**Hesser G. McBride, Jr.**Associate General Regulatory Counsel

**Law Department** 

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January 9, 2018

### VIA EFILING

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 2018 Formula Rate Annual Update (Revision)

### Dear Secretary Bose:

On behalf of Public Service Electric and Gas Company ("PSE&G"), attached please find a revised informational filing of PSE&G's 2018 Transmission Formula Rate Annual Update. On October 16, 2017, PSE&G filed with the Federal Energy Regulatory Commission in the above-captioned docket a 2018 Formula Rate Annual Update ("Annual Update"). The Annual Update filing was revised by an errata filing made by PSE&G on October 27, 2017.

This revised informational filing is being made to implement the recent reduction in the federal corporate income tax rate pursuant to the Tax Cuts and Jobs Act of 2017 ("TCJA"), *Public Law No. 115-97*. More specifically, in this informational filing PSE&G has updated the Federal Income Tax Rate value posted in Excel Row 206 of Appendix A to the Annual Update from 35% to 21%.

Also, enclosed please find an updated version of Exhibit 1 of the Annual Update, which includes a revised version of PSEG's 2018 Formula Rate Annual Update. Any other aspects of the TCJA that impact the 2018 annual revenue requirement will be incorporated in the true-up filing of the 2018 rate.

The October 27, 2017 Annual Update filing remains unchanged in all other respects. This revised informational filing reduces the 2018 annual revenue requirement forecasted in the Annual Update by \$148,235,120.

The revised formula rate template in Exhibit 1 is also being provided to PJM Interconnection, L.L.C. for posting on its website. Consistent with the Commission

Staff's Guidance on Formula Rate Updates, PSE&G is submitting the updated formula rate template in Microsoft Excel format.

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

Respectfully submitted,

Hesser G. McBride, Jr.

Hesser G. McBride, Jr.

Attachments

Exhibit 1 Page 1 of 63

	c Service Electric and Gas Company			
	CUMENT II 404			
Ec	CHMENT H-10A		FERC Form 1 Page # or	12 Months Ended
	ula Rate Appendix A	Notes	Instruction	12/31/2018
Shad	ed cells are input cells			
	Wanta & Calam Allacation Factor			
1	Wages & Salary Allocation Factor Transmission Wages Expense	(Note O)	Attachment 5	31,626,000
·	Talioniosion Wagoo Exponeo	(11010-0)	, masimism s	01,020,000
2	Total Wages Expense	(Note O)	Attachment 5	207,395,000
3 4	Less A&G Wages Expense	(Note O)	Attachment 5	9,733,000
4	Total Wages Less A&G Wages Expense		(Line 2 - Line 3)	197,662,000
5	Wages & Salary Allocator		(Line 1 / Line 4)	16.0000%
	Plant Allocation Factors			
6	Electric Plant in Service	(Note B)	Attachment 5	20,900,387,637
7	Common Plant in Service - Electric		(Line 22)	180,548,962
8	Total Plant in Service		(Line 6 + 7)	21,080,936,599
9	Accumulated Depreciation (Total Electric Plant)	(Note B & J)	Attachment 5	3,736,217,375
10	Accumulated Intangible Amortization - Electric	(Note B)	Attachment 5	6,181,302
11	Accumulated Common Plant Depreciation & Amortization - Electric	(Note B & J)	Attachment 5	29,686,389
12	Accumulated Common Amortization - Electric	(Note B)	Attachment 5	49,202,101
13	Total Accumulated Depreciation		(Line 9 + Line 10 + Line 11 + Line 12)	3,821,287,167
14	Net Plant		(Line 8 - Line 13)	17,259,649,432
15	Transmission Gross Plant		(Line 31)	11,254,947,402
16	Gross Plant Allocator		(Line 15 / Line 8)	53.3892%
17	Transmission Net Plant		(Line 43)	10,235,109,330
18	Net Plant Allocator		(Line 43) (Line 17 / Line 14)	59.3008%
	Calculations Plant In Service			
19	Transmission Plant In Service	(Note B)	Attachment 5	11,162,840,225
20	General	(Note B)	Attachment 5	332,299,612
21	Intangible - Electric	(Note B)	Attachment 5	15,038,477
22	Common Plant - Electric	(Note B)	Attachment 5	180,548,962
23 24	Total General, Intangible & Common Plant Less: General Plant Account 397 Communications	(Note B)	(Line 20 + Line 21 + Line 22) Attachment 5	527,887,051 36,924,263
25	Less: Common Plant Account 397 Communications	(Note B)	Attachment 5 Attachment 5	35,209,921
26	General and Intangible Excluding Acct. 397	(Note D)	(Line 23 - Line 24 - Line 25)	455,752,867
27	Wage & Salary Allocator		(Line 5)	16.0000%
28	General and Intangible Plant Allocated to Transmission		(Line 26 * Line 27)	72,920,643
29	Account No. 397 Directly Assigned to Transmission	(Note B)	Attachment 5	19,186,533
30	Total General and Intangible Functionalized to Transmission		(Line 28 + Line 29)	92,107,177
31	Total Plant In Rate Base		(Line 19 + Line 30)	11,254,947,402
	Accumulated Depreciation			
	Transmission Accumulated Depreciation	(Note B & J)	Attachment 5	968,854,890
32	Accumulated General Depreciation	(Note B & J)	Attachment 5	139,970,808
32 33	Accumulated Common Plant Depreciation - Electric	(Note B & J)	Attachment 5	78,888,490
33 34	Less: Amount of General Depreciation Associated with Acct. 397	(Note B & J)	Attachment 5	30,305,351
33 34 35	Balance of Accumulated General Depreciation	(Nete D)	(Line 33 + Line 34 - Line 35)	188,553,948
33 34 35 36	Assumulated Intensible Americation Floatric			
33 34 35 36 37	Accumulated Intangible Amortization - Electric  Accumulated General and Intangible Depreciation Ex. Acct. 397	(Note B)	(Line 10)	6,181,302
33 34 35 36 37 38	Accumulated General and Intangible Depreciation Ex. Acct. 397	(Note B)	(Line 36 + 37)	6,181,302 194,735,249
33 34 35 36 37 38 39 40	Accumulated General and Intangible Depreciation Ex. Acct. 397 Wage & Salary Allocator Subtotal General and Intangible Accum. Depreciation Allocated to Transmission	(Note B)		6,181,302
33 34 35 36 37 38 39	Accumulated General and Intangible Depreciation Ex. Acct. 397 Wage & Salary Allocator	(Note B & J)	(Line 36 + 37) (Line 5)	6,181,302 194,735,249 16.0000%
33 34 35 36 37 38 39 40	Accumulated General and Intangible Depreciation Ex. Acct. 397 Wage & Salary Allocator Subtotal General and Intangible Accum. Depreciation Allocated to Transmission	, ,	(Line 36 + 37) (Line 5) (Line 38 * Line 39)	6,181,302 194,735,249 16.0000% 31,157,719
33 34 35 36 37 38 39 40 41	Accumulated General and Intangible Depreciation Ex. Acct. 397 Wage & Salary Allocator Subtotal General and Intangible Accum. Depreciation Allocated to Transmission Accumulated General Depreciation Associated with Acct. 397 Directly Assigned to Transmis	, ,	(Line 36 + 37) (Line 5) (Line 38 * Line 39) Attachment 5	6,181,302 194,735,249 16,0000% 31,157,719 19,825,463

Exhibit 1 Page 2 of 63

ATT ACHMENT 14-19A Formula Rate - Appendix A Notes Notes Rate - Appendix A Rate - Appendix A Rate - Appendix A Rate - R		Public Service Electric and Gas Company
		ATTACHMENT H-10A
Accumulated Defiared Income Taxes		Formula Rate Appendix A
ADIT net of FASE 106 and 109		
ADIT net of FASE 106 and 109		Accumulated Deferred Income Taxos
Abandoned Transmission Projects   (Note R)	(Note Q) Attachment 1 -2,502,792	
	(Note B & H) Attachment 6 102,222	
Prepayments	(Note R) Attachment 5	
47         Prepayments         (Note A & Q)         Attachment 5           Materials and Supplies         48         Undistributed Stores Expense         (Note Q)         Attachment 5 (Line 8)           49         Wage & Salary Allocator         (Line 48)         (Line 49)           51         Total Undistributed Stores Expense Allocated to Transmission         (Note N & Q))         Attachment 5           51         Total Materials & Supplies         (Note N & Q))         Attachment 5           52         Total Materials & Supplies Allocated to Transmission         (Line 50)         (Line 50)           53         Operation & Maintenance Expense         (Line 80)         (1/8           54         1/8R Nule         1/8         (Line 53* Line 54)           55         Total Cash Working Capital Allocated to Transmission         (Note N & Q))         Attachment 5           56         Outstanding Network Credits         (Note N & Q))         Attachment 5           75         Total Adjustment to Rate Base         (Lines 44 + 45 + 45a + 46 + 47 + 52 + 55 - 56)           57         Total Adjustment to Rate Base         (Line 43 + Line 57)           58         Rate Base         (Line 43 + Line 57)           59         Transmission O&M         (Note O)         Attachment 5           50 <td>(Note C &amp; Q) Attachment 5 18,085</td> <td>46 Plant Held for Future Use</td>	(Note C & Q) Attachment 5 18,085	46 Plant Held for Future Use
48   Wadge & Salary Allocated   Cline 5	(Note A & Q) Attachment 5	
Total Undistributed Stores Expense Allocated to Transmission   (Note N & O)   Attachment 5		48 Undistributed Stores Expense
Total Materials & Supplies Allocated to Transmission	(Line 48 * Line 49)	Total Undistributed Stores Expense Allocated to Transmission
Cline 80	(Line 50 + Line 51) 48,632	52 Total Materials & Supplies Allocated to Transmission
Network Credits		53 Operation & Maintenance Expense
Outstanding Network Credits		
Transmission O&M	(Note N & Q)) Attachment 5	
Transmission O&M	(Lines 44 + 45 + 45a + 46 + 47 + 52 + 55 - 56) (2,317,111,	57 Total Adjustment to Rate Base
Transmission O&M	(Line 43 + Line 57) 7,917,997	58 Rate Base
Transmission O&M		Operations & Maintenance Expense
Plus Transmission Lease Payments		
Allocated Administrative & General Expenses		
Total A&G		
Plus: Actual PBOP expense	(Note O) Attachment 5 172,512	
Less Actual PBOP expense		
Comparison   Commission   Exp Account   924   Commission   Exp Account   928   Commission   Exp Account   928   Commission   Exp Account   928   Commission   Exp Account   928   Commission   Exp Account   930.1   Commission   Exp Account   930.1   Commission   Exp Account   930.1   Commission   Commis		
67 Less General Advertising Exp Account 930.1 (Note O) Attachment 5 68 Less EPRI Dues (Note D & O) Attachment 5 69 Administrative & General Expenses 70 Wage & Salary Allocator (Line 5) 71 Administrative & General Expenses Allocated to Transmission (Line 69 * Line 70)  Directly Assigned A&G 72 Regulatory Commission Exp Account 928 (Note G & O) Attachment 5 73 General Advertising Exp Account 930.1 (Note K & O) Attachment 5 74 Subtotal - Accounts 928 and 930.1 - Transmission Related (Line 72 + Line 73)  75 Property Insurance Account 924 (Line 65) 76 General Advertising Exp Account 930.1 (Note F & O) Attachment 5 77 Total Accounts 928 and 930.1 - General Count 930.1 (Note F & O) Attachment 5 78 Net Plant Allocator (Line 75 + Line 76) Net Plant Allocator		
Less EPRI Dues		
69         Administrative & General Expenses         Sum (Lines 62 to 63) - Sum (Lines 64 to 68) (Line 5)           70         Administrative & General Expenses Allocated to Transmission         (Line 69 * Line 70)           Directly Assigned A&G           72         Regulatory Commission Exp Account 928         (Note G & O)         Attachment 5           73         General Advertising Exp Account 930.1         (Note K & O)         Attachment 5           74         Subtotal - Accounts 928 and 930.1 - Transmission Related         (Line 72 + Line 73)           75         Property Insurance Account 924         (Line 65)           6         General Advertising Exp Account 930.1         (Note F & O)         Attachment 5           77         Total Accounts 928 and 930.1 - General         (Line 75 + Line 76)           78         Net Plant Allocator         (Line 18)		
Wage & Salary Allocator		
Administrative & General Expenses Allocated to Transmission		
72         Regulatory Commission Exp Account 928         (Note G & O)         Attachment 5           73         General Advertising Exp Account 930.1         (Note K & O)         Attachment 5           74         Subtotal - Accounts 928 and 930.1 - Transmission Related         (Line 72 + Line 73)           75         Property Insurance Account 924         (Line 65)           76         General Advertising Exp Account 930.1         (Note F & O)         Attachment 5           77         Total Accounts 928 and 930.1 - General         (Line 75 + Line 76)           78         Net Plant Allocator         (Line 18)		
73         General Advertising Exp Account 930.1         (Note K & O)         Attachment 5           74         Subtotal - Accounts 928 and 930.1 - Transmission Related         (Line 72 + Line 73)           75         Property Insurance Account 924         (Line 65)           76         General Advertising Exp Account 930.1         (Note F & O)         Attachment 5           77         Total Accounts 928 and 930.1 - General         (Line 75 + Line 76)           78         Net Plant Allocator         (Line 18)		
74         Subtotal - Accounts 928 and 930.1 - Transmission Related         (Line 72 + Line 73)           75         Property Insurance Account 924         (Line 65)           76         General Advertising Exp Account 930.1         (Note F & O)         Attachment 5           77         Total Accounts 928 and 930.1 - General         (Line 75 + Line 76)           78         Net Plant Allocator         (Line 18)		
76         General Advertising Exp Account 930.1         (Note F & O)         Attachment 5           77         Total Accounts 928 and 930.1 - General         (Line 75 + Line 76)           78         Net Plant Allocator         (Line 18)		
77 Total Accounts 928 and 930.1 - General (Line 75 + Line 76) 78 Net Plant Allocator (Line 18)		
78 Net Plant Allocator (Line 18)		
80 Total Transmission O&M (Lines 61 + 71 + 74 + 79)	(Lines 61 + 71 + 74 + 79) 133,933	80 Total Transmission O&M

Exhibit 1 Page 3 of 63

Publi	c Service Electric and Gas Company				
ATTA	CHMENT H-10A			FERC Form 1 Page # or	12 Months Ended
Form	ula Rate Appendix A		Notes	Instruction	12/31/2018
	ed cells are input cells				
	eciation & Amortization Expense				
	Depreciation Expense				
81	Transmission Depreciation Expense Including A	mortization of Limited Term Plant	(Note J & O)	Attachment 5	266,279,92
81a	Amortization of Abandoned Plant Projects		(Note R)	Attachment 5	
82	General Depreciation Expense Including Amorti	zation of Limited Term Plant	(Note J & O)	Attachment 5	27,729,08
83	Less: Amount of General Depreciation Expense	Associated with Acct. 397	(Note J & O)	Attachment 5	7,252,14
84	Balance of General Depreciation Expense			(Line 82 - Line 83)	20,476,940
85 86	Intangible Amortization Total		(Note A & O)	Attachment 5 (Line 84 + Line 85)	11,136,699 31,613,639
87	Wage & Salary Allocator			(Line 84 + Line 85) (Line 5)	16.00%
88	General Depreciation & Intangible Amortization	Allocated to Transmission		(Line 86 * Line 87)	5,058,198
89	General Depreciation Expense for Acct. 397 Dir		(Note J & O)	Attachment 5	1,908,45
90	General Depreciation and Intangible Amortiz		,	(Line 88 + Line 89)	6,966,640
91	Total Transmission Depreciation & Amortization	on .		(Lines 81 + 81a + 90)	273,246,570
Taxe	s Other than Income Taxes				
92	Taxes Other than Income Taxes		(Note O)	Attachment 2	10,432,800
93	Total Taxes Other than Income Taxes			(Line 92)	10,432,800
Retu	n \ Capitalization Calculations				
94	Long Term Interest			p117.62.c through 67.c	299,596,596
95	Preferred Dividends		enter positive	p118.29.d	
33			enter positive	p110.29.d	
00	Common Stock		(NI=+= D)	Association and C	0.004.007.00
96 97	Proprietary Capital  Less Accumulated Other Comprehensive Inc.	ome Account 210	(Note P) (Note P)	Attachment 5 Attachment 5	8,201,697,087 1,021,739
98	Less Preferred Stock	one Account 219	(Note F)	(Line 106)	1,021,73
99	Less Account 216.1		(Note P)	Attachment 5	3,331,169
100	Common Stock		, , , , , ,	(Line 96 - 97 - 98 - 99)	8,197,344,179
	Capitalization				
101	Long Term Debt		(Note P)	Attachment 5	7,362,278,245
102 103	Less Loss on Reacquired Debt		(Note P)	Attachment 5	63,934,374
103	Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss		(Note P) (Note P)	Attachment 5 Attachment 5	16,982,115
105	Total Long Term Debt		(Note F)	(Line 101 - 102 + 103 - 104 )	7,281,361,756
106	Preferred Stock		(Note P)	Attachment 5	7,201,001,700
107	Common Stock		( )	(Line 100)	8,197,344,179
108	Total Capitalization			(Sum Lines 105 to 107)	15,478,705,93
109	Debt %	Total Long Term Debt		(Line 105 / Line 108)	47.04%
110	Preferred %	Preferred Stock		(Line 106 / Line 108)	0.00%
111	Common %	Common Stock		(Line 107 / Line 108)	52.96%
112	Debt Cost	Total Long Term Debt		(Line 94 / Line 105)	0.041
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)	0.0194
116	Weighted Cost of Preferred	Preferred Stock		(Line 110 * Line 113)	0.0000
117	Weighted Cost of Common	Common Stock		(Line 111 * Line 114)	0.0619
118	Rate of Return on Rate Base ( ROR )			(Sum Lines 115 to 117)	0.0812
119	Investment Return = Rate Base * Rate of Return	1		(Line 58 * Line 118)	643,031,192

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ATTA	CHMENT H-10A		FERC Form 1 Page # or	12 Months Ended
	ula Rate Appendix A	Notes	Instruction	12/31/2018
	ed cells are input cells posite Income Taxes			
120	Income Tax Rates FIT=Federal Income Tax Rate	(Note I)		21.00%
121	SIT=State Income Tax Rate or Composite			9.00%
122 123	p T	(percent of federal income tax deductible for state purposes; T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =	e) Per State Tax Code	0.00% 28.11%
124	T / (1-T)	1=1-{[(1-311) (1-111)]/(1-311 111 p)}=		39.10%
	ITC Adjustment			
125	Amortized Investment Tax Credit	enter negative (Note O)	Attachment 5	-561,00
126	1/(1-T) Net Plant Allocation Factor		1 / (1 - Line 123)	139.10% 59.30%
127 128	ITC Adjustment Allocated to Transmission		(Line 18) (Line 125 * Line 126 * Line 127)	-462,75
129	Income Tax Component =	(T/1-T) * Investment Return * (1-(WCLTD/ROR)) =	[Line 124 * Line 119 * (1- (Line 115 / Line 118))]	191,508,96
130	Total Income Taxes		(Line 128 + Line 129)	191,046,205
Rever	nue Requirement			
	Summary			
131	Net Property, Plant & Equipment		(Line 43)	10,235,109,33
132	Total Adjustment to Rate Base		(Line 57)	-2,317,111,42
133	Rate Base		(Line 58)	7,917,997,90
134	Total Transmission O&M		(Line 80)	133,933,18
135	Total Transmission Depreciation & Amortization		(Line 91)	273,246,57
136 137	Taxes Other than Income Investment Return		(Line 93) (Line 119)	10,432,80 643,031,19
138	Income Taxes		(Line 130)	191,046,20
139	Gross Revenue Requirement		(Sum Lines 134 to 138)	1,251,689,95
139	Gross Revenue Requirement		(Sum Lines 134 to 136)	1,251,009,95
140	Adjustment to Remove Revenue Requirements A	ssociated with Excluded Transmission Facilities	(l inc 10)	11 162 940 22
140 141	Transmission Plant In Service Excluded Transmission Facilities	(Note B & M	(Line 19) I) Attachment 5	11,162,840,22
142	Included Transmission Facilities	,	(Line 140 - Line 141)	11,162,840,22
143	Inclusion Ratio		(Line 142 / Line 140)	100.009
144 145	Gross Revenue Requirement Adjusted Gross Revenue Requirement		(Line 139) (Line 143 * Line 144)	1,251,689,95 1,251,689,95
146	Revenue Credits & Interest on Network Credits Revenue Credits	(Note O)	Attachment 3	21,251,49
147	Interest on Network Credits	(Note N & O		,
148	Net Revenue Requirement		(Line 145 - Line 146 + Line 147)	1,230,438,46
149	Net Plant Carrying Charge Gross Revenue Requirement		(Line 144)	1,251,689,95
150	Net Transmission Plant, CWIP and Abandoned Pla	ant	(Line 19 - Line 32 + Line 45 + Line 45a)	10,296,207,75
151	Net Plant Carrying Charge		(Line 149 / Line 150)	12.1568%
152 153	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, R	oturn, nor Incomo Taxos	(Line 149 - Line 81) / Line 150 (Line 149 - Line 81 - Line 119 - Line 130) / Line 1	<b>9.5706</b> % 5( <b>1.4698</b> %
155	Net Flant Carrying Charge without Depreciation, N	eturn, nor income raxes	(Line 149 - Line 01 - Line 119 - Line 130) / Line 1	3( 1.4036)
	Net Plant Carrying Charge Calculation per 100 Ba		##	
154 155	Gross Revenue Requirement Less Return and Tax Increased Return and Taxes	Kes	(Line 144 - Line 137 - Line 138) Attachment 4	417,612,55 892,406,51
156	Net Revenue Requirement per 100 Basis Point inc	rease in ROE	(Line 154 + Line 155)	1,310,019,07
157	Net Transmission Plant, CWIP and Abandoned Plant	ant	(Line 19 - Line 32 + Line 45 + Line 45a)	10,296,207,75
158 159	Net Plant Carrying Charge per 100 Basis Point inc Net Plant Carrying Charge per 100 Basis Point in F		(Line 156 / Line 157) (Line 156 - Line 81) / Line 157	12.7233% 10.1371%
		** ** *******		
160 161	Net Revenue Requirement True-up amount		(Line 148) Attachment 6	1,230,438,46 12,591,53
162	Plus any increased ROE calculated on Attachment	t 7 other than PJM Sch. 12 projects not paid by other PJM trans	smission z Attachment 7	5,789,35
163 164	Facility Credits under Section 30.9 of the PJM OA  Net Zonal Revenue Requirement	π	Attachment 5 (Line 160 + 161 + 162 + 163)	1,248,819,35
104	•		(Eino 100 1 101 1 102 + 100)	1,240,013,33
165	Network Zonal Service Rate 1 CP Peak	(Note L)	Attachment 5	9,566.
166	Rate (\$/MW-Year)	(Note L)	(Line 164 / 165)	130,535.2
100				

Exhibit 1 Page 5 of 63

#### Public Service Electric and Gas Company

#### ATTACHMENT H-10A

FERC Form 1 Page # or Formula Rate -- Appendix A Notes Instruction

#### 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 "&A2488"."
- 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

12/31/2018

Page 6 of 63 Exhibit 1

## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31,2018

	Only Transmission Related	Plant Related	Labor Related	Total ADIT
ADIT- 282	(2,597,832,425)	0	(36,267,968)	From Acct. 282 total, below
ADIT-283	0	(14,192,780)	0	From Acct. 283 total, below
ADIT-190	0	0	12,168,870	From Acct. 190 total, below
Subtotal	(2,597,832,425)	(14,192,780)	(24,099,098)	
Wages & Salary Allocator			16.0000%	
Net Plant Allocator		59.3008%		
End of Year ADIT	(2,597,832,425)	(8,416,431)	(3,855,865)	(2,610,104,721)
End of Previous Year ADIT (from Sheet 1A-ADIT (	3)) (2,383,691,531)	(8,797,786)	(2,991,346)	(2,395,480,663)
Average Beginning and End of Year ADIT	(2,490,761,978)	(8,607,109)	(3,423,606)	(2,502,792,692) 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
(14,192,780) < 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	D	E	F	G
ADIT-190	I Otal	Or Other	Only Transmission	Plant	Labor	
		Related	Related	Related	Related	Justification
ADIT - Contribution In Aid of Construction	33.971.473	33.971.473				Represents the estimated IRC 118 amount (CIAC)
Vacation Pay	631,750				631,750	Vacation pay earned and expensed for books, tax deduction when paid - employees in all functions
OPEB	180.153.245				180.153.245	FASB 106 - Post Retirement Obligation, labor related.
Deferred Dividend Equivalents	3.105.261				3.105.261	Book accrual of dividends on employee stock options affecting all functions
Deferred Compensation	395,586	_			395,586	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
ADIT - Unallowable PIP Accrual						Book estimate accrued and expensed, tax deduction when paid - employees in all functions
Bankruptcies \$ Acfc	189,384	189,384				Book estimate accrued and expensed, tax deduction when paid - Generation Related
Federal Taxes Deferred	5.554.630			5.554.630		FASB 109 - deferred tax asset primarily associated with items previously flowed through due to regulation
Miscellaneous	(1.631.739)	(9.668.012)			8.036.273	
Subtotal - p234	222,369,590	24,492,845		5,554,630	192,322,115	
Less FASB 109 Above if not separately removed	5,554,630			5,554,630		
Less FASB 106 Above if not separately removed	180,153,245		·		180,153,245	
Total	36,661,715	24,492,845		0	12,168,870	

Instructions for Account 190:

- 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

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31,2018

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#### Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	B Total	C Gas. Prod	D Only	E	F	G
ADIT- 282	rotar	Or Other Related	Transmission Related	Plant Related	Labor Related	Justification
Depreciation - Liberalized Depreciation (Federal)	(4.004.267.788)	(1.595.753.854)	(2.375.774.816)		(32.739.118)	For federal - Column D represents the direct assignment of prorated ADIT associated with Transmission assets,, column F represents ADIT associated with the allocation of common plant and column C represents estimated electrical distribution ADIT
Depreciation - Liberalized Depreciation (State)	(412,147,501)	(186,561,043)	(222,057,608)		(3,528,850)	For state - Column D represents the direct assignment of prorated ADIT associated with Transmission assets,, column F represents ADIT associated with the allocation of common plant and column C represents estimated electrical distribution ADIT
Accounting for Income Taxes	(317,127,352)	(267,274,356)	(49,588,141)		(264,855)	FASB 109 - deferred tax liability primarily associated with plant related items previously flowed through due to regulation
Subtotal - p275	(4,733,542,641)	(2,049,589,252)	(2,647,420,566)	0	(36,532,823)	
Less FASB 109 Above if not separately removed	(49,852,996)		(49,588,141)	0	(264,855)	
Less FASB 106 Above if not separately removed						
Total	(4,683,689,644)	(2,049,589,252)	(2,597,832,425)	0	(36,267,968)	

