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50) (monthly additions)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to 345 kV, and any associated substation upgrades (B2436.60) (monthly additions)
(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	CWIP	CWIP	CWIP	CWIP	CWIP	CWIP	CWIP
746,033	28,424,889	25,651,961	25,651,961	378,627	378,627	2,198,436	4,625,362	14,778,172	3,714,412	49,155,059	38,606,395	24,972,388	14,218,134
							200,891	1,514,456	1,514,456	4,471,494	2,983,818	2,445,601	1,492,800
							157,145	772,139	772,139	1,615,457	5,294,067	3,772,152	2,011,913
							84,346	2,665,294	2,665,294	10,402,961	3,908,591	2,726,938	1,464,903
							70,466	1,139,869	1,139,869	5,544,882	8,324,360	3,755,273	1,697,247
							(750,521)	278,546	278,546	2,766,124	693,122	668,620	4,604,903
							240,780	1,006,698	1,007,433	(10,134,914)	(2,391,753)	3,673,331	(10,831,235)
							165,541	514,043	549,243	14,398,652	10,969,071	3,344,325	1,364,897
							143,039	141,297	173,205	7,110,731	5,690,922	2,418,229	1,459,955
							143,996	71,435	104,310	9,564,096	3,942,417	1,019,996	1,505,400
							117,436	57,308	84,551	4,363,711	3,130,713	761,545	5,763,798
							99,697	837,601	837,601	3,619,909	7,113,736	496,425	(705,983)
							(3,027,181)	150,811	423,870	231,110	11,738,046	206,651	(19,809,090)
334,949	29,256,534	25,651,961	25,651,961	15,071,438	15,071,438	58,015,888	2,271,018	23,927,668	13,263,928	103,139,173	100,004,406	50,261,443	4,257,610

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2017

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Estimated Transmission Enhancement Charges (Before True-Up) - 2017													
Reconductor South Mahwah K-3411 Circuit (B1018)	Branchburg 400 MVAR Capacitor (B0290)	Saddle Brook - Athenia Upgrade Cable (B0472)	Branchburg-Somerville-Flagtown Reconductor (B0664 & B0665)	Somerville-Bridgewater Reconductor (B0668)	New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie (B0814)	Salem 500 kV breakers (B1410-B1415)	230kV Lawrence Switching Station Upgrade (B1228)	Branchburg-Middlesex Switch Rack (B1155)	Aldene-Springfield Rd. Conversion (B1399)	Upgrade Camden-Richmond 230kV Circuit (B1590)	Susquehanna Roseland Breakers (B0489.5-B0489.15)	Susquehanna Roseland < 500KV (B0489.4)	Susquehanna Roseland > 500KV (B0489)
2,557,912	9,808,871	1,757,923	2,272,904	783,889	5,685,123	1,979,240	2,755,781	8,650,024	9,280,898	1,449,606	737,976	5,413,780	97,799,286

Actual Transmission Enhancement Charges - 2015													
Reconductor South Mahwah K-3411 Circuit (B1018)	Branchburg 400 MVAR Capacitor (B0290)	Saddle Brook - Athenia Upgrade Cable (B0472)	Branchburg-Somerville-Flagtown Reconductor (B0664 & B0665)	Somerville-Bridgewater Reconductor (B0668)	New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie (B0814)	Salem 500 kV breakers (B1410-B1415)	230kV Lawrence Switching Station Upgrade (B1228)	Branchburg-Middlesex Switch Rack (B1155)	Aldene-Springfield Rd. Conversion (B1399)	Upgrade Camden-Richmond 230kV Circuit (B1590)	Susquehanna Roseland Breakers (B0489.5-B0489.15)	Susquehanna Roseland < 500KV (B0489.4)	Susquehanna Roseland > 500KV (B0489)
2,804,096	10,749,859	1,926,521	2,491,058	858,935	6,228,271	2,168,874	3,017,865	8,688,697	10,056,881	1,570,150	808,174	5,917,569	103,713,135

Reconciliation by Project (without interest)													
Reconductor South Mahwah K-3411 Circuit (B1018)	Branchburg 400 MVAR Capacitor (B0290)	Saddle Brook - Athenia Upgrade Cable (B0472)	Branchburg-Somerville-Flagtown Reconductor (B0664 & B0665)	Somerville-Bridgewater Reconductor (B0668)	New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie (B0814)	Salem 500 kV breakers (B1410-B1415)	230kV Lawrence Switching Station Upgrade (B1228)	Branchburg-Middlesex Switch Rack (B1155)	Aldene-Springfield Rd. Conversion (B1399)	Upgrade Camden-Richmond 230kV Circuit (B1590)	Susquehanna Roseland Breakers (B0489.5-B0489.15)	Susquehanna Roseland < 500KV (B0489.4)	Susquehanna Roseland > 500KV (B0489)
54,049	101,112	91,169	387,496	(126,234)	(406,739)	(69,504)	(1,700,687)	2,496,384	5,237,330	1,570,150	(486,948)	1,122,037	(8,317,198)
1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904

True Up by Project (with interest) - 2015													
Reconductor South Mahwah K-3411 Circuit (B1018)	Branchburg 400 MVAR Capacitor (B0290)	Saddle Brook - Athenia Upgrade Cable (B0472)	Branchburg-Somerville-Flagtown Reconductor (B0664 & B0665)	Somerville-Bridgewater Reconductor (B0668)	New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie (B0814)	Salem 500 kV breakers (B1410-B1415)	230kV Lawrence Switching Station Upgrade (B1228)	Branchburg-Middlesex Switch Rack (B1155)	Aldene-Springfield Rd. Conversion (B1399)	Upgrade Camden-Richmond 230kV Circuit (B1590)	Susquehanna Roseland Breakers (B0489.5-B0489.15)	Susquehanna Roseland < 500KV (B0489.4)	Susquehanna Roseland > 500KV (B0489)
57,780	108,093	97,464	414,250	(134,949)	(434,822)	(74,302)	(1,818,108)	2,668,743	5,598,933	1,678,558	(520,569)	1,199,506	(8,891,446)

Estimated Transmission Enhancement Charges (After True-Up) - 2017													
Reconductor South Mahwah K-3411 Circuit (B1018)	Branchburg 400 MVAR Capacitor (B0290)	Saddle Brook - Athenia Upgrade Cable (B0472)	Branchburg-Somerville-Flagtown Reconductor (B0664 & B0665)	Somerville-Bridgewater Reconductor (B0668)	New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie (B0814)	Salem 500 kV breakers (B1410-B1415)	230kV Lawrence Switching Station Upgrade (B1228)	Branchburg-Middlesex Switch Rack (B1155)	Aldene-Springfield Rd. Conversion (B1399)	Upgrade Camden-Richmond 230kV Circuit (B1590)	Susquehanna Roseland Breakers (B0489.5-B0489.15)	Susquehanna Roseland < 500KV (B0489.4)	Susquehanna Roseland > 500KV (B0489)
2,615,692	9,916,964	1,855,386	2,687,154	648,940	5,250,301	1,904,937	937,673	11,318,767	14,879,631	3,128,164	217,407	6,613,287	88,907,841

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2017

Estimated Additions - 2017												
(AC)	(AD)	(AE)	(AF)	(AG)	(AH)	(AI)	(AJ)	(AK)	(AL)	(AM)	(AN)	(AO)
Construct a new Airport-Bayway 345 kV circuit and any associated substation upgrades (B2436.70) (monthly additions)	Relocate the overhead portion of Linden - North Ave "1" 138 kV Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81) (monthly additions)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83) (monthly additions)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84) (monthly additions)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85) (monthly additions)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90) (monthly additions)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91) (monthly additions)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (monthly additions)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (monthly additions)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20) (monthly additions)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21) (monthly additions)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30) (monthly additions)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33) (monthly additions)
CWIP	CWIP	CWIP	CWIP	CWIP	CWIP	CWIP	CWIP	CWIP	CWIP	CWIP	CWIP	CWIP
42,282,365	18,236,335	18,236,335	22,366,079	22,366,079	1,614,587	989,183	1,161,480	1,190,502	8,535,498	8,536,190	33,224,907	2,350,713
1,149,765	524,126	524,126	1,638,738	1,638,738	178,117	142,556	3,254	3,254	95,263	95,263	2,558,110	1,354,119
4,006,008	801,777	801,777	1,358,137	1,358,137	114,787	87,618	1,999	1,999	638,059	638,059	982,311	673,596
2,330,959	121,578	121,578	457,506	457,506	70,596	35,302	2,709	2,709	101,816	101,816	94,871	2,614,579
4,140,080	72,396	72,396	202,460	202,460	54,389	12,189	3,282	3,282	132,757	132,757	(362,165)	1,109,663
2,251,829	(8,761,866)	(8,761,866)	(8,738,200)	(8,738,200)	(766,599)	(753,083)	4,541	4,541	523,915	523,915	(36,136,389)	1,079,154
(10,744,291)	(10,983,937)	(10,983,937)	(17,222,953)	(17,222,953)	186,344	131,016	4,228	4,228	(9,697,733)	(9,698,467)	397,817	415,904
2,634,327	181,909	181,909	189,565	189,565	86,847	6,742	6,120	6,120	(56,647)	(56,647)	1,431,336	473,101
1,575,657	177,768	177,768	184,911	184,911	81,004	6,268	5,542	5,542	44,383	44,383	800,315	103,120
924,483	275,135	275,135	282,494	282,494	85,728	8,725	5,627	5,627	78,277	78,277	1,181,149	29,834
855,836	314,441	314,441	320,539	320,539	123,637	5,343	4,663	4,663	238,204	238,204	457,421	24,722
518,378	268,980	268,980	277,484	277,484	324,352	7,450	6,502	6,502	222,766	222,766	277,282	754,175
3,713,643	(1,175,507)	(1,175,507)	(1,316,761)	(1,316,761)	268,376	(659,909)	2,921	2,921	(856,557)	(856,514)	(4,916,965)	3,082,418
55,639,039	53,134	53,134	0	0	2,422,164	(0)	1,212,870	1,241,892	0	0	(0)	14,065,098

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2017

Estimated Transmission Enhancement Charges (Before True-Up) - 2017												
Burlington - Camden 230kV Conversion (B1156)	Mickleton-Gloucester-Camden(B1398)	North Central Reliability (West Orange Conversion) (B1154)	Northeast Grid Reliability Project (B1304.1- B1304.4)	Northeast Grid Reliability Project (B1304.5- B1304.21)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83)
44,933,061	56,992,730	46,192,451	81,902,152	47,792,699	23,318,838	3,199,550	3,199,550	1,090,341	1,464,046	1,090,341	1,908,566	1,908,566

Actual Transmission Enhancement Charges - 2015												
Burlington - Camden 230kV Conversion (B1156)	Mickleton-Gloucester-Camden(B1398)	North Central Reliability (West Orange Conversion) (B1154)	Northeast Grid Reliability Project (B1304.1- B1304.4)	Northeast Grid Reliability Project (B1304.5- B1304.21)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83)
47,814,854	39,857,912	50,370,637	46,859,053	-	-	-	-	2,441	2,441	2,441	2,441	2,441

Reconciliation by Project (without interest)												
Burlington - Camden 230kV Conversion (B1156)	Mickleton-Gloucester-Camden(B1398)	North Central Reliability (West Orange Conversion) (B1154)	Northeast Grid Reliability Project (B1304.1- B1304.4)	Northeast Grid Reliability Project (B1304.5- B1304.21)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83)
(15,649,808)	(3,407,055)	(45,038,492)	(19,684,688)	-	(170,148)	-	-	-	2,441	2,441	2,441	2,441

1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904
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True Up by Project (with interest) - 2015												
Burlington - Camden 230kV Conversion (B1156)	Mickleton-Gloucester-Camden(B1398)	North Central Reliability (West Orange Conversion) (B1154)	Northeast Grid Reliability Project (B1304.1- B1304.4)	Northeast Grid Reliability Project (B1304.5- B1304.21)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83)
(16,730,324)	(3,642,290)	(48,148,101)	(21,043,785)	-	(181,895)	-	-	2,610	2,610	2,610	2,610	2,610

Estimated Transmission Enhancement Charges (After True-Up) - 2017												
Burlington - Camden 230kV Conversion (B1156)	Mickleton-Gloucester-Camden(B1398)	North Central Reliability (West Orange Conversion) (B1154)	Northeast Grid Reliability Project (B1304.1- B1304.4)	Northeast Grid Reliability Project (B1304.5- B1304.21)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83)
28,202,737	53,350,440	(1,955,650)	60,858,367	47,792,699	23,136,943	3,199,550	3,199,550	1,092,991	1,466,656	1,092,991	1,911,176	1,911,176

Public Service Electric and Gas Company
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Estimated Transmission Enhancement Charges (Before True-Up) - 2017													
Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30)	Upgrade Eagle Point-Gloucester 230kV Circuit (B1588)	Mickleton-Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner-Lumberton 230kV Circuit (B1787)	Sewaren Switch 230kV Conversion (B2276)	Susquehanna Roseland < 500kV (B0489.4) (CWIP)
2,737,100	2,737,100	3,843,966	3,405,679	3,405,679	1,090,341	1,090,341	4,909,357	1,565,912	2,478,656	1,488,600	4,157,150	15,669,478	-