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
- 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

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Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31,2018

						Page 3 of 3
A	В	C Gas, Prod or Other	D Only Transmission	E	F	G
ADIT-283	Total	Related	Related	Plant	Labor	
Environmental Cleanup Costs	(61,165,265)	(61,165,265)	-		-	Book estimate accrued and expensed, tax deduction when paid - Manufactured Gas Plants
New Jersey Corporation Business Tax	11,114,837	11,114,837		-		New Jersey Corporate Income Tax - Plant Related- Contra Account of 190 NJCBT
Accelerated Activity Plan	(105,453,531)	(105,453,531)				Demand Side management and Associated Programs - Retail Related
Loss on Reacquired Debt	(14.192.780)			(14,192,780)		Tax deduction when reacquired, booked amortizes to expense
Additional Pension Deduction	(158.168.868)	(158.168.868)				Associated with Pension Liability not in rates
Sales Tax Reserve	-				-	Sales tax audit reserve
Miscellaneous	37,177,610	37,177,610			-	Miscellaneous Tax Adjustments
Deferred Gain	(46,845,469)	(46,845,469)			-	Deferred gain resulted from 2000 deregulation step up basis
Accounting for Income Taxes (FAS109) - Federal	(232,692,205)			(232,692,205)	-	FASB 109 - deferred tax liability primarily non-plant related items previously flowed through due to regulation
Subtotal - p277	(570,225,671)	(323,340,687)		(246,884,985)		
Less FASB 109 Above if not separately removed	(232,692,205)			(232,692,205)		
Less FASB 106 Above if not separately removed						
Total	(337,533,467)	(323,340,687)		(14,192,780)		

#### 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

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

	Only Transmission Related	Plant Related	Labor Related	Total ADIT	Page 1 of 3
ADIT-282 ADIT-293 ADIT-190 Subiotal Wages & Salary Allocator Net Plant Allocator End of Year ADIT	(2,383,691,531) 0 0 (2,383,691,531) (2,383,691,531)	0 (14,835,865) 0 (14,835,865) 59,3008% (8,797,786)	(30,864,733) 0 12,168,870 (18,695,863) 16.0000% (2,991,346)	From Acct. 282 total, below From Acct. 283 total, below From Acct. 190 total, below (2,395,480,663)	

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
(14.835,865) < 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	D Only	E	F	G
ADIT-190	Iotal	Or Other	Transmission	Plant	Labor	
		Related	Related	Related	Related	Justification
ADIT - Contribution In Aid of Construction	37,748,575	37,748,575		-	-	Represents the estimated IRC 118 amount (CIAC)
Vacation Pay	631,750	-		-	631,750	Vacation pay earned and expensed for books, tax deduction when paid - employees in all functions
OPEB	179,879,275	-		-	179,879,275	FASB 106 - Post Retirement Obligation, labor related.
Deferred Dividend Equivalents	3.105.261			_	3,105,261	Book accrual of dividends on employee stock cotions affecting all functions
Deferred Compensation	395.586	-		-	395.586	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
ADIT - Unallowable PIP Accrual		-		-	-	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
Bankruptcies \$ Acfc	189,384	189,384		-	-	Book estimate accrued and expensed, tax deduction when paid - Generation Related
Federal Taxes Deferred	5,554,630	-		5,554,630	-	FASB 109 - deferred tax asset primarily associated with items previously flowed through due to regulation
Miscellaneous	(1.631.739)	(9.668.012)		_	8.036.273	
Subtotal - p234	225,872,721	28,269,947		5,554,630	192,048,144	
Less FASB 109 Above if not separately removed	5,554,630			5,554,630		
Less FASB 106 Above if not separately removed	179,879,275				179,879,275	
Total	40 438 817	28 269 947		0	12 168 870	

Instructions for Account 190:

- 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

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

Page 2 of 3

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Wor	ksheet					
A	B Total	C Gas, Prod	D Only	E	F	G
ADIT- 282		Or Other Related	Transmission Related	Plant Related	Labor Related	Justification
Depreciation - Liberalized Depreciation (Federal)	(3,710,135,516)	(1,484,577,833)	(2,198,221,800)	_	(27,335,883)	For Federal - Column D represents the direct assignment of ADIT, unprorated, associated with Transmission assets, column F represents ADIT associated with the allocation of common plant and column C represents estimated electrical distribution ADIT
Decreciation - Liberalized Decreciation (State)	(360.901.871)	(171.903.290)	(185.469.731)	_	(3.528.850)	For State - Column D represents the direct assignment of ADIT, unprorated, associated with Transmission assets, column F represents ADIT associated with the allocation of common plant and column C represents estimated electrical distribution ADIT
Accounting for Income Taxes	(49,852,996)	_	(49,588,141)		(264,855)	FASB 109 - deferred tax liability primarily associated with plant related items previously flowed through due to regulation
Subtotal - p275	(4,120,890,383)	(1,656,481,123)	(2,433,279,672)	0	(31,129,588)	
Less FASB 109 Above if not separately removed	(49,852,996)		(49,588,141)	0	(264,855)	
Less FASB 106 Above if not separately removed						
Total	(4,071,037,387)	(1,656,481,123)	(2,383,691,531)	0	(30,864,733)	

#### 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
- 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

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

						Page 3 of 3
A	В	c	D	E	F	G
ADIT-283	Total	Gas, Prod or Other Related	Only Transmission Related	Plant	Labor	
Environmental Cleanup Costs	(61,165,265)	(61,165,265)		-		Book estimate accrued and expensed, tax deduction when paid - Manufactured Gas Plants
New Jersey Corporation Business Tax	11,699,896	11,699,896	-	-	-	New Jersey Corporate Income Tax - Plant Related- Contra Account of 190 NJCBT
Accelerated Activity Plan	(104.257.965)	(104.257.965)		_		Demand Side management and Associated Programs - Retail Related
Loss on Reacquired Debt	(14.835.865)			(14.835.865)	_	Tax deduction when reacquired, booked amortizes to expense
Additional Pension Deduction	(158.168.868)	(158.168.868)		_	_	Associated with Pension Liability not in rates
Sales Tax Reserve				_	_	Sales tax audit reserve
Miscellaneous	32,730,151	32,730,151		-	-	Miscellaneous Tax Adjustments
Deferred Gain	(46.845.469)	(46.845.469)		_		Deferred gain resulted from 2000 deregulation step up basis
Accounting for Income Taxes (FAS109) - Federal	(232,692,205)	-		(232,692,205)	-	FASB 109 - deferred tax liability primarily non-plant related items previously flowed through due to regulation
Subtotal - p277	(573,535,590)	(326,007,521)		(247,528,070)		
Less FASB 109 Above if not separately removed	(232,692,205)			(232,692,205)		
Less FASB 106 Above if not separately removed						
Total	(340,843,386)	(326,007,521)	·	(14,835,865)		

- 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

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# Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 2 - Taxes Other Than Income Worksheet - December 31, 2018

Oth	er Taxes	Page 263 Col (i)	Allocator	Allocated Amount	
	Plant Related				
1 2	Real Estate Total Plant Related	21,308,000 21,308,000 I	N/A	7,881,000	Attachment #5
	Labor Related	Wages	& Salary Allocate	or	
3 4 5 6 7	FICA Federal Unemployment Tax New Jersey Unemployment Tax New Jersey Workforce Development	14,264,750 322,070 687,790 674,100			
8	Total Labor Related	15,948,710	16.0000%	2,551,800	•
0	Other Included	Ne	t Plant Allocator		
9 10 11 12	Total Order to the form		50.00000/		
13	Total Other Included	0	59.3008%	0	_
14	Total Included (Lines 8 + 14 + 19)	37,256,710		10,432,800	=
	Currently Excluded				
15 16 17 18 19 20 21 22	Corporate Business Tax TEFA Use & Sales Tax Local Franchise Tax PA Corporate Income Tax Municipal Utility Public Utility Fund Subtotal, Excluded  Total, Included and Excluded (Line 20 + Line 28)	0 0 0 0 0 0 0 0 0 0 0 37,256,710			
24	Total Other Taxes from p114.14.g - Actual	37,256,710			
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.

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### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 3 - Revenue Credit Workpaper - December 31, 2018

	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
	<ul> <li>4 Schedule 1A</li> <li>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)</li> </ul>		4,665,000
	6 Point to Point Service revenues for which the load is not included in the divisor received by Transmission Owner		6,650,000
	7 Professional Services (Note 2)		45,000
	8 Revenues from Directly Assigned Transmission Facility Charges (Note 1) 9 Rent or Attachment Fees associated with Transmission Facilities (Note 2)		7,962,979 4,845,371
	V North of Attachment 1 000 accordated with 1 tall of model (1000 2)		1,010,011
1	0 Gross Revenue Credits	(Sum Lines 1-9)	24,768,349
	1 Less line 18 2 Total Revenue Credits	- line 18 line 10 + line 11	(3,516,857) 21,251,492
	3 Revenues associated with lines 2, 7, and 9 (Note 2) 4 Income Taxes associated with revenues in line 13		5,490,371 1,543,343
	<ul> <li>5 One half margin (line 13 - line 14)/2</li> <li>6 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</li> </ul>		1,973,514
1	issue. 7 Line 15 plus line 16		- 1,973,514
	8 Line 13 less line 17		3,516,857
			-

- 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 <u>Pacific Gas and Electric Company</u>, 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).

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

Return and Taxes with 100 Basis Point increase in ROE
A 100 Basis Point increase in ROE and Income Taxes Line 27 + Line 42 from below 892,406,517

	100 Basis Point increase in ROE			1.00%
turn C	alculation		Appendix A Line or Source Reference	Α.
1	Rate Base		(Line 43 + Line 57)	7,917,997,903
2	Long Term Interest		p117.62.c through 67.c	299,596,596
3	Preferred Dividends	enter positive	p118.29.d	
	Common Stock			
4	Proprietary Capital		Attachment 5	8,201,697,08
5	Less Accumulated Other Comprehensive Income Account 2	9	p112.15.c	1,021,73
6	Less Preferred Stock		(Line 106)	0.004.4
7	Less Account 216.1		Attachment 5	3,331,16
8	Common Stock		(Line 96 - 97 - 98 - 99)	8,197,344,17
	Capitalization			
9	Long Term Debt		Attachment 5	7,362,278,24
0	Less Loss on Reacquired Debt		Attachment 5	63,934,37
1	Plus Gain on Reacquired Debt		Attachment 5	
2	Less ADIT associated with Gain or Loss		Attachment 5	16,982,11
3	Total Long Term Debt		(Line 101 - 102 + 103 - 104)	7,281,361,75
4	Preferred Stock		Attachment 5	
15	Common Stock		(Line 100)	8,197,344,17
6	Total Capitalization		(Sum Lines 105 to 107)	15,478,705,93
7	Debt %	Total Long Term Debt	(Line 105 / Line 108)	47.0
8	Preferred %	Preferred Stock	(Line 106 / Line 108)	0.0
9	Common %	Common Stock	(Line 107 / Line 108)	53.09
0	Debt Cost	Total Long Term Debt	(Line 94 / Line 105)	0.041
1	Preferred Cost	Preferred Stock	(Line 95 / Line 106)	0.000
2	Common Cost	Common Stock	(Line 114 + 100 basis points)	0.1268
3	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 109 * Line 112)	0.019
24	Weighted Cost of Preferred	Preferred Stock	(Line 110 * Line 113)	0.000
25	Weighted Cost of Common	Common Stock	(Line 111 * Line 114)	0.067
:6	Rate of Return on Rate Base ( ROR )		(Sum Lines 115 to 117)	0.086
27	Investment Return = Rate Base * Rate of Return		(Line 58 * Line 118)	684,963,99
npos	ite Income Taxes			
	Income Tax Rates			
28	FIT=Federal Income Tax Rate			21.009
9	SIT=State Income Tax Rate or Composite			9.009
0	p = percent of federal income tax deductible for state purposes		Per State Tax Code	0.00
1		SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =		28.119
5	CIT = T / (1-T)	, , , , , , , , , , , , , , , , , , , ,		39.10
	1 / (1-T) `			139.10
	ITC Adjustment		August and E	-561,00
6	ITC Adjustment Amortized Investment Tax Credit	enter negative	Attachment 5	
7		enter negative	1 / (1 - Line 123)	
7	Amortized Investment Tax Credit	enter negative		1399
6 7 8 9	Amortized Investment Tax Credit 1/(1-T)	enter negative	1 / (1 - Line 123)	1399 59.30089
36 37 38 39	Amortized Investment Tax Credit 1/(1-T) Net Plant Allocation Factor	enter negative	1 / (1 - Line 123) (Line 18)	1399 59.30089
37 38 39 40	Amortized Investment Tax Credit 1/(1-T) Net Plant Allocation Factor ITC Adjustment Allocated to Transmission	enter negative  ) * Investment Return * (1-(WCLTD/R)) =	1 / (1 - Line 123) (Line 18)	-901,000 1399 59,30089 -462,759 207,905,280

#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 5 - Cost Support - December 31, 2018

Exhibit 1 Attachment 5 - Cost Support - December 31, 2018 Page 15 of 63

																	il .	Page 1 of 3
Electric / N	Ion-electric Cost Support			Previous Year						Current	Year - 2018							Non electric
Line #s	Descriptions	Notes	Page #'s & Instructions	Form 1Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Form 1 Dec	Average	Non-electric Portion
	Plant Allocation Factors																	
6	Electric Plant in Service (Excludes Asset Retirement Costs - ARC)	(Note B)	p207.104g	19,742,890,957	19,825,595,886	20,104,813,744	20,326,447,804	20,629,167,815	20,938,813,587	21,251,316,482	21,275,826,367	21,310,782,349	21,361,638,363	21,392,735,723	21,488,874,616	22,056,135,585	20,900,387,637	
7	Common Plant in Service - Electric	(Note B)	p356	166,892,472	174,040,289	175,018,338	175,371,682	177,520,426	178,196,663	183,353,886	183,803,836	184,182,556	184,503,100	184,138,849	184,739,613	195,374,795	180,548,962	
9	Accumulated Depreciation (Total Electric Plant)	(Note B & J)	p219.29c	3,575,858,512	3,602,342,995	3,624,829,494	3,648,313,023	3,672,223,218	3,698,796,132	3,725,777,927	3,754,325,988	3,787,335,889	3,820,361,059	3,852,958,335	3,887,247,801	3,920,455,502	3,736,217,375	
10	Accumulated Intangible Amortization	(Note B)	p200.21c	5,106,935	5,257,546	5,408,158	5,558,770	5,709,382	5,859,994	6,089,439	6,319,170	6,549,187	6,779,346	7,009,506	7,239,665	7,469,825	6,181,302	
11	Accumulated Common Plant Depreciation - Electric	(Note B & J)	p356	26,784,199	27,457,199	28,135,932	28,228,175	28,909,914	29,458,853	30,106,466	30,706,076	31,152,681	31,616,888	31,348,042	32,065,970	29,952,655	29,686,389	
12	Accumulated Common Amortization - Electric	(Note B)	p356	44,901,775	45,593,505	46,288,901	46,986,589	47,707,734	48,432,088	49,160,796	49,893,170	50,630,128	51,371,669	52,117,564	52,867,814	53,675,584	49,202,101	ı
	Plant In Service																ı	
19	Transmission Plant in Service (Excludes Asset Retirement Costs - ARC)	(Note B)	p207.58.g	10,365,352,227	10,418,460,440	10,654,754,333	10,803,752,626	11,047,483,689	11,197,875,412	11,396,279,745	11,402,371,078	11,409,839,411	11,442,672,744	11,453,360,077	11,528,537,410	11,996,183,743	11,162,840,225	
20	General (Excludes Asset Retirement Costs - ARC)	(Note B)	p207.99.g	283,648,204	282,074,003	282,991,051	296,126,545	317,361,077	334,115,384	359,257,530	357,382,915	358,669,946	359,343,461	360,848,977	363,831,120	364,244,743	332,299,612	
21	Intangible - Electric	(Note B)	p205.5.g	11,449,861	11,449,861	11,449,861	11,449,861	11,449,861	11,449,861	18,069,861	18,093,861	18,117,861	18,129,861	18,129,861	18,129,861	18,129,861	15,038,477	
22	Common Plant in Service - Electric	(Note B)	p356	166,892,472	174,040,289	175,018,338	175,371,682	177,520,426	178,196,663	183,353,886	183,803,836	184,182,556	184,503,100	184,138,849	184,739,613	195,374,795	180,548,962	
24	General Plant Account 397 Communications	(Note B)	p207.94g	32,169,518	31,810,056	31,876,056	31,943,056	31,436,763	31,502,763	42,721,534	40,247,165	40,412,165	40,515,165	40,582,125	42,738,947	42,060,110	36,924,263	
25	Common Plant Account 397 Communications	(Note B)	p356	35,317,165	35,317,165	35,317,165	35,317,165	35,317,165	35,317,165	35,317,165	35,265,190	35,265,190	35,000,156	35,000,156	34,992,175	34,985,952	35,209,921	
29	Account No. 397 Directly Assigned to Transmission	(Note B)	Company Records	20,410,777	20,410,777	20,410,777	20,410,777	20,410,777	20,410,777	20,409,814	17,787,788	17,787,788	17,787,788	17,787,747	17,777,570	17,621,777	19,186,533	
	Accumulated Depreciation																	
32	Transmission Accumulated Depreciation	(Note B & J)	p219.25.c	892,839,935	905,106,797	917,307,248	928,910,694	938,625,603	949,517,295	961,072,796	976,553,613	993,348,882	1,009,381,169	1,024,313,830	1,040,675,847	1,057,459,855	968,854,890	
33	Accumulated General Depreciation	(Note B & J)	p219.28.b	143,531,156	142,881,390	139,215,665	137,245,265	137,612,587	138,829,382	139,517,055	137,607,804	138,477,823	139,342,936	140,970,309	142,263,293	142,125,843	139,970,808	
34	Accumulated Common Plant Depreciation & Amortization - Electric	(Note B & J)	p356	71,685,975	73,050,704	74,424,833	75,214,764	76,617,648	77,890,941	79,267,262	80,599,246	81,782,809	82,988,557	83,465,606	84,933,784	83,628,239	78,888,490	
35	Accumulated General Depreciation Associated with Acct. 397	(Note B & J)	Company Records	28,475,982	28,693,363	29,337,757	29,982,709	30,050,149	30,691,431	31,416,975	29,436,351	30,151,445	30,600,156	31,314,418	32,028,469	31,790,354	30,305,351	
41	Acc. Deprec. Acct. 397 Directly Assigned to Transmission	(Note B & J)	Company Records	20,064,602	20,234,691	20,404,781	20,574,871	20,744,961	20,915,051	21,084,169	18,610,375	18,758,606	18,906,838	19,055,029	19,192,998	19,184,053	19,825,463	

Wages & Salary

Descriptions	Notes	ge #'s & Instructions	End of Year
Total Wage Expense	(Note A)	54.28b	207,395,000
Total A&G Wages Expense	(Note A)	54.27b	9,733,000
Transmission Wages		54.21b	207,395,000 9,733,000 31,626,000
	Descriptions  Total Wage Expense  Total A&G Wages Expense  Transmission Wages		Total Wage Expense

Transmission / Non-transmission Cost Support

			Beginning Year	
Line #s	Descriptions	Notes Page #'s & Instructions	Balance End of Year	Average
	Plant Held for Future Use (Including Land)	(Note C & Q) p214.47.d	20,440,107 27,940,107	24,190,107
46	Transmission Only		17,076,194 19,094,194	18,085,194

repayment

Line #s	Descriptions	Notes Page #'s & Instructions	Previous Year	Electric Beginning Year Balance	Electric End of Year Balance	Average Balance	Wage & Salary Allocator	To Line 47	
	Prepayments								
47	Prepayments	(Note A & Q) p111.57c	0	(	0	0	16.000%	-	

Materials and Supplies

materials a			Beginning Year
Line #s	Descriptions	Notes Page #'s & Instructions	Balance End of Year Average
	Materials and Supplies		
48 51	Undistributed Stores Exp Transmission Materials & Supplies	(Note Q) p227.16.b,c (Note N & Q)) p227.8.b,c	0 0 0 48,632,000 48,632,000 48,632,000

Outstanding Network Credits Cost Support

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

D&M Expense

- Oui	Expense.				
Line	#s I	Descriptions	Notes	Page #'s & Instructions	End of Year
	59	Transmission O&M	(Note O)	p.321.112b p.321.96b	107,887,010
	60	Transmission Lease Payments		p321.96.b	-

Property Insurance Expenses

Line #s	Descriptions	Notes	Page #5 & Instructions	End of Year
65	Property Insurance Account 924	(Note O)	p323.185b	3,032,000

#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 5 - Cost Support - December 31, 2018

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Exhibit 1 Attachment 5 - Cost Support - December 31, 2018 Page 16 of 63

Adjustment	Page 2 of Page 2 of Page 3								
Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year					
62 63	Total A&G Expenses (Benefit Costs determined in accordance with ASU 2017-17)  Actual PBOP expense	(Note J)	p323.197b Company Records	172,512,000 - 26.864.000					
64		(Note O)	Company Records	26,864,000 37,487,000					

	Transmission	

				Transmission
Line #s	Descriptions	Notes Page #'s & Instructions	End of Year	Related
	Allocated General & Common Expenses			
6	Regulatory Commission Exp Account 928	(Note E & O) p323.189b	10,400,000	-
	Directly Assigned A&G			
7	Regulatory Commission Exp Account 928	(Note G & O) p351.11-12h	835,000	835,000

#### General & Common Expenses

Li	ie#s D	Descriptions	Notes Page #5 & Instructions	End of Year	EPRI Dues
	68	Less EPRI Dues	(Note D & O) p352-353	-	-

#### Safety Related Advertising Cost Support

,000	- 2,	125,000
2,125	2,125,000	2,125,000 - 2,1

#### Education and Out Reach Cost Support

				Education &	
Line #s	Descriptions	Notes Page #'s & Instructions	End of Year	Outreach	Other
	Directly Assigned A&G				
76	General Advertising Exp Account 930.1	(Note K & O) p323.191b	2,125,000	-	2,125,000

#### Depreciation Expense

Line #s	Descriptions	Notes Page #'s & Instructions	End of Year
	Depreciation Expense		
81 82 83 85 89	Depreciation-Transmission Depreciation-General & Common Depreciation-General Expense Associated with Acct. 397 Depreciation-Intengible Transmission Depreciation Expense for Acct. 397	(Note J & O) p336.7.f (Note J & O) p336.10811.f (Note J & O) Company Records (Note A & O) p336.1.f (Note J & O) Company Records	266,279,924 27,729,088 7,252,148 11,136,699 1,908,451

#### Direct Assignment of Transmission Real Estate Taxes

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year	Related	Transmission	
92	Real Estate Taxes - Directly Assigned to Transmission		p263.33i	21,308,000	7,881,000	13,427,000	
						ļ	

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

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Exhibit 1 Attachment 5 - Cost Support - December 31, 2018 Page 17 of 63

Keturii (Cap						
Line #s	Descriptions	Notes	ge #'s & Instructions	2015 End of Year 2	016 End of Year	Average
96	Proprietary Capital	(Note P)	12.16.c,d	7.629.005.378	8.774.388.796	8,201,697,087
97	Accumulated Other Comprehensive Income Account 219		12.15.cd	1.227.004	816.474	1,021,739
99	Account 216.1		19.53.c&d	3,474,616	3,187,722	3,331,169
101	Long Term Debt	(Note P)	12.18.c,d thru 23.c,d	6,861,859,145	7,862,697,345	7,362,278,245
102	Loss on Reacquired Debt	(Note P)	11.81.c,d	66,774,576	61,094,172	63,934,374
103	Gain on Reacquired Debt	(Note P)	13.61.c,d			0
104	ADIT associated with Gain or Loss on Reacquired Debt		77.3.k (footnote)	16,982,115	16,982,115	16,982,115
106	Preferred Stock	(Note P)	12.3.c,d	-	-	0

MandelCanan	Median

Line #s	Descriptions	Notes Page #'s & Instructions	State 1	State 2	State 3
	Income Tax Rates				
121	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	561,000

#### Excluded Transmission Facilities

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

#### Interest on Outstanding Network Credits Cost Support

Line #s	Descriptions	Notes Page #5 & Instructions	End of Year
14	7 Interest on Network Credits	(Note N & C)	

### Facility Credits under Section 30.9 of the PJM OATT

Line #	Descriptions Notes	Page #'s & instructions	End of Year
	Revenue Requirement		
1			-

#### 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	9,566.9

### Abandoned Transmission Projects

Line #s D	Descriptions	·	BRH Project	Pr	oject X	Pr	oject Y	
	Beginning Balance of Unamortized Transmission Projects	Per FERC Order	\$ -	\$	-	\$		
	Years remaining in Amortization Period	Per FERC Order	s -	\$		S	-	
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)	\$ -	\$	-	\$	-	-
е	Average Balance of Unamortized Abandoned Transmission Projects	(line a + d)/2	\$ -	\$	-	\$	-	
	Non Incentive Return and Income Taxes	(Appendix A line 137+ line 138)	s -	s		s		
h	Rate Base	(Appendix A line 58)	\$ -	\$	-	\$	-	
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	Ahandoned Transmission Project	ER12-2274					

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#### Public Service Electric and Gas Company ATTACHMENT H-10A

Attachment 6 - True-up Adjustment for Network Integration Transmission Service - December 31, 2018

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

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 (i) books and records for that calendar year, consistent with FERC accounting policies. 2

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). (ii)

(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

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
June	2017	TO populates the formula with Year 2016 actual data and calculates the 2016 True-Up Adjustment Before Interest
October	2017	TO calculates the Interest to include in the 2016 True-Up Adjustment
October	2017	TO populates the formula with Year 2018 estimated data and 2016 True-Up Adjustment

Formula Rate was not in effect for 2006 or 2007.

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. He 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

ATRR based on actual costs included for the previous calendar year but excludes the true-up adjustment. ATRR based on projected costs included for the previous calendar year but excludes the true-up adjustment.