Actual Transmission Enhancement Charges - 2015													
Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30)	Upgrade Eagle Point-Gloucester 230kV Circuit (B1588)	Mickleton-Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner-Lumberton 230kV Circuit (B1787)	Sewaren Switch 230kV Conversion (B2276)	Susquehanna Roseland < 500kV (B0489.4) (CWIP)
2,441	2,441	-	-	-	2,441	2,441	-	1,282,387	1,375,013	-	1,096,185	928,580	-

Reconciliation by Project (without interest)													
Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30)	Upgrade Eagle Point-Gloucester 230kV Circuit (B1588)	Mickleton-Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner-Lumberton 230kV Circuit (B1787)	Sewaren Switch 230kV Conversion (B2276)	Susquehanna Roseland < 500kV (B0489.4) (CWIP)
2,441	2,441	-	-	-	2,441	2,441	-	524,773	297,158	(2,349,496)	1,096,185	928,580	1,437,708

1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904
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True Up by Project (with interest) - 2015													
Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30)	Upgrade Eagle Point-Gloucester 230kV Circuit (B1588)	Mickleton-Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner-Lumberton 230kV Circuit (B1787)	Sewaren Switch 230kV Conversion (B2276)	Susquehanna Roseland < 500kV (B0489.4) (CWIP)
2,610	2,610	-	-	-	2,610	2,610	-	561,005	317,675	(2,511,713)	1,171,869	992,693	1,536,972

Estimated Transmission Enhancement Charges (After True-Up) - 2017													
Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30)	Upgrade Eagle Point-Gloucester 230kV Circuit (B1588)	Mickleton-Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner-Lumberton 230kV Circuit (B1787)	Sewaren Switch 230kV Conversion (B2276)	Susquehanna Roseland < 500kV (B0489.4) (CWIP)
2,739,710	2,739,710	3,843,966	3,405,679	3,405,679	1,092,951	1,092,951	4,909,357	2,126,917	2,796,331	(1,023,113)	5,329,019	16,662,171	1,536,972

Public Service Electric and Gas Company
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Estimated Additions - 2017													
(BA)	(BB)	(BC)	(BD)	(BE)	(BF)	(BG)	(BH)	(BI)	(BJ)	(BK)	(BL)	(BM)	(BN)
Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34)
(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	CWIP	CWIP	CWIP	CWIP	CWIP
746.033	746.033	746.033	28,424,689	25,651,961	25,651,961	379,627	379,627	2,198,436	4,626,362	14,778,172	3,714,412	49,155,059	38,606,306
746.033	746.033	746.033	28,424,689	25,651,961	25,651,961	379,627	379,627	2,198,436	4,626,273	16,292,628	5,228,868	53,626,554	41,590,213
746.033	746.033	746.033	28,424,689	25,651,961	25,651,961	379,627	379,627	2,198,436	4,983,418	17,064,767	6,001,007	55,242,011	46,884,280
746.033	746.033	746.033	28,424,689	25,651,961	25,651,961	379,627	379,627	2,198,436	5,067,764	19,730,061	8,666,301	65,644,972	50,732,672
846.033	846.033	846.033	28,424,689	25,651,961	25,651,961	379,627	379,627	2,798,436	5,136,231	20,869,930	9,806,170	71,189,854	59,117,231
10,048,942	10,048,942	10,048,942	29,256,534	25,651,961	25,651,961	379,627	379,627	58,015,888	4,387,710	21,148,476	10,084,716	73,955,979	59,810,353
24,294,692	35,764,036	35,764,036	29,256,534	25,651,961	25,651,961	14,625,377	14,625,377	58,015,888	4,628,490	22,155,174	11,092,149	63,821,065	57,418,600
24,405,803	35,875,147	35,875,147	29,256,534	25,651,961	25,651,961	14,736,488	14,736,488	58,015,888	4,794,031	22,669,217	11,640,392	79,219,617	68,385,571
24,405,803	35,875,147	35,875,147	29,256,534	25,651,961	25,651,961	14,736,488	14,736,488	58,015,888	4,937,070	22,810,514	11,813,697	85,330,348	74,079,483
24,405,803	35,875,147	35,875,147	29,256,534	25,651,961	25,651,961	14,736,488	14,736,488	58,015,888	5,081,066	22,881,948	11,917,907	94,894,443	79,021,910
24,405,803	35,875,147	35,875,147	29,256,534	25,651,961	25,651,961	14,736,488	14,736,488	58,015,888	5,198,502	23,039,296	12,002,458	99,268,155	81,152,653
24,405,803	35,875,147	35,875,147	29,256,534	25,651,961	25,651,961	14,736,488	14,736,488	58,015,888	5,295,159	23,176,987	12,840,058	102,908,064	85,256,390
24,740,752	36,210,096	36,210,096	29,256,534	25,651,961	25,651,961	15,071,438	15,071,438	58,015,888	2,271,018	23,927,668	13,263,928	103,139,173	100,004,406
184,943,564	265,228,974	265,228,974	376,175,716	333,475,494	333,475,494	105,657,016	105,657,016	475,719,285	61,237,152	271,044,669	128,071,965	996,415,294	844,133,308
14,226,428	20,402,229	20,402,229	28,936,594	25,651,961	25,651,961	8,127,463	8,127,463	36,593,791	4,710,550	20,849,590	9,851,690	76,647,330	64,933,331
7.48	7.32	7.32	12.86	13.00	13.00	7.01	7.01	8.20	26.96	11.33	9.66	9.66	8.44
									4,710,550	20,849,590	9,851,690	76,647,330	64,933,331

Public Service Electric and Gas Company
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Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2017

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Estimated Transmission Enhancement Charges (Before True-Up) - 2017													
Susquehanna Roseland => 500kV (B0489) (CWIP)	North Central Reliability (West Orange Conversion) (B1154) (CWIP)	Mickleton-Glooucester- Camden(B1398- B1398.7) (CWIP)	Mickleton-Glooucester- Camden Breakers (B1398.15-B1398.19) (CWIP)	Burlington - Camden 230kV Conversion (B1156) (CWIP)	Burlington - Camden 230kV Conversion (B1156.13- B1156.20) (CWIP)	Northeast Grid Reliability Project (B1304.1- B1304.4) (CWIP)	Northeast Grid Reliability Project (B1304.5-B1304.21) (CWIP)	Convert the Bergen Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (CWIP)	Convert the Marion- Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21) (CWIP)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (CWIP)	Construct a new Bayway Bayonne 345 kV circuit and any associated substation upgrades (B2436.33) (CWIP)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34) (CWIP)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50) (CWIP)
-	-	-	-	-	-	-	-	519,803	2,300,724	1,087,121	8,457,930	7,165,306	4,476,177

Actual Transmission Enhancement Charges - 2015													
Susquehanna Roseland => 500kV (B0489) (CWIP)	North Central Reliability (West Orange Conversion) (B1154) (CWIP)	Mickleton-Glooucester- Camden(B1398- B1398.7) (CWIP)	Mickleton-Glooucester- Camden Breakers (B1398.15-B1398.19) (CWIP)	Burlington - Camden 230kV Conversion (B1156) (CWIP)	Burlington - Camden 230kV Conversion (B1156.13- B1156.20) (CWIP)	Northeast Grid Reliability Project (B1304.1- B1304.4) (CWIP)	Northeast Grid Reliability Project (B1304.5-B1304.21) (CWIP)	Convert the Bergen Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (CWIP)	Convert the Marion- Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21) (CWIP)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (CWIP)	Construct a new Bayway Bayonne 345 kV circuit and any associated substation upgrades (B2436.33) (CWIP)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34) (CWIP)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50) (CWIP)
1,955,563	-	9,560,846	24,003	-	-	31,772,294	2,336,445	3,818,309	836,684	819,896	530,656	105,699	178,025

Reconciliation by Project (without interest)													
Susquehanna Roseland => 500kV (B0489) (CWIP)	North Central Reliability (West Orange Conversion) (B1154) (CWIP)	Mickleton-Glooucester- Camden(B1398- B1398.7) (CWIP)	Mickleton-Glooucester- Camden Breakers (B1398.15-B1398.19) (CWIP)	Burlington - Camden 230kV Conversion (B1156) (CWIP)	Burlington - Camden 230kV Conversion (B1156.13- B1156.20) (CWIP)	Northeast Grid Reliability Project (B1304.1- B1304.4) (CWIP)	Northeast Grid Reliability Project (B1304.5-B1304.21) (CWIP)	Convert the Bergen Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (CWIP)	Convert the Marion- Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21) (CWIP)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (CWIP)	Construct a new Bayway Bayonne 345 kV circuit and any associated substation upgrades (B2436.33) (CWIP)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34) (CWIP)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50) (CWIP)
(1,773,865)	14,932,131	46,065	(83,909)	8,889,934	(1,345,566)	21,906,193	(2,492,734)	2,028,469	401,257	390,077	10,765	(193,155)	14,023

1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904
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True Up by Project (with interest) - 2015													
Susquehanna Roseland => 500kV (B0489) (CWIP)	North Central Reliability (West Orange Conversion) (B1154) (CWIP)	Mickleton-Glooucester- Camden(B1398- B1398.7) (CWIP)	Mickleton-Glooucester- Camden Breakers (B1398.15-B1398.19) (CWIP)	Burlington - Camden 230kV Conversion (B1156) (CWIP)	Burlington - Camden 230kV Conversion (B1156.13- B1156.20) (CWIP)	Northeast Grid Reliability Project (B1304.1- B1304.4) (CWIP)	Northeast Grid Reliability Project (B1304.5-B1304.21) (CWIP)	Convert the Bergen Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (CWIP)	Convert the Marion- Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21) (CWIP)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (CWIP)	Construct a new Bayway Bayonne 345 kV circuit and any associated substation upgrades (B2436.33) (CWIP)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34) (CWIP)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50) (CWIP)
(1,896,338)	15,963,096	49,246	(89,702)	9,503,725	(1,438,469)	23,416,670	(2,664,841)	2,168,522	428,961	417,010	11,508	(206,491)	14,991

Estimated Transmission Enhancement Charges (After True-Up) - 2017													
Susquehanna Roseland => 500kV (B0489) (CWIP)	North Central Reliability (West Orange Conversion) (B1154) (CWIP)	Mickleton-Glooucester- Camden(B1398- B1398.7) (CWIP)	Mickleton-Glooucester- Camden Breakers (B1398.15-B1398.19) (CWIP)	Burlington - Camden 230kV Conversion (B1156) (CWIP)	Burlington - Camden 230kV Conversion (B1156.13- B1156.20) (CWIP)	Northeast Grid Reliability Project (B1304.1- B1304.4) (CWIP)	Northeast Grid Reliability Project (B1304.5-B1304.21) (CWIP)	Convert the Bergen Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (CWIP)	Convert the Marion- Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21) (CWIP)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (CWIP)	Construct a new Bayway Bayonne 345 kV circuit and any associated substation upgrades (B2436.33) (CWIP)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34) (CWIP)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50) (CWIP)
(1,896,338)	15,963,096	49,246	(89,702)	9,503,725	(1,438,469)	23,416,670	(2,664,841)	2,088,325	2,729,685	1,304,131	8,469,439	6,958,616	4,491,168

Public Service Electric and Gas Company
 ATTACHMENT H-10A
 Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2017

Estimated Additions - 2017														
(BO)	(BP)	(BQ)	(BR)	(BS)	(BT)	(BU)	(BV)	(BW)	(BX)	(BY)	(BZ)	(CA)	(CB)	(CC)
Construct a new North Ave. Airport 345 kV circuit and any associated substation upgrades (B2436.50)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33)
CWIP	CWIP	CWIP	CWIP	CWIP	CWIP	CWIP	CWIP	CWIP	CWIP	CWIP	CWIP	CWIP	CWIP	CWIP
24,972,988	14,218,134	42,282,365	18,236,335	18,236,335	22,366,079	22,366,079	1,614,587	969,193	1,161,480	1,190,502	8,535,498	8,536,190	33,234,907	2,350,713
27,417,988	15,710,934	43,432,130	18,760,460	18,760,460	24,004,817	24,004,817	1,792,704	1,111,740	1,164,734	1,193,755	8,630,761	8,631,453	35,793,017	3,704,832
31,190,140	17,722,847	47,438,137	19,562,238	19,562,238	25,362,954	25,362,954	1,907,491	1,199,355	1,166,733	1,195,755	9,268,820	9,269,511	36,775,328	4,378,428
33,916,949	19,157,749	49,769,096	19,893,815	19,893,815	25,820,461	25,820,461	1,975,087	1,235,257	1,169,442	1,198,463	9,370,635	9,371,327	36,870,200	4,993,007
37,672,221	20,884,997	53,909,176	19,756,211	19,756,211	26,022,921	26,022,921	2,032,476	1,247,447	1,172,724	1,201,745	9,503,392	9,504,084	36,508,035	8,102,670
38,340,841	25,489,899	56,161,005	10,994,345	10,994,345	17,284,721	17,284,721	1,265,877	494,364	1,177,265	1,206,287	10,027,307	10,027,999	37,146	9,181,824
42,014,172	14,658,864	45,416,715	10,408	10,408	61,767	61,767	1,452,221	625,380	1,181,493	1,210,515	329,675	329,675	769,462	8,597,728
45,558,097	16,023,511	49,051,042	192,317	192,317	251,333	251,333	1,539,068	632,122	1,187,613	1,216,636	272,895	272,895	2,200,799	10,070,829
47,776,726	17,483,486	49,626,699	370,086	370,086	436,244	436,244	1,620,072	636,390	1,193,156	1,222,178	317,310	317,310	3,001,113	10,173,949
48,796,723	18,998,896	50,551,182	645,220	645,220	718,738	718,738	1,705,799	647,116	1,198,783	1,227,805	395,587	395,544	4,182,262	10,203,783
49,558,367	24,772,684	51,407,018	959,661	959,661	1,039,277	1,039,277	1,829,437	652,459	1,203,446	1,232,468	633,791	633,748	4,639,693	10,238,595
50,054,792	24,056,700	51,925,356	1,228,641	1,228,641	1,316,761	1,316,761	2,153,798	659,908	1,203,949	1,238,971	856,537	856,514	4,819,965	10,582,680
50,261,443	4,267,610	55,639,039	53,134	53,134	0	0	2,422,164	(0)	1,212,870	1,241,852	0	0	(0)	14,065,098
527,331,247	233,466,121	645,698,999	110,452,871	110,452,871	144,686,074	144,686,074	23,313,771	10,112,723	15,399,688	15,776,971	58,142,161	58,146,053	199,263,415	110,034,048
40,563,942	17,958,932	49,662,231	8,496,375	8,496,375	11,129,698	11,129,698	1,793,367	777,902	1,184,591	1,213,613	4,472,474	4,472,773	15,327,955	8,464,158
10.49	54.84	11.60	2,078.76	2,078.76	13.00	13.00	9.63	13.00	12.70	12.70	13.00	13.00	13.00	7.82
40,563,942	17,958,932	49,662,231	8,496,375	8,496,375	11,129,698	11,129,698	1,793,367	777,902	1,184,591	1,213,613	4,472,474	4,472,773	15,327,955	8,464,158