Difference (A-B) Future Value Factor (1+i)^24

True-up Adjustment (C\*D)

Where: i = average interest rate as calculated below

Interest on Amount of Refunds or Surcharges

Month Month Yr Year 1 Year 2 January 0.2800% February 0.2600% 0.2800% 0.2800% 0.2900% 0.2900% 0.3000% 0.3000% 0.3000% March April May June July August September October 0.3000% 0.2900% 0.3000% 0.3000% 0.2700% 0.3000% November December January February March March April May June July August September 0.3000% 0.3000% 0.3200% 0.3000% 0.3400% 0.3400% 0.3300% 0.2976% Average Interest Rate

1,064,228,952 11,724,752 <Note: for the first rate year, divide this 1.07393 reconciliation amount by 12 and multiply 12,591,534 by the number of months and fractional months the rate was in effect. Exhibit 1 Page 19 of 63

## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2018

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									dditions - 2018				
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)	(J)	(K)	(L)	(M)
							Convert the Bergen - Marion 138 kV path to	Convert the Marion - Bayonne "L" 138 kV circuit		Construct a new Bayway - Bayonne	Construct a new North Ave - Bayonne 345 kV	Construct a new North Ave - Airport 345 kV	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert
		Ridge Road 69kV Breaker Station (B1255)	Reconfigure Kearny- Loop in P2216 Ckt (B1589)	Reconfigure Brunswick Sw- New 69kVCkt-T	350 MVAR Reactor Hopatcong 500kV (B2702)	Mickleton- Gloucester- Camden(B1398-		to 345 kV and any associated substation upgrades (B2436.21)		345 kV circuit and any associated substation upgrades (B2436.33)		circuit and any associated substation upgrades (B2436.50)	it to 345 kV, and any associated substation upgrades (B2436.60)
	Other Projects PIS (monthly additions)	(monthly additions)	(monthly additions)	(B2146) (monthly additions)	(monthly additions)	B1398.7) (monthly additions)	(monthly additions)	(monthly additions)	(monthly additions)	(monthly additions)	(monthly additions)	(monthly additions)	(monthly additions)
	(monthly additions)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)		(in service)	(in service)	(in service)
Dec-17	9.222.677.668	33.382.127	1.530.376	74,949,196	-	438,784,743	174,641,754	43,133,750	24,754,173	15.218.118		-	15,218,118
Jan	22.521.913	191,572	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- 1,010,100	-	5,000	16,938	1.137	1 137	200.524		-	200.524
Feb	39 984 029	190 217			-	5.000	72 474	13,156,649	13,156,649	141.962.430	13.155.532		43.884
Mar	48,273,703	594.143		-		5.000	60.637	430,421	430.421	799.071	386,938	26,103,784	22,171
Apr	55.032.865	223.817				5.000	17.253	8,786,110	581,716	843,679	105,436,138	36,175,259	33.149.302
Mav	123,826,918	129,299	19.584.758	1.947.000	-	80.000	18,211	687,981	420.170	701.225	711.485	298.021	316,633
Jun	150,159,437	18.565	106.000	9.641.161	21.224.080	100,000	19,771	562,066	8.535.382	614,707	729.092	390,579	378.065
Jul	4,051,043	-	35,000	-	18,000	100,000	23.267	260,922	387.476	345,990	93.225	51.796	22.392
Aug	3.662.511		88.000	-	18.000	100,000	18,258	259,612	363.825	367,208	125,010	24,657	681
Sep	30.948.506		37.000		15,000	100,000	23,797	252,489	308,420	321,919	73.336	20.202	888
Oct	8.829.690		36.000	-	9.000	100,000	25.867	254,326	302,616	310,929	75,766	20,349	-
Nov	14.165.647		35,000	59.287.359	9,000	-	16,108	257.297	306.151	310.860	66,590	14,480	-
Dec	465,669,098		35.000	426.000	8.000		15.017	277.237	66,677	332,611	69,412	13,262	-
Total	10.189.803.028	34,729,740	21,487,134	146.250.715	21.301.080	439.384.743	174,969,351	68,319,997	49,614,813	162,329,270	120,922,525	63,112,389	49,352,658

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2018

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				Eetim	estad Transmission E	nhancement Charges	(Refore True-Un) - 20	18				
				Local	ated Harismission E	mancement onarges	(belove fractop) 20					
							Branchburg-	Flagtown-			Reconductor	Reconductor
						Metuchen	Flagtown-	Somerville-	Roseland		Hudson - South	
1	Branchburg	Kittatinny	Essex Aldene	New Freedom	New Freedom	Transformer	Somerville	Bridgewater	Transformers	Branchburg	Waterfront	J-3410 Circuit
Total Projects	(B0130)	(B0134)		Trans.(B0411)		(B0161)	(B0169)	(B0170)	(B0274)	(B0172.2)	(B0813)	(B1017)
511,849,690	1,901,999	772,843	8,279,691	2,099,946	2,665,229	2,568,254	1,570,839	686,810	2,101,858	2,697	946,750	2,154,499

				Actual Transi	nission Enhancemen	t Charges - 2016						
							Branchburg-	Flagtown-			Reconductor	Reconductor
						Metuchen	Flagtown-	Somerville-	Roseland		Hudson - South	South Mahwah
	Branchburg	Kittatinny		New Freedom	New Freedom	Transformer	Somerville	Bridgewater	Transformers	Branchburg	Waterfront	J-3410 Circuit
Total Projects	(B0130)	(B0134)		Trans.(B0411)		(B0161)	(B0169)	(B0170)	(B0274)	(B0172.2)	(B0813)	(B1017)
549,724,505	2,293,690	930,448	9,968,442	2,528,394	3,208,097	3,110,954	1,890,650	826,705	2,529,913	3,247	1,139,246	2,592,387

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#### Public Service Electric and Gas Company ATTACHMENT H-10A A - Project Specific Estimate and Reconciliation Worksheet - D

				Attachment 6A - F	roject Specific	Estimate and Reci	onciliation worksh	eet - December 31,	2018				Page 13 of 18
					Re	econciliation by Proje	ct (without interest)						
							Metuchen	Branchburg- Flagtown-	Flagtown- Somerville-	Roseland	Wave Trap	Reconductor Hudson - South	Reconductor South Mahwah
	Total Projects	Branchburg (B0130)	Kittatinny (B0134)	(B0145)	New Freedom Trans.(B0411)		Transformer (B0161)	Somerville (B0169)	Bridgewater (B0170)	Transformers (B0274)	Branchburg (B0172.2)	Waterfront (B0813)	J-3410 Circuit (B1017)
	28,517,873	(22,848)	(8,620)	(106,012)	(23,351)	(29,948)	(30,044)	(17,700)	(7,717)	(31,969)	(30)	(10,755)	(24,532)
Interest		1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393

					True Up	by Project (with in	nterest) -2016					
							Branchburg-	Flagtown-			Reconductor	Reconductor
						Metuchen	Flagtown-	Somerville-	Roseland		Hudson - South	
	Branchburg	Kittatinny	Essex Aldene	New Freedom	New Freedom	Transformer	Somerville	Bridgewater	Transformers	Branchburg	Waterfront	J-3410 Circuit
Total Projects	(B0130)	(B0134)	(B0145)	Trans.(B0411)	Loop (B0498)	(B0161)	(B0169)	(B0170)	(B0274)	(B0172.2)	(B0813)	(B1017)
30,626,128	(24,537)	(9,257)	(113,849)	(25,077)	(32,162)	(32,265)	(19,009)	(8,287)	(34,332)	(32)	(11,550)	(26,346)

					Estimat	ed Transmission E	nhancement Char	ges (After True-U	p) -2018			
							Branchburg-	Flagtown-			Reconductor	Reconductor
	Branchburg	Kittatinny	Essex Aldene	New Freedom	New Freedom	Metuchen Transformer	Flagtown- Somerville	Somerville- Bridgewater	Roseland Transformers	Wave Trap Branchburg	Hudson - South Waterfront	South Mahwah J-3410 Circuit
Total Projects	(B0130)	(B0134)		Trans.(B0411)		(B0161)	(B0169)	(B0170)	(B0274)	(B0172.2)	(B0813)	(B1017)
542,475,818	1,877,462	763,586	8,165,842	2,074,869	2,633,067	2,535,989	1,551,830	678,523	2,067,526	2,664	935,200	2,128,153

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2018

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							Estimated Ad	ditions - 2018					
(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)	(X)	(Y)	(Z)	(AA)
	Relocate the												
	overhead portion of Linden - North				Relocate Farragut								Convert the
Construct a new		Convert the		Convert the	- Hudson "B" and	Relocate the		New Bergen	New Bayway	New Bayway			Bergen - Marion
Airport - Bayway	circuit to Bayway.		Convert the	Bayway - Linden	"C" 345 kV circuits	Hudson 2	New Bergen	345/138 kV	345/138 kV	345/138 kV	New Linden	New Bayonne	138 kV path to
345 kV circuit		"Z" 138 kV circuit	Bayway - Linden	"M" 138 kV circuit		generation to	345/230 kV	transformer #1	transformer #1	transformer #2	345/230 kV	345/69 kV	double circuit 345
and any	kV, and any	to 345 kV and	"W" 138 kV circuit	to 345 kV and	and any	inject into the 345	transformer and	and any	and any	and any	transformer and	transformer and	kV and
associated	associated	any associated	to 345 kV and any	any associated	associated	kV at Marion and	any associated	associated	associated	associated	any associated	any associated	associated
substation	substation	substation	associated	substation	substation	any associated	substation	substation	substation	substation	substation	substation	substation
upgrades	upgrades	upgrades	substation	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades
(B2436.70)	(B2436.81)	(B2436.83)	upgrades	(B2436.85)	(B2436.90)	(B2436.91)	(B2437.10)	(B2437.11)	(B2437.20)	(B2437.21)	(B2437.30)	(B2437.33)	(B2436.10)
(monthly	(monthly	(monthly	(B2436.84)	(monthly	(monthly	(monthly	(monthly	(monthly	(monthly	(monthly	(monthly	(monthly	(monthly
additions)	additions	additions)	(monthly additions)	additions)	additions)	additions)	additions)	additions)	additions)	additions)	additions)	additions)	additions)
(in service)	(in service)	(in service)	(in service)		(in service)		(in service)		(in service)	(in service)	(in service)	(in service)	(CWIP)
15,218,118	30,700,815	30,700,815	44,419,189	44,419,189	29,425,776	24,754,173	26,818,736	26,818,736	15,218,118	15,218,118	17,350,419 117,832	-	704,837
200,524 43.884	14,291,067 264,809	14,291,067 264,809	321,453 255,631	321,453 255.631	23,885 29,038	1,137			200,524 43,884	200,524 43,884	208.810	13.155.532	(50.196)
71.111.339	32,666	32,666	46.245	46.245	147,489	43.483	1.100	1.100	22.171	22.171	(1.607)	386.938	(50, 196)
239,947	141.110	141.110	84,275	84.275	354,519	1.159	1,100	1,100	31,610	31.610	1,789,753	580,558	
251,153	139,928	139,928	69.727	69,727	344,120	1,223			45.975	45,975	143.322	418,947	-
221.639	17.158	17,158	13.175	13.175	5.112.642	1.328			9,958	9,958	166,226	343.014	(654,641)
237,835	4,654	4,654	4,654	4,654	212,487	1,562			868	868	179,989	49,997	
201,868	3,652	3,652	3,652	3,652	1,993,527	1,226	-		681	681	122,848	105,132	-
308,736	4,760	4,760	4,760	4,760	189,367	1,598			888	888	160,123	51,137	-
310,087	3,900	3,900	3,900	3,900	190,744	1,610			-	-	153,239	51,509	-
307,603	3,946	3,946	3,946	3,946	184,830	1,628	-			-	146,887	52,111	-
329,102	3,438	3,438	3,438	3,438	192,764	1,755					140,496	56,149	-
88,981,836	45,611,902	45,611,902	45,234,044	45,234,044	38,401,188	24,812,999	26,819,837	26,819,837	15,574,675	15,574,675	20,678,337	15,251,024	0

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2018

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					Estimated Tra	nsmission Enhancem	ent Charges (Before	True-Up) - 2018					
			Branchburg-		New Essex-					Upgrade			
Reconductor			Sommerville-	Somerville-	Kearny 138 kV				Aldene-	Camden-	Susquehanna		
South Mahwah	Branchburg 400	Saddle Brook -	Flagtown	Bridgewater	circuit and Kearny	Salem 500 kV	230kV Lawrence	Branchburg-	Springfield Rd.	Richmond	Roseland	Susquehanna	Susquehanna
K-3411 Circuit	MVAR Capacitor	Athenia Upgrade	Reconductor	Reconductor	138 kV bus tie	breakers (B1410-	Switching Station	Middlesex Switch	Conversion	230kV Circuit	Breakers (b0489.5-	Roseland <	Roseland >
(B1018)	(B0290)	Cable (B0472)	(B0664 & B0665)	(B0668)	(B0814)	B1415)	Upgrade (B1228)	Rack (B1155)	(B1399)	(B1590)	B0489.15)	500KV (B0489.4)	500KV (B0489)
2,237,137	8,216,634	1,537,343	1,987,742	685,500	4,966,854	1,730,197	2,373,909	6,919,796	8,103,744	1,267,230	642,820	4,713,850	84,864,454

				Actual Trans	mission Enhancemen	t Charges - 2016							
			Branchburg-		New Essex-					Upgrade			
Reconductor			Sommerville-	Somerville-	Kearny 138 kV				Aldene-	Camden-	Susquehanna		
South Mahwah	Branchburg 400	Saddle Brook -	Flagtown	Bridgewater	circuit and Kearny	Salem 500 kV	230kV Lawrence	Branchburg-	Springfield Rd.	Richmond	Roseland	Susquehanna	Susquehanna
K-3411 Circuit	MVAR Capacitor	Athenia Upgrade	Reconductor	Reconductor	138 kV bus tie	breakers (B1410-	Switching Station	Middlesex Switch	Conversion	230kV Circuit	Breakers (b0489.5-	Roseland <	Roseland >
(B1018)	(B0290)	Cable (B0472)	(B0664 & B0665)	(B0668)	(B0814)	B1415)	Upgrade (B1228)	Rack (B1155)	(B1399)	(B1590)	B0489.15)	500KV (B0489.4)	500KV (B0489)
2.691.625	9,901,291	1.849.551	2.391.449	824,687	5.978.667	2.083.057	2.856.436	9.096.222	9.746.523	1,524,089	776,124	5.688.534	102,755,603

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2018

									,				Page 14 of 18
					Re	conciliation by Pr	oject (without inte	rest)					
			Branchburg-		New Essex-					Upgrade			
Reconductor			Sommerville-	Somerville-	Kearny 138 kV				Aldene-	Camden-	Susquehanna		
South Mahwah	Branchburg 400	Saddle Brook -	Flagtown	Bridgewater	circuit and Kearny	Salem 500 kV	230kV Lawrence	Branchburg-	Springfield Rd.	Richmond	Roseland	Susquehanna	Susquehanna
K-3411 Circuit	MVAR Capacitor	Athenia Upgrade	Reconductor	Reconductor	138 kV bus tie		Switching Station		Conversion	230kV Circuit	Breakers (b0489.5-	Roseland <	Roseland >
(B1018)	(B0290)		(B0664 & B0665)	(B0668)	(B0814)		Upgrade (B1228)		(B1399)	(B1590)	B0489.15)	500KV (B0489.4)	500KV (B0489)
(25,540)	(517,088)	(17,589)	(22,732)	(7,964)	(59,384)	(80,284)	(69,701)	(147,778)	(85,367)	6,830	(7,274)	(53,963)	(1,059,483)
							r				r		
1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393

					True Up by F	Project (with intere	st) -2016						
			Branchburg-		New Essex-					Upgrade			
Reconductor			Sommerville-	Somerville-	Kearny 138 kV				Aldene-	Camden-	Susquehanna		
South Mahwah	Branchburg 400	Saddle Brook -	Flagtown	Bridgewater	circuit and Kearny	Salem 500 kV	230kV Lawrence	Branchburg-	Springfield Rd.	Richmond	Roseland	Susquehanna	Susquehanna
K-3411 Circuit	MVAR Capacitor			Reconductor	138 kV bus tie	breakers (B1410-		Middlesex Switch	Conversion	230kV Circuit	Breakers (b0489.5-	Roseland <	Roseland >
(B1018)	(B0290)	Cable (B0472)	(B0664 & B0665)	(B0668)	(B0814)	B1415)	Upgrade (B1228)	Rack (B1155)	(B1399)	(B1590)	B0489.15)	500KV (B0489.4)	500KV (B0489)
(27,428)	(555,315)	(18,890)	(24,412)	(8,553)	(63,774)	(86,219)	(74,854)	(158,703)	(91,678)	7,335	(7,811)	(57,952)	(1,137,808)

_						Estimated Tran	smission Enhance	ment Charges (Af	ter True-Up) -2018					
				Branchburg-		New Essex-					Upgrade			
Re	econductor			Sommerville-	Somerville-	Kearny 138 kV				Aldene-	Camden-	Susquehanna		
		Branchburg 400		Flagtown	Bridgewater	circuit and Kearny	Salem 500 kV	230kV Lawrence	Branchburg-	Springfield Rd.	Richmond	Roseland	Susquehanna	Susquehanna
K-3	3411 Circuit	MVAR Capacitor	Athenia Upgrade	Reconductor	Reconductor	138 kV bus tie	breakers (B1410-	Switching Station	Middlesex Switch	Conversion	230kV Circuit	Breakers (b0489.5	Roseland <	Roseland >
	(B1018)	(B0290)	Cable (B0472)	(B0664 & B0665)	(B0668)	(B0814)	B1415)	Upgrade (B1228)	Rack (B1155)	(B1399)	(B1590)	B0489.15)	500KV (B0489.4)	500KV (B0489)
	2,209,709	7,661,319	1,518,454	1,963,330	676,947	4,903,080	1,643,978	2,299,056	6,761,094	8,012,066	1,274,565	635,009	4,655,898	83,726,646

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2018

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					Estir	nated Additions - 2	2018													
(AB)	(AC)	(AD)	(AE)	(AF)	(AG)	(AH)	(AI)	(AJ)	(AK)	(AL)	(AM)	(AN)	(AO)	(AP)	(AQ)	(AR)	(AS)	(AT)		(AU)
							overhead													
							portion of													
					Relocate the		Linden - North		Relocate											
					underground		Ave "T" 138		Farragut -											
					portion of North		kV circuit to	Convert the	Hudson "B" and	Relocate the										
Convert the	Convert the		Construct a new		Ave - Linden "T"			Bayway - Linden	"C" 345 kV	Hudson 2		New Bergen	New Bayway	New Bayway						
	Marion - Bayonne	Construct a new	North Ave -	North Ave -	138 kV circuit to	Construct a new	convert it to	"Z" 138 kV	circuits to	generation to	New Bergen	345/138 kV	345/138 kV	345/138 kV	New Linden					
		Bayway - Bayonne	Bayonne 345 kV	Airport 345 kV	Bayway, convert	Airport - Bayway	345 kV, and	circuit to 345 kV	Marion 345 kV	inject into the	345/230 kV	transformer #1	transformer #1	transformer #2	345/230 kV					
	to 345 kV and any	345 kV circuit and	circuit and any	circuit and any		345 kV circuit and	any	and any	and any	345 kV at	transformer and	and any	and any	and any	transformer and	New Bayonne				
associated	associated	any associated	associated	associated	any associated	any associated	associated	associated	associated	Marion and any	any associated	associated	associated	associated	any associated	345/69 kV				
substation	associated	substation	substation	substation	substation	substation	transformer and any													
upgrades (B2436.21)	upgrades (B2436.22)	upgrades (B2436.33)	upgrades (B2436.34)	upgrades (B2436.50)	upgrades (B2436.60)	upgrades (B2436.70)	upgrades (B2436.81)	upgrades (B2436.83)	upgrades (B2436.90)	upgrades (B2436.91)	upgrades (B2437.10)	upgrades (B2437.11)	upgrades (B2437.20)	upgrades (B2437.21)	upgrades (B2437.30)	associated substation upgrades				Ridge Road 69k
(monthly	(monthly	(monthly	(monthly	(monthly	(B2436.60) (monthly	(B2436.70) (monthly	(monthly	(B2436.63) (monthly	(B2436.90) (monthly	(B2436.91) (monthly	(B2437.10) (monthly	(monthly	(monthly	(monthly	(monthly	(B2437.33) (monthly				Breaker Station
additions)	additions	additions)				(B1255)														
	(CWIP)	(CWIP)	(CWIP)	(CWIP)		(CWIP)			(CWIP)	i			(in service)							
15.873.514	14.614.183	133.132.128	103.234.243	53.061.761	27.376.832	59.546.744	1.074.767	1.034.193	1,703,883	13.549	763,249	763,249	16.545	16.545	25.613.549	12.374.116	1	Dec-17	9.222.677.668	33.382.12
652.831	(1,557,054)	1.815.939	1 055 192	509.173	686 858	657,991	(1,074,767)	(1.034,193)	330,990	10,040	700,240	700,240	10,040	10,040	(22,742,030)	85,192	1	Jan	22.521.913	33 573 69
(11,470,385)	(10.596.791)	(134 948 067)	(10.669.451)	1.210.747	1 145 475	319 400	-		131 819	1 113	(58 480)	(58 480)	(1 199)	(1 199)	264 924	(12.459.152)	1	Feb	39 984 029	33 763 91
1,295,284	1,599,104	-	288,524	(22,682,892)	312,521	(60,524,135)		-	754,485	-	-	-	- (1(100)	-	(1,558,855)	-	1	Mar	48,273,703	34,358,05
(6,351,243)	624,357	-	(93,908,509)	(32,098,788)	(29,521,685)		-		804,726						(1,577,588)		1	Apr	55,032,865	34,581,87
	307,672	-					-		710,942								1	May	123,826,918	34,711,17
	(4,991,470)	-	-		-		-		(4,436,845)	(14,662)	(704,769)	(704,769)	(15,346)	(15,346)	-	(156)	1	Jun	150,159,437	34,729,74
							-					-		-				Jul	4,051,043	34,729,74
		-	-	-	-	-	-		-	-	-	-	-	-	-			Aug	3,662,511	34,729,74
· ·							-		-	-	-	-	-	-				Sep	30,948,506	34,729,74
-	-		-		-	-	-	-	-	-	-	-	-		-			Nov	8,829,690 14 165 647	34,729,74
-		-	-	-	-	-	-	-	<u> </u>			-			-		1	Dec	14,165,647 465,669,098	34,729,74
(0)	- (0)	- (0)			- (0)	- (0)	-	(0)					(0)	- (0)		(0)	1	Total	10.189.803.028	447,479,03
(0)	(0)	(0)	U		(0)	(0)		(0)	(0)				(0)	(0)	U	(0)		Total	10,103,003,020	447,479,03
																		13 Month Average		
																		CWIP to Appendix A. line 45	783.831.002	34,421,46
																		A, IIIIe 43	103,031,002	34,421,46

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2018

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								E	stimated Transmiss	ion Enhancement (	Charges (Before Tru	e-Up) - 2018								
													Relocate the							
													overhead							
											Relocate the		portion of							
							Convert the				underground		Linden - North							
					Convert the		Marion -				portion of North		Ave "T" 138 kV		Convert the					
					Bergen - Marion				Construct a new	Construct a new	Ave - Linden "T"	Construct a	circuit to	Bayway -	Bayway - Linden			Relocate the		New Bergen
						Marion - Bayonne			North Ave -		138 kV circuit to	new Airport -	Bayway,	Linden "Z" 138	"W" 138 kV		Relocate Farragut -	Hudson 2		345/138 kV
					double circuit	"L" 138 kV circuit	to 345 kV and	Bayonne 345 kV	Bayonne 345 kV	Airport 345 kV	Bayway, convert	Bayway 345 kV	convert it to	kV circuit to	circuit to 345 kV	Convert the Bayway -	Hudson "B" and "C"	generation to inject		transformer #1
		North Central			345 kV and	to 345 kV and any	any	circuit and any	circuit and any	circuit and any	it to 345 kV, and	circuit and any	345 kV, and	345 kV and any	and any	Linden "M" 138 kV	345 kV circuits to	into the 345 kV at	New Bergen 345/230	and any
Burlington -	Mickleton-	Reliability (West	Northeast Grid	Northeast Grid	associated	associated	associated	associated	associated	associated	any associated	associated	any associated	associated	associated	circuit to 345 kV and	Marion 345 kV and	Marion and any	kV transformer and	associated
Camden 230kV	Gloucester-	Orange	Reliability Project	Reliability	substation	substation	substation	substation	substation	substation	substation	substation	substation	substation	substation	any associated	any associated	associated	any associated	substation
Conversion	Camden(B1398-	Conversion)	(B1304.1-	Project (B1304.5-	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	substation upgrades	substation upgrades	upgrades	substation upgrades	upgrades
(B1156)	B1398.7)	(B1154)	B1304.4)	B1304.21)	(B2436.10)	(B2436.21)	(B2436.22)	(B2436.33)	(B2436.34)	(B2436.50)	(B2436.60)	(B2436.70)	(B2436.81)	(B2436.83)	(B2436.84)	(B2436.85)	(B2436.90)	(B2436.91)	(B2437.10)	(B2437.11)
39,257,924	49,741,703	40,364,207	71,935,992		20,262,866	7,311,454	4,948,493	16,480,496	10,206,715	5,445,790	4,618,938	8,471,130	5,266,819	5,266,819	5,340,569	5,340,569	3,949,660	2,932,429	3,107,951	3,107,951

				Actual Transn	nission Enhanceme	nt Charges - 2016														
													Relocate the							,
											Relocate the		overhead portion of							
							Convert the				underground		Linden - North							
					Convert the		Marion -				portion of North		Ave "T" 138 kV	Convert the	Convert the					
					Bergen - Marion	Convert the	Bayonne "C"	Construct a new	Construct a new	Construct a new	Ave - Linden "T"	Construct a	circuit to	Bayway -	Bayway - Linden			Relocate the		New Bergen
						Marion - Bayonne		Bayway -	North Ave -		138 kV circuit to			Linden "Z" 138	"W" 138 kV		Relocate Farragut -	Hudson 2		345/138 kV
						"L" 138 kV circuit											Hudson "B" and "C"			transformer #1
		North Central				to 345 kV and any	any			circuit and any				345 kV and any						and any
Burlington -	Mickleton-	Reliability (West			associated	associated	associated	associated	associated		any associated		any associated	associated		circuit to 345 kV and			kV transformer and	associated
Camden 230kV	Gloucester-		Reliability Project		substation	substation	substation	substation	substation	substation	substation	substation	substation	substation	substation	any associated	any associated	associated	any associated	substation
Conversion	Camden(B1398-	Conversion)	(B1304.1-	Project (B1304.5-	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	substation upgrades	substation upgrades	upgrades	substation upgrades	upgrades
(B1156)	B1398.7)	(B1154)	B1304.4)	B1304.21)	(B2436.10)	(B2436.21)	(B2436.22)	(B2436.33)	(B2436.34)	(B2436.50)	(B2436.60)	(B2436.70)	(B2436.81)	(B2436.83)	(B2436.84)	(B2436.85)	(B2436.90)	(B2436.91)	(B2437.10)	(B2437.11)
47,233,422	60,066,502	48,529,997	74,236,857	49,268,709	14,148,115	1,874,846	1,874,846	47,577			47,577	47,577	71,227	71,227	71,227	71,227	2,252,189	1,874,846	2,363,328	2,363,328

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### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2018

Page 15 of 18 Reconciliation by Project (without interest) Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and Relocate the underground portion of North Convert the Marion -Convert the Bayway -Linden "Z" 138 kV circuit to 345 kV and any associated substation Convert the Convert the Convert the Marion - Bayonn "L" 138 kV circu to 345 kV and ar associated substation upgrades (B2436.21) Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated New Bergen 345/138 kV transformer #1 and any associated substation Bergen - Marion 138 kV path to double circuit 345 kV and associated substation Bayonne "C" 138 kV circuit to 345 kV and any associated substation Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation Construct a new Airport -Bayway 345 k circuit and an associated substation Bayway -Bayonne 345 kV circuit and any associated substation upgrades North Ave -Bayonne 345 k\ circuit and any associated substation North Ave -Airport 345 kV circuit and any associated substation Relocate Farragut -Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated Convert the Bayway Linden "M" 138 kV circuit to 345 kV and any associated North Central Reliability (West Orange Conversion) (B1154) New Bergen 345/230 kV transformer and any associated Burlington -Camden 230kV Conversion (B1156) Mickleton-Gloucester-Camden(B1398-B1398.7) Northeast Grid Reliability Project (B1304.5-B1304.21) ny associate substation

upgrades (B2436.50)

upgrades (B2436.60)

upgrades (B2436.83)

upgrades (B2436.81)

47.577

upgrades (B2436.84)

71,227

ostation upgrade (B2436.85)

71,227

204,949

394,615

upgrades (B2437.11)

464,535

464,535

(B1304.1-B1304.4)

(29,570,588)

49,268,709

2.507.949

394,617

394,617

(244,661)

1,274,783

								Tr	ue Up by Project	(with interest)	-2016									
													Relocate the							
													overhead							1
							Convert the				Relocate the underground		portion of Linden - North							
					Convert the		Marion -				portion of North		Ave "T" 138 kV	Convert the	Convert the					
					Bergen - Marion	Convert the	Bayonne "C"	Construct a new	Construct a new	Construct a new		Construct a	circuit to		Bayway - Linden			Relocate the		New Bergen
					138 kV path to	Marion - Bayonne	138 kV circuit	Bayway -	North Ave -	North Ave -	138 kV circuit to	new Airport -	Bayway,	Linden "Z" 138	"W" 138 kV		Relocate Farragut -	Hudson 2		345/138 kV
						"L" 138 kV circuit											Hudson "B" and "C"			transformer #1
		North Central				to 345 kV and any	any				it to 345 kV, and			345 kV and any	and any	Linden "M" 138 kV			New Bergen 345/230	and any
Burlington -	Mickleton-	Reliability (West			associated	associated	associated	associated	associated		any associated	associated	any associated	associated	associated		Marion 345 kV and	Marion and any	kV transformer and	associated
Camden 230kV	Gloucester-	Orange	Reliability Project	Reliability	substation	substation	substation	substation	substation	substation	substation	substation	substation	substation	substation	any associated	any associated	associated	any associated	substation
Conversion	Camden(B1398-	Conversion)		Project (B1304.5-	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	substation upgrades		upgrades	substation upgrades	upgrades
(B1156)	B1398.7)	(B1154)	B1304.4)	B1304.21)	(B2436.10)	(B2436.21)	(B2436.22)	(B2436.33)	(B2436.34)	(B2436.50)	(B2436.60)	(B2436.70)	(B2436.81)	(B2436.83)	(B2436.84)	(B2436.85)	(B2436.90)	(B2436.91)	(B2437.10)	(B2437.11)
(259,263)	1,369,024	(262,749)	(31,756,668)	52,911,022	2,693,356	423,790	423,790	51,095			51,095	51,095	76,493	76,493	76,493	76,493	220,101	423,788	498,877	498,877

								Estim	ated Transmissi	ion Enhancemen	t Charges (After	True -Up) - 2018	В							
													Relocate the							
													overhead							
											Relocate the		portion of							
							Convert the				underground		Linden - North							
					Convert the		Marion -				portion of North		Ave "T" 138 kV	Convert the	Convert the					
					Bergen - Marion			Construct a new	Construct a new	Construct a new			circuit to		Bayway - Linden			Relocate the		New Bergen
						Marion - Bayonne		Bayway -	North Ave -		138 kV circuit to			Linden "Z" 138	"W" 138 kV		Relocate Farragut -	Hudson 2		345/138 kV
						"L" 138 kV circuit	to 345 kV and									Convert the Bayway				transformer #1
		North Central			345 kV and	to 345 kV and any	any	circuit and any	circuit and any	circuit and any	it to 345 kV, and	circuit and any	345 kV, and	345 kV and any		Linden "M" 138 kV			New Bergen 345/230	and any
Burlington -	Mickleton-	Reliability (West	Northeast Grid	Northeast Grid	associated	associated	associated	associated	associated	associated	any associated	associated	any associated	associated	associated	circuit to 345 kV and	Marion 345 kV and	Marion and any	kV transformer and	associated
Camden 230kV	Gloucester-	Orange	Reliability Project	Reliability	substation	substation	substation	substation	substation	substation	substation	substation	substation	substation	substation	any associated	any associated	associated	any associated	substation
Conversion	Camden(B1398-	Conversion)	(B1304.1-	Project (B1304.5-	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	upgrades	substation upgrades	substation upgrades	upgrades	substation upgrades	upgrades
(B1156)	B1398.7)	(B1154)	B1304.4)	B1304.21)	(B2436.10)	(B2436.21)	(B2436.22)	(B2436.33)	(B2436.34)	(B2436.50)	(B2436.60)	(B2436.70)	(B2436.81)	(B2436.83)	(B2436.84)	(B2436.85)	(B2436.90)	(B2436.91)	(B2437.10)	(B2437.11)
38,998,661	51,110,727	40,101,459	40,179,324	52,911,022	22,956,222	7,735,244	5,372,283	16,531,590	10,206,715	5,445,790	4,670,033	8,522,224	5,343,312	5,343,312	5,417,062	5,417,062	4,169,761	3,356,217	3,606,828	3,606,828

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2018

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							Estimated Addition	ns - 2018					
(AV)	(AW)	(AX)	(AY)	(AZ)	(BA)	(BB)	(BC)	(BD)	(BE)	(BF)	(BG)	(BH)	(BI)
										Relocate the		Relocate the	
				Convert the Bergen								overhead portion of	Convert the
				- Marion 138 kV						underground portion of North Ave -		Linden - North Ave	Bayway - Linden
				path to double	Convert the Marion -	Convert the Marion -	Construct a new		Construct a new	Linden "T" 138 kV	Construct a new	"T" 138 kV circuit to	
				circuit 345 kV and	Bayonne "L" 138 kV	Bayonne "C" 138 kV	Bayway - Bayonne	Construct a new North	North Ave - Airport	circuit to Bayway,	Airport - Bayway	Bayway, convert it	to 345 kV and anv
Reconfigure		350 MVAR	Mickleton-	associated		circuit to 345 kV and	345 kV circuit and	Ave - Bayonne 345 kV	345 kV circuit and	convert it to 345 kV.	345 kV circuit and	to 345 kV, and any	associated
Kecontigure Kearny- Loop in	Reconfigure	Reactor	Gloucester-	associated substation	any associated	any associated	any associated	circuit and any	any associated	and any associated	any associated	to 345 kV, and any associated	associated substation
P2216 Ckt	Brunswick Sw-New	Hopatcong	Camden(B1398-	upgrades		substation upgrades	substation upgrades	associated substation		substation upgrades			upgrades
(B1589)	69kVCkt-T (B2146)	500kV (B2702)	B1398.7)	(B2436.10)	(B2436.21)	(B2436.22)	(B2436.33)	upgrades (B2436.34)	(B2436.50)	(B2436.60)	(B2436.70)	(B2436.81)	(B2436.83)
(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
1,530,376	74,949,196	-	438,784,743	174,641,754	43,133,750	24,754,173	15,218,118	-	-	15,218,118	15,218,118	30,700,815	30,700,815
1,530,376	74,949,196		438,789,743	174,658,692	43,134,887	24,755,311	15,418,642			15,418,642	15,418,642	44,991,882	44,991,882
1,530,376	74,949,196	-	438,794,743	174,731,166	56,291,536	37,911,960	157,381,072	13,155,532		15,462,526	15,462,526	45,256,691	45,256,691
1,530,376	74,949,196		438,799,743 438,804,743	174,791,803	56,721,957	38,342,381 38,924,097	158,180,143	13,542,470	26,103,784	15,484,696	86,573,865	45,289,358	45,289,358
1,530,376 21,115,134	74,949,196 76,896,196	-	438,804,743 438,884,743	174,809,056 174,827,266	65,508,067 66,196,048	38,924,097 39,344,267	159,023,821 159,725,046	118,978,608 119,690,093	62,279,043 62,577,064	48,633,998 48,950,631	86,813,812	45,430,467 45,570,395	45,430,467
											87,064,965		45,570,395
21,221,134	86,537,356 86,537,356	21,224,080	438,984,743 439,084,743	174,847,038 174,870,305	66,758,114	47,879,648 48,267,125	160,339,753 160,685,743	120,419,185	62,967,643	49,328,697 49,351,089	87,286,605 87 524 440	45,587,553 45,592,207	45,587,553 45,592,207
					67,019,036			120,512,411					
21,344,134	86,537,356 86,537,356	21,260,080	439,184,743	174,888,562	67,278,648 67,531,137	48,630,949 48,939,370	161,052,951	120,637,420	63,044,096 63,064,298	49,351,770 49,352,658	87,726,308	45,595,858	45,595,858
		21,275,080	439,284,743	174,912,360			161,374,870	120,710,757			88,035,044	45,600,618	45,600,618
21,417,134	86,537,356	21,284,080	439,384,743	174,938,226	67,785,463	49,241,985	161,685,799	120,786,523	63,084,647	49,352,658	88,345,131	45,604,518	45,604,518
21,452,134	145,824,715	21,293,080	439,384,743	174,954,334	68,042,760	49,548,136	161,996,659	120,853,113	63,099,127	49,352,658	88,652,734	45,608,464	45,608,464
21,487,134	146,250,715	21,301,080	439,384,743	174,969,351	68,319,997	49,614,813	162,329,270	120,922,525	63,112,389	49,352,658	88,981,836	45,611,902	45,611,902
178,325,947	1,176,404,387	148,879,560	5,707,551,661	2,272,839,913	803,721,399	546,154,215	1,794,411,887	1,110,208,636	592,351,530	504,610,798	923,104,026	576,440,730	576,440,730
13,717,381 8.30	90,492,645 8.04	11,452,274 6.99	439,042,435 12.99	174,833,839 12.99	61,824,723 11.76	42,011,863 11.01	138,031,684 11.05	85,400,664 9.18	45,565,502 9.39	38,816,215 10.22	71,008,002 10.37	44,341,595 12.64	44,341,595 12.64

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2018

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					Estima	sted Transmission Enhan	cement Charges (Before	True-Up) - 2018					
New Bayway													
345/138 kV		New Linden	New Bayonne										
transformer #1	New Bayway	345/230 kV	345/69 kV										
and any	345/138 kV	transformer and	transformer and										
associated	transformer #2 and	any associated	any associated	Upgrade Eagle									Susquehanna
substation	any associated	substation	substation	Point-Gloucester	Mickleton-	Ridge Road 69kV	Cox's Corner-	Install Conemaugh	Reconfigure Kearny-	Reconfigure	350 MVAR Reactor	Susquehanna	Roseland >=
upgrades	substation upgrades	upgrades	upgrades	230kV Circuit	Gloucester 230kV	Breaker Station	Lumberton 230kV	250MVAR Cap Bank				Roseland < 500KV	500KV (B0489)
(B2437.20)	(B2437.21)	(B2437.30)	(B2437.33)	(B1588)	Circuit (B2139)	(B1255)	Circuit (B1787)	(B0376)		69kVCkt-T (B2146)	(B2702)	(B0489.4) (CWIP)	(CWIP)
1,835,238	1,835,212	2,226,613	1,479,264	1,368,849	2,193,902	4,116,007	3,664,036	129,905	1,639,441	10,815,286	1,368,726		

	Page 16 of 19												
										Actual Ti	ransmission Enhanceme	ent Charges - 2016	
													1
New Bayway													
345/138 kV		New Linden	New Bayonne										
transformer #1	New Bayway	345/230 kV	345/69 kV										
and any	345/138 kV	transformer and	transformer and										
associated	transformer #2 and	any associated	any associated	Upgrade Eagle									Susquehanna
substation	any associated	substation	substation	Point-Gloucester	Mickleton-	Ridge Road 69kV	Cox's Corner-		Reconfigure Kearny-		350 MVAR Reactor	Susquehanna	Roseland >=
upgrades	substation upgrades	upgrades	upgrades	230kV Circuit	Gloucester 230kV	Breaker Station	Lumberton 230kV	250MVAR Cap Bank	Loop in P2216 Ckt	Brunswick Sw-New	Hopatcong 500kV	Roseland < 500KV	500KV (B0489)
(B2437.20)	(B2437.21)	(B2437.30)	(B2437.33)	(B1588)	Circuit (B2139)	(B1255)	Circuit (B1787)	(B0376)	(B1589)	69kVCkt-T (B2146)	(B2702)	(B0489.4) (CWIP)	(CWIP)
25.899	27.513	141.823	-	1.646.241	2.637.556	556.391	4.451.390	153,181	-		-		

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### Public Service Electric and Gas Company ATTACHMENT H-10A Parchment 6A - Project Specific Estimate and Recompiliation Worksheet - Decemb

					Attachment (	A - Project Specific F	etimate and Reconci	liation Worksheet - Dec	ombor 31 2018				
					Attacimient	on Troject opecine t	Stimute una recome	nation from sincer Dec	Jember 01, 2010				Page 16 of 18
					Reco	nciliation by Project (	without interest)						
New Bayway													
345/138 kV		New Linden	New Bayonne										
transformer #1	New Bayway	345/230 kV	345/69 kV										
and any	345/138 kV	transformer and	transformer and										
associated substation	transformer #2 and any associated	any associated substation	any associated substation	Upgrade Eagle Point-Gloucester	Mickleton-	Ridge Road 69kV	Cox's Corner-	Install Conemaugh	Reconfigure Kearny-	Reconfigure	350 MVAR Reactor	Susquehanna	Susquehanna Roseland >=
upgrades	substation upgrades	upgrades	upgrades	230kV Circuit	Gloucester 230kV	Breaker Station	Lumberton 230kV	250MVAR Cap Bank	Loop in P2216 Ckt	Brunswick Sw-New		Roseland < 500KV	500KV (B0489)
(B2437.20)	(B2437.21)	(B2437.30)	(B2437.33)	(B1588)	Circuit (B2139)	(B1255)	Circuit (B1787)	(B0376)	(B1589)	69kVCkt-T (B2146)		(B0489.4) (CWIP)	(CWIP)
25,899	27,513	141,823	-	(7,964)	112,364	(2,251,480)	325,597	153,181		-		-	

					True Up by Proj	ect (with interest) -20	016						
New Bayway													
345/138 kV		New Linden	New Bayonne										
transformer #1	New Bayway	345/230 kV	345/69 kV										
and any	345/138 kV	transformer and	transformer and										
associated	transformer #2 and	any associated	any associated	Upgrade Eagle									Susquehanna
substation	any associated	substation	substation	Point-Gloucester	Mickleton-	Ridge Road 69kV	Cox's Corner-	Install Conemaugh	Reconfigure Kearny-	Reconfigure	350 MVAR Reactor	Susquehanna	Roseland >=
upgrades	substation upgrades	upgrades	upgrades	230kV Circuit	Gloucester 230kV	Breaker Station	Lumberton 230kV	250MVAR Cap Bank	Loop in P2216 Ckt	Brunswick Sw-New	Hopatcong 500kV	Roseland < 500KV	500KV (B0489)
(B2437.20)	(B2437.21)	(B2437.30)	(B2437.33)	(B1588)	Circuit (B2139)	(B1255)	Circuit (B1787)	(B0376)	(B1589)	69kVCkt-T (B2146)	(B2702)	(B0489.4) (CWIP)	(CWIP)
27,813	29,547	152,308		(8,552)	120,671	(2,417,927)	349,668	164,506					

					Estimated Transmi	ssion Enhancement (	Charges (After True -L	In). 2019					
					Estimated Fransmi	SSION Enhancement C	narges (After True -C	Jp)- 2016	ı				1
													,
New Bayway													
345/138 kV		New Linden	New Bayonne										
transformer #1	New Bayway	345/230 kV	345/69 kV										
and any	345/138 kV	transformer and	transformer and										
associated	transformer #2 and		any associated	Upgrade Eagle									Susquehanna
substation	any associated	substation	substation	Point-Gloucester	Mickleton-	Ridge Road 69kV	Cox's Corner-		Reconfigure Kearny-		350 MVAR Reactor	Susquehanna	Roseland >=
	substation upgrades	upgrades	upgrades	230kV Circuit	Gloucester 230kV	Breaker Station	Lumberton 230kV	250MVAR Cap Bank		Brunswick Sw-New		Roseland < 500KV	500KV (B0489)
(B2437.20)	(B2437.21)	(B2437.30)	(B2437.33)	(B1588)	Circuit (B2139)	(B1255)	Circuit (B1787)	(B0376)		69kVCkt-T (B2146)		(B0489.4) (CWIP)	(CWIP)
1,863,051	1,864,759	2,378,921	1,479,264	1,360,297	2,314,572	1,698,080	4,013,704	294,411	1,639,441	10,815,286	1,368,726	-	-

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2018

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						Estimated Ac	dditions - 2018						
(BJ)	(BK)	(BL)	(BM)	(BN)	(BO)	(BP)	(BQ)	(BR)	(BS)	(BT)	(BU)	(BV)	(BW)
					New Bergen								
					345/138 kV		New Bayway		New Bayonne				
Convert the Bayway	Convert the Bayway -	Relocate Farragut -	I		transformer #1	New Bayway	345/138 kV	New Linden	345/69 kV	Convert the Bergen -	Comment that Marrian	Convert the Marion -	Construct a new
Linden "W" 138 kV	Linden "M" 138 kV	Hudson "B" and "C" 345	Relocate the Hudson 2	New Bergen 345/230	transformer #1 and any		transformer #2 and		transformer and any	Marion 138 kV path to	Bayonne "L" 138 kV		Bayway - Bayonne
circuit to 345 kV and	circuit to 345 kV and		generation to inject into the	kV transformer and	associated	transformer #1 and	any associated	transformer and any		double circuit 345 kV	circuit to 345 kV	circuit to 345 kV and	345 kV circuit and
any associated	any associated	345 kV and any	345 kV at Marion and any	any associated	associated substation	any associated	any associated substation	transformer and any associated	associated substation	and associated	and any associated		any associated
substation upgrades	substation upgrades	associated substation	associated upgrades		upgrades	substation upgrades	upgrades		upgrades	substation upgrades			
				substation upgrades				substation upgrades				substation upgrades	substation upgrades
(B2436.84)	(B2436.85)	upgrades (B2436.90)	(B2436.91)	(B2437.10)	(B2437.11)	(B2437.20)	(B2437.21)	(B2437.30)	(B2437.33)	(B2436.10)	(B2436.21)	(B2436.22)	(B2436.33)
(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(CWIP)	(CWIP)	(CWIP)	(CWIP)
44,419,189	44,419,189	29,425,776	24,754,173	26,818,736	26,818,736	15,218,118	15,218,118	17,350,419	-	704,837	15,873,514	14,614,183	133,132,128
44,740,642	44,740,642	29,449,661	24,755,311	26,818,736	26,818,736	15,418,642	15,418,642	17,468,251	-	704,837	16,526,345	13,057,129	134,948,067
44,996,273	44,996,273	29,478,699	24,756,428	26,818,736	26,818,736	15,462,526	15,462,526	17,677,062	13,155,532	654,641	5,055,960	2,460,338	(0)
45,042,518	45,042,518	29,626,188	24,799,911	26,819,837	26,819,837	15,484,696	15,484,696	17,675,454	13,542,470	654,641	6,351,244	4,059,442	(0)
45,126,793	45,126,793	29,980,708	24,801,069	26,819,837	26,819,837	15,516,306	15,516,306	19,465,207	14,123,028	654,641	(0)		(0)
45,196,520	45,196,520	30,324,827	24,802,292	26,819,837	26,819,837	15,562,281	15,562,281	19,608,529	14,541,974	654,641	(0)	4,991,471	(0)
45,209,694	45,209,694	35,437,469	24,803,620	26,819,837	26,819,837	15,572,239	15,572,239	19,774,755	14,884,989	0	(0)	(0)	(0)
45,214,348	45,214,348	35,649,956	24,805,182	26,819,837	26,819,837	15,573,107	15,573,107	19,954,744	14,934,986	0	(0)	(0)	(0)
45,218,000	45,218,000	37,643,482	24,806,408	26,819,837	26,819,837	15,573,788	15,573,788	20,077,592	15,040,118	0	(0)	(0)	(0)
45,222,759	45,222,759	37,832,849	24,808,006	26,819,837	26,819,837	15,574,675	15,574,675	20,237,715	15,091,255	0	(0)	(0)	(0)
45,226,660	45,226,660	38,023,594	24,809,616	26,819,837	26,819,837	15,574,675	15,574,675	20,390,954	15,142,764	0	(0)	(0)	(0)
45,230,605	45,230,605	38,208,424	24,811,244	26,819,837	26,819,837	15,574,675	15,574,675	20,537,842	15,194,875	0	(0)		(0)
45,234,044	45,234,044	38,401,188	24,812,999	26,819,837	26,819,837	15,574,675	15,574,675	20,678,337	15,251,024	0	(0)	(0)	(0)
586,078,044	586,078,044	439,482,822	322,326,260	348,654,574	348,654,574	201,680,405	201,680,405	250,896,862	160,903,014	4,028,239	43,807,061	43,866,358	268,080,194
45,082,926	45,082,926	33,806,371	24,794,328	26,819,583	26,819,583	15,513,877	15,513,877	19,299,759	12,377,155				
12.96	12.96	11.44	12.99	13.00	13.00	12.95	12.95	12.13	10.55	13.00	13.00	13.00	13.00
1			ı	ı	1		I	1	I	309.865	3,369,774	3,374,335	20,621,553

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2018

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				Estimated Transmis	sion Enhancement C	harges (Before True-Up	) - 2018						
													Relocate the
							Convert the Bergen						underground portion
							- Marion 138 kV		Convert the Marion -		Construct a new		of North Ave - Linden
							path to double	Convert the Marion -	Bayonne "C" 138 kV		North Ave -	Construct a new	"T" 138 kV circuit to
							circuit 345 kV and	Bayonne "L" 138 kV	circuit to 345 kV	Construct a new	Bayonne 345 kV	North Ave - Airport	Bayway, convert it to
					Northeast Grid		associated	circuit to 345 kV	and any associated	Bayway - Bayonne 345	circuit and any	345 kV circuit and	345 kV, and any
North Central		Mickleton-Gloucester-		Burlington - Camden	Reliability Project	Northeast Grid	substation	and any associated	substation	kV circuit and any	associated	any associated	associated
Reliability (West	Mickleton-Gloucester-	Camden Breakers	Burlington - Camden	230kV Conversion	(B1304.1-	Reliability Project	upgrades	substation upgrades	upgrades	associated substation	substation upgrades	substation upgrades	substation upgrades
Orange Conversion)	Camden (B1398-	(B1398.15-B1398.19)	230kV Conversion (B1156)	(B1156.13-	B1304.4)	(B1304.5-B1304.21)	(B2436.10)	(B2436.21)	(B2436.22)	upgrades (B2436.33)	(B2436.34)	(B2436.50)	(B2436.60)
(B1154) (CWIP)	B1398.7) (CWIP)	(CWIP)	(CWIP)	B1156.20) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)
			-				31,344	322,857	419,841	1,976,705	2,908,909	1,425,414	841,713

		Page 17 of 19											
										Actua	Transmission Enhance	ement Charges - 2016	
													Relocate the
							Convert the Bergen						underground portion
							- Marion 138 kV		Convert the Marion -		Construct a new		of North Ave - Linden
								Convert the Marion -	Bayonne "C" 138 kV		North Ave -	Construct a new	"T" 138 kV circuit to
								Bayonne "L" 138 kV		Construct a new	Bayonne 345 kV		Bayway, convert it to
					Northeast Grid		associated	circuit to 345 kV	and any associated	Bayway - Bayonne 345	circuit and any	345 kV circuit and	
North Central		Mickleton-Gloucester-		Burlington - Camden	Reliability Project	Northeast Grid	substation	and any associated	substation	kV circuit and any	associated	any associated	associated
	Mickleton-Gloucester-	Camden Breakers	Burlington - Camden	230kV Conversion	(B1304.1-	Reliability Project	upgrades	substation upgrades					substation upgrades
Orange Conversion			230kV Conversion (B1156)		B1304.4)	(B1304.5-B1304.21)	(B2436.10)	(B2436.21)	(B2436.22)	upgrades (B2436.33)	(B2436.34)	(B2436.50)	(B2436.60)
(B1154) (CWIP)	B1398.7) (CWIP)	(CWIP)	(CWIP)	B1156.20) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)
1	-	-	-	-	11.982.038	4,104,014	5.126.158	857,240	921.870	3,473,891	1,695,242	1.011.439	749.927

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2018

					, , , , , ,			,					Page 17 of 18
					Reconciliation	by Project (without i	nterest)						
													Relocate the
							Convert the Bergen						underground portion
							- Marion 138 kV		Convert the Marion -		Construct a new		of North Ave - Linden
								Convert the Marion -	Bayonne "C" 138 kV		North Ave -	Construct a new	"T" 138 kV circuit to
							circuit 345 kV and	Bayonne "L" 138 kV	circuit to 345 kV	Construct a new	Bayonne 345 kV		Bayway, convert it to
					Northeast Grid		associated	circuit to 345 kV	and any associated		circuit and any	345 kV circuit and	
North Central		Mickleton-Gloucester-		Burlington - Camden		Northeast Grid	substation	and any associated	substation	kV circuit and any	associated	any associated	associated
	Mickleton-Gloucester-	Camden Breakers	Burlington - Camden	230kV Conversion	(B1304.1-	Reliability Project	upgrades	substation upgrades					substation upgrades
Orange Conversion)			230kV Conversion (B1156)		B1304.4)	(B1304.5-B1304.21)	(B2436.10)	(B2436.21)	(B2436.22)	upgrades (B2436.33)	(B2436.34)	(B2436.50)	(B2436.60)
(B1154) (CWIP)	B1398.7) (CWIP)	(CWIP)	(CWIP)	B1156.20) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)
	-		-	-	3,522,083	3,748,178	(700,564)	(569,315)	(143,008)	586,708	59,227	(538,073)	(257,986)
1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393