Public Service Electric and Gas Company
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Estimated Transmission Enhancement Charges (Before True-Up) - 2017													
Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60) (CWIP)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70) (CWIP)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81) (CWIP)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83) (CWIP)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84) (CWIP)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85) (CWIP)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90) (CWIP)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91) (CWIP)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (CWIP)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (CWIP)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20) (CWIP)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21) (CWIP)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30) (CWIP)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33) (CWIP)
1,981,744	5,490,161	937,564	937,564	1,228,147	1,228,147	197,896	85,840	130,718	133,921	493,532	493,565	1,691,419	934,008

Actual Transmission Enhancement Charges - 2015													
Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60) (CWIP)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70) (CWIP)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81) (CWIP)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83) (CWIP)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84) (CWIP)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85) (CWIP)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90) (CWIP)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91) (CWIP)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (CWIP)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (CWIP)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20) (CWIP)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21) (CWIP)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30) (CWIP)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33) (CWIP)
209,207	414,795	249,912	249,912	236,839	236,839	849,382	780,003	1,506,352	1,530,122	148,281	148,345	101,157	20,804

Reconciliation by Project (without interest)													
Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60) (CWIP)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70) (CWIP)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81) (CWIP)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83) (CWIP)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84) (CWIP)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85) (CWIP)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90) (CWIP)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91) (CWIP)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (CWIP)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (CWIP)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20) (CWIP)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21) (CWIP)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30) (CWIP)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33) (CWIP)
174,669	143,477	40,974	40,974	26,959	26,959	420,618	370,802	624,921	648,692	133,935	133,998	(86,377)	8,401
1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904	1.06904

True Up by Project (with interest) - 2015													
Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60) (CWIP)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70) (CWIP)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81) (CWIP)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83) (CWIP)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84) (CWIP)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85) (CWIP)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90) (CWIP)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91) (CWIP)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (CWIP)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (CWIP)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20) (CWIP)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21) (CWIP)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30) (CWIP)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33) (CWIP)
186,728	153,383	43,803	43,803	28,821	28,821	449,659	396,404	668,068	693,479	143,182	143,250	(92,340)	8,981

Estimated Transmission Enhancement Charges (After True-Up) - 2017													
Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60) (CWIP)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70) (CWIP)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81) (CWIP)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83) (CWIP)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84) (CWIP)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85) (CWIP)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90) (CWIP)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91) (CWIP)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (CWIP)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (CWIP)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20) (CWIP)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21) (CWIP)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30) (CWIP)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33) (CWIP)
2,168,472	5,633,543	981,366	981,366	1,256,968	1,256,968	647,554	482,244	798,786	827,400	636,713	636,814	1,599,079	942,989

Public Service Electric and Gas Company
 ATTACHMENT H-10A
 Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2017

Page 1 of 19

1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if not a CIAC	Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	11.03%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	11.71%
5	C		Line B less Line A	0.68%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.60%

The FCR resulting from Formula in a given year is used for that year only.
 Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
 Per FERC Order dated December 30, 2011 in Docket No. ER12-26, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis-point transmission ROE as authorized by FERC to become effective January 1, 2012.
 For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is the 12 month average balance from Attach 4a, and Line 19 will be number of months to be amortized in year plus one.

	Details	Branchburg (B0130)			Kittatinny (B0134)			Essex Aldene (B0145)			New Freedom Trans (B0141)		
		Yes	No	FCR	Yes	No	FCR	Yes	No	FCR	Yes	No	FCR
10	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes	No	11.03%	Yes	No	11.03%	Yes	No	11.03%	Yes	No	11.03%
11	Useful life of the project	42			42			42			42		
12	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 20, otherwise "No"	No	No	11.03%	No	No	11.03%	No	No	11.03%	No	No	11.03%
13	Input the allowed increase in ROE	0	0		0	0		0	0		0	0	
14	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.03%	11.03%		11.03%	11.03%		11.03%	11.03%		11.03%	11.03%	
15	Line 14 plus (line 5 times line 15) / 100	11.03%	11.03%		11.03%	11.03%		11.03%	11.03%		11.03%	11.03%	
16	Service Account 101 or 106 if not yet classified - End of year balance	20,680,597	8,069,022		8,069,022	8,069,022		86,565,629	22,188,863		22,188,863	22,188,863	
17	Line 17 divided by line 12	492,395	192,120		192,120	192,120		2,061,086	528,306		528,306	528,306	
18	Months in service from Year placed in Service (0)	13.00	13.00		13.00	13.00		13.00	13.00		13.00	13.00	
19	depreciation expense from Year placed in Service (0)												
20	CWIP	2006	2007		2007	2007		2007	2007		2007	2007	
21	W 11.68 % ROE	20,680,597	492,395	4,652,471									
22	W Increased ROE	20,680,597	492,395	4,652,471									
23	W 11.68 % ROE	20,188,202	492,395	4,553,422	8,069,022	80,050	1,703,202	86,565,629	858,786	18,272,191	22,188,863	484,281	4,947,757
24	W Increased ROE	20,188,202	492,395	4,553,422	8,069,022	80,050	1,703,202	86,565,629	858,786	18,272,191	22,188,863	484,281	4,947,757
25	W 11.68 % ROE	19,695,807	492,395	4,454,372	7,988,972	192,120	1,799,169	85,706,843	2,061,086	19,301,739	21,704,582	528,306	4,894,366
26	W Increased ROE	19,695,807	492,395	4,454,372	7,988,972	192,120	1,799,169	85,706,843	2,061,086	19,301,739	21,704,582	528,306	4,894,366
27	W 11.68 % ROE	19,203,412	492,395	4,353,234	7,796,853	192,120	1,828,696	83,645,796	2,061,086	19,618,517	21,176,276	528,306	4,973,254
28	W Increased ROE	19,203,412	492,395	4,353,234	7,796,853	192,120	1,828,696	83,645,796	2,061,086	19,618,517	21,176,276	528,306	4,973,254
29	W 11.68 % ROE	18,711,016	492,395	4,095,968	7,604,733	192,120	1,856,722	81,584,670	2,061,086	17,773,557	20,647,970	528,306	4,504,919
30	W Increased ROE	18,711,016	492,395	4,095,968	7,604,733	192,120	1,856,722	81,584,670	2,061,086	17,773,557	20,647,970	528,306	4,504,919
31	W 11.68 % ROE	18,218,621	492,395	3,746,858	7,412,613	192,120	1,516,263	79,523,584	2,061,086	16,266,692	20,119,663	528,306	4,122,360
32	W Increased ROE	18,218,621	492,395	3,746,858	7,412,613	192,120	1,516,263	79,523,584	2,061,086	16,266,692	20,119,663	528,306	4,122,360
33	W 11.68 % ROE	17,726,226	492,395	3,154,416	7,220,494	192,120	1,276,451	77,462,497	2,061,086	13,693,952	19,591,357	528,306	3,470,422
34	W Increased ROE	17,726,226	492,395	3,154,416	7,220,494	192,120	1,276,451	77,462,497	2,061,086	13,693,952	19,591,357	528,306	3,470,422
35	W 11.68 % ROE	17,233,831	492,395	2,886,756	7,028,374	192,120	1,168,598	75,401,411	2,061,086	12,536,886	19,063,051	528,306	3,176,807
36	W Increased ROE	17,233,831	492,395	2,886,756	7,028,374	192,120	1,168,598	75,401,411	2,061,086	12,536,886	19,063,051	528,306	3,176,807
37	W 11.68 % ROE	16,741,436	492,395	2,555,172	6,836,255	192,120	1,034,441	73,340,324	2,061,086	11,097,629	18,534,745	528,306	2,812,043
38	W Increased ROE	16,741,436	492,395	2,555,172	6,836,255	192,120	1,034,441	73,340,324	2,061,086	11,097,629	18,534,745	528,306	2,812,043
39	W 11.68 % ROE	16,249,041	492,395	2,397,208	6,644,135	192,120	970,386	71,279,238	2,061,086	10,416,861	18,006,439	528,306	2,639,133
40	W Increased ROE	16,249,041	492,395	2,397,208	6,644,135	192,120	970,386	71,279,238	2,061,086	10,416,861	18,006,439	528,306	2,639,133
41	W 11.68 % ROE	15,756,645	492,395	2,316,538	6,452,016	192,120	939,068	69,218,152	2,061,086	10,074,454	17,478,132	528,306	2,551,745
42	W Increased ROE	15,756,645	492,395	2,316,538	6,452,016	192,120	939,068	69,218,152	2,061,086	10,074,454	17,478,132	528,306	2,551,745
43	W 11.68 % ROE	15,264,250	492,395	2,176,785	6,259,896	192,120	882,891	67,157,065	2,061,086	9,471,773	16,949,826	528,306	2,398,697
44	W Increased ROE	15,264,250	492,395	2,176,785	6,259,896	192,120	882,891	67,157,065	2,061,086	9,471,773	16,949,826	528,306	2,398,697

Public Service Electric and Gas Company
 ATTACHMENT H-10A
 Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2017

Page 2 of 19

1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if			
	if not a CIAC			
		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	11.03%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	11.71%
5	C		Line B less Line A	0.68%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.60%

The FCR resulting from Formula in a given year is used for that year only.
 Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
 Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis point transmission ROE adder as authorized by FERC to become effective January 1, 2012.
 For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 is the 13 month average balance from Attach 4a, and Line 18 will be number of months to be amortized in year plus one.