				True U	p by Project (with	interest) -2016							
													Relocate the
							Convert the Bergen						underground portion
							- Marion 138 kV		Convert the Marion -		Construct a new		of North Ave - Linde
								Convert the Marion -			North Ave -	Construct a new	"T" 138 kV circuit to
								Bayonne "L" 138 kV		Construct a new	Bayonne 345 kV	North Ave - Airport	
					Northeast Grid		associated	circuit to 345 kV	and any associated	Bayway - Bayonne 345	circuit and any	345 kV circuit and	345 kV, and any
North Central		Mickleton-Gloucester-		Burlington - Camden		Northeast Grid	substation	and any associated	substation	kV circuit and any	associated	any associated	associated
Reliability (West	Mickleton-Gloucester-	Camden Breakers	Burlington - Camden	230kV Conversion	(B1304.1-	Reliability Project	upgrades	substation upgrades	upgrades	associated substation	substation upgrades	substation upgrades	substation upgrades
Orange Conversion)	Camden (B1398-	(B1398.15-B1398.19)	230kV Conversion (B1156)	(B1156.13-	B1304.4)	(B1304.5-B1304.21)	(B2436.10)	(B2436.21)	(B2436.22)	upgrades (B2436.33)	(B2436.34)	(B2436.50)	(B2436.60)
(B1154) (CWIP)	B1398.7) (CWIP)	(CWIP)	(CWIP)	B1156.20) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)
	-	-	-		3,782,462	4.025.272	(752.355)	(611,403)	(153,580)	630.082	63,605	(577.852)	(277.058

	Estimated Transmission Enhancement Charges (After True-Up) - 2018													
													Relocate the	
							Convert the Bergen						underground portion	
							- Marion 138 kV		Convert the Marion -		Construct a new		of North Ave - Linden	
								Convert the Marion -			North Ave -	Construct a new	"T" 138 kV circuit to	
								Bayonne "L" 138 kV		Construct a new	Bayonne 345 kV		Bayway, convert it to	
					Northeast Grid		associated		and any associated		circuit and any	345 kV circuit and	345 kV, and any	
North Central		Mickleton-Gloucester-				Northeast Grid	substation	and any associated	substation	kV circuit and any	associated	any associated	associated	
Reliability (West	Mickleton-Gloucester-	Camden Breakers	Burlington - Camden	230kV Conversion	(B1304.1-	Reliability Project		substation upgrades	upgrades				substation upgrades	
Orange Conversion)	Camden (B1398-		230kV Conversion (B1156)	(B1156.13-	B1304.4)	(B1304.5-B1304.21)		(B2436.21)	(B2436.22)	upgrades (B2436.33)	(B2436.34)	(B2436.50)	(B2436.60)	
(B1154) (CWIP)	B1398.7) (CWIP)	(CWIP)	(CWIP)	B1156.20) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	
	-				3,782,462	4,025,272	(721,012)	(288,547)	266,261	2,606,787	2,972,515	847,562	564,655	

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2018

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(BX)	(BY)	(BZ)	(CA)	(CB)	(CC)	(CD)	(CE)	(CF)	(CG)	(CH)	(CI)	(CJ)	(CK)
Construct a new North Ave - Bayonne 345 kV circuit and any associated	Construct a new North Ave - Airport 345 kV circuit and	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bawwav. conwert it to	Construct a new Airport - Bayway 345	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any	Convert the Bayway -	Relocate Farragut - Hudson "B" and "C"	Relocate the Hudson 2 generation to inject into the 345 kV at		New Bergen 345/138 kV transformer #1 and any associated	New Bayway 345/138 kV transformer #1 and any associated	New Bayway 345/138 kV transformer #2 and any associated	New Linden 345/230 kV transformer and any associated substation	New Bayonne 345/69 kV transformer and any
substation	any associated	345 kV, and any	associated	associated	any associated	Marion 345 kV and any	Marion and any	substation upgrades	substation upgrades	substation upgrades	substation upgrades		associated substation
upgrades	substation upgrades	associated substation				associated substation	associated upgrades		(B2437.11) (monthly				upgrades (B2437.33)
(B2436.34)	(B2436.50)	upgrades (B2436.60)	(B2436.70)	(B2436.81)	(B2436.83)	upgrades (B2436.90)	(B2436.91)	additions)	additions)	additions)		(monthly additions)	(monthly additions)
(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)
103.234.243	53.061.761	27.376.832	59.546.744	1.074.767	1.034.193	1,703,883	13,549	763.249	763,249	16,545	16,545	25,613,549	12.374.116
104,289,435	53,570,934	28.063.690	60,204,735	0	(0)	2.034.872	13.549	763,249	763,249	16.545	16.545	2.871.520	12,459,308
93,619,985	54,781,681	29,209,165	60,524,134	0	(0)	2,166,691	14,662	704,769	704,769	15,346	15,346	3,136,443	156
93,908,509	32,098,788	29,521,686	(0)	0	(0)	2,921,177	14,662	704,769	704,769	15,346	15,346	1,577,588	156
0	0	(0)	(0)	0	(0)	3,725,903	14,662	704,769	704,769	15,346	15,346	0	156
	0	(0)	(0)	0	(0)	4,436,845	14,662	704,769	704,769	15,346	15,346	0	156
0	0	(0)	(0)	0	(0)	(0)	0	0	0	(0)	(0)	0	(0)
0	0	(0)	(0)	0	(0)	(0)	0	0	0	(0)	(0)		(0)
0	0	(0)		0	(0)	(0)	0	0	0	(0)	(0)		(0)
	0	(0)		0	(0)	(0)	0	0	0	(0)	(0)		(0)
0	0	(0)	(0)	0	(0)	(0)	0	0	0	(0)	(0)		(0)
0	0	(0)	(0)	0	(0)	(0)	0	0	0	(0)	(0)		(0)
395.052.176	193,513,166	114,171,370	180.275.609	1,074,771	1.034.189	16.989.371	85,746	4,345,571	4.345.571	94,474	94,474	33,199,102	24.834.045
393,052,176	193,513,166	114,171,370	180,2/5,609	1,0/4,//1	1,034,189	16,989,371	85,746	4,345,5/1	4,345,5/1	94,474	94,474	33,199,102	24,834,045
13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
30,388,629	14,885,628	8,782,413	13,867,355	82,675	79,553	1,306,875	6,596	334,275	334,275	7,267	7,267	2,553,777	1,910,311

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2018

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		Estimated Transmis	ssion Enhancement Cha	rges (Before True-Up) - 2	018							
	Relocate the											
Construct a new	overhead portion of				Relocate Farragut -							
Airport - Bayway	Linden - North Ave	Convert the Bayway -	Convert the Bayway -		Hudson "B" and "C"	Relocate the Hudson 2			New Bayway	New Bayway		New Bayonne
345 kV circuit and	"T" 138 kV circuit to	Linden "Z" 138 kV	Linden "W" 138 kV	Convert the Bayway -	345 kV circuits to	generation to inject	New Bergen 345/230		345/138 kV	345/138 kV	New Linden 345/230	345/69 kV
any associated	Bayway, convert it to	circuit to 345 kV and	circuit to 345 kV and	Linden "M" 138 kV	Marion 345 kV and	into the 345 kV at	kV transformer and	New Bergen 345/138	transformer #1 and	transformer #2 and	kV transformer and	transformer and
substation	345 kV, and any	any associated	any associated	circuit to 345 kV and	any associated	Marion and any	any associated	kV transformer #1 and	any associated	any associated	any associated	any associated
upgrades	associated	substation upgrades	substation upgrades	any associated	substation upgrades	associated upgrades	substation upgrades	any associated	substation upgrades	substation upgrades	substation upgrades	substation
(B2436.70)	substation upgrades	(B2436.83)	(B2436.84)	substation upgrades	(B2436.90)	(B2436.91)	(B2437.10)	substation upgrades	(B2437.20)	(B2437.21)	(B2437.30)	upgrades
	(B2436.81) (CWIP)	(CWIP)	(CWIP)	(B2436.85) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(B2437.11) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(B2437.33) (CWIP)
1,328,392	8,046	7,738			136,075	702	33,744	33,744	735	735	160,162	183,255

			Page 18 of 19										
								Actual Trai	nsmission Enhancement Cl	narges - 2016			
П													
		Relocate the											
	Construct a now	overhead portion of				Relocate Farragut -							
			Convert the Bayway -	Convert the Bayway -			Relocate the Hudson 2			New Bayway	New Bayway		New Bayonne
		"T" 138 kV circuit to	Linden "Z" 138 kV		Convert the Bayway -	345 kV circuits to	generation to inject	New Bergen 345/230		345/138 kV		New Linden 345/230	
	any associated	Bayway, convert it to	circuit to 345 kV and	circuit to 345 kV and	Linden "M" 138 kV	Marion 345 kV and	into the 345 kV at	kV transformer and	New Bergen 345/138	transformer #1 and	transformer #2 and	kV transformer and	transformer and
	substation	345 kV, and any	any associated	any associated	circuit to 345 kV and	any associated	Marion and any	any associated	kV transformer #1 and	any associated	any associated	any associated	any associated
	upgrades	associated	substation upgrades	substation upgrades	any associated	substation upgrades	associated upgrades	substation upgrades	any associated	substation upgrades	substation upgrades	substation upgrades	substation
	(B2436.70)	substation upgrades	(B2436.83)	(B2436.84)	substation upgrades	(B2436.90)	(B2436.91)	(B2437.10)	substation upgrades	(B2437.20)	(B2437.21)	(B2437.30)	upgrades
L	(CWIP)	(B2436.81) (CWIP)	(CWIP)	(CWIP)	(B2436.85) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(B2437.11) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(B2437.33) (CWIP)
ī	2,311,095	1,295,020	1,295,020	1,342,797	1,342,797	868,195	704,952	908,856	915,296	597,380	597,124	2,125,894	157,609

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2018

												Page 18 of 18
Reconcilia	stion by Project (without i	nterest)										
	Relocate the											
Construct a new	overhead portion of				Relocate Farragut -							
Airport - Bayway		Convert the Bayway -	Convert the Bayway -			Relocate the Hudson 2			New Bayway	New Bayway		New Bayonne
	"T" 138 kV circuit to			Convert the Bayway -	345 kV circuits to	generation to inject	New Bergen 345/230		345/138 kV		New Linden 345/230	
any associated	Bayway, convert it to	circuit to 345 kV and	circuit to 345 kV and	Linden "M" 138 kV	Marion 345 kV and	into the 345 kV at	kV transformer and	New Bergen 345/138	transformer #1 and	transformer #2 and	kV transformer and	transformer and
substation	345 kV, and any	any associated	any associated	circuit to 345 kV and	any associated	Marion and any	any associated	kV transformer #1 and	any associated	any associated	any associated	any associated
upgrades	associated	substation upgrades	substation upgrades	any associated	substation upgrades	associated upgrades	substation upgrades	any associated	substation upgrades	substation upgrades	substation upgrades	substation
(B2436.70)	substation upgrades		(B2436.84)	substation upgrades	(B2436.90)	(B2436.91)	(B2437.10)	substation upgrades	(B2437.20)	(B2437.21)	(B2437.30)	upgrades
(CWIP)	(B2436.81) (CWIP)		(CWIP)	(B2436.85) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(B2437.11) (CWIP)	(CWIP)	(CWIP)		(B2437.33) (CWIP)
517,581	175,506	175,506	66,363	66,363	(213,626)	(158,798)	(417,851)	(408,383)	(41,915)	(42,254)	1,274,130	11,628
1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393

True Up by	Project (with interest) -2	016										
	Relocate the											
Construct a new	overhead portion of				Relocate Farragut -							
Airport - Bayway	Linden - North Ave	Convert the Bayway -	Convert the Bayway -		Hudson "B" and "C"	Relocate the Hudson 2			New Bayway	New Bayway		New Bayonne
345 kV circuit and	"T" 138 kV circuit to		Linden "W" 138 kV		345 kV circuits to	generation to inject	New Bergen 345/230		345/138 kV		New Linden 345/230	345/69 kV
any associated	Bayway, convert it to	circuit to 345 kV and	circuit to 345 kV and	Linden "M" 138 kV	Marion 345 kV and	into the 345 kV at	kV transformer and	New Bergen 345/138	transformer #1 and	transformer #2 and	kV transformer and	transformer and
substation	345 kV, and any	any associated	any associated	circuit to 345 kV and	any associated	Marion and any	any associated	kV transformer #1 and	any associated	any associated	any associated	any associated
upgrades	associated	substation upgrades	substation upgrades	any associated	substation upgrades	associated upgrades	substation upgrades	any associated	substation upgrades	substation upgrades	substation upgrades	substation
(B2436.70)	substation upgrades	(B2436.83)	(B2436.84)	substation upgrades	(B2436.90)	(B2436.91)	(B2437.10)	substation upgrades	(B2437.20)	(B2437.21)	(B2437.30)	upgrades
(CWIP)	(B2436.81) (CWIP)	(CWIP)	(CWIP)	(B2436.85) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(B2437.11) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(B2437.33) (CWIP)
555,844	188,481	188,481	71,269	71,269	(229,419)	(170,537)	(448,742)	(438,574)	(45,014)	(45,378)	1,368,323	12,488

Estimated	Transmission Enhancem	ent Charges (After True -	In) - 2018									
Louisieco	Transmission Emission	ent Onlinges (Anter 11de 4	5p) - 2010									
	Relocate the											
Construct a new	overhead portion of				Relocate Farragut -							
		Convert the Bayway -			Hudson "B" and "C"	Relocate the Hudson 2			New Bayway	New Bayway		New Bayonne
345 kV circuit and	"T" 138 kV circuit to	Linden "Z" 138 kV	Linden "W" 138 kV	Convert the Bayway -	345 kV circuits to	generation to inject	New Bergen 345/230		345/138 kV	345/138 kV	New Linden 345/230	345/69 kV
any associated	Bayway, convert it to	circuit to 345 kV and	circuit to 345 kV and	Linden "M" 138 kV	Marion 345 kV and	into the 345 kV at	kV transformer and	New Bergen 345/138	transformer #1 and	transformer #2 and	kV transformer and	transformer and
substation	345 kV, and any	any associated	any associated	circuit to 345 kV and	any associated	Marion and any	any associated	kV transformer #1 and	any associated	any associated	any associated	any associated
upgrades	associated	substation upgrades	substation upgrades	any associated	substation upgrades	associated upgrades	substation upgrades	any associated	substation upgrades	substation upgrades	substation upgrades	substation
(B2436.70)	substation upgrades	(B2436.83)	(B2436.84)	substation upgrades	(B2436.90)	(B2436.91)	(B2437.10)	substation upgrades	(B2437.20)	(B2437.21)	(B2437.30)	upgrades
(CWIP)	(B2436.81) (CWIP)	(CWIP)	(CWIP)	(B2436.85) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(B2437.11) (CWIP)	(CWIP)	(CWIP)	(CWIP)	(B2437.33) (CWIP)
1.884,236	196,527	196,218	71,269	71,269	(93,344)	(169,836)	(414,998)	(404,830)	(44,279)	(44,643)	1,528,485	195,743

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

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Read Charge Read FCR/H I Index Clack
Ind

13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.

10		Details		Bra	anchbura (B0130)		Kit	tatinny (B0134)		Es	sex Aldene (B014	15)	New Fre	edom Trans.(B0-	411)
11 °	'Yes' if a project under PJM DATT Schedule 12, otherwise 'No' Useful life of the project	Schedule 12 Life	(Yes or No)	Yes 42			Yes 42			Yes 42			Yes 42		
13 C	'Yes' if the customer has paid a umpsum payment in the amount of the investment on line 29, Otherwise "No" input the allowed increase in ROF	CIAC	(Yes or No)	No 0			No 0			No 0			No 0		
F	From line 3 above if "No" on line 13 and From line 7 above if	, , , , , , , , , , , , , , , , , , , ,	Points)	-						-			-		
	'Yes' on line 13 Line 14 plus (line 5 times line	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
5	15)/100 Service Account 101 or 106 if not	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
	yet classified - End of year balance	Investment		20,645,602			8,069,022			86,467,721			22,188,863		
	Line 17 divided by line 12	Annual Depreciation or Amort Exp		491,562			192,120			2,058,755			528,306		
19 0	depreciation expense from Year placed in Service (0 if			13.00			13.00			13.00			13.00		
20 0	CWIP)			2006			2007			2007			2007		
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
21			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W 11.68 % ROE	2006	20,680,597	492,395	4,652,471									
23		W Increased ROE W 11.68 % ROE	2006 2007	20,680,597	492,395 492,395	4,652,471 4,553,422		00.050	4 700 000	00 505 000	050 700	18.272.191	00 100 000		4.947.757
24 25		W 11.68 % ROE W Increased ROE	2007	20,188,202 20,188,202	492,395 492,395	4,553,422	8,069,022 8,069,022	80,050 80,050	1,703,202 1,703,202	86,565,629 86,565,629	858,786 858,786	18,272,191	22,188,863 22,188,863	484,281 484,281	4,947,757
26		W 11.68 % ROE	2008	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 Increased ROE	2008	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
25		W 11.68 % ROE W Increased ROE	2009 2009	19,203,412 19,203,412	492,395 492,395	4,523,234 4,523,234	7,796,853 7,796,853	192,120 192,120	1,828,696 1,828,696	83,645,756 83,645,756	2,061,086 2,061,086	19,618,517 19,618,517	21,176,276 21,176,276	528,306 528,306	4,973,254 4,973,254
29 30		W 11.68 % ROE	2010	18,711,016	492,395	4,525,234	7,796,653	192,120	1,656,722	81.584.670	2,061,086	17.773.557	20.647.970	528,306	4,504,919
31		W Increased ROE	2010	18.711.016	492,395	4.095.968	7,604,733	192,120	1,656,722	81,584,670	2.061.086	17,773,557	20,647,970	528,306	4,504,919
32		W 11.68 % ROE	2011	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 Increased ROE	2011	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
34		W 11.68 % ROE	2012	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 Increased ROE W 11.68 % ROE	2012	17,726,226 17,233,831	492,395 492,395	3,154,416 2.886,756	7,220,494 7.028.374	192,120 192,120	1,276,451	77,462,497 75.401.411	2,061,086 2,061,086	13,693,952 12,536,886	19,591,357 19,063,051	528,306 528,306	3,470,422 3,176,807
36 37		W 11.68 % ROE W Increased ROE	2013	17,233,831	492,395 492.395	2,886,756	7,028,374	192,120	1,168,598	75,401,411	2,061,086	12,536,886	19,063,051	528,306 528,306	3,176,807
35		W 11.68 % ROE	2014	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 Increased ROE	2014	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
40		W 11.68 % ROE	2015	16,249,041	492,395	2,397,208	6,644,135	192,120	970,986	71,279,238	2,061,086	10,416,881	18,006,439	528,306	2,639,133
41		W Increased ROE	2015	16,249,041	492,395	2,397,208	6,644,135	192,120	970,986	71,279,238	2,061,086	10,416,881	18,006,439	528,306	2,639,133
42		W 11.68 % ROE	2016	15,743,650	492,086	2,293,690	6,452,016	192,120	930,448	69,120,244	2,058,755	9,968,442	17,478,132	528,306	2,528,394
43		W Increased ROE	2016	15,743,650	492,086	2,293,690	6,452,016	192,120	930,448	69,120,244	2,058,755	9,968,442	17,478,132	528,306	2,528,394
44		W 11.68 % ROE	2017	15,264,250	492,395	2,176,785	6,259,896	192,120	882,891	67,157,065	2,061,086	9,471,779	16,949,826	528,306	2,398,697
45 46		W Increased ROE W 11.68 % ROE	2017	15,264,250 14,737,169	492,395 491,562	2,176,785 1,901,999	6,259,896 6,067,776	192,120 192,120	882,891 772.843	67,157,065 65.000.402	2,061,086 2,058,755	9,471,779 8,279,691	16,949,826 16,421,520	528,306 528,306	2,398,697 2,099,946
46		W Increased ROE	2018	14,737,169	491,562	1,901,999	6,067,776	192,120	772,843	65,000,402	2,058,755	8,279,691	16,421,520	528,306	2,099,946

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

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Fixed Charge Rate (FCR) If Inca CIAC Inca CIAC Formula Line:

Next Peace Charge Rate (FCR) If Inca CIAC Formula Line:

Next Peace Charge (Charge without Depreciation 9.57%;

For Inca CIAC Inca Ciac

10		Details		New F	reedom Loop (B)	0498)	Metuc	hen Transformer (	(B0161)	Branchburg-	Flagtown-Somer	ville (B0169)	Flagtown-Se	merville-Bridgew	rater (B0170)
	"Yes" if a project under PJM OATT Schedule 12, otherwise														
11	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
	Useful life of the project	Life	(1000)	42			42			42			42		
	"Yes" if the customer has paid a														
	lumpsum payment in the amount of the investment on line 29.														
13	Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
	Input the allowed increase in														
14	ROE From line 3 above if "No" on line	Increased ROE (Basis	Points)	0			0			0			0		
	13 and From line 7 above if														
15	"Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
1	Line 14 plus (line 5 times line 15)/100														
16	15)/100 Service Account 101 or 106 if not	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
1	yet classified - End of year														
17	balance	Investment		27,005,248			25,654,455			15,731,554			6,961,495		
1		Annual Depreciation													
18	Line 17 divided by line 12	or Amort Exp		642,982			610,820			374,561			165,750		
	Months in service for														
19	depreciation expense from Year placed in Service (0 if			13.00			13.00			13.00			13.00		
20	CWIP)			2008			2009			2009			2008		
					Depreciation			Depreciation			Depreciation				
					or			or			or			Depreciation or	
21			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22 23		W 11.68 % ROE W Increased ROE	2006 2006												
24		W 11.68 % ROE	2006												
25		W Increased ROE	2007												
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 W Increased ROE	2009 2009	26,916,602 26,916,602	642,982 642,982	6,292,837 6,292,837	19,700,217 19,700,217	288,478 288,478	2,831,673 2,831,673	15,773,880 15,773,880	234,561 234,561	2,302,423	6,936,122 6,936,122	165,750 165,750	1,621,657 1.621,657
29		W Increased ROE W 11 68 % ROF	2009	26,916,602	642,982	5,703,044	19,700,217	288,478 613.738	2,831,673 5.522.598	15,773,880	234,561 375,568	3,368,301	6,936,122	165,750	1,469,662
31		W Increased ROE	2010	26,273,620	642,982	5,703,044	25,488,527	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 W Increased ROE	2012 2012	24,987,652 24,987,652	642,982 642,982	4,395,482 4,395,482	24,282,576 24,282,576	614,263 614,263	4,260,879 4,260,879	14,746,864 14,746,864	374,561 374,561	2,589,159 2,589,159	6,438,873 6,438,873	165,750 165,750	1,132,702
35		W Increased ROE W 11 68 % ROF	2012	24,987,652	642,982	4,395,482	24,282,576	614,263	4,260,879 3.902.590	14,746,864	374,561	2,589,159	6,438,873	165,750	1,132,702
35		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 2016	22,415,723	642,982	3,208,097	21,819,123	614,111	3,110,954	13,248,621	374,561	1,890,650	5,775,874	165,750	826,705
43 44		W Increased ROE W 11.68 % ROE	2016 2017	22,415,723 21,772,741	642,982 642,982	3,208,097 3,045,575	21,819,123 21,211,259	614,111 614,263	3,110,954 2,954,897	13,248,621	374,561 374,561	1,890,650 1,795,196	5,775,874 5,610,124	165,750 165,750	826,705 784,820
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
46		W 11.68 % ROE	2018	21,129,759	642,982	2.665.229	20.452.549	610.820	2,568,254	12,499,499	374,561	1,570,839	5,444,374	165,750	686,810
					642.982	2.665.229	20,452,549	610.820	2,568,254	12,499,499	374.561	1.570.839	5.444.374	165,750	686,810

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

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2 Page Charge Rate (FCR) If If not a CIAC
If Ind a CIAC
If Indian Indian

$\overline{}$															
10		Details		Basalana	Transformers (	D0274)		rao Branchburo (B	0470.01	Barandonia III.	Ison - South Water	(D0042)	D	uth Mahwah J-3410 C	Inn. 2 (D4047)
10	"Yes" if a project under PJM	Details		Roseianic	i iransionners ti	002741	wave	rab Brankriburo (B	0172.21	Reconductor Had	Ison - South Water	TOTIC (BUSIS)	Reconductor Sol	ioi manwan 3-34 to C	IFCUIE IB 10171
	OATT Schedule 12, otherwise														
11	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a lumpsum payment in the amount														
	of the investment on line 29.														
13	Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROF	Increased ROE (Basis	Datasa)	0			0						0		
14	From line 3 above if "No" on line	Increased ROE (Basis	Points)	U			0			0			U		
	13 and From line 7 above if														
15	"Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
l	Line 14 plus (line 5 times line 15)/100	FOR to This Business		9.57%			9.57%								
16	Service Account 101 or 106 if not	FCR for This Project		9.5/%			9.5/%			9.57%			9.57%		
1	yet classified - End of year	1		ĺ											
17	balance	Investment		21,014,433			27,988			9,158,918			20,626,991		
1		Annual Depreciation		l											
18	Line 17 divided by line 12	or Amort Exp		500.344			666			218 069			491,119		
	Months in service for									2.0,000					
19	depreciation expense from Year placed in Service (0 if			13.00			13.00			13.00			13.00		
20	CWIP)	1		2009			2008			2010			2011		
					Depreciation			Depreciation			Depreciation			Depreciation or	
21			Invest Yr	Ending	Amortization	Revenue	Endina	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 27		W 11.68 % ROE W Increased ROE	2008 2008				36,369 36,369	577 577	5,114 5,114						
28		W 11 68 % ROF	2008	21 092 458	268.347	2 634 066	35,369	866	8,379						
29		W Increased ROE	2009	21,092,458	268,347	2,634,066	35,792	866	8,379						
30		W 11.68 % ROE	2010	20,797,967	501,579	4,507,079	27,122	666	5,890	8,806,222	18,700	169,959			
31		W Increased ROE	2010	20,797,967	501,579	4,507,079	27,122	666	5,890	8,806,222	18,700	169,959			
32		W 11.68 % ROE	2011	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
33		W Increased ROE W 11 68 % ROF	2011 2012	20,302,520	501,725	4,128,443	25,878 25,212	666 666	5,289 4,453	9,140,218 8,922,149	218,069	1,850,822	20,623,951	300,198	2,435,793
34 35		W 11.68 % ROE W Increased ROE	2012	19,802,055 19,802,055	501,755 501,755	3,475,512 3,475,512	25,212 25,212	666 666	4,453 4,453	8,922,149 8,922,149	218,069 218,069	1,557,946 1,557,946	20,326,793 20.326,793	491,119 491,119	3,543,678 3,543,678
35		W 11 68 % ROF	2012	19,300,300	501,755	3,475,512	24 546	666	4,453	8,704,079	218,069	1,427,360	19.835.674	491,119	3,545,676
37		W Increased ROE	2013	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
38		W 11.68 % ROE	2014	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
39		W Increased ROE	2014	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
40		W 11.68 % ROE	2015	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
41		W Increased ROE	2015	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
42		W 11.68 % ROE	2016	17,735,762	500,344	2,529,913	22,547	666	3,247	8,049,871	218,069	1,139,246	18,362,318	491,119	2,592,387
43		W Increased ROE	2016	17,735,762	500,344	2,529,913	22,547	666	3,247	8,049,871	218,069	1,139,246	18,362,318	491,119	2,592,387
44		W 11.68 % ROE	2017	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
45 46		W Increased ROE W 11.68 % ROE	2017 2018	17,293,281 16,733,664	501,755 500,344	2,410,045 2,101,858	21,880 21,214	666 666	3,081 2.697	7,831,801 7.613,732	218,069 218,069	1,082,298 946,750	17,871,199 17,380,080	491,119 491,119	2,463,182 2,154,499
45		W 11.68 % ROE W Increased ROE	2018	16,733,664	500,344	2,101,858	21,214	666	2,697	7,613,732	218,069	946,750	17,380,080	491,119	2,154,499
		· · · illicaseu i(UE	2010	10,733,004	300,344	2,101,030	41,414	000	4,037	1,013,732	210,009	540,75U	17,300,000		

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#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

Repart of 20 Served Charge Reside (FCR) If I root a CIAC

If not a CIAC

A A 152

Net Plant Carrying Charge without Depreciation 8.576

Met Plant Carrying Charge without Depreciation 9.576

Net Plant Carrying Charge without Depreciation 9.576

FCR If a CIAC

FCR with Carrying Charge per 100 Basis Point in ROE without Depreciation 10.14%

DEPRECIATION OF TAX SERVED IN THE CARRYING Charge per 100 Basis Point in ROE without Depreciation 10.57%

FCR If a CIAC

FCR If a CIAC

FCR If a CIAC

FCR within Carrying Charge per 100 Basis Point in ROE without Depreciation 10.57%

Her FCR resulting from Formata in a given year is used for that year only.