10	Details	New Freedom Loop (R0458)			Metuchen Transformer (R0161)			Branchburg-Flattown-Somerville (R0169)			Flattown-Somerville-Bridgewater (R0170)			
		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
11	*Yes* if a project under PJM OATT Schedule 12, otherwise *No*	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
12	Useful life of the project	42	42	42	42	42	42	42	42	42	42	42		
13	*Yes* if the customer has paid a lumpsum payment in the amount of the investment on line 29. Otherwise *No*	No	No	No	No	No	No	No	No	No	No	No		
14	Input the allowed increase in ROE	0	0	0	0	0	0	0	0	0	0	0		
15	From line 3 above if *No* on line 13 and From line 7 above if *Yes* on line 13	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%		
16	Line 14 plus (line 5 times line 15)/100	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%		
17	Service Account 101 or 106 if not yet classified - End of year balance	27,005,248	25,799,055	15,731,554	6,961,495									
18	Line 17 divided by line 12	642,982	614,263	374,561	165,750									
19	Months in service for depreciation expense from Year placed in Service (if CWIP)	13.00	13.00	13.00	13.00									
20		2008	2009	2009	2008									
21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22	W 11.68 % ROE	2006												
23	W Increased ROE	2006												
24	W 11.68 % ROE	2007												
25	W Increased ROE	2007	24,921,237	88,646	837,584							6,961,495	25,372	239,734
26	W 11.68 % ROE	2008	24,921,237	88,646	837,584							6,961,495	25,372	239,734
27	W Increased ROE	2008	24,921,237	88,646	837,584							6,961,495	25,372	239,734
28	W 11.68 % ROE	2009	26,916,602	642,982	6,292,837	19,700,217	288,478	2,831,673	15,773,880	234,561	2,302,423	6,936,122	165,750	1,621,657
29	W Increased ROE	2009	26,916,602	642,982	6,292,837	19,700,217	288,478	2,831,673	15,773,880	234,561	2,302,423	6,936,122	165,750	1,621,657
30	W 11.68 % ROE	2010	26,273,620	642,982	5,703,044	25,468,527	613,738	5,522,598	15,539,319	375,568	3,368,301	6,770,372	165,750	1,469,662
31	W Increased ROE	2010	26,273,620	642,982	5,703,044	25,468,527	613,738	5,522,598	15,539,319	375,568	3,368,301	6,770,372	165,750	1,469,662
32	W 11.68 % ROE	2011	25,630,832	642,987	5,221,521	24,896,838	614,263	5,061,682	15,121,425	374,561	3,075,759	6,604,623	165,750	1,345,559
33	W Increased ROE	2011	25,630,832	642,987	5,221,521	24,896,838	614,263	5,061,682	15,121,425	374,561	3,075,759	6,604,623	165,750	1,345,559
34	W 11.68 % ROE	2012	24,987,652	642,982	4,395,482	24,282,576	614,263	4,260,879	14,746,864	374,561	2,589,159	6,438,873	165,750	1,132,702
35	W Increased ROE	2012	24,987,652	642,982	4,395,482	24,282,576	614,263	4,260,879	14,746,864	374,561	2,589,159	6,438,873	165,750	1,132,702
36	W 11.68 % ROE	2013	24,344,669	642,982	4,025,278	23,668,312	614,263	3,902,590	14,372,303	374,561	2,371,359	6,273,123	165,750	1,037,298
37	W Increased ROE	2013	24,344,669	642,982	4,025,278	23,668,312	614,263	3,902,590	14,372,303	374,561	2,371,359	6,273,123	165,750	1,037,298
38	W 11.68 % ROE	2014	23,701,687	642,982	3,563,358	23,054,049	614,263	3,454,841	13,997,743	374,561	2,099,276	6,107,373	165,750	918,263
39	W Increased ROE	2014	23,701,687	642,982	3,563,358	23,054,049	614,263	3,454,841	13,997,743	374,561	2,099,276	6,107,373	165,750	918,263
40	W 11.68 % ROE	2015	23,058,705	642,982	3,346,067	22,439,786	614,263	3,244,794	13,623,182	374,561	1,971,555	5,941,623	165,750	862,264
41	W Increased ROE	2015	23,058,705	642,982	3,346,067	22,439,786	614,263	3,244,794	13,623,182	374,561	1,971,555	5,941,623	165,750	862,264
42	W 11.68 % ROE	2016	22,415,723	642,982	3,238,044	21,825,523	614,263	3,140,998	13,248,621	374,561	1,908,350	5,775,874	165,750	834,421
43	W Increased ROE	2016	22,415,723	642,982	3,238,044	21,825,523	614,263	3,140,998	13,248,621	374,561	1,908,350	5,775,874	165,750	834,421
44	W 11.68 % ROE	2017	21,772,741	642,982	3,045,575	21,211,259	614,263	2,954,897	12,874,060	374,561	1,795,196	5,610,124	165,750	784,820
45	W Increased ROE	2017	21,772,741	642,982	3,045,575	21,211,259	614,263	2,954,897	12,874,060	374,561	1,795,196	5,610,124	165,750	784,820

Public Service Electric and Gas Company
Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2017

1	New Plant Carrying Charge				Page 3 of 19
2	Fixed Charge Rate (FCR) if not a CIAC				
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5	C		Line B less Line A	0.68%	
6	FCR if a CIAC				
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.60%	

The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.
For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 is the 13 month average balance from Attach 4a, and Line 19 will be number of months to be amortized in year plus one.

10	Details	Roseland Transformers (R0274)			Wave Train Branches (R01772)			Reconductor Hudson - South Walston (R013)			Reconductor South Mahwah J-3410 Circuit (R1417)		
		2009	2008	2011	2009	2008	2010	2009	2008	2010	2009	2008	2011
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
12	Useful life of the asset	42	42	42	42	42	42	42	42	42	42	42	42
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29. Otherwise "No"	No	No	No	No	No	No	No	No	No	No	No	No
14	Input the allowed increase in ROE	0	0	0	0	0	0	0	0	0	0	0	0
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%
16	Line 14 plus (line 5 times line 15)/100	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%
17	Service Account 101 or 106 if not yet classified - End of year balance	21,073,706	27,988	9,158,918	27,988	666	20,628,991	666	20,628,991	666	20,628,991	666	20,628,991
18	Line 17 divided by line 12	501,755	666	218,069	666	218,069	491,119	666	491,119	666	491,119	666	491,119
19	Months in service for depreciation expense from Year placed in Service (if CWIP)	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
20		2009	2008	2010	2009	2008	2010	2009	2008	2010	2009	2008	2011
21	Invest Yr	2006	2006	2006	2006	2006	2006	2006	2006	2006	2006	2006	2006
22	W 11.68 % ROE	21,092,458	268,347	2,634,066	35,792	866	8,379	8,806,222	18,700	169,959	20,623,951	300,198	2,435,793
23	W Increased ROE	21,092,458	268,347	2,634,066	35,792	866	8,379	8,806,222	18,700	169,959	20,623,951	300,198	2,435,793
24	W 11.68 % ROE	20,797,967	501,579	4,507,079	27,122	666	5,890	8,806,222	18,700	169,959	20,623,951	300,198	2,435,793
25	W Increased ROE	20,797,967	501,579	4,507,079	27,122	666	5,890	8,806,222	18,700	169,959	20,623,951	300,198	2,435,793
26	W 11.68 % ROE	20,302,520	501,725	4,128,443	25,878	666	5,289	9,140,218	218,069	1,850,822	20,623,951	300,198	2,435,793
27	W Increased ROE	20,302,520	501,725	4,128,443	25,878	666	5,289	9,140,218	218,069	1,850,822	20,623,951	300,198	2,435,793
28	W 11.68 % ROE	19,802,055	501,755	3,475,512	25,212	666	4,453	8,922,149	218,069	1,557,946	20,326,793	491,119	3,543,678
29	W Increased ROE	19,802,055	501,755	3,475,512	25,212	666	4,453	8,922,149	218,069	1,557,946	20,326,793	491,119	3,543,678
30	W 11.68 % ROE	19,300,300	501,755	3,183,218	24,546	666	4,077	8,704,079	218,069	1,427,360	19,835,674	491,119	3,246,963
31	W Increased ROE	19,300,300	501,755	3,183,218	24,546	666	4,077	8,704,079	218,069	1,427,360	19,835,674	491,119	3,246,963
32	W 11.68 % ROE	18,798,545	501,755	2,817,996	23,880	666	3,609	8,486,010	218,069	1,263,663	19,344,555	491,119	2,874,636
33	W Increased ROE	18,798,545	501,755	2,817,996	23,880	666	3,609	8,486,010	218,069	1,263,663	19,344,555	491,119	2,874,636
34	W 11.68 % ROE	18,296,790	501,755	2,646,618	23,213	666	3,388	8,267,940	218,069	1,187,289	18,853,437	491,119	2,701,236
35	W Increased ROE	18,296,790	501,755	2,646,618	23,213	666	3,388	8,267,940	218,069	1,187,289	18,853,437	491,119	2,701,236
36	W 11.68 % ROE	17,795,036	501,755	2,561,882	22,547	666	3,277	8,049,871	218,069	1,150,001	18,362,318	491,119	2,616,920
37	W Increased ROE	17,795,036	501,755	2,561,882	22,547	666	3,277	8,049,871	218,069	1,150,001	18,362,318	491,119	2,616,920
38	W 11.68 % ROE	17,293,281	501,755	2,410,045	21,880	666	3,081	7,831,801	218,069	1,082,298	17,871,199	491,119	2,463,182
39	W Increased ROE	17,293,281	501,755	2,410,045	21,880	666	3,081	7,831,801	218,069	1,082,298	17,871,199	491,119	2,463,182

Public Service Electric and Gas Company
 ATTACHMENT H-10A
 Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2017

Page 4 of 19

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2	Fixed Charge Rate (FCR) if not a CIAC	Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	11.03%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	11.71%
5	C		Line B less Line A	0.68%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.60%

The FCR resulting from Formula in a given year is used for that year only.
 Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
 Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.
 For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 is the 13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.

	Details	Reconductor South Mahwah K-3411 Circuit (R1918)			Branchburg 400 MVSE Capacitor (R0296)			Saddle Brook - Ahenia Upgrade Cable (R0472)			Branchburg-Sommerville-Flagtown Reconductor (R0664 & R0665)		
		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization
10	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"		Yes		Yes		Yes		Yes		Yes		Yes
11	Useful life of the project		42		42		42		42		42		42
12	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 20. Otherwise "No"		No		No		No		No		No		No
13	Input the allowed increase in ROE		0		0		0		0		0		0
14	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13		11.03%		11.03%		11.03%		11.03%		11.03%		11.03%
15	Line 14 plus (line 5 times line 15)/100		11.03%		11.03%		11.03%		11.03%		11.03%		11.03%
16	Service Account 101 or 106 if not yet classified - End of year balance		21,170,273		80,435,315		14,404,842		18,664,931		444,403		13,000
17	Line 17 divided by line 12		504,054		1,915,127		342,972		444,403		13,000		13,000
18	Months in service for depreciation expense from Year placed in Service (0 if CWIP)		2011		2012		2012		2012		2012		2012

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1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if not a CIAC			
3	A	152	Net Plant Carrying Charge without Depreciation	11.03%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	11.71%
5	C		Line B less Line A	0.68%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.60%

The FCR resulting from Formula in a given year is used for that year only.
Therefore, actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.
For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 is the 13 month average balance from Attach 4a, and Line 19 will be number of months to be amortized in year plus one.

	Details	Tommy/Bk Breaker/Reconductor (B0261)			New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie (B014)			Salem 500 kV breakers (B1410-B1415)			230kV Lawrence Switching Station Upgrade (B1228)			
		Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	
10	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"													
11	Useful life of the asset	42	Yes	42	Yes	42	Yes	42	Yes	42	Yes	42		
12	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 20, otherwise "No"													
13	Input the allowed increase in ROE	0	No	0	No	0	No	0	No	0	No	0		
14	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%		
15	Line 14 plus (line 5 times line 15)/100	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%		
16	Service Account 101 or 106 if not yet classified - End of year balance	6,390,403	Investment	46,073,245	Investment	46,073,245	15,876,913	Investment	22,040,646	Investment	22,040,646			
17	Line 17 divided by line 12	152.152	Annual Depreciation or Amort Exp	1,096,982	Annual Depreciation or Amort Exp	1,096,982	378,022	Annual Depreciation or Amort Exp	524,777	Annual Depreciation or Amort Exp	524,777			
18	Months in service for depreciation expense from Year placed in Service (0 if CWP)	13.00	Months in service for depreciation expense from Year placed in Service (0 if CWP)	13.00	Months in service for depreciation expense from Year placed in Service (0 if CWP)	13.00	Months in service for depreciation expense from Year placed in Service (0 if CWP)	13.00	Months in service for depreciation expense from Year placed in Service (0 if CWP)	Months in service for depreciation expense from Year placed in Service (0 if CWP)	Months in service for depreciation expense from Year placed in Service (0 if CWP)	Months in service for depreciation expense from Year placed in Service (0 if CWP)		
19		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012		
20														
21	W 11.68 % ROE	Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22	W Increased ROE	2006												
23	W 11.68 % ROE	2007												
24	W Increased ROE	2007												
25	W 11.68 % ROE	2008												
26	W Increased ROE	2008												
27	W 11.68 % ROE	2009												
28	W Increased ROE	2009												
29	W 11.68 % ROE	2010												
30	W Increased ROE	2010												
31	W 11.68 % ROE	2011												
32	W Increased ROE	2011												
33	W 11.68 % ROE	2012	4,404,012	57,853	422,751	22,800,866	123,008	898,857	2,640,253	9,537	73,000	7,275,941	108,279	790,336
34	W Increased ROE	2012	4,404,012	57,853	422,751	22,800,866	123,008	898,857	2,640,253	9,537	73,000	7,275,941	108,279	790,336
35	W 11.68 % ROE	2013	6,291,725	151,180	1,025,313	45,385,800	1,083,543	7,389,162	9,926,683	192,972	1,305,797	22,127,065	248,542	1,698,840
36	W Increased ROE	2013	6,291,725	151,180	1,025,313	45,385,800	1,083,543	7,389,162	9,926,683	192,972	1,305,797	22,127,065	248,542	1,698,840
37	W 11.68 % ROE	2014	6,181,332	152,152	913,777	44,747,660	1,094,148	6,607,679	15,445,872	289,093	1,755,636	21,792,104	524,777	3,209,866
38	W Increased ROE	2014	6,181,332	152,152	913,777	44,747,660	1,094,148	6,607,679	15,445,872	289,093	1,755,636	21,792,104	524,777	3,209,866
39	W 11.68 % ROE	2015	6,029,218	152,152	858,935	43,772,546	1,096,982	6,228,271	15,276,916	378,019	2,168,874	21,267,527	524,777	3,017,865
40	W Increased ROE	2015	6,029,218	152,152	858,935	43,772,546	1,096,982	6,228,271	15,276,916	378,019	2,168,874	21,267,527	524,777	3,017,865
41	W 11.68 % ROE	2016	5,878,038	152,152	832,651	42,680,131	1,096,983	6,038,051	15,330,967	388,479	2,163,341	20,742,550	524,777	2,926,137
42	W Increased ROE	2016	5,878,038	152,152	832,651	42,680,131	1,096,983	6,038,051	15,330,967	388,479	2,163,341	20,742,550	524,777	2,926,137
43	W 11.68 % ROE	2017	5,724,913	152,152	783,889	41,578,581	1,096,982	5,685,123	14,510,533	378,022	1,979,240	20,217,772	524,777	2,755,781
44	W Increased ROE	2017	5,724,913	152,152	783,889	41,578,581	1,096,982	5,685,123	14,510,533	378,022	1,979,240	20,217,772	524,777	2,755,781

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 Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2017

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1	New Plant Carrying Charge										
2	Fixed Charge Rate (FCR) if not a CIAC										
3	Formula Line										
4	A	152	Net Plant Carrying Charge without Depreciation			11.03%					
5	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation			11.71%					
6	C		Line B less Line A			0.68%					
7	FCR if a CIAC										
8	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes			1.60%					
<p>The FCR resulting from Formula in a given year is used for that year only. Therefore actual revenues collected in a year do not change based on cost data for subsequent years. Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis point transmission ROE adder as authorized by FERC to become effective January 1, 2012. For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 is the 13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.</p>											
10	Details	North Central Reliability (West Orange Conversion (B1154))		Northeast Grid Reliability Project (B1304-1-B1304-4)		Northeast Grid Reliability Project (B1304-5-B1304-21)					
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes		Yes		Yes					
12	Useful life of the project	42		42		42					
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29. Otherwise "No"	No		No		No					
14	Input the allowed increase in ROE	0		25		25					
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.03%		11.03%		11.03%					
16	Line 14 plus (line 5 times line 15)/100	11.03%		11.20%		11.20%					
17	Service Account 101 or 106 if not yet classified - End of year balance	370,184,658		625,991,050		351,791,077					
18	Investment	8,813,920		14,904,549		8,375,978					
19	Line 17 divided by line 12	13.00		13.00		13.00					
20	Months in service for depreciation expense from Year placed in Service (0 if CWIP)	2012		2013		2016					
21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22	W 11.68 % ROE	2006									
23	W Increased ROE	2006									
24	W 11.68 % ROE	2007									
25	W Increased ROE	2007									
26	W 11.68 % ROE	2008									
27	W Increased ROE	2008									
28	W 11.68 % ROE	2009									
29	W Increased ROE	2009									
30	W 11.68 % ROE	2010									
31	W Increased ROE	2010									
32	W 11.68 % ROE	2011									
33	W Increased ROE	2011									
34	W 11.68 % ROE	2012	16,441,748	30,113	220,046						
35	W Increased ROE	2012	16,441,748	30,113	220,046						
36	W 11.68 % ROE	2013	257,640,264	6,135,009	41,929,935	23,466,022	86,647	592,253			
37	W Increased ROE	2013	257,640,264	6,135,009	41,929,935	23,466,022	86,647	598,801			
38	W 11.68 % ROE	2014	360,673,484	7,742,354	47,135,528	274,113,325	2,382,627	14,708,781			
39	W Increased ROE	2014	360,673,484	7,742,354	47,135,528	274,113,325	2,382,627	14,884,013			
40	W 11.68 % ROE	2015	355,885,266	8,777,921	50,370,637	433,597,024	7,852,675	46,296,391			
41	W Increased ROE	2015	355,885,266	8,777,921	50,370,637	433,597,024	7,852,675	46,859,063			
42	W 11.68 % ROE	2016	345,570,065	8,768,102	48,774,658	828,555,066	17,720,856	102,541,677	153,948,340	1,985,885	11,640,166
43	W Increased ROE	2016	345,570,065	8,768,102	48,774,658	828,555,066	17,720,856	103,807,445	153,948,340	1,985,885	11,640,166
44	W 11.68 % ROE	2017	338,731,158	8,813,920	46,192,451	597,948,245	14,904,549	80,897,539	173,780,513	4,177,297	23,318,838
45	W Increased ROE	2017	338,731,158	8,813,920	46,192,451	597,948,245	14,904,549	81,902,152	351,791,077	8,375,978	47,792,699

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 Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2017

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1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if not a CIAC	Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	11.03%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	11.71%
5	C		Line B less Line A	0.68%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.60%

The FCR resulting from Formula in a given year is used for that year only.
 Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
 Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.
 For abandoned plant lines 12, 14, 15, and 19 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 is the 13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.

	Details		Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21)			Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22)			Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.43)			Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60)		
			Yes	No	ROE	Yes	No	ROE	Yes	No	ROE	Yes	No	ROE
10	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12 (Yes or No)	Yes	No	11.03%	Yes	No	11.03%	Yes	No	11.03%	Yes	No	11.03%
11	Useful life of the project	Life	42			42			42			42		
12	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 23. Otherwise "No"	CIAC (Yes or No)	No			No			No			No		
13	Input the allowed increase in ROE	Increased ROE (Basis Points)	0			0			0			0		
14	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE	11.03%			11.03%			11.03%			11.03%		
15	Line 14 plus (line 5 times line 15)/100	FCR for This Project	11.03%			11.03%			11.03%			11.03%		
16	Service Account 101 or 106 if not yet classified - End of year balance	Investment	24,373,985			24,373,985			15,071,438			48,229,438		
17	Line 17 divided by line 12	Annual Depreciation or Amort Exp	580,333			580,333			358,844			1,148,320		
18	Months in service for depreciation expense from Year placed in Service (if CWIP)		12.83			12.83			7.01			2.94		
19			2016			2016			2015			2015		
20														
21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22	W 11.68 % ROE	2006												
23	W Increased ROE	2006												
24	W 11.68 % ROE	2007												
25	W Increased ROE	2007												
26	W 11.68 % ROE	2008												
27	W Increased ROE	2008												
28	W 11.68 % ROE	2009												
29	W Increased ROE	2009												
30	W 11.68 % ROE	2010												
31	W Increased ROE	2010												
32	W 11.68 % ROE	2011												
33	W Increased ROE	2011												
34	W 11.68 % ROE	2012												
35	W Increased ROE	2012												
36	W 11.68 % ROE	2013												
37	W Increased ROE	2013												
38	W 11.68 % ROE	2014												
39	W Increased ROE	2014												
40	W 11.68 % ROE	2015							225,037	412	2,441	225,037	412	2,441
41	W Increased ROE	2015							225,037	412	2,441	225,037	412	2,441
42	W 11.68 % ROE	2016	19,694,890	252,499	1,480,230	19,694,890	252,499	1,480,230						
43	W Increased ROE	2016	19,694,890	252,499	1,480,230	19,694,890	252,499	1,480,230						
44	W 11.68 % ROE	2017	24,121,486	572,715	3,199,550	24,121,486	572,715	3,199,550	15,071,025	193,511	1,090,341	48,229,026	259,831	1,464,046
45	W Increased ROE	2017	24,121,486	572,715	3,199,550	24,121,486	572,715	3,199,550	15,071,025	193,511	1,090,341	48,229,026	259,831	1,464,046

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1			New Plant Carrying Charge		
2			Fixed Charge Rate (FCR) if not a CIAC		
		Formula Line			
3	A	152	Net Plant Carrying Charge without Depreciation		11.03%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation		11.71%
5	C		Line B less Line A		0.68%
6			FCR if a CIAC		
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes		1.60%

The FCR resulting from Formula in a given year is used for that year only.
 Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
 Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis point transmission ROE adder as authorized by FERC to become effective January 1, 2012.
 For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 is the 13 month average balance from Attach. 4a, and Line 19 will be number of months to be amortized in year plus one.

10	Details		Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70)			Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81)			Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83)			Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)		
			Yes	Yes	Yes	Yes	Yes	Yes	Yes					
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12 (Yes or No)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
12	Useful life of the project	Life	42	42	42	42	42	42	42	42	42	42	42	
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29. Otherwise "No"	CIAC (Yes or No)	No	No	No	No	No	No	No	No	No	No	No	
14	Input the allowed increase in ROE	Increased ROE (Basis Points)	0	0	0	0	0	0	0	0	0	0	0	
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment	15,071,438	24,740,752	24,740,752	24,740,752	24,740,752	24,740,752	24,740,752	24,740,752	24,740,752	24,740,752	24,740,752	
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp	358,844	589,066	589,066	589,066	589,066	589,066	589,066	589,066	589,066	589,066	589,066	
19	Months in service for depreciation expense from Year placed in Service (0 if CWP)		7.01	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	7.48	
20			2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	
21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22	W 11.68 % ROE	2006												
23	W Increased ROE	2006												
24	W 11.68 % ROE	2007												
25	W Increased ROE	2007												
26	W 11.68 % ROE	2008												
27	W Increased ROE	2008												
28	W 11.68 % ROE	2009												
29	W Increased ROE	2009												
30	W 11.68 % ROE	2010												
31	W Increased ROE	2010												
32	W 11.68 % ROE	2011												
33	W Increased ROE	2011												
34	W 11.68 % ROE	2012												
35	W Increased ROE	2012												
36	W 11.68 % ROE	2013												
37	W Increased ROE	2013												
38	W 11.68 % ROE	2014												
39	W Increased ROE	2014												
40	W 11.68 % ROE	2015	225,037	412	2,441	225,037	412	2,441	225,037	412	2,441	225,037	412	2,441
41	W Increased ROE	2015	225,037	412	2,441	225,037	412	2,441	225,037	412	2,441	225,037	412	2,441
42	W 11.68 % ROE	2016												
43	W Increased ROE	2016												
44	W 11.68 % ROE	2017	15,071,025	193,511	1,090,341	24,740,340	338,724	1,908,566	24,740,340	338,724	1,908,566	24,740,340	338,724	1,908,566
45	W Increased ROE	2017	15,071,025	193,511	1,090,341	24,740,340	338,724	1,908,566	24,740,340	338,724	1,908,566	24,740,340	338,724	1,908,566

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1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if			
	if not a CIAC			
	Formula Line			
3	A	152	Net Plant Carrying Charge without Depreciation	11.03%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	11.71%
5	C		Line B less Line A	0.68%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.60%

The FCR resulting from Formula in a given year is used for that year only.
Therefore, actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.
For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5: Abandoned Transmission Projects. Line 17 is the 13 month average balance from Attach 4a, and Line 19 will be number of months to be amortized in year plus one.

	Details	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85)			Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)			Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated upgrades (B2436.91)			New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)			
		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		
10	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	(Yes or No)												
11	Useful life of the asset	42	42	42	42	42	42	42	42	42	42	42	42	
12	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 20, otherwise "No"	(Yes or No)												
13	Input the allowed increase in ROE	11.68% (Basis Points)	0	0	0	0	0	0	0	0	0	0	0	
14	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	
15	Line 14 plus (line 5 times line 15)/100	FCR for This Project	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	
16	Service Account 101 or 106 if not yet classified - End of year balance	Investment	36,210,096	28,256,534	-	-	-	-	-	-	-	25,651,961	-	
17	Line 17 divided by line 12	Annual Depreciation or Amort Exp	862,145	696,584	-	-	-	-	-	-	-	610,761	-	
18	Months in service for depreciation expense from Year placed in Service (0 if CWP)		7.32	12.86	7.01	7.01	7.01	7.01	7.01	7.01	7.01	13.00	13.00	
19			2015	2016	2016	2016	2016	2016	2016	2016	2016	2016	2016	
20			Depreciation or Revenue			Depreciation or Revenue			Depreciation or Revenue			Depreciation or Revenue		
21		Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22	W 11.68 % ROE	2006												
23	W Increased ROE	2006												
24	W 11.68 % ROE	2007												
25	W Increased ROE	2007												
26	W 11.68 % ROE	2008												
27	W Increased ROE	2008												
28	W 11.68 % ROE	2009												
29	W Increased ROE	2009												
30	W 11.68 % ROE	2010												
31	W Increased ROE	2010												
32	W 11.68 % ROE	2011												
33	W Increased ROE	2011												
34	W 11.68 % ROE	2012												
35	W Increased ROE	2012												
36	W 11.68 % ROE	2013												
37	W Increased ROE	2013												
38	W 11.68 % ROE	2014												
39	W Increased ROE	2014												
40	W 11.68 % ROE	2015	225,037	412	2,441									
41	W Increased ROE	2015	225,037	412	2,441									
42	W 11.68 % ROE	2016				27,239,122	349,220	2,047,240	19,694,915	252,499	1,480,232	25,264,003	323,897	1,898,794
43	W Increased ROE	2016				27,239,122	349,220	2,047,240	19,694,915	252,499	1,480,232	25,264,003	323,897	1,898,794
44	W 11.68 % ROE	2017	36,209,684	485,767	2,737,100	28,907,314	688,967	3,843,966				25,328,064	610,761	3,405,679
45	W Increased ROE	2017	36,209,684	485,767	2,737,100	28,907,314	688,967	3,843,966				25,328,064	610,761	3,405,679

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ATTACHMENT H-10A
Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2017

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1			New Plant Carrying Charge		
2			Fixed Charge Rate (FCR) if not a CIAC		
			Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	11.03%	
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	11.71%	
5	C		Line B less Line A	0.68%	
6			FCR if a CIAC		
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.60%	

The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.
For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is the 13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.