Therefore actual revenues collected in a year do not charge based on contilate for subsequent years.

Per FSCR Confed and Depotement Point 10.21 in Docks Int. SERVED, We ROE for the Humbers Cold Reliability Project in 11.97%,
which includes a 27 bias joint International Served PEEC become efficitive Junuary, 1.2012.

For all and American Served Peec Served In Served Indicated in year of the manufactor of precision Princes Like 17 is he 11 month average balance from Allach 6a, and Like 19 will be number of moreths to be amortified in year plus one.

10		Details		Reconductor Sou	th Mahwah K-3411 C	Grouit (R1018)	Branchhure	400 MVAR Capacite	or (B0290)	Sarkille Brook	c - Athenia Upgrade C	able (R0472)	Branchburg-Somm	nerville-Flagtown Reci B0665)	onductor (B0664 &
	"Yes" if a project under PJM														
11	OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
	Useful life of the project	Life	(10301140)	42			42			42			42		
	"Yes" if the customer has paid a						_			_			_		
	lumpsum payment in the amount														
13	of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
	Input the allowed increase in		, ,												
14	ROE From line 3 above if "No" on line	Increased ROE (Basis	Points)	0			0			0			0		
	13 and From line 7 above if														
15	"Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
	Line 14 plus (line 5 times line	L		1			1						1		
16	15)/100 Service Account 101 or 106 if not	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
	yet classified - End of year	1		1			1						1		
17	balance	Investment		21,170,273			77,352,830			14,404,842			18,664,931		
		Annual Depreciation													
18	Line 17 divided by line 12	or Amort Exp		504,054			1,841,734			342,972			444,403		
	Months in service for														
19	depreciation expense from Year placed in Service (0 if			13.00			13.00			13.00			13.00		
20	CWIP)			2011			2012			2012			2012		
					Depreciation			Depreciation			Depreciation			Depreciation	
					or	_		or	_		or	_		or	_
21 22		W 11.68 % ROE	Invest Yr 2006	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26 27		W 11.68 % ROE W Increased ROE	2008 2008												
20		W 11 68 % ROF	2008												
29		W Increased ROE	2009	1			1						1		
30		W 11.68 % ROE	2010	l			l						1		
31		W Increased ROE	2010	l			l						1		
32		W 11.68 % ROE W Increased ROE	2011 2011	20,511,158 20,511,158	37,566 37,566	284,735 284,735	1						1		
33 34		W Increased ROE W 11.68 % ROE	2011	20,511,158	37,566 504.054	3.677.641	79.937.194	1.240.233	9.062.770	14.401.477	210.412	1.537.549	19.820.557	318.342	2.326.229
35		W Increased ROE	2012	21,132,707	504,054	3,677,641	79,937,194	1,240,233	9,062,770	14,401,477	210,412	1,537,549	19,820,557	318,342	2,326,229
36		W 11.68 % ROE	2013	20,628,652	504,054	3,370,070	79,195,082	1,915,127	12,917,996	14,194,429	342,972	2,315,058	18,294,505	443,163	2,984,887
37		W Increased ROE	2013	20,628,652	504,054	3,370,070	79,195,082	1,915,127	12,917,996	14,194,429	342,972	2,315,058	18,294,505	443,163	2,984,887
38		W 11.68 % ROE	2014	20,124,598	504,054	2,983,683	77,279,955	1,915,127	11,437,086	13,851,457	342,972	2,049,664	17,903,425	444,403	2,650,353
39 40		W Increased ROE W 11.68 % ROE	2014 2015	20,124,598 19.620.544	504,054 504,054	2,983,683 2,804,096	77,279,955 75,364,829	1,915,127 1,915,127	11,437,086 10,749,859	13,851,457 13,508,484	342,972 342,972	2,049,664 1,926,521	17,903,425 17,459,022	444,403 444,403	2,650,353 2,491,058
40		W Increased ROE	2015	19,620,544	504,054	2,804,096	75,364,829	1,915,127	10,749,859	13,508,484	342,972	1,926,521	17,459,022	444,403	2,491,058
41		W 11.68 % ROE	2016	19.116.490	504,054	2,691,625	70,419,117	1.842.970	9.901.291	13,165,512	342,972	1.849.551	17,014,619	444,403	2,391,449
43		W Increased ROE	2016	19.116.490	504.054	2.691.625	70,419,117	1.842.970	9.901.291	13.165.512	342,972	1.849.551	17.014.619	444,403	2,391,449
44		W 11.68 % ROE	2017	18,612,436	504,054	2,557,912	71,534,576	1,915,127	9,808,871	12,822,540	342,972	1,757,923	16,570,216	444,403	2,272,904
45		W Increased ROE	2017	18,612,436	504,054	2,557,912	71,534,576	1,915,127	9,808,871	12,822,540	342,972	1,757,923	16,570,216	444,403	2,272,904
46		W 11.68 % ROE	2018	18,108,382	504,054	2,237,137	66,609,121	1,841,734	8,216,634	12,479,567	342,972	1,537,343	16,125,813	444,403	1,987,742
47		W Increased ROE	2018	18,108,382	504,054	2,237,137	66,609,121	1,841,734	8,216,634	12,479,567	342,972	1,537,343	16,125,813	444,403	1,987,742

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## Public Service Electric and Gas Company ATTACHMENT N-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

10		Details		Somerville-Br	Idgewater Reconduct	or (B0668)	New Essex-Kearny 138	kV circuit and Keam (B0814)	ny 138 kV bus tie	Salem 500 k	V breakers (B141	0-B1415)	230kV Lawrens	e Switching Station L	lograde (B1228)
	"Yes" if a project under PJM OATT Schedule 12, otherwise														
-11	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29.														
13	Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROF	Increased ROE (Basis I	Dointe\	0			0			0					
	From line 3 above if "No" on line 13 and From line 7 above if	norcused NOE (busis)	· Ollis)												
15	"Yes" on line 13 Line 14 plus (line 5 times line	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	15)/100	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
1	Service Account 101 or 106 if not yet classified - End of year														
17	balance	Investment		6,390,403			46,035,637			15,865,267			21,736,918		
1		Annual Depreciation or Amort Exp											ĺ		
18	Line 17 divided by line 12 Months in service for	or Amort Exp		152,152			1,096,087			377,744			517,546		
19	depreciation expense from Year placed in Service (0 if			13.00			13.00			13.00			13.00		
20	CWIP)			2012			2012			2011			2013		
21			Invest Yr		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										l		
24 25		W 11.68 % ROE W Increased ROE	2007 2007										l		
26		W 11.68 % ROE	2008										l		
27		W Increased ROE	2008										l		
28		W 11.68 % ROE	2009												
29		W Increased ROE	2009										l		
30		W 11.68 % ROE W Increased ROE	2010 2010										ĺ		
31		W 11 68 % ROF	2010							2 640 253	9.537	73.000	ĺ		
33		W Increased ROE	2011							2,640,253	9,537	73,000	ĺ		
34		W 11.68 % ROE	2012	4,404,012	57,853	422,751	22,800,866	123,008	898,857	7,275,941	108,279	790,336	ĺ		
35		W Increased ROE	2012	4,404,012	57,853	422,751	22,800,866	123,008	898,857	7,275,941	108,279	790,336	ĺ		
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
37		W Increased ROE W 11.68 % ROE	2013 2014	6,291,725 6.181,332	151,180 152,152	1,025,313 913,777	45,385,800 44,747,660	1,083,543	7,389,162 6,607,679	9,926,683 15.445.872	192,972 289.093	1,305,797 1,755,636	22,127,065 21,792,104	248,542 524,777	1,698,840 3,209,866
35 39		W 11.68 % ROE W Increased ROF	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
40		W 11.68 % ROE	2014	6.029.218	152,152	858.935	43,772,546	1,094,148	6.228.271	15,276,916	378.019	2.168.874	21,792,104	524,777	3,209,865
41		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	21,267,327	524,777	3,017,865
42		W 11.68 % ROE	2016	5,877,066	152,152	824,687	42,662,264	1,096,665	5,978,667	14,899,633	378,036	2,083,057	20,438,822	517,546	2,856,436
43		W Increased ROE	2016	5,877,066	152,152	824,687	42,662,264	1,096,665	5,978,667	14,899,633	378,036	2,083,057	20,438,822	517,546	2,856,436
44		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
45		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
46		W 11.68 % ROE W Increased ROE	2018 2018	5,572,761 5.572,761	152,152 152,152	685,500 685,500	40,444,309 40,444,309	1,096,087	4,966,854 4,966,854	14,131,308 14.131.308	377,744 377,744	1,730,197	19,396,499 19,396,499	517,546 517,546	2,373,909 2,373,909
47															

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

1	New Plant Carrying Charge			Page 6 of 23
2	Fixed Charge Rate (FCR) if if not a CIAC			
	Formula Lin			
3	A 152	Net Plant Carrying Charge without Depreciation	9.57%	
4	B 159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%	
5	C	Line B less Line A	0.57%	
6	FCR if a CIAC D 153	Net Plant Carrying Charge without Decreciation. Return, nor Income Taxes	1.47%	
		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.		
8		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 Januar	y 1, 2012.	
9		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 plu	is one.	

_															
10		Details		Branchburg-M	iddlesex Switch R	ack (B1155)	Aldene-Spring	ield Rd. Conver	sion (B1399)	Upgrade Camde	en-Richmond 230kV	Circuit (B1590)	Susquehanna	coseland Breakers (b0	189,5-B0489,15)
	"Yes" if a project under PJM OATT Schedule 12, otherwise														
11		Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a lumpsum payment in the amount														
	of the investment on line 29,														
13	Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No			No			No			No		
14		Increased ROE (Basis	Points)	0			0			0			125		
	From line 3 above if "No" on line 13 and From line 7 above if														
15		11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.57%			9.57%			9.57%			10.28%		
16	Service Account 101 or 106 if not	on tor this rioject		3.37 /0			2.5/%			3.57%			10.20%		
17	yet classified - End of year balance	Investment		62.937.256			72.380.453			11.276.183			5.857.687		
17	Datarioc	Annual Depreciation		62,937,256			72,360,453			11,276,163			1,00,100,1		
	Line 17 divided by line 12	or Amort Exp		1.498.506			1.723.344			268.481			139.469		
18	Months in service for			1,450,000			1.723.344			268.481			139.469		
19	depreciation expense from Year placed in Service (0 if			13.00			13.00			13.00			13.00		
20	CWIP)			2013			2014			2014			2010		
								Depreciation							
					Depreciation or			or			Depreciation or			Depreciation or	
21		W 11 68 % ROF	Invest Yr 2006	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25 26		W Increased ROE W 11.68 % ROE	2007												
27		W Increased ROE	2008												
25		W 11.68 % ROE	2009												
29		W Increased ROE W 11 68 % ROF	2009										2 662 585	7.802	70.915
30		W 11.68 % ROE W Increased ROE	2010										2,662,585	7,802 7,802	70,915 70,915
32		W 11.68 % ROE	2011										5,849,885	116,061	966,188
33		W Increased ROE W 11.68 % ROE	2011 2012										5,849,885 5,733,823	116,061 139,469	1,014,845
34 35		W 11.68 % ROE W Increased ROE	2012										5,733,823	139,469	1,000,541
35		W 11.68 % ROE	2013	20,876,286	101,812	695,908							5,594,354	139,469	916,713
37		W Increased ROE	2013	20,876,286	101,812	695,908				7 000 700	07.000	00 4 500	5,594,354	139,469	967,047
35		W 11.68 % ROE W Increased ROE	2014 2014	60,374,269 60,374,269	1,439,907	8,878,852 8.878.852	68,405,611 68,405,611	556,909 556,909	3,438,903 3,438,903	7,389,782 7,389,782	37,992 37.992	234,599 234,599	5,454,886 5,454,886	139,469 139,469	811,586 859,361
40		W 11.68 % ROE	2015	61,346,085	1,497,329	8,688,697	71,213,315	1,708,815	10,056,881	11,126,578	265,823	1,570,150	5,315,417	139,469	762,575
41		W Increased ROE	2015	61,346,085	1,497,329	8,688,697	71,213,315	1,708,815	10,056,881	11,126,578	265,823	1,570,150	5,315,417	139,469	808,174
		W 11.68 % ROE	2016	65,275,261	1,626,531	9,096,222	70,112,484	1,723,291	9,746,523	10,972,368	268,481	1,524,089	5,175,948	139,469	731,772
42			0040												
42 43		W Increased ROE	2016	65,275,261 63,648,517	1,626,531	9,096,222	70,112,484 68,474,262	1,723,291	9,746,523	10,972,368	268,481	1,524,089	5,175,948 5,036,479	139,469	776,124 695,238
42			2016 2017 2017	65,275,261 63,648,517 63,648,517	1,626,531 1,626,495 1,626,495	9,096,222 8,650,024 8,650,024	70,112,484 68,474,262 68,474,262	1,723,291 1,724,855 1,724,855	9,746,523 9,280,898 9,280,898	10,972,368 10,705,213 10,705,213	268,481 268,300 268,300	1,524,089 1,449,606 1,449,606	5,175,948 5,036,479 5,036,479	139,469 139,469 139,469	776,124 695,238 737,976
42 43 44		W Increased ROE W 11.68 % ROE	2017	63,648,517	1,626,495	8,650,024	68,474,262	1,724,855	9,280,898	10,705,213	268,300	1,449,606	5,036,479	139,469	695,238

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## Public Service Electric and Gas Company ATTACHMENT IN-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

1	New Plant Carrying Charge			Page 7 of 23
2	Fixed Charge Rate (FCR) if if not a CIAC Formula Line			
3	A 152	Net Plant Carrying Charge without Depreciation	9.57%	
4	B 159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%	
5	C	Line B less Line A	0.57%	
6	FCR if a CIAC			
7	D 153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%	
		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.		
8		Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project	t is 11.93%,	
		which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 20	12.	
9		For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 1	7 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		Susqueha	nna Roseland < 500KV (	B0489.4)	Susquehanna	Roseland > 500KV	/ (B0489)	Burlington - Can	nden 230kV Conve	rsion (B1156)	Mickleton-Glou	cester-Camden(B	1398-B1398.7)
	"Yes" if a project under PJM OATT Schedule 12. otherwise														
	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a lumpsum payment in the amount														
	of the investment on line 29,														
	Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No			No			No			No		
14	ROE	Increased ROE (Basis	Points)	125			125			0			0		
	From line 3 above if "No" on line 13 and From line 7 above if														
	"Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
	Line 14 plus (line 5 times line 15)/100	COD to This Books		10.28%			40.000/			0.570			0.570/		
	Service Account 101 or 106 if not	FCR for This Project		10.28%			10.28%			9.57%			9.57%		
	yet classified - End of year														
17	balance	Investment		40,538,248			720,620,844			356,333,540			439,384,743		
		Annual Depreciation or Amort Exp													
	Line 17 divided by line 12 Months in service for			965,196			17,157,639			8,484,132			10,461,542		
19	depreciation expense from			13.00			13.00			13.00			12.99		
	Year placed in Service (0 if CWIP)			2011			2012			2011			2013		
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
21		144 44 00 0/ DOF	Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W 11.68 % ROE W Increased ROE	2006 2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26 27		W 11.68 % ROE W Increased ROE	2008 2008												
28		W 11.68 % ROE	2009												
29		W Increased ROE	2009												
30		W 11.68 % ROE W Increased ROE	2010 2010												
31		W 11.68 % ROE	2010	7.844.331	111,778	905.525				19.902.939	147.204	1.150.144			
33		W Increased ROE	2011	7,844,331	111,778	952,449				19,902,939	147,204	1,150,144			
34		W 11.68 % ROE W Increased ROE	2012 2012	7,628,074 7,628,074	184,491 184,491	1,331,330	4,694,511 4.694,511	8,598 8,598	62,828 66.040	19,848,511 19.848,511	475,501 475,501	3,452,558 3,452,558			
35		W Increased ROE W 11.68 % ROE	2012	7,628,074 6.391.895	184,491	1,399,243	4,694,511 25.426.870	8,598 605.606	4,138,257	19,848,511	2.827.106	19,237,368	777.714	1.424	9,736
37		W Increased ROE	2013	6,391,895	159,242	1,104,801	25,426,870	605,606	4,367,027	118,115,741	2,827,106	19,237,368	777,714	1,424	9,736
38		W 11.68 % ROE	2014	40,082,737	717,210	4,387,056	666,963,000	10,160,548	62,692,814	333,325,376	6,107,990	37,392,933	83,696,796	854,944	5,279,191
39		W Increased ROE W 11.68 % ROE	2014 2015	40,082,737 39,365,526	717,210 965,196	4,647,913 5.579.868	666,963,000 711,440,230	10,160,548 16,714,518	66,426,879 97,780,708	333,325,376 346,271,067	6,107,990 8,256,393	37,392,933 47.814.854	83,696,796 436,685,203	854,944 6.739.741	5,279,191 39.857.912
40		W Increased ROE	2015	39,365,526	965,196	5.917.569	711,440,230	16,714,518	103.713.135	346,271,067	8,256,393	47,814,854	436,685,203	6.739.741	39.857.912
42		W 11.68 % ROE	2016	38,400,330	965,196	5,359,489	694,520,844	17,213,677	96,796,429	338,712,254	8,485,957	47,233,422	430,951,154	10,495,692	60,066,502
43		W Increased ROE	2016	38,400,330	965,196	5,688,534	694,520,844	17,213,677	102,755,603	338,712,254	8,485,957	47,233,422	430,951,154	10,495,692	60,066,502
44		W 11.68 % ROE	2017	37,435,134	965,196	5,096,113	678,154,289	17,211,186	92,044,606	330,265,484	8,488,706	44,933,061	421,661,646	10,462,931	56,992,730
45 46		W Increased ROE W 11.68 % ROE	2017 2018	37,435,134 36,469,937	965,196 965,196	5,413,780 4,455,592	678,154,289 658,706,710	17,211,186 17,157,639	97,799,286 80,199,899	330,265,484 321,544,683	8,488,706 8,484,132	44,933,061 39,257,924	421,661,646 410.830.010	10,462,931	56,992,730 49,741,703
47		W Increased ROE	2018	36,469,937	965,196	4,713,850	658,706,710	17,157,639	84,864,454	321,544,683	8,484,132	39,257,924	410,830,010	10,453,391	49,741,703

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#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

1	New Plant Carrying Ch	harge			Page 8 of 23
2	Fixed Charge Rate (F if not a CIAC				
		Formula Line			
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%	
4	В	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%	
5	С		Line B less Line A	0.57%	
6	FCR if a CIAC				
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%	
			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.		
8			Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability	y Project is 11.93%,	
			which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective Janua	ry 1, 2012.	
9			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 of	lus one	

10		Details		North Central Re	eliability (West O	range Conversion	Northeast Grid R	eliability Project	(B1304.1-B1304.4)	Northeast Grid	Reliability Project (	(B1304.5-B1304.21)		gen - Marion 138 I nd associated sub: (B2436.10)	kV path to double station upgrades
	"Yes" if a project under PJM OATT Schedule 12, otherwise														
11	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project "Yes" if the customer has paid a lumpsum payment in the amount	Life		42			42			42			42		
13	of the investment on line 29, Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No			No			No			No		
14	ROE From line 3 above if "No" on line 13 and From line 7 above if	Increased ROE (Basis	Points)	0			25			25			0		
15	"Yes" on line 13 Line 14 plus (line 5 times line	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	15)/100 Service Account 101 or 106 if not yet classified - End of year	FCR for This Project		9.57%			9.71%			9.71%			9.57%		
17		Investment		370,006,995			625,390,228						174,969,351		
18	Line 17 divided by line 12 Months in service for	Annual Depreciation or Amort Exp		8,809,690			14,890,244						4,165,937		
19	depreciation expense from Year placed in Service (0 if CWIP)			13.00			13.00						12.99		
20	CWIP)			2012			2013			2016			2016		
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
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 25		W 11.68 % ROE 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 W 11.68 % ROE	2011 2012	16.441.748	30.113	220.046									
34 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	l			1		
38		W 11.68 % ROE	2014	360,673,484	7,742,354	47,135,528	274,113,325	2,382,627	14,708,781	ĺ					
39		W Increased ROE	2014	360,673,484	7,742,354	47,135,528	274,113,325	2,382,627	14,884,013	ĺ					
40		W 11.68 % ROE	2015	355,885,266	8,777,921	50,370,637	433,597,024	7,852,675	46,296,391	ĺ			-	-	-
41				355.885.266	8,777,921	50.370.637	433,597,024	7,852,675	46,859,053	i			-		-
		W Increased ROE	2015												
42		W 11.68 % ROE	2016	347,072,992	8,805,472	48,529,997	615,905,487	12,804,341	73,330,415	352,027,464	8,381,606	48,665,417	178,685,539	2,436,719	14,148,115
43		W 11.68 % ROE W Increased ROE	2016 2016	347,072,992 347,072,992	8,805,472 8,805,472	48,529,997 48,529,997	615,905,487	12,804,341	74,236,857	352,027,464	8,381,606	49,268,709	178,685,539	2,436,719	14,148,115
43 44		W 11.68 % ROE W Increased ROE W 11.68 % ROE	2016 2016 2017	347,072,992 347,072,992 338,731,158	8,805,472 8,805,472 8,813,920	48,529,997 48,529,997 46,192,451	615,905,487 597,948,245	12,804,341 14,904,549	74,236,857 80,887,339	352,027,464 351,791,077	8,381,606 8,375,978	49,268,709 47,195,653	178,685,539 173,780,513	2,436,719 4,177,297	14,148,115 23,318,838
43		W 11.68 % ROE W Increased ROE	2016 2016	347,072,992 347,072,992	8,805,472 8,805,472	48,529,997 48,529,997	615,905,487	12,804,341	74,236,857	352,027,464	8,381,606	49,268,709	178,685,539	2,436,719	14,148,115

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#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

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Pa

10		Details		to 345 kV and	ion - Bayonne "L d any associated grades (B2436.2"	substation	Convert the Mario 345 kV and any a	n - Bayonne "C" 1: ssociated substati (B2436.22)			/ Bayway - Bayonn ed substation upg			ew North Ave - Bay associated substar (B2436.34)	
	"Yes" if a project under PJM OATT Schedule 12, otherwise														
11	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29,														
13	Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROF	Increased ROE (Basis	Dninte)				0								
	From line 3 above if "No" on line 13 and From line 7 above if	,	· Ornay	-						-					
15	"Yes" on line 13 Line 14 plus (line 5 times line	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	15)/100 Service Account 101 or 106 if not	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
17	yet classified - End of year balance	Investment		68.319.997			49.614.813			162.329.270			120.922.525		
		Annual Depreciation		00,010,007			70,017,013			102,020,270			120,022,020		
18	Line 17 divided by line 12 Months in service for	or Amort Exp		1,626,667			1,181,305			3,864,983			2,879,108		
	depreciation expense from Year placed in Service (0 if			11.76			11.01			11.05			9.18		
20	CWIP)			2016			2016			2015			2018		
					Depreciation										
21			Invest Yr	Ending	or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
21		W 11.68 % ROE	2006	Ending	Amortization	Kevenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Kevenue
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 W 11 68 % ROF	2008												
28 29		W 11.68 % ROE W Increased ROE	2009												
30		W 11 68 % ROF	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	l									ĺ		
36		W 11.68 % ROE	2013	l									ĺ		
37		W Increased ROE W 11.68 % ROE	2013 2014	1									l		
38		W 11.68 % ROE W Increased ROE	2014	l									ĺ		
39 40		W Increased ROE W 11.68 % ROE	2014	l						225.037	412	2.441	ĺ		
40		W Increased ROE	2015	l						225.037	412	2,441	ĺ		
				I	322.903	1.874.846	23.849.835	322.903	1.874.846	349.923	8.202	47.577			
		W 11 68 % ROF	2016												
42		W 11.68 % ROE W Increased ROE	2016	23,849,835				322 903		349 923					
			2016 2016 2017	23,849,835 23,849,835 24,121,486	322,903 572,715	1,874,846	23,849,835 24,121,486	322,903 572,715	1,874,846 3,199,550	349,923 15.071.025	8,202 193,511	47,577 1.090.341			
42 43 44		W Increased ROE	2016	23,849,835 24,121,486	322,903 572,715	1,874,846 3,199,550	23,849,835 24,121,486	572,715	1,874,846 3,199,550	15,071,025	8,202 193,511	47,577 1,090,341			
42 43		W Increased ROE W 11.68 % ROE	2016 2017	23,849,835	322,903	1,874,846	23,849,835		1,874,846		8,202	47,577	120,922,525 120,922,525	2,033,349 2,033,349	10,206,715 10,206,715