	Details		New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)			New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20)			New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21)			New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30)		
			Yes	No	(Yes or No)	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
10	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12 (Yes or No)	Yes			Yes			Yes			Yes		
11	Useful life of the project	Life	42			42			42			42		
12	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 25, otherwise "No"	CIAC (Yes or No)	No			No			No			No		
13	Input the allowed increase in ROE	Increased ROE (Basis Points)	0			0			0			0		
14	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE	11.03%			11.03%			11.03%			11.03%		
15	Line 14 plus (line 5 times line 15)/100	FCR for This Project	11.03%			11.03%			11.03%			11.03%		
16	Service Account 101 or 106 if not yet classified - End of year balance	Investment	25,661,961			15,071,438			15,071,438			58,015,888		
17	Line 17 divided by line 12	Annual Depreciation or Amort Exp	610,761			358,844			358,844			1,381,331		
18	Months in service for depreciation expense from Year placed in Service (0 if C/WIP)		13.00			7.01			7.01			8.20		
19			2016			2016			2016			2017		
20		Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
21	W 11.68 % ROE	2006												
22	W Increased ROE	2006												
23	W 11.68 % ROE	2007												
24	W Increased ROE	2007												
25	W 11.68 % ROE	2008												
26	W Increased ROE	2008												
27	W 11.68 % ROE	2009												
28	W Increased ROE	2009												
29	W 11.68 % ROE	2010												
30	W Increased ROE	2010												
31	W 11.68 % ROE	2011												
32	W Increased ROE	2011												
33	W 11.68 % ROE	2012												
34	W Increased ROE	2012												
35	W 11.68 % ROE	2013												
36	W Increased ROE	2013												
37	W 11.68 % ROE	2014												
38	W Increased ROE	2014												
39	W 11.68 % ROE	2015						225,037	412	2,441		225,037	412	2,441
40	W Increased ROE	2015						225,037	412	2,441		225,037	412	2,441
41	W 11.68 % ROE	2016	25,264,003	323,897	1,898,794									
42	W Increased ROE	2016	25,264,003	323,897	1,898,794									
43	W 11.68 % ROE	2017	25,328,064	610,761	3,405,679	15,071,025	193,511	1,090,341	15,071,025	193,511	1,090,341	58,015,888	871,281	4,909,357
44	W Increased ROE	2017	25,328,064	610,761	3,405,679	15,071,025	193,511	1,090,341	15,071,025	193,511	1,090,341	58,015,888	871,281	4,909,357

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1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if not a CIAC			
	Formula Line			
3	A 152	Net Plant Carrying Charge without Depreciation		11.03%
4	B 159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation		11.71%
5	C	Line B less Line A		0.68%
6	FCR if a CIAC			
7	D 153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes		1.60%

The FCR resulting from Formula in a given year is used for that year only.
 Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
 Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.
 For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 is the 13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.

	Details	Upgrade Eagle Point-Gloucester 230kV Circuit (B1288)			Mickleton-Gloucester 230kV Circuit (B2119)			Rise Road 69kV Breaker Station (B1250)			Cox's Corner-Lumberton 230kV Circuit (B1787)			
		Yes	42		Yes	42		Yes	42		Yes	42		
10	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	(Yes or No)												
11	Useful life of the project	Schedule 12												
12	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)											
13	Input the allowed increase in ROE	Increased ROE (Basis Points)												
14	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE												
15	Line 14 plus (line 5 times line 15)/100	FCR for This Project												
16	Service Account 101 or 106 if not yet classified - End of year balance	Investment												
17	Line 17 divided by line 12	Annual Depreciation or Amort Exp												
18	Months in service for depreciation expense from Year placed in Service (0 if CWIP)													
19														
20														
21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22	W 11.68 % ROE	2006												
23	W Increased ROE	2006												
24	W 11.68 % ROE	2007												
25	W Increased ROE	2007												
26	W 11.68 % ROE	2008												
27	W Increased ROE	2008												
28	W 11.68 % ROE	2009												
29	W Increased ROE	2009												
30	W 11.68 % ROE	2010												
31	W Increased ROE	2010												
32	W 11.68 % ROE	2011												
33	W Increased ROE	2011												
34	W 11.68 % ROE	2012												
35	W Increased ROE	2012												
36	W 11.68 % ROE	2013												
37	W Increased ROE	2013												
38	W 11.68 % ROE	2014												
39	W Increased ROE	2014												
40	W 11.68 % ROE	2015	11,980,348	216,491	1,282,387	18,260,361	232,128	1,375,013	-	-	-	17,370,246	185,057	1,096,185
41	W Increased ROE	2015	11,980,348	216,491	1,282,387	18,260,361	232,128	1,375,013	-	-	-	17,370,246	185,057	1,096,185
42	W 11.68 % ROE	2016	11,830,218	284,623	1,654,204	18,061,375	434,232	2,525,192	33,374,758	483,594	2,807,871	33,763,562	703,781	4,125,793
43	W Increased ROE	2016	11,830,218	284,623	1,654,204	18,061,375	434,232	2,525,192	33,374,758	483,594	2,807,871	33,763,562	703,781	4,125,793
44	W 11.68 % ROE	2017	11,583,195	287,722	1,565,912	18,357,357	452,946	2,478,656	35,212,643	267,164	1,488,600	30,829,183	755,191	4,157,150
45	W Increased ROE	2017	11,583,195	287,722	1,565,912	18,357,357	452,946	2,478,656	35,212,643	267,164	1,488,600	30,829,183	755,191	4,157,150

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1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if not a CIAC	Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	11.03%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	11.71%
5	C		Line B less Line A	0.68%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.60%

The FCR resulting from Formula in a given year is used for that year only.
 Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
 Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.
 For abandoned plant lines 12, 14, 15, and 19 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 is the 13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.

10	Details		McKeesport-Glocester-Camden (B1398-15-B1398-19) (CWP)			Burkston - Camden 230kV Conversion (B1156-13-B1156-20) (CWP)					
			Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue			
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12 (Yes or No)	Yes	Yes	Yes	Yes	Yes	Yes			
12	Useful life of the project	Life	42	42	42	42	42	42			
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 23. Otherwise "No"	CIAC (Yes or No)	No	No	No	No	No	No			
14	Input the allowed increase in ROE	Increased ROE (Basis Points)	0	0	0	0	0	0			
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%			
16	Line 14 plus (Line 5 times line 15)/100	FCR for This Project	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%			
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment	-	-	-	-	-	-			
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp	-	-	-	-	-	-			
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)		-	-	-	-	-	-			
21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22	W 11.68 % ROE	2006									
23	W Increased ROE	2006									
24	W 11.68 % ROE	2007									
25	W Increased ROE	2007									
26	W 11.68 % ROE	2008									
27	W Increased ROE	2008									
28	W 11.68 % ROE	2009									
29	W Increased ROE	2009									
30	W 11.68 % ROE	2010									
31	W Increased ROE	2010									
32	W 11.68 % ROE	2011	1,648,851		56,106			22,089,378	1,874,440		
33	W Increased ROE	2011	1,648,851		56,106			22,089,378	1,874,440		
34	W 11.68 % ROE	2012	22,706,717		1,587,335	532,375	24,600	128,653,138	10,501,318	9,231,712	791,084
35	W Increased ROE	2012	22,706,717		1,587,335	532,375	24,600	128,653,138	10,501,318	9,231,712	791,084
36	W 11.68 % ROE	2013	117,558,986		7,924,475	532,375	73,965	155,344,760	22,819,788	8,854,018	1,275,855
37	W Increased ROE	2013	117,558,986		7,924,475	532,375	73,965	155,344,760	22,819,788	8,854,018	1,275,855
38	W 11.68 % ROE	2014	160,260,925		16,099,944	532,375	65,596	56,976,438	7,020,285	3,745,932	461,551
39	W Increased ROE	2014	160,260,925		16,099,944	532,375	65,596	56,976,438	7,020,285	3,745,932	461,551
40	W 11.68 % ROE	2015	81,558,947		9,560,846	204,760	24,003	-	-	-	-
41	W Increased ROE	2015	81,558,947		9,560,846	204,760	24,003	-	-	-	-
42	W 11.68 % ROE	2016	-		-	-	-	-	-	-	-
43	W Increased ROE	2016	-		-	-	-	-	-	-	-
44	W 11.68 % ROE	2017	-		-	-	-	-	-	-	-
45	W Increased ROE	2017	-		-	-	-	-	-	-	-

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1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if not a CIAC			
	Formula Line			
3	A	152	Net Plant Carrying Charge without Depreciation	11.03%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	11.71%
	C		Line B less Line A	0.68%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.60%

The FCR resulting from Formula in a given year is used for that year only.
 Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
 Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis point transmission ROE adder as authorized by FERC to become effective January 1, 2012.
 For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 is the 13 month average balance from Attach 4a, and Line 19 will be number of months to be amortized in year plus one.

	Details	Northeast Grid Reliability Project (B1304.1-B1304.4) (CWIP)			Northeast Grid Reliability Project (B1304.5-B1304.21) (CWIP)			Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (CWIP)			Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21) (CWIP)						
		Yes (Yes or No)	Life	CIAC (Yes or No)	Increased ROE (Basis Points)	11.68% ROE	15%100 Service Account 101 or 106 if not yet classified - End of year balance	Investment Annual Depreciation or Amort Exp	Line 17 divided by line 12 Months in service for depreciation expense from Year placed in Service (if CWIP)	Yes (Yes or No)	Life	CIAC (Yes or No)	Increased ROE (Basis Points)	11.68% ROE	15%100 Service Account 101 or 106 if not yet classified - End of year balance	Investment Annual Depreciation or Amort Exp	Line 17 divided by line 12 Months in service for depreciation expense from Year placed in Service (if CWIP)
10	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes	42	No	25				Yes	42	No	0	11.03%				
11	Useful life of the project	42		No	25				42		No	0	11.03%				
12	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29. Otherwise "No"	Yes		No					Yes		No						
13	Input the allowed increase in ROE	11.03%		No					11.03%		No						
14	From line 3 above if "No" on line 10 and From line 7 above if "Yes" on line 13	11.03%		No					11.03%		No						
15	Line 14 plus (line 5 times line 15)/100	11.20%		No					11.03%		No						
16	Service Account 101 or 106 if not yet classified - End of year balance			No							No						
17	Investment			No					2,271,018		No						
18	Annual Depreciation or Amort Exp			No					54,072		No						
19	Line 17 divided by line 12 Months in service for depreciation expense from Year placed in Service (if CWIP)			No					26.96		No						
20				No							No						
21	W 11.68 % ROE	Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22	W Increased ROE	2006															
23	W 11.68 % ROE	2006															
24	W Increased ROE	2007															
25	W 11.68 % ROE	2007															
26	W Increased ROE	2008															
27	W 11.68 % ROE	2008															
28	W Increased ROE	2009															
29	W 11.68 % ROE	2009															
30	W Increased ROE	2010															
31	W 11.68 % ROE	2010															
32	W Increased ROE	2011															
33	W 11.68 % ROE	2011															
34	W Increased ROE	2012	81,587,177		6,341,372	5,537,185		457,198									
35	W 11.68 % ROE	2012	81,587,177		6,416,475	5,537,185		462,613									
36	W Increased ROE	2013	184,611,449		18,512,179	18,052,410		1,627,531									
37	W 11.68 % ROE	2013	184,611,449		18,751,945	18,052,410		1,646,610									
38	W Increased ROE	2014	211,553,988		28,743,491	33,293,621		3,699,551	9,496,612	391,383	1,589,541						
39	W 11.68 % ROE	2014	211,553,988		29,152,116	33,293,621		3,752,145	9,496,612	391,383	1,589,541						
40	W Increased ROE	2015	232,789,181		31,313,922	31,157,349		2,302,742	79,833,944	3,818,309	14,281,935						
41	W 11.68 % ROE	2015	232,789,181		31,772,294	31,157,349		2,336,445	79,833,944	3,818,309	14,281,935						
42	W Increased ROE	2016	72,001,234		8,335,564	3,028,455		350,603	5,826,722	3,108,397	19,887,254						
43	W 11.68 % ROE	2016	72,001,234		8,459,954	3,028,455		355,835	5,826,722	3,108,397	19,887,254						
44	W Increased ROE	2017	-		-	-		-	2,271,018	519,803	23,927,668						
45	W 11.68 % ROE	2017	-		-	-		-	2,271,018	519,803	23,927,668						

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1	New Plant Carrying Charge																																																							
2	Fixed Charge Rate (FCR) if not a CIAC																																																							
3		Formula Line																																																						
4	A	152	Net Plant Carrying Charge without Depreciation		11.03%																																																			
5	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation		11.71%																																																			
6	C		Line B less Line A		0.68%																																																			
7	FCR if a CIAC																																																							
8	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes		1.60%																																																			
<p>The FCR resulting from Formula in a given year is used for that year only. Therefore actual revenues collected in a year do not change based on cost data for subsequent years. Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis point transmission ROE added as authorized by FERC to become effective January 1, 2012. For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 is the 12 month average balance from Attach 4a, and Line 19 will be number of months to be amortized in year plus one.</p>																																																								
10	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"		<table border="1"> <tr> <th>Details</th> <th>Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (CWIP)</th> <th>Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33) (CWIP)</th> <th>Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34) (CWIP)</th> <th>Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50) (CWIP)</th> </tr> <tr> <td>Schedule 12 (Yes or No)</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> </tr> <tr> <td>Useful life of the project</td> <td>42</td> <td>42</td> <td>42</td> <td>42</td> </tr> <tr> <td>CIAC (Yes or No)</td> <td>No</td> <td>No</td> <td>No</td> <td>No</td> </tr> <tr> <td>Increased ROE (Basis Points)</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>11.68% ROE</td> <td>11.03%</td> <td>11.03%</td> <td>11.03%</td> <td>11.03%</td> </tr> <tr> <td>Line 14 plus (line 5 times line 15)/100</td> <td>11.03%</td> <td>11.03%</td> <td>11.03%</td> <td>11.03%</td> </tr> <tr> <td>Investment</td> <td>13,263,928</td> <td>103,139,173</td> <td>100,004,406</td> <td>50,261,443</td> </tr> <tr> <td>Annual Depreciation or Amort Exp</td> <td>315,808</td> <td>2,455,695</td> <td>2,381,057</td> <td>1,196,701</td> </tr> <tr> <td>Line 17 divided by line 12</td> <td>9.66</td> <td>9.66</td> <td>8.44</td> <td>10.49</td> </tr> </table>				Details	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (CWIP)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33) (CWIP)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34) (CWIP)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50) (CWIP)	Schedule 12 (Yes or No)	Yes	Yes	Yes	Yes	Useful life of the project	42	42	42	42	CIAC (Yes or No)	No	No	No	No	Increased ROE (Basis Points)	0	0	0	0	11.68% ROE	11.03%	11.03%	11.03%	11.03%	Line 14 plus (line 5 times line 15)/100	11.03%	11.03%	11.03%	11.03%	Investment	13,263,928	103,139,173	100,004,406	50,261,443	Annual Depreciation or Amort Exp	315,808	2,455,695	2,381,057	1,196,701	Line 17 divided by line 12	9.66	9.66	8.44	10.49
Details	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (CWIP)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33) (CWIP)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34) (CWIP)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50) (CWIP)																																																				
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Useful life of the project	42	42	42	42																																																				
CIAC (Yes or No)	No	No	No	No																																																				
Increased ROE (Basis Points)	0	0	0	0																																																				
11.68% ROE	11.03%	11.03%	11.03%	11.03%																																																				
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20	Year placed in Service (if CWIP)																																																							
21	Invest Yr		Depreciation or Amortization			Revenue																																																		
22	W 11.68 % ROE	2006	Ending	Amortization	Revenue	Ending	Amortization	Revenue																																																
23	W Increased ROE	2006																																																						
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36	W 11.68 % ROE	2013																																																						
37	W Increased ROE	2013																																																						
38	W 11.68 % ROE	2014	1,531,032		58,653	2,114,342		74,197																																																
39	W Increased ROE	2014	1,531,032		58,653	2,114,342		74,197																																																
40	W 11.68 % ROE	2015	14,081,213		819,896	7,520,100		530,656																																																
41	W Increased ROE	2015	14,081,213		819,896	7,520,100		530,656																																																
42	W 11.68 % ROE	2016	5,133,133		1,064,877	46,154,190		2,887,183																																																
43	W Increased ROE	2016	5,133,133		1,064,877	46,154,190		2,887,183																																																
44	W 11.68 % ROE	2017	13,263,928		1,087,121	103,139,173		8,457,930																																																
45	W Increased ROE	2017	13,263,928		1,087,121	103,139,173		8,457,930																																																

Public Service Electric and Gas Company
 ATTACHMENT H-10A
 Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2017

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1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if not a CIAC	Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	11.03%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	11.71%
5	C		Line B less Line A	0.68%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.60%

The FCR resulting from Formula in a given year is used for that year only.
 Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
 Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis point transmission ROE adder as authorized by FERC to become effective January 1, 2012.
 For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5: Abandoned Transmission Projects. Line 17 is the 13 month average balance from Attach 4a, and Line 19 will be number of months to be amortized in year plus one.

	Details		Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, and any associated substation upgrades (B2436.60) (CWIP)			Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70) (CWIP)			Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81) (CWIP)			Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.81) (CWIP)			
			Yes	No	0	11.03%	11.03%	11.03%	11.03%	Yes	No	0	11.03%	11.03%	Yes
10	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12 (Yes or No)	Yes			Yes			Yes			Yes			
11	Useful life of the project	Life	42			42			42			42			
12	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 20, otherwise "No"	CIAC (Yes or No)	No			No			No			No			
13	Input the allowed increase in ROE	Increased ROE (Basis Points)	0			0			0			0			
14	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE	11.03%			11.03%			11.03%			11.03%			
15	Line 14 plus (line 5 times line 15)/100	FCR for This Project	11.03%			11.03%			11.03%			11.03%			
16	Service Account 101 or 106 if not yet classified - End of year balance	Investment	4,257,610			55,639,039			53,134			53,134			
17	Line 17 divided by line 12	Annual Depreciation or Amort Exp	101,372			1,324,739			1,265			1,265			
18	Months in service for depreciation expense from Year placed in Service (0 if CWIP)		54.84			11.60			2,078.76			2,078.76			
19															
20															
21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	
22	W 11.68 % ROE	2006													
23	W Increased ROE	2006													
24	W 11.68 % ROE	2007													
25	W Increased ROE	2007													
26	W 11.68 % ROE	2008													
27	W Increased ROE	2008													
28	W 11.68 % ROE	2009													
29	W Increased ROE	2009													
30	W 11.68 % ROE	2010													
31	W Increased ROE	2010													
32	W 11.68 % ROE	2011													
33	W Increased ROE	2011													
34	W 11.68 % ROE	2012													
35	W Increased ROE	2012													
36	W 11.68 % ROE	2013													
37	W Increased ROE	2013													
38	W 11.68 % ROE	2014	433,918	21,259		1,370,003	56,093		597,317	24,145		597,317	24,145		
39	W Increased ROE	2014	433,918	21,259		1,370,003	56,093		597,317	24,145		597,317	24,145		
40	W 11.68 % ROE	2015	3,386,828	209,207		7,110,556	414,795		4,018,145	249,912		4,018,145	249,912		
41	W Increased ROE	2015	3,386,828	209,207		7,110,556	414,795		4,018,145	249,912		4,018,145	249,912		
42	W 11.68 % ROE	2016	13,451,622	1,007,913		32,115,662	1,793,514		16,422,638	1,119,514		16,422,638	1,119,514		
43	W Increased ROE	2016	13,451,622	1,007,913		32,115,662	1,793,514		16,422,638	1,119,514		16,422,638	1,119,514		
44	W 11.68 % ROE	2017	4,257,610	1,981,744		55,639,039	5,480,161		53,134	937,564		53,134	937,564		
45	W Increased ROE	2017	4,257,610	1,981,744		55,639,039	5,480,161		53,134	937,564		53,134	937,564		

Public Service Electric and Gas Company
 ATTACHMENT H-10A
 Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2017

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1	New Plant Carrying Charge		
2	Fixed Charge Rate (FCR) if not a CIAC		
	Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation
5	C		Line B less Line A
6	FCR if a CIAC		
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes

The FCR resulting from Formula in a given year is used for that year only.
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 Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.
 For abandoned plant lines 12, 14, 15, and 19 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 is the 13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.

	Details		Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84) (CWIP)			Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85) (CWIP)			Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90) (CWIP)			Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91) (CWIP)		
			Yes	No	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%
10	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes	42	Yes	42	Yes	42	Yes	42	Yes	42	
11	Useful life of the project	Life		42	42	42	42	42	42	42	42	42	42	
12	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 23. Otherwise "No"	CIAC	(Yes or No)	No		No		No		No		No		
13	Input the allowed increase in ROE	Increased ROE (Basis Points)		0		0		0		0		0		
14	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE		11.03%		11.03%		11.03%		11.03%		11.03%		
15	Line 14 plus (line 5 times line 15)/100	FCR for This Project		11.03%		11.03%		11.03%		11.03%		11.03%		
16	Service Account 101 or 106 if not yet classified - End of year balance	Investment		11,129,698		11,129,698		2,422,164		777,902		777,902		
17	Line 17 divided by line 12	Annual Depreciation or Amort Exp		264,993		264,993		57,671		18,521		18,521		
18	Months in service for depreciation expense from Year placed in Service (0 if CWIP)			13.00		13.00		9.63		13.00		13.00		
19														
20														
21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22	W 11.68 % ROE	2006												
23	W Increased ROE	2006												
24	W 11.68 % ROE	2007												
25	W Increased ROE	2007												
26	W 11.68 % ROE	2008												
27	W Increased ROE	2008												
28	W 11.68 % ROE	2009												
29	W Increased ROE	2009												
30	W 11.68 % ROE	2010												
31	W Increased ROE	2010												
32	W 11.68 % ROE	2011												
33	W Increased ROE	2011												
34	W 11.68 % ROE	2012												
35	W Increased ROE	2012												
36	W 11.68 % ROE	2013												
37	W Increased ROE	2013												
38	W 11.68 % ROE	2014	569,297		24,114	569,297		24,114	1,581,597	63,898	1,286,903	48,434	48,434	
39	W Increased ROE	2014	569,297		24,114	569,297		24,114	1,581,597	63,898	1,286,903	48,434	48,434	
40	W 11.68 % ROE	2015	3,852,871		236,839	3,852,871		236,839	14,750,089	849,382	13,603,685	780,003	780,003	
41	W Increased ROE	2015	3,852,871		236,839	3,852,871		236,839	14,750,089	849,382	13,603,685	780,003	780,003	
42	W 11.68 % ROE	2016	17,333,648		1,276,434	17,333,648		1,276,434	906,569	1,081,821	715,475	863,750	863,750	
43	W Increased ROE	2016	17,333,648		1,276,434	17,333,648		1,276,434	906,569	1,081,821	715,475	863,750	863,750	
44	W 11.68 % ROE	2017	11,129,698		1,228,147	11,129,698		1,228,147	2,422,164	197,896	777,902	85,840	85,840	
45	W Increased ROE	2017	11,129,698		1,228,147	11,129,698		1,228,147	2,422,164	197,896	777,902	85,840	85,840	

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2017

1	New Plant Carrying Charge	1		
2	Fixed Charge Rate (FCR) if not a CIAC			
		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	11.03%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	11.71%
5	C		Line B less Line A	0.68%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.60%

The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.
For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is the 13 month average balance from Attach 4A, and Line 19 will be number of months to be amortized in year plus one.

	Details		New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (CWIP)			New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (CWIP)			New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20) (CWIP)			New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21) (CWIP)		
			Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
10	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12 (Yes or No)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
11	Useful life of the project	Life	42	42	42	42	42	42	42	42	42	42	42	
12	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC (Yes or No)	No	No	No	No	No	No	No	No	No	No	No	
13	Input the allowed increase in ROE	Increased ROE (Basis Points)	0	0	0	0	0	0	0	0	0	0	0	
14	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	
15	Line 14 plus (line 5 times line 15)/100	FCR for This Project	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	11.03%	
16	Service Account 101 or 106 if not yet classified - End of year balance	Investment	1,212,870	1,241,892	1,241,892	4,472,474	4,472,474	4,472,474	4,472,474	4,472,474	4,472,474	4,472,474	4,472,474	
17	Line 17 divided by line 12	Annual Depreciation or Amort Exp	28,878	29,569	29,569	106,487	106,487	106,487	106,487	106,487	106,487	106,487	106,487	
18	Months in service for depreciation expense from Year placed in Service (if CWIP)		12.70	12.70	12.70	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	
19														
20														
21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22	W 11.68 % ROE	2006												
23	W Increased ROE	2006												
24	W 11.68 % ROE	2007												
25	W Increased ROE	2007												
26	W 11.68 % ROE	2008												
27	W Increased ROE	2008												
28	W 11.68 % ROE	2009												
29	W Increased ROE	2009												
30	W 11.68 % ROE	2010												
31	W Increased ROE	2010												
32	W 11.68 % ROE	2011												
33	W Increased ROE	2011												
34	W 11.68 % ROE	2012												
35	W Increased ROE	2012												
36	W 11.68 % ROE	2013												
37	W Increased ROE	2013												
38	W 11.68 % ROE	2014	4,799,334		220,160	5,002,105		223,171	123,509		4,946	124,051		4,952
39	W Increased ROE	2014	4,799,334		220,160	5,002,105		223,171	123,509		4,946	124,051		4,952
40	W 11.68 % ROE	2015	20,855,739		1,506,352	21,058,511		1,530,122	2,601,853		148,281	2,602,395		148,345
41	W Increased ROE	2015	20,855,739		1,506,352	21,058,511		1,530,122	2,601,853		148,281	2,602,395		148,345
42	W 11.68 % ROE	2016	2,285,677		1,326,708	2,524,127		1,323,679	7,543,949		639,295	7,544,669		639,379
43	W Increased ROE	2016	2,285,677		1,326,708	2,524,127		1,323,679	7,543,949		639,295	7,544,669		639,379
44	W 11.68 % ROE	2017	1,212,870		130,718	1,241,892		133,921	4,472,474		493,532	4,472,773		493,565
45	W Increased ROE	2017	1,212,870		130,718	1,241,892		133,921	4,472,474		493,532	4,472,773		493,565

Public Service Electric and Gas Company
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 Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2017

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1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if not a CIAC			
3	A	152	Net Plant Carrying Charge without Depreciation	11.03%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	11.71%
5	C		Line B less Line A	0.68%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.60%

The FCR resulting from Formula in a given year is used for that year only.
 Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
 Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis point transmission ROE adder as authorized by FERC to become effective January 1, 2012.
 For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 is the 12 month average balance from Attach 4a, and Line 19 will be number of months to be amortized in year plus one.