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#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

Register Charging Change | September | Charging Change | September | September

10		Details		Construct a new I	North Ave - Airport ciated substation (B2436.50)		Linden "T" 138 I	nderground portion kV circuit to Baywa y associated substa (B2436.60)	y, convert it to		w Airport - Bayway sociated substation (B2436.70)		Ave "T" 138 kV	overhead portion of circuit to Bayway, associated substat (B2436.81)	convert it to 345
	"Yes" if a project under PJM OATT Schedule 12, otherwise														
11	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a														
	lumpsum payment in the amount of the investment on line 29.														
13	Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROE	I DOE (D		0						0			0		
14	From line 3 above if "No" on line	Increased ROE (Basis	Points)	0			0			0			0		
	13 and From line 7 above if														
15	"Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
.0	Service Account 101 or 106 if not	Oction mas Project		a.a/78			2.3/76			2.37%			3.37%		
	yet classified - End of year	L								l			ĺ		
17	balance	Investment		63,112,389			49,352,658			88,981,836			45,611,902		
		Annual Depreciation or Amort Exp								l			ĺ		
18	Line 17 divided by line 12	or Amort Exp		1,502,676			1,175,063			2,118,615			1,085,998		
19	Months in service for depreciation expense from			9.39			10.22			10.37			12.64		
	Year placed in Service (0 if												_		
20	CWIP)	ļ .		2018			2015			2015			2015		
					Depreciation or	_		Depreciation or	_		Depreciation or	_		Depreciation or	_
21		W 11.68 % ROE	Invest Yr 2006	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26 27		W 11.68 % ROE W Increased ROE	2008 2008												
27		W 11.68 % ROE	2008												
29		W Increased ROE	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE	2010							l			ĺ		
32		W 11.68 % ROE	2011							l			ĺ		
33 34		W Increased ROE W 11.68 % ROE	2011 2012							l			ĺ		
35		W Increased ROE	2012							l			ĺ		
35		W 11.68 % ROE	2013							l			ĺ		
37		W Increased ROE	2013							l			ĺ		
35		W 11.68 % ROE	2014							l			ĺ		
			2014	l			225.037	412	2,441	225.037	412	2,441	225.037	412	2,44
39		W Increased ROE					225,037				412				
39 40		W 11.68 % ROE	2015				225 227								
39 40 41		W 11.68 % ROE W Increased ROE	2015 2015				225,037	412 8 202	2,441 47 577	225,037		2,441 47 577	225,037	412 12 273	
39 40 41 42		W 11.68 % ROE W Increased ROE W 11.68 % ROE	2015 2015 2016				349,923	8,202	47,577	349,923	8,202	47,577	723,468	12,273	71,22
39 40 41		W 11.68 % ROE W Increased ROE	2015 2015						47,577 47,577	349,923 349,923		47,577 47,577			71,22 71,22
39 40 41 42 43		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2015 2015 2016 2016 2017 2017				349,923 349,923	8,202 8,202	47,577	349,923	8,202 8,202	47,577	723,468 723,468	12,273 12,273	2,44 71,22 71,22 1,908,56 1,908,56
39 40 41 42 43 44		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2015 2015 2016 2016 2017	63,112,389 63,112,389	1,084,893 1.084.893	5,445,790 5.445,790	349,923 349,923 48,229,026	8,202 8,202 259,831	47,577 47,577 1,464,046	349,923 349,923 15,071,025	8,202 8,202 193,511	47,577 47,577 1,090,341	723,468 723,468 24,740,340	12,273 12,273 338,724	71,22 71,22 1,908,56

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## Public Service Electric and Gas Company ATTACHMENT H-H-0A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

1 New Plant Carrying Charge Marker (FR) H
H not a CIAC

S Formal Line
Net Plant Carrying Charge without Depreciation
Net Plant Carrying Charge without Depreciation
S PORT Net Plant Carrying Charge without Depreciation Return, nor Income Taxes
S PORT Net Plant Carrying Charge without Depreciation Return, nor Income Taxes
S PORT Net Plant Net Plant Carrying Charge without Depreciation Return, nor Income Taxes
S PORT Net Plant Net Plant Net Plant Carrying Charge without Depreciation Return, nor Income Taxes
S PORT Net Plant Net Plant Net Plant Carrying Charge without Depreciation Return, nor Income Taxes
S PORT Net Plant Net Plan

10		Details		to 345 kV and	way - Linden "Z" d any associated s grades (B2436.83)		to 345 kV and	way - Linden "W d any associated grades (B2436.84	substation		way - Linden "M" d any associated grades (B2436,85	substation	circuits to M	agut - Hudson "B" : arion 345 kV and ar ttion upgrades (B2-	y associated
	"Yes" if a project under PJM OATT Schedule 12, otherwise														
11	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12		Life		42			42			42			42		
	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29.														
13	Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROF	Increased ROE (Basis	Points)	0			0								
"	From line 3 above if "No" on line 13 and From line 7 above if		· onia)	-			_								
15	"Yes" on line 13 Line 14 plus (line 5 times line	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	15)/100	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
	Service Account 101 or 106 if not														
17	yet classified - End of year balance	Investment		45.611.902			45.234.044			45.234.044			38.401.188		
		Annual Depreciation		40,011,002			40,234,044			43,234,044			30,401,100		
18	Line 17 divided by line 12 Months in service for	or Amort Exp		1,085,998			1,077,001			1,077,001			914,314		
19	depreciation expense from Year placed in Service (0 if			12.64			12.96			12.96			11.44		
20				2015			2015			2015			2016		
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
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 W 11 68 % ROF	2006												
24 25		W 11.68 % ROE 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 W Increased ROE	2011 2011												
33		W 11.68 % ROE	2011												
35		W Increased ROE	2012												
36		W 11.68 % ROE	2013	ĺ											l
37		W Increased ROE	2013	l											
38		W 11.68 % ROE	2014	ĺ											
39		W Increased ROE	2014												l
40		W 11.68 % ROE	2015	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		007 000	0.050.46
42		W 11.68 % ROE	2016	723,468	12,273	71,227	723,468	12,273	71,227	723,468	12,273	71,227	28,441,681	387,893	2,252,189
43		W Increased ROE W 11 68 % ROF	2016 2017	723,468	12,273 338,724	71,227	723,468	12,273	71,227	723,468	12,273 485,767	71,227	28,441,681	387,893 688.967	2,252,189 3.843.966
44		W 11.68 % ROE W Increased ROE	2017 2017	24,740,340		1,908,566	36,209,684	485,767	2,737,100	36,209,684		2,737,100	28,907,314		
45 46		W 11.68 % ROE	2017	24,740,340 45,260,492	338,724 1.055,752	1,908,566 5,266,819	36,209,684 44,735,591	485,767 1.073.403	2,737,100 5,340,569	36,209,684 44,735,591	485,767 1.073.403	2,737,100 5.340,569	28,907,314 37,324,329	688,967 804.914	3,843,966 3,949,660
46		W Increased ROE	2018	45,260,492	1,055,752	5,266,819	44,735,591	1,073,403	5,340,569	44,735,591	1.073,403	5,340,569	37,324,329	804,914	3,949,660

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

1 Neer Plant Carrying Charge Real (FCR) H
H not a CIAC

3 A 152
Berl Plant Carrying Charge without Depreciation S.57%,
4 B 159
Berl Plant Carrying Charge without Depreciation S.57%,
5 B 159
Berl Plant Carrying Charge without Depreciation S.57%,
6 B 7 B 159
Berl Plant Carrying Charge without Depreciation S.57%,
10 B 159
Berl Plant Carrying Charge without Depreciation S.57%,
10 B 159
Berl Plant Carrying Charge without Depreciation S.57%,
10 B 159
Berl Plant Carrying Charge without Depreciation S.57%,
10 B 159
Berl Plant Carrying Charge without Depreciation S.57%,
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Berl Plant Carrying Charge without Depreciation S.57%,
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Berl Plant Carrying Charge without Depreciation S.57%,
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Berl Plant Carrying Charge without Depreciation S.57%,
10 B 159
Berl Plant Carrying Charge without Depreciation S.57%,
10 B 159
Berl Plant Carrying Charge without Depreciation S.57%,
10 B 159
Berl Plant Carrying Charge without Depreciation S.57%,
10 B 1

10		Details		the 345 kV at	dson 2 generation t Marion and any as: grades (B2436.91)			45/230 kV transfo obstation upgrade			45/138 kV transform			345/138 kV transfor substation upgrad	
	"Yes" if a project under PJM OATT Schedule 12, otherwise			l											
11	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29,														
13	Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROF	Increased ROE (Basis	Points)	0			0						0		
"	From line 3 above if "No" on line 13 and From line 7 above if	northead NOL (busis)	GI 113)												
15	"Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
16	Service Account 101 or 106 if not	POR IOI THIS Project		9.5/%			2.0/%			9.5/%			9.5/%		
17	yet classified - End of year balance	Investment		24.812.999			26.819.837			26.819.837			15.574.675		
		Annual Depreciation		27,012,999			23,619,637			20,019,037			13,574,675		
18	Line 17 divided by line 12	or Amort Exp		590.786			638.568			638.568			370.826		
18	Months in service for			590,786			638,568			638,568			370,826		
19	depreciation expense from Year placed in Service (0 if			12.99			13.00			13.00			12.95		
20	CWIP)			2016			2016			2016			2015		
					Depreciation										
					or			Depreciation or			Depreciation or			Depreciation or	
21			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22 23		W 11.68 % ROE W Increased ROE	2006 2006	l											
24		W 11.68 % ROE	2007	l											
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008	l											
27		W Increased ROE	2008	l											
26		W 11.68 % ROE	2009	l						l					
29		W Increased ROE W 11.68 % ROE	2009 2010	ĺ						l			l		
30		W 11.68 % ROE W Increased ROE	2010	l						l					
32		W 11.68 % ROE	2011	ĺ			l			I			I		
33		W Increased ROE	2011	ĺ			l			I			I		
34		W 11.68 % ROE	2012	ĺ			l			I			I		
35		W Increased ROE	2012	ĺ						l			l		
36		W 11.68 % ROE	2013	l						l					
37		W Increased ROE W 11.68 % ROE	2013 2014	l						l					
38		W 11.68 % ROE W Increased ROE	2014	l						l					
40		W 11.68 % ROE	2014	l						l			225.037	412	2.441
41		W Increased ROE	2015	l						l			225.037	412	2.441
42		W 11.68 % ROE	2016	23,849,835	322,903	1,874,846	27,523,727	407,034	2,363,328	27,523,727	407,034	2,363,328	349,923	4,465	25,899
43		W Increased ROE	2016	23,849,835	322,903	1,874,846	27,523,727	407,034	2,363,328	27,523,727	407,034	2,363,328	349,923	4,465	25,899
44		W 11.68 % ROE	2017	1			25,328,064	610,761	3,405,679	25,328,064	610,761	3,405,679	15,071,025	193,511	1,090,341
45		W Increased ROE	2017	l			25,328,064	610,761	3,405,679	25,328,064	610,761	3,405,679	15,071,025	193,511	1,090,341
46		W 11.68 % ROE W Increased ROE	2018 2018	24,490,096 24,490,096	590,341	2,932,429	25,802,041	638,561	3,107,951	25,802,041	638,561	3,107,951	15,376,287 15,376,287	369,378 369,378	1,835,238 1.835,238
47					590.341	2.932.429	25.802.041	638,561	3.107.951	25.802.041	638.561	3.107.951			

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## Public Service Electric and Gas Company ATTACHMENT 1H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

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Fixed Charge Rate (FCR) If If In ol a CIAC
If Int ol a CIAC
If In old a CIA

				1											
10		Details		New Bayway 345	/138 kV transform			345/230 kV transfo ubstation upgrade			345/69 kV transfor		Upgrade Eagle	Point-Gloucester (B1588)	230kV Circuit
	"Yes" if a project under PJM	Details		associated sub	istation upuraue	102437.211	associateu s	ubstation uburaus	es (B2437.30)	associated su	ostation upuraues	102437.331		1613001	
	OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
	Useful life of the project	Life	(165 01 140)	42			42			42			165		
12	"Yes" if the customer has paid a lumpsum payment in the amount	Life		42			*2			42					
	of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)							No					
	Input the allowed increase in		,	No			No			No			No		
14	ROE From line 3 above if "No" on line 13 and From line 7 above if	Increased ROE (Basis	Points)	0			0			0			0		
15	"Yes" on line 13 Line 14 plus (line 5 times line	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	15)/100	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
	Service Account 101 or 108 if not yet classified - End of year														
17	balance	Investment		15,574,675			20,678,337			15,251,024			12,087,537		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		370.826			492.341			363.120			287.798		
	Months in service for	·													
	depreciation expense from Year placed in Service (0 if CWIP)			12.95			12.13			10.55			13.00		
20	CWIFI			2015			2017			2018			2015		
					Depreciation			Depreciation or			Depreciation or			Depreciation or	
21			Invest Yr	Ending	Amortization	Revenue		Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W 11.68 % ROE	2006		-		· ·								
23		W Increased ROE	2006												
24 25		W 11.68 % ROE W Increased ROE	2007 2007												
26		W 11.68 % ROE	2007												
27		W Increased ROE	2008												
28		W 11.68 % ROE	2009												
29		W Increased ROE	2009												
30		W 11.68 % ROE	2010	1											
31		W Increased ROE	2010												
32		W 11.68 % ROE	2011												
33		W Increased ROE W 11.68 % ROE	2011 2012												
34		W 11.68 % ROE W Increased ROE	2012 2012												
35		W 11.68 % ROE	2012	1											
35		W Increased ROE	2013												
35		W 11.68 % ROE	2013												
39		W Increased ROE	2014												
40		W 11.68 % ROE	2015	225,037	412	2,441							11,980,348	216,491	1,282,387
41		W Increased ROE	2015	225,037	412	2,441							11,980,348	216,491	1,282,387
42		W 11.68 % ROE	2016	349,923	4,743	27,513	2,241,267	24,426	141,823				11,871,005	287,798	1,646,241
43		W Increased ROE	2016	349,923	4,743	27,513	2,241,267	24,426	141,823				11,871,005	287,798	1,646,241
44		W 11.68 % ROE	2017	15,071,025	193,511	1,090,341	58,015,888	871,281	4,909,357				11,583,195	287,722	1,565,912
45		W Increased ROE	2017	15,071,025	193,511	1,090,341	58,015,888	871,281	4,909,357				11,583,195	287,722	1,565,912
46		W 11.68 % ROE	2018	15.376.009	369.378	1.835.212	19.782.631	459.518	2.226.613	15.251.024	294.694	1.479.264	11.295.526	287,798	1.368.849
47		W Increased ROE	2018	15,376,009	369,378	1.835.212	19,782,631	459,518	2.226,613	15.251.024	294,694	1,479,264	11,295,526	287,798	1,368,849

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#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charoes Worksheet (TEC) - December 31, 2018

- 1	New Plant	Carrying Charge			Page 14 of 23
2	Fixed Cha if not a CI				
		Formula Line			
3	,		Net Plant Carrying Charge without Depreciation	9.57%	
4		B 159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%	
5	(	C	Line B less Line A	0.57%	
6	FCR if a C	IAC			
7	1	D 153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%	
			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.		
8			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.		
9			For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is the	1	

10		Details			Gloucester 230kV Ci			ad 69kV Breaker Station			r-Lumberton 230kV Cir			Switch 230kV Conver	
	"Yes" if a project under PJM OATT Schedule 12, otherwise	Details		MICKIETON-G	Sloucester 23ukv Ci	reuit (B2139)	Ridde Ros	ad toky Breaker Station	1 (B1256)	Cox's Come	r-Lumperton Z3UKV Cir	CUR (B1/8/)	Sewaren S	SWITCH ZJUKY CONVE	sion (B2276)
	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
	"Yes" if the customer has paid a lumpsum payment in the amount	Life		42			42			42			42		
	of the investment on line 29, Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No			No			No			No		
		Increased ROE (Basis I	Points)	0			0			0			0		
	13 and From line 7 above if	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
	Service Account 101 or 106 if not yet classified - End of year														
17	balance	Investment Annual Depreciation		19,272,633			34,729,740			32,027,160					
18	Line 17 divided by line 12	or Amort Exp		458,872			826,899			762,551					
19	Months in service for depreciation expense from Year placed in Service (0 if			13.00			13.00			13.00					
20	CWIP)			2015			2016			2015			2015		
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
21			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W 11.68 % ROE W Increased ROE	2006 2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26 27		W 11.68 % ROE W Increased ROE	2008 2008												
28		W 11.68 % ROE	2009												
29															
30		W Increased ROF													
		W Increased ROE W 11.68 % ROE	2009												
31			2009												
31		W 11.68 % ROE	2009 2010												
		W 11.68 % ROE W Increased ROE	2009 2010 2010												
32		W 11.68 % ROE W Increased ROE W 11.68 % ROE	2009 2010 2010 2011												
32 33		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2009 2010 2010 2011 2011												
32 33 34		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2009 2010 2010 2011 2011 2012												
32 33 34 35		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE	2009 2010 2010 2011 2011 2012 2012 2012												
32 33 34 35 36		W 11.68 % ROE W Increased ROE W 11.68 % ROE	2009 2010 2010 2011 2011 2012 2012 2012												
32 33 34 35 36 37		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2009 2010 2010 2011 2011 2012 2012 2012												
32 33 34 35 36 37 38		W 11.68 % ROE W Increased ROE W 11.68 % ROE	2009 2010 2010 2011 2011 2012 2012 2012	18,260,361	232,128	1,375,013	-	_	-	17,370,246	185,057	1,096,185	13,591,177	156,762	928,58
32 33 34 35 36 37 38		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2009 2010 2010 2011 2011 2012 2012 2012	18,260,361 18,260,361	232,128 232,128	1,375,013 1,375,013		<u>-</u>		17,370,246 17,370,246	185,057 185,057	1,096,185 1,096,185	13,591,177 13,591,177	156,762 156,762	928,58 928,58
32 33 34 35 36 37 38 39 40		W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE	2009 2010 2010 2011 2011 2012 2012 2013 2013				4,024,723								928,58
32 33 34 35 36 37 38 39 40		W 11.68 % ROE W Increased ROE W Increased ROE	2009 2010 2010 2011 2011 2012 2012 2013 2013	18,260,361	232,128	1,375,013	4,024,723 4,024,723	-	-	17,370,246	185,057	1,096,185 4,451,390	13,591,177	156,762	928,58 16,356,35
32 33 34 35 36 37 38 39 40 41 42		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE	2009 2010 2010 2011 2011 2011 2012 2012	18,260,361 19,039,119	232,128 458,839	1,375,013 2,637,556		95,827	556,391 556,391	17,370,246 32,167,824	185,057 770,307	1,096,185 4,451,390 4,451,390	13,591,177 118,288,759	156,762 2,820,131	
32 33 34 35 36 37 38 39 40 41 42 43		W 11.68 % ROE W Increased ROE	2009 2010 2010 2011 2011 2011 2012 2012	18,260,361 19,039,119 19,039,119 18,357,357	232,128 458,839 458,839 452,946	1,375,013 2,637,556 2,637,556 2,478,656	4,024,723 35,212,643	95,827 95,827 267,164	556,391 556,391 1,488,600	17,370,246 32,167,824 32,167,824 30,829,183	185,057 770,307 770,307 755,191	1,096,185 4,451,390 4,451,390 4,157,150	13,591,177 118,288,759 118,288,759 116,563,457	156,762 2,820,131 2,820,131 2,815,636	928,58 16,356,35 16,356,35 15,669,47
32 33 34 35 36 37 38 39 40 41 42 43 44		W 11.68 % ROE W Increased ROE W 11.68 % ROE	2009 2010 2010 2011 2011 2011 2012 2012	18,260,361 19,039,119 19,039,119	232,128 458,839 458,839	1,375,013 2,637,556 2,637,556	4,024,723	95,827 95,827	556,391 556,391	17,370,246 32,167,824 32,167,824	185,057 770,307 770,307	1,096,185 4,451,390 4,451,390	13,591,177 118,288,759 118,288,759	156,762 2,820,131 2,820,131	928,58 16,356,35 16,356,35

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

		1							1			1			
10		Details		Install Conema	ugh 250MVAR Cap	Bank (B0376)	Reconfigure Kea	rnv- Loop in P221	6 Ckt (B1589)	Reconfigure B	runswick Sw-New (B2146)	69kVCkt-T	350 MVAR Read	ctor Hopatcong 50	00kV (B2702)
	"Yes" if a project under PJM OATT Schedule 12, otherwise														
11	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29,														
	Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No			No			No			No		
14	ROE From line 3 above if "No" on line 13 and From line 7 above if	Increased ROE (Basis	Points)	0			0			0			0		
15	"Yes" on line 13 Line 14 plus (line 5 times line	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
	15)/100 Service Account 101 or 106 if not vet classified - End of year	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
	balance	Investment		1,108,058			21,487,134			146,250,715			21,301,080		
	Line 17 divided by line 12 Months in service for	Annual Depreciation or Amort Exp		26,382			511,598			3,482,160			507,169		
19	depreciation expense from Year placed in Service (0 if			13.00			8.30			8.04			6.99		ı
20	CWIP)			2016			2018			2017			2018		
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
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 W 11 68 % ROF	2006												
24 25		W 11.68 % ROE 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	1											
39		W Increased ROE W 11.68 % ROE	2014 2015												
40															
41		W Increased ROE	2015		00.05	150.10									
42		W 11.68 % ROE	2016	1,108,058	26,382	153,181									
43		W Increased ROE	2016	1,108,058	26,382	153,181									Į.
44		W 11.68 % ROE	2017												
45		W Increased ROE	2017												
46		W 11.68 % ROE	2018	1,081,675	26,382	129,905	21,487,134	326,604 326,604	1,639,441	146,250,715 146,250,715	2,154,587 2,154,587	10,815,286 10,815,286	21,301,080 21,301,080	272,673	1,368,726
47		W Increased ROE	2018	1.081.675	26.382	129.905	21.487.134							272.673	1.368.726

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#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

1	New Plant Carrying Charge			Page 16 of 23
2	Fixed Charge Rate (FCR) if if not a CIAC			
	Formula Lin			
3	A 152	Net Plant Carrying Charge without Depreciation	9.57%	
4	B 159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%	
5	C	Line B less Line A	0.57%	
6	FCR if a CIAC			
7	D 153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%	
		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 ye	ars.	
8		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 effect	ve January 1, 2012.	
9		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.	