	Details	Schedule 12 (Yes or No)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30) (CWIP)			New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33) (CWIP)			Total	Incentive Charged	Revenue Credit
			Line	Yes	42	Yes	42				
10	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	(Yes or No)	Yes	42	Yes	42					
11	Useful life of the project	Line	42		42						
12	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29. Otherwise "No"	CIAC (Yes or No)	No		No						
13	Input the allowed increase in ROE	Increased ROE (Basis Points)	0		0						
14	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE	11.03%		11.03%						
15	Line 14 plus (line 5 times line 15)/100	FCR for This Project	11.03%		11.03%						
16	Service Account 101 or 106 if not yet classified - End of year balance	Investment	15,327,955		14,065,098						
17	Line 17 divided by line 12	Annual Depreciation or Amort Exp	364,951		334,883						
18	Months in service for depreciation expense from Year placed in Service (if CWIP)		13.00		7.82						
19											
20											
21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue			
22	W 11.68 % ROE	2006							\$ 4,652,471	\$ 4,652,471	
23	W Increased ROE	2006							\$ 4,652,471	\$ 4,652,471	
24	W 11.68 % ROE	2007							\$ 29,476,571	\$ 29,476,571	
25	W Increased ROE	2007							\$ 29,476,571	\$ 29,476,571	
26	W 11.68 % ROE	2008							\$ 32,346,385	\$ 32,346,385	
27	W Increased ROE	2008							\$ 32,385,646	\$ 32,385,646	
28	W 11.68 % ROE	2009							\$ 51,356,608	\$ 51,356,608	
29	W Increased ROE	2009							\$ 51,588,883	\$ 51,588,883	
30	W 11.68 % ROE	2010							\$ 61,349,032	\$ 61,349,032	
31	W Increased ROE	2010							\$ 62,015,568	\$ 62,015,568	
32	W 11.68 % ROE	2011							\$ 78,438,322	\$ 78,438,322	
33	W Increased ROE	2011							\$ 79,823,709	\$ 79,823,709	
34	W 11.68 % ROE	2012							\$ 129,728,618	\$ 129,728,618	
35	W Increased ROE	2012							\$ 131,858,773	\$ 131,858,773	
36	W 11.68 % ROE	2013							\$ 279,708,533	\$ 279,708,533	
37	W Increased ROE	2013							\$ 284,314,797	\$ 284,314,797	
38	W 11.68 % ROE	2014	337,481		13,854	133,460		5,677	\$ 342,977,142	\$ 342,977,142	
39	W Increased ROE	2014	337,481		13,854	133,460		5,677	\$ 349,823,024	\$ 349,823,024	
40	W 11.68 % ROE	2015	2,972,226		101,157	258,129		20,804	\$ 434,110,713	\$ 434,110,713	
41	W Increased ROE	2015	2,972,226		101,157	258,129		20,804	\$ 441,614,467	\$ 441,614,467	
42	W 11.68 % ROE	2016	16,168,432		851,765	3,913,246		145,981	\$ 522,903,602	\$ 522,903,602	
43	W Increased ROE	2016	16,168,432		851,765	3,913,246		145,981	\$ 530,687,571	\$ 530,687,571	
44	W 11.68 % ROE	2017	15,327,955		1,691,419	14,065,098		934,008	\$ 576,209,051	\$ 576,209,051	
45	W Increased ROE	2017	15,327,955		1,691,419	14,065,098		934,008	\$ 583,935,997	\$ 583,935,997	

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 8 - Depreciation Rates

<u>Plant Type</u>	<u>PSE&G</u>
Transmission	2.40
Distribution	
High Voltage Distribution	2.49
Meters	2.49
Line Transformers	2.49
All Other Distribution	2.49
General & Common	
Structures and Improvements	1.40
Office Furniture	5.00
Office Equipment	25.00
Computer Equipment	14.29
Personal Computers	33.33
Store Equipment	14.29
Tools, Shop, Garage and Other Tangible Equipment	14.29
Laboratory Equipment	20.00
Communications Equipment	10.00
Miscellaneous Equipment	14.29

Public Service Electric and Gas Company
 Projected Costs of Plant in Forecasted Rate Base and In-Service Dates
 12 Months Ending December 31, 2017

Required Transmission Enhancements

Upgrade ID	RTEP Baseline Project Description	Estimated/Actual Project Cost (thru 2017) *	Anticipated/Actual In-Service Date *
b0130	Replace all derated Branchburg 500/230 kv transformers	\$ 20,680,597	Jan-06
b0134	Reconductor Kittatinny - Newtown 230 kV with 1590 ACSS	\$ 8,069,022	Aug-07
b0145	Build new Essex - Aldene 230 kV cable connected through phase angle regulator at Essex	\$ 86,565,629	Aug-07
b0411	Install 4th 500/230 kV transformer at New Freedom	\$ 22,188,863	May-09
b0498	Loop the 5021 circuit into New Freedom 500 kV substation	\$ 27,005,248	May-09
b0161	Install 230-138kV transformer at Metuchen substation	\$ 25,799,055	Nov-08
b0169	Build a new 230 kV section from Branchburg - Flagtown and move the Flagtown - Somerville 230 kV circuit to the new section	\$ 15,731,554	May-08
b0170	Reconductor the Flagtown-Somerville-Bridgewater 230 kV circuit with 1590 ACSS	\$ 6,961,495	May-09
b0274	Replace both 230/138 kV transformers at Roseland	\$ 21,073,706	Apr-12
b0172.2	Replace wave trap at Branchburg 500kV substation	\$ 27,988	Feb-07
b0813	Reconductor Hudson - South Waterfront 230kV circuit	\$ 9,158,918	May-12
b1017	Reconductor South Mahwah 345 kV J-3410 Circuit	\$ 20,626,991	Dec-12
b1018	Reconductor South Mahwah 345 kV K-3411 Circuit	\$ 21,170,273	May-11
b0290	Branchburg 400 MVAR Capacitor	\$ 80,435,315	Nov-10
b0472	Saddle Brook - Athenia Upgrade Cable	\$ 14,404,842	Nov-08
b0664-b0665	Branchburg-Somerville-Flagtown Reconductor	\$ 18,664,931	Apr-12
b0668	Somerville -Bridgewater Reconductor	\$ 6,390,403	Apr-12
b0814	New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie	\$ 46,073,245	Dec-10
b1410-b1415	Replace Salem 500 kV breakers	\$ 15,876,913	Oct-12
b1228	230kV Lawrence Switching Station Upgrade	\$ 22,040,646	May-11
b1155	Branchburg-Middlesex Swich Rack	\$ 68,312,808	Dec-11
b1399	Aldene-Springfield Rd. Conversion	\$ 72,443,911	Dec-12
b1590	Upgrade Camden-Richmond 230kV Circuit (B1590)	\$ 11,268,594	Apr-13
b1588	Uprate EaglePoint-Gloucester 230kV Circuit	\$ 12,084,309	May-11
b2139	Build Mickleton-Gloucester Corridor Ultimate Design	\$ 19,023,718	Dec-13
b1255	Ridge Road 69kV Breaker Station	\$ 35,696,237	May-16
b1787	New Cox's Corner-Lumberton 230kV Circuit	\$ 31,718,020	Nov-13
b2276	Sewaren Switch 230kV Conversion	\$ 118,337,484	Dec-13
b0489.5-b0489.15	Susquehanna Roseland Breakers	\$ 5,857,687	Jun-14
b0489.4	Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project)	\$ 40,538,248	Nov-11
b0489	Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (Below 500 kV elements of the project)	\$ 722,869,825	Mar-15
b1156	Burlington - Camden 230kV Conversion	\$ 356,525,651	Oct-14
b1398 - b1398.7	Mickleton-Gloucester-Camden	\$ 439,443,096	Jun-15
b1154	North Central Reliability (West Orange Conversion)	\$ 370,184,658	Jun-15
b1304.1-b1304.4	Northeast Grid Reliability Project	\$ 625,991,050	Jun-15
b1304.5-b1304.21	Northeast Grid Reliability Project	\$ 351,791,077	Jul-16
b2436.10	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades	\$ 175,766,398	Jan-16
b2436.21	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 24,373,985	May-16
b2436.22	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 24,373,985	May-16
b2436.33	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades	\$ 15,071,438	Dec-15

Upgrade ID	RTEP Baseline Project Description	Estimated/Actual Project Cost (thru 2017) *	Anticipated/Actual In-Service Date *
b2436.60	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades	\$ 48,229,438	Dec-15
b2436.70	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades	\$ 15,071,438	Dec-15
b2436.81	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades	\$ 24,740,752	Dec-15
b2436.83	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 24,740,752	Dec-15
b2436.84	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 36,210,096	Dec-15
b2436.85	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 36,210,096	Dec-15
b2436.90	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades	\$ 29,256,534	May-16
b2437.10	New Bergen 345/230 kV transformer and any associated substation upgrades	\$ 25,651,961	May-16
b2437.11	New Bergen 345/138 kV transformer #1 and any associated substation upgrades	\$ 25,651,961	May-16
b2437.20	New Bayway 345/138 kV transformer #1 and any associated substation upgrades	\$ 15,071,438	Dec-15
b2437.21	New Bayway 345/138 kV transformer #2 and any associated substation upgrades	\$ 15,071,438	Dec-15
b2437.30	New Linden 345/230 kV transformer and any associated substation upgrades	\$ 58,015,888	Jul-16
b2436.10-b2437.33	Bergen Linden Corridor (BLC) (CWIP)	\$ 371,812,578	Various
	Total	\$ 4,736,352,180	

* May vary from original PJM Data due to updated information.

Public Service Electric and Gas Company
Accumulated Deferred Income Taxes Using The Proration Methodology - Tax Basis

Amounts reflected in Annual Update Filing

2016 EOY Amount	(3,765,312,995)	A
2017 EOY Amount	(4,075,528,187)	B

Account 282, Plant-related Liberalized Depreciation, for 2017

Line	Year	Month	(3) Projected Monthly (Increase) In ADIT - Depreciable Tax Basis	(4) Days Outstanding During the Year	(5) Proration Percentage	(6) Monthly Prorated Amount	(7) Cumulative "prorated" ADIT	(8) Beginning & Ending ADIT Balance
1	2016	Dec						(3,765,312,995) A
2	2017	Jan	(31,359,495)	335	91.78%	(28,782,002)	(3,794,094,997)	
3	2017	Feb	(31,293,390)	307	84.11%	(26,320,741)	(3,820,415,738)	
4	2017	Mar	(31,231,697)	276	75.62%	(23,616,297)	(3,844,032,035)	
5	2017	Apr	(31,645,456)	246	67.40%	(21,328,171)	(3,865,360,206)	
6	2017	May	(31,970,725)	215	58.90%	(18,832,071)	(3,884,192,277)	
7	2017	Jun	(33,434,748)	185	50.68%	(16,946,379)	(3,901,138,656)	
8	2017	Jul	(32,046,386)	154	42.19%	(13,520,941)	(3,914,659,597)	
9	2017	Aug	(31,838,854)	123	33.70%	(10,729,258)	(3,925,388,855)	
10	2017	Sep	(32,783,725)	93	25.48%	(8,353,114)	(3,933,741,969)	
11	2017	Oct	(32,427,917)	62	16.99%	(5,508,304)	(3,939,250,273)	
12	2017	Nov	(31,729,581)	32	8.77%	(2,781,771)	(3,942,032,044)	
13	2017	Dec	(32,877,380)	1	0.27%	(90,075)	(3,942,122,119)	
		Total	(384,639,354)			(176,809,124)		
14								Projected 2017 Liberalized Depreciation based on ADIT Proration Methodology: (176,809,124)
15								Plus: Projected 2017 ADIT associated with Liberalized Depreciation not subject to Proration Methodology: (133,406,068)
16								Projected 2017 EOY Federal and State Liberalized Depreciation ADIT included in the FERC Formula Filing: (4,075,528,187) B

Explanations:

- Col. 8, Line 1 Represents the estimated beginning plant-related Liberalized Depreciation ADIT balance as of 1/1/2017.
- Lines 2 - 13 Represents the Forecasted Rate period (e.g. 2017).
- Col. 3 Represents the monthly (increase) additions to the ADIT balance associated with depreciable tax basis before proration.
- Col. 4 Number of days remaining in the year as of and including the last day of the month.
- Col. 5 Col. 4 divided by the number of days in the year, 365.
- Col. 6 Col. 3 multiplied by Col. 5.
- Col. 7 Col. 6 of previous month plus Col. 7; represents the cumulative balance.
- Col. 8, Line 14 Total projected plant-related Liberalized Depreciation ADIT related to depreciable tax basis.
- Col. 8, Line 15 Projected plant-related Liberalized Depreciation ADIT that is not subjected to the proration rules.
- Col. 8, Line 16 Projected Total EOY balance of plant-related Liberalized Depreciation ADIT that is included in the formula rate.