10	Details		Susquehanna E	Roseland < 500KV (B0489.4) (CWIP)	Susquehanna R	oseland >= 500kV (B0489) (CWIP)	North Central Reliabili	ty (West Grange Conversion) (B1154) (CWIP)	Mickleton-Glo	ucester-Camden(B1398-B1398.7) (CWIP)
"Yes" if a project under P. OATT Schedule 12, other	JM									
11 "No"	Schedule 12	(Yes or No)	Yes		Yes		Yes		Yes	
12 Useful life of the project	Life	, ,	42		42		42		42	
"Yes" if the customer has										
lumpsum payment in the a of the investment on line 2	amount									
13 Otherwise "No"	CIAC	(Yes or No)	No		No		No		No	
Input the allowed increase		,								
14 ROE From line 3 above if "No"	Increased ROE (Basis	Points)	125		125		0		0	
13 and From line 7 above										
15 "Yes" on line 13	11.68% ROE		9.57%		9.57%		9.57%		9.57%	
Line 14 plus (line 5 times			1		1					
16 15)/100 Service Account 101 or 10	FCR for This Project		10.28%		10.28%		9.57%		9.57%	
yet classified - End of yea										
17 balance	Investment		-		-		-		-	
	Annual Depreciation									
18 Line 17 divided by line 12	or Amort Exp						_			
Months in service for			-		-				-	
19 depreciation expense from Year placed in Service (0)										
20 CWIP)	, ,									
				Depreciation or		Depreciation or		Depreciation or		Depreciation or
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 25	W 11.68 % ROE W Increased ROE	2007								
26	W 11.68 % ROE	2008			8.927.082	819.421				
27	W Increased ROE	2008	1		8,927,082	858,682				
28	W 11.68 % ROE	2009	8,601,534	794,647	33,993,795	3,927,226				
29	W Increased ROE	2009	8,601,534	833,737	33,993,795	4,120,411				
30	W 11.68 % ROE W Increased ROE	2010 2010	10,121,290	1,719,499	83,961,998	10,780,919				
31	W Increased ROE W 11.68 % ROE	2010	10,121,290 30,831,150	1,811,185 3.376.923	83,961,998 133,618,838	11,355,769 19,674,374	19.588.655	1,299.846	1.648.851	56.1
32	W Increased ROE	2011	30,831,150	3,576,923	133,618,838	20.775.227	19,588,655	1,299,846	1,648,851	56.1
34	W 11.68 % ROE	2012	38,077,851	5,359,127	264,235,891	27,190,938	139,052,337	10,137,161	22,706,717	1,587,3
35	W Increased ROE	2012	38,077,851	5,676,479	264,235,891	28,801,108	139,052,337	10,137,161	22,706,717	1,587,3
36	W 11.68 % ROE	2013	40,538,248	5,381,625	567,928,477	56,420,758	79,292,223	21,408,869	117,558,986	7,924,4
37	W Increased ROE	2013	40,538,248	5,730,133	567,928,477	60,074,507	79,292,223	21,408,869	117,558,986	7,924,4
38	W 11.68 % ROE W Increased ROE	2014 2014	12,476,737 12,476,737	1,537,307 1.646.580	34,481,067 34,481,067	28,945,163 31.002.624	31,617,517 31.617.517	3,895,715 3,895,715	160,260,925 160,260,925	16,099,9 16,099,9
39			12,470,737	1,646,580	15.544.417	1,822,213	31,017,517	3,895,715	81.558.947	16,099,9
40	W 11 68 % ROF									
40	W 11.68 % ROE W Increased ROE	2015	:	_		1 955 563	_	_	81 558 947	9.560.8
40 41 42	W 11.68 % ROE W Increased ROE W 11.68 % ROE	2015 2015 2016	-		15,544,417	1,955,563	-	=	81,558,947	9,560,8
41	W Increased ROE	2015	-	- -			÷ ÷	- - -	81,558,947	9,560,8 - -
41 42	W Increased ROE W 11.68 % ROE	2015 2016	-	- - - -			- - -	= = = =	81,558,947	9,560,8 - - -
41 42 43	W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2015 2016 2016 2017 2017	-	- - - -			- - - -	- - - -	81,558,947 - - -	9,560,8 - - -
41 42 43 44	W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2015 2016 2016 2017	-	- - - - -			- - - - - -		81,558,947 - - - -	9,560,8 - - -

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

1	New Plant Carryi	ing Charge			Pag	ge 17 of 23
2	Fixed Charge R: if not a CIAC					
		Formula Line				
3	A		Net Plant Carrying Charge without Depreciation	9.57%		
4	В	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%		
5	С		Line B less Line A	0.57%		
6	FCR if a CIAC					
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%		
			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 subseque	nt years.		
8			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 e	ffective January 1, 2012.		
9			For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmis			

_		1				1		1		1	
10		Details		Mickleton-Glouceste	rr-Camden Breakers (B1398.15-B1398.19) (CWIP)	Burlington - C	amden 230kV Conversion (B1156) (CWP)	Burlington - Camden	230kV Conversion (B1156.13-B1156.20) (CWIP)	Northeast Grid	Reliability Project (B1304.1-B1304.4)
	"Yes" if a project under PJM										
11	OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes		Yes		Yes		Yes	
12	Useful life of the project	Life	,	42		42		42		42	
	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29.										
13	Otherwise "No"	CIAC	(Yes or No)	No		No		No		No	
14	Input the allowed increase in ROE	Increased ROE (Basis I	Points)	0		0		0		25	
	From line 3 above if "No" on line 13 and From line 7 above if										
15	"Yes" on line 13 Line 14 plus (line 5 times line	11.68% ROE		9.57%		9.57%		9.57%		9.57%	
16	15)/100	FCR for This Project		9.57%		9.57%		9.57%		9.71%	
	Service Account 101 or 106 if not yet classified - End of year	ĺ		l							
17	balance	Investment		-		-		-		-	
		Annual Depreciation									
18	Line 17 divided by line 12	or Amort Exp								-	
19	Months in service for depreciation expense from										
20	Year placed in Service (0 if CWIP)										
20	CWIP)	1				1					
					Depreciation or		Depreciation or		Depreciation or		Depreciation or
21			Invest Yr	Ending	Amortization Revenue	Ending	Amortization Revenue	Ending	Amortization Revenue	Ending	Amortization Revenue
22 23		W 11.68 % ROE W Increased ROE	2006 2006								
24		W 11.68 % ROE	2007								
25		W Increased ROE W 11 68 % ROF	2007								
26 27		W 11.68 % ROE W Increased ROE	2008 2008								
28		W 11.68 % ROE	2009								
29		W Increased ROE	2009								
30		W 11.68 % ROE W Increased ROE	2010 2010								
32		W 11.68 % ROE	2010			22.089.378	1.874.440				
33		W Increased ROE	2011			22,089,378	1,874,440				
34		W 11.68 % ROE W Increased ROE	2012 2012	532,375 532,375	24,600 24,600	128,653,138 128,653,138	10,501,318 10,501,318	9,231,712 9,231,712	791,084 791,084	81,587,177 81,587,177	6,341,372 6,416,475
35 36		W 11.68 % ROE	2012	532,375	73,965	128,653,138	10,501,318	9,231,712 8.854.018	791,084 1,275,855	184.611.449	18,512,179
37		W Increased ROE	2013	532,375	73,965	155,344,760	22,819,788	8,854,018	1,275,855	184,611,449	18,751,945
38		W 11.68 % ROE	2014	532,375	65,596	56,976,438	7,020,285	3,745,932	461,551	211,553,988	28,743,491
39 40		W Increased ROE W 11.68 % ROE	2014 2015	532,375 204,760	65,596 24,003	56,976,438	7,020,285	3,745,932	461,551	211,553,988 232,789,181	29,152,116 31,313,982
40		W Increased ROE	2015	204,760	24,003		-	[	-	232,769,161	31,772.294
42		W 11.68 % ROE	2016	204,700	-	-	-	-	-	103,162,268	11,805,242
43		W Increased ROE	2016	-		-	-	-	=	103,162,268	11,982,038
44		W 11.68 % ROE	2017			-			-	-	-
45 46		W Increased ROE W 11.68 % ROE	2017 2018	1		1			Ī.		
			2018		-		-		-	-	-

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#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

Fixed Charge Rate (FCR) If
If not a ClaC

If not a ClaC

Separation of the separatio

10		Details		Northeast Gric	d Reliability Project (E (CWIP)	81304.5-B1304.21)	circuit 345 kV as	gen - Marion 138 k nd associated subs (B2436,10) (CWIP)	tation upgrades		on - Bayonne "L" 138 kt ciated substation upgra (CWIP)			n - Bayonne "C" 138 iated substation upg (CWIP)	
	"Yes" if a project under PJM OATT Schedule 12, otherwise														
11	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a lumpsum payment in the amount														
	of the investment on line 29,														
13	Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No			No			No			No		
14	ROE	Increased ROE (Basis	Points)	25			0			0			0		
	From line 3 above if "No" on line														
15	13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
15	Line 14 plus (line 5 times line	11.00% KOE		9.07 /6			9.07 /6			5.57 76			9.07 %		
16	15)/100	FCR for This Project		9.71%			9.57%			9.57%			9.57%		
	Service Account 101 or 106 if not yet classified - End of year														
17	balance	Investment		_			327.500			3.373.416			4.386.778		
		Annual Depreciation					021,010			0,010,110					
18	Line 17 divided by line 12	or Amort Exp					7.798			80.319			104.447		
18	Months in service for			-			7,798			80,319			104,447		
19	depreciation expense from						13.00			13.00			13.00		
20	Year placed in Service (0 if CWIP)														
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
21			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending		Revenue	Ending	Amortization	Revenue
22		W 11.68 % ROE	2006												
23		W Increased ROE W 11.68 % ROE	2006 2007												
24 25		W 11.68 % ROE 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 W 11.68 % ROE	2009 2010												
30		W Increased ROE	2010												
32		W 11.68 % ROE	2011												
33		W Increased ROE	2011												
34		W 11.68 % ROE	2012	5,537,185		457,198									
35 36		W Increased ROE W 11.68 % ROE	2012 2013	5,537,185 18,052,410		462,613 1,627,531									
36		W Increased ROE	2013	18.052,410		1,627,531									
35		W 11.68 % ROE	2014	33,293,621		3,699,551	9,496,612		391,383	1,589,541		61,526	1,531,032		58,653
39		W Increased ROE	2014	33,293,621		3,752,145	9,496,612		391,383	1,589,541		61,526	1,531,032		58,653
40		W 11.68 % ROE	2015	31,157,349		2,302,742	79,833,944		3,818,309	14,281,935		836,684	14,081,213		819,896
41		W Increased ROE W 11.68 % ROE	2015	31,157,349 35,334,506		2,336,445 4,043,459	79,833,944 518,235		3,818,309 5,126,158	14,281,935 11.570,665		836,684 857,240	14,081,213 2,658,598		819,896 921,870
						4,043,459	518,235 518,235		5,126,158	11,570,665		857,240	2,658,598		921,870
42															
43		W Increased ROE W 11 68 % ROF	2016	35,334,506		4,104,014									
		W Increased ROE W 11.68 % ROE W Increased ROE	2016 2017 2017	35,334,506		-	2,271,018 2,271,018		519,803 519,803	23,927,668 23,927,668		2,300,724 2,300,724	13,263,928 13,263,928		1,087,121 1,087,121
43 44		W 11.68 % ROE	2017	35,334,506			2,271,018		519,803	23,927,668		2,300,724	13,263,928		1,087,121

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#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

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Rived Charge Rate (FCR) H
If not a CIAC

Rived Charge Rate (FCR) H
If not a CIAC

Rived Charge Rate (FCR) H
If not a CIAC

Rived Charge Rate (FCR) H
If not a CIAC

Rived Charge Rate (FCR) H
Rived Charge Rate (FC

10		Details			yway - Bayonne 345 kV circuit tation upgrades (B2436.33) (C)			North Ave - Bayonne 345 l ubstation upgrades (B243			North Ave - Airport 345		Linden "T" 138	nderground portion kV circuit to Bayway y associated substar (B2436.60) (CWIP)	y, convert it to
	"Yes" if a project under PJM OATT Schedule 12. otherwise														
11	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
	"Yes" if the customer has paid a														
	lumpsum payment in the amount of the investment on line 29.														
13	Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
	Input the allowed increase in														
14	ROE From line 3 above if "No" on line	Increased ROE (Basis	Points)	0			0			0			0		
	13 and From line 7 above if														
15	"Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
	Line 14 plus (line 5 times line														
16	15)/100	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
1	Service Account 101 or 106 if not yet classified - End of year					I				ĺ					
17	yet classified - End of year balance	Investment		20.653.909			30,394,186			14.893.653			8.794.765		
1 "				20,000,000		I	20,034,100			14,000,000			3,734,703		
1		Annual Depreciation or Amort Exp		1						l					
18	Line 17 divided by line 12	or Amort Exp		491,760			723,671			354,611			209,399		
19	Months in service for depreciation expense from			13.00			13.00			13.00			13.00		
	Year placed in Service (0 if			10.00			10.00			10.00			10.00		
20	CWIP)														
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
21			Invest Yr	Ending	Amortization Rever	nue	Ending	Amortization R	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
22		W 11.68 % ROE W Increased ROE	2006 2006												
23 24		W 11.68 % ROE	2006												
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
25		W 11.68 % ROE	2009												
29		W Increased ROE													
30			2009												
		W 11.68 % ROE	2010												
31		W 11.68 % ROE W Increased ROE	2010 2010												
32		W 11.68 % ROE W Increased ROE W 11.68 % ROE	2010 2010 2011												
32 33		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2010 2010 2011 2011												
32		W 11.68 % ROE W Increased ROE W 11.68 % ROE	2010 2010 2011												
32 33 34 35		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2010 2010 2011 2011 2012												
32 33 34		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE	2010 2010 2011 2011 2012 2012												
32 33 34 35 36		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE	2010 2010 2011 2011 2012 2012 2013 2013	2,114,342		74,197	1,476,460		58,912	838,906		41,991	433,918		21,259
32 33 34 35 36 37		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE	2010 2010 2011 2011 2012 2012 2012 2013 2013	2,114,342		74,197	1,476,460		58,912	838,906		41,991	433,918		21,259
32 33 34 35 36 37 38		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE	2010 2010 2011 2011 2012 2012 2013 2013	2,114,342 7,520,100		74,197 530,656	1,476,460 1,567,639		58,912 105,699	838,906 3,286,307		41,991 178,025	433,918 3,386,828		21,259 209,207
32 33 34 35 36 37 38 39 40 41		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W I1.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE W Increased ROE W Increased ROE	2010 2010 2011 2011 2012 2012 2013 2013	2,114,342 7,520,100 7,520,100		74,197 530,656 530,656	1,476,460 1,567,639 1,567,639		58,912 105,699 105,699	838,906 3,286,307 3,286,307		41,991 178,025 178,025	433,918 3,386,828 3,386,828		21,259 209,207 209,207
32 33 34 35 36 37 38 39 40 41		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE	2010 2010 2011 2011 2012 2012 2013 2013	2,114,342 7,520,100 7,520,100 65,119,433	3,	74,197 530,656 530,656 473,891	1,476,460 1,567,639 1,567,639 36,960,137		58,912 105,699 105,699 1,695,242	838,906 3,286,307 3,286,307 24,980,240		41,991 178,025 178,025 1,011,439	433,918 3,386,828 3,386,828 14,073,743		21,259 209,207 209,207 749,927
32 33 34 35 36 37 38 39 40 41 42 43		W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE	2010 2010 2011 2011 2011 2012 2012 2013 2013	2,114,342 7,520,100 7,520,100 65,119,433 65,119,433	3,- 3,-	74,197 530,656 530,656 473,891 473,891	1,476,460 1,567,639 1,567,639 36,960,137 36,960,137		58,912 105,699 105,699 1,695,242 1,695,242	838,906 3,286,307 3,286,307 24,980,240 24,980,240		41,991 178,025 178,025 1,011,439 1,011,439	433,918 3,386,828 3,386,828 14,073,743 14,073,743		21,259 209,207 209,207 749,927 749,927
32 33 34 35 36 37 38 39 40 41 42 43 44		W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE	2010 2010 2011 2011 2011 2012 2013 2013	2,114,342 7,520,100 7,520,100 65,119,433 65,119,433 103,139,173	3, 3, 8,	74,197 530,656 530,656 473,891 473,891 457,930	1,476,460 1,567,639 1,567,639 36,960,137 36,960,137 100,004,406		58,912 105,699 105,699 1,695,242 1,695,242 7,165,306	838,906 3,286,307 3,286,307 24,980,240 24,980,240 50,261,443		41,991 178,025 178,025 1,011,439 1,011,439 4,476,177	433,918 3,386,828 3,386,828 14,073,743 14,073,743 4,257,610		21,259 209,207 209,207 749,927 749,927 1,981,744
32 33 34 35 36 37 38 39 40 41 42 43		W 11.68 % ROE W Increased ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W 11.68 % ROE W Increased ROE W Increased ROE	2010 2010 2011 2011 2011 2012 2012 2013 2013	2,114,342 7,520,100 7,520,100 65,119,433 65,119,433	; 3, 3, 8, 8,	74,197 530,656 530,656 473,891 473,891	1,476,460 1,567,639 1,567,639 36,960,137 36,960,137		58,912 105,699 105,699 1,695,242 1,695,242	838,906 3,286,307 3,286,307 24,980,240 24,980,240		41,991 178,025 178,025 1,011,439 1,011,439	433,918 3,386,828 3,386,828 14,073,743 14,073,743		21,259 209,207 209,207 749,927 749,927

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

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Flace Charge Rate (FCR) If If India CIAC

A 152

A 152

Net Plant Carrying Charge without Depreciation 5.1.4%

FORMULA LINE

Plant Carrying Charge without Depreciation 5.1.4%

FOR Plant Carrying Charge per 100 Bissis Point in ROE without Depreciation 5.1.4%

CD7%

FOR FCR If a CIAC

FOR IT A CIAC

FOR THE CARRYING Charge without Depreciation 15.4%

The FCR recalling from Formula in a given year is used for flast year only.

The FCR recalling from Formula in a given year is used for flast year only.

The FCR recalling from Formula in a given year is used for flast year only.

The FCR recalling from Formula in a given year is used for flast year only.

The FCR recalling from Formula in a given year is used for flast year only.

The FCR recalling from Formula in a given year is used for flast year only.

The FCR recalling from Formula in a given year is used for flast year only.

The FCR recalling from Formula in a given year is used for flast year only.

The FCR recalling from Formula in a given year is used for flast year only.

The FCR recalling from Formula in a given year is used for flast year only.

The FCR recalling from Formula in a given year is used for flast year only.

The FCR recalling from Formula in a given year is used for flast year only.

The FCR recalling from Formula in a given year is used for flast year only.

The FCR recalling from FCR recalling from FCR without a 2 State year is authorised for FCR includingly regict is 11.47%,

The FCR recalling from FCR without a 2 State year is authorised for FCR includingly regict is 11.47%,

The FCR recalling from FCR without a 2 State year on the formula in the protection to be authorised for FCR including in year year.

10		Details			Airport - Bayway 345 kV substation upgrades (I (CWIP)		Relocate the overhe "T" 138 kV circuit to any associated s		t to 345 kV, and	345 kV and any	yway - Linden "Z" 138 kV ciro y associated substation upgr (B2436.83) (CWIP)		V and any	way - Linden "W" 13 associated substat B2436.84) (CWIP)	
	"Yes" if a project under PJM OATT Schedule 12, otherwise														
	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes		Y	r'es		
12		Life		42			42			42		4	42		
	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29,														
13	Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No			No			No		1	No		
14	ROE	Increased ROE (Basis P	Points)	0			0			0			0		
	From line 3 above if "No" on line	•	-												
15	13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%		0.6	57%		
15	Line 14 plus (line 5 times line	11.00% KOE		5.57 %			9.07 /6			5.0776		5.0	17 70		
16	15)/100	FCR for This Project		9.57%			9.57%			9.57%		9.5	57%		
1	Service Account 101 or 106 if not vet classified - End of year						l								
	yet classified - End of year balance	Investment		13.879.908			84.069			80.847			(0)		
l "		Annual Depreciation		10,073,300			04,003			00,047			(0)		
18	Line 17 divided by line 12	or Amort Exp		330.474			2.002			1.925					
	Months in service for			330,474			2,002			1,925			(0)		
19	depreciation expense from			13.00			13.00			13.00					
	Year placed in Service (0 if CWIP)														
20	OHH /														
					Depreciation or			Depreciation or			Depreciation or			Depreciation	
21			Invest Yr	Ending		Revenue	Ending	Amortization	Revenue	Ending	Amortization or Reven	ue En	dina .	Amortization	Revenue
22		W 11.68 % ROE	2006												
23		W Increased ROE	2006												
24 25		W 11.68 % ROE W Increased ROE	2007												
25 26		W 11.68 % ROE	2007												
27		W Increased ROE	2008												
28		W 11.68 % ROE	2009												
29		W Increased ROE	2009				l								
30		W 11.68 % ROE W Increased ROE	2010 2010				1								
31		W Increased ROE W 11.68 % ROE	2010				1								
33		W Increased ROE	2011				1								
34		W 11.68 % ROE	2012				l								
35		W Increased ROE	2012				1								
36		W 11.68 % ROE	2013				1								
37		W Increased ROE W 11.68 % ROE	2013 2014	1.370.003		56.093	597.317		24.145	597.317	2	4.145	569.297		24.114
38 39		W Increased ROE	2014	1,370,003		56,093	597,317		24,145	597,317			569,297		24,114
40		W 11.68 % ROE	2015	7,110,556		414,795	4,018,145		249,912	4,018,145			852,871		236,839
41		W Increased ROE	2015	7,110,556		414,795	4,018,145		249,912	4,018,145			852,871		236,839
42		W 11.68 % ROE	2016	45,554,419		2,311,095	21,015,450		1,295,020	21,015,450			912,843		1,342,797
		W Increased ROE	2016	45,554,419		2,311,095	21,015,450		1,295,020	21,015,450			912,843		1,342,797
43			2017	55,639,039		5.480.161	53.134		937.564	53.134	0.2	7.564 11.1	129.698		1.228.147
44		W 11.68 % ROE													
		W 11.68 % ROE W Increased ROE W 11.68 % ROE	2017 2017 2018	55,639,039 55,639,039 13,879,908		5,480,161	53,134 53,134 84.069		937,564 8.046	53,134 80.847	93		129,698		1,228,147

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

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Flated Charge Rate (FCR) If
If not CIAC

10		Details			Linden "M" 138 kV circuit to 345 kV bstation upgrades (B2436.85) (CWIP)	Marion 345 kV and any	son "B" and "C" 345 kV circuits to associated substation upgrades 436.90) (CWIP)		2 generation to inject into the 345 kV ociated upgrades (B2436.91) (CWIP)		230 kV transformer and any associated on upgrades (B2437.10) (CWIP)
	"Yes" if a project under PJM OATT Schedule 12, otherwise										
11		Schedule 12	(Yes or No)	Yes		Yes		Yes		Yes	
12		Life		42		42		42		42	
	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29,										
13	Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No		No		No		No	
14		Increased ROE (Basis I	Points)	0		0		0		0	
15		11.68% ROE		9.57%		9.57%		9.57%		9.57%	
16	Line 14 plus (line 5 times line 15)/100 Service Account 101 or 106 if not yet classified - End of year	FCR for This Project		9.57%		9.57%		9.57%		9.57%	
17		Investment		(0)		1,421,804		7,334		352,578	
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		(0)		33,852		175		8,395	
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)					13.00		13.00		13.00	
20	CWIF)										
					Depreciation or		Depreciation or		Depreciation		Depreciation or
21			Invest Yr	Ending	Amortization Revenue		Amortization Revenue	Ending	Amortization Revenue	Ending	Amortization Revenue
22		W 11.68 % ROE	2006								
23		W Increased ROE	2006								
24 25		W 11.68 % ROE W Increased ROE	2007 2007								
25 26		W 11.68 % ROE	2007								
27		W Increased ROE	2008								
25		W 11.68 % ROE	2009								
29		W Increased ROE	2009								
30		W 11.68 % ROE	2010								
31		W Increased ROE	2010					l			
32 33		W 11.68 % ROE W Increased ROE	2011					1			
33		W 11.68 % ROE	2011					1			
35		W Increased ROE	2012					1			
36		W 11.68 % ROE	2013					1			
37		W Increased ROE	2013					1			
35		W 11.68 % ROE	2014	569,297	24,114	1,581,597	63,898	1,286,903	48,434	4,799,334	220,160
39		W Increased ROE	2014	569,297	24,114	1,581,597	63,898	1,286,903	48,434	4,799,334	220,160
40		W 11.68 % ROE	2015	3,852,871	236,839	14,750,089	849,382	13,603,685	780,003	20,855,739	1,506,352
41		W Increased ROE	2015	3,852,871	236,839	14,750,089	849,382	13,603,685	780,003	20,855,739	1,506,352
42		W 11.68 % ROE	2016	22,912,843	1,342,797	946,989	868,195	34,036	704,952	210,981	908,856
43		W Increased ROE W 11.68 % ROE	2016 2017	22,912,843 11,129,698	1,342,797 1,228,147	946,989 2.422.164	868,195 197,896	34,036 777,902	704,952 85.840	210,981 1,212,870	908,856 130,718
44		W 11.68 % ROE W Increased ROE	2017	11,129,698	1,228,147	2,422,164	197,896	777,902	85,840 85.840	1,212,870	130,718
45 46	J.	W 11.68 % ROE	2018	(0)	_	1.421.804	136.075	7.334	702	352.578	33.744

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

Page 22 of 23

Fixed Charge Rate (FCR) if if not a CIAC

A Fixed Charge Rate (FCR) if if not a CIAC

A Fixed Charge Rate (FCR) if if not a CIAC

A Fixed Charge Rate (FCR) if if not a CIAC

Formula Line

Replace Rate (FCR) if if not a CIAC

Formula Line

Replace Rate (FCR) if if not a CIAC

Formula Line

Replace Rate (FCR) if if not a CIAC

Formula Line

Replace Rate (FCR) if if not a CIAC

FOR If a CIAC

FOR If a CIAC

FOR If a CIAC

FOR If a CIAC

The First Carrying Charge without Depreciation 9.657%

The FCR resulting from Formula in a given year is used for that year only.

Therefore a Cian revenues collected in a year do not charge beard on cost dist for subsequent years.

Per FERC Coder distol Documents (2), 2011 in Docket Not EST129%, the NoE for the Nutroelected Cian Reliability Project is 11.97%, which is revenued by the control of the Cian Reliability Project is 11.97%, which is revenued by the control of the Cian Reliability Project is 11.97%, which is revenued by the control of the Cian Reliability Project is 11.97%, which is revenued by the control of the Cian Reliability Project is 11.97%, which is revenued by the control of the Cian Reliability Project is 11.97%, which is revenued by the control of the Cian Reliability Project is 11.97%, which is revenued by the control of the Cian Reliability Project is 11.97%, which is revenued by the control of the Cian Reliability Project is 11.97%, which is revenued by the control of the Cian Reliability Project is 11.97%, which is replaced the Cian Reliability Project is 11.97%, which is reliable to the Cian Reliability Project is 11.97%, which is reliable to the Cian Reliability Project is 11.97%, which is reliable to the Cian Reliability Project is 11.97%, which is reliable to the Project is the Cian Reliability Project is 11.97%, which is the Cian Reliability Pro

10		Details		New Bergen 345 associated substa	/138 kV transforme tion upgrades (B24			345/138 kV transfo station upgrades (			5/138 kV transformer #2 and any ation upgrades (B2437.21) (CWIP)		30 kV transformer and any associated nupgrades (B2437.30) (CWIP)
	"Yes" if a project under PJM OATT Schedule 12, otherwise												
11	"No"	Schedule 12	(Yes or No)	Yes			Yes			Yes		Yes	
12	Useful life of the project	Life		42			42			42		42	
	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29,												
13	Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No			No			No		No	
14	ROE	Increased ROE (Basis F	Points)	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		9.57%			9.57%			9.57%		9.57%	
	Line 14 plus (line 5 times line												
16	15)/100 Service Account 101 or 106 if not vet classified - End of year	FCR for This Project		9.57%			9.57%			9.57%		9.57%	
17	balance	Investment		352,578	в		7,678			7,678		1,673,479	
		Annual Depreciation											
18	Line 17 divided by line 12 Months in service for	or Amort Exp		8,395			183			183		39,845	
19	depreciation expense from			13.00			13.00			13.00		13.00	
20	Year placed in Service (0 if CWIP)												
	,												
					Depreciation or			Depreciation or			Depreciation or		Depreciation or
21			Invest Yr	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization Revenue	Ending	Amortization Revenue
22		W 11.68 % ROE W Increased ROE	2006 2006										
23		W 11.68 % ROE	2006										
25		W Increased ROE	2007										
26		W 11.68 % ROE	2008										
27		W Increased ROE	2008										
25		W 11.68 % ROE W Increased ROE	2009 2009										
29		W 11.68 % ROE	2009										
30		W Increased ROE	2010	l			l					1	
32		W 11 68 % ROF	2010										
33		W Increased ROE	2011	1								l	
34		W 11.68 % ROE	2012	1								l	
35		W Increased ROE	2012	1								l	
35		W 11.68 % ROE	2013	1								l	
37		W Increased ROE W 11.68 % ROE	2013 2014	5.002.105		223.171	123,509		4.946	124.051	4.952	337.481	13.854
35		W 11.68 % ROE W Increased ROE	2014	5,002,105		223,171	123,509		4,946	124,051	4,952 4,952	337,481	13,854
40		W 11.68 % ROE	2014	21.058.511		1.530.122	2.601.853		148.281	2.602.395	148.345	2.972.226	101.157
41		W Increased ROE	2015	21.058.511		1.530.122	2.601.853		148,281	2.602.395	148.345	2.972.226	101.157
42		W 11.68 % ROE	2016	96,330		915,296	9,752,687		597,380	9,750,168	597,124	35,618,949	2,125,894
43		W Increased ROE	2016	96,330		915,296	9,752,687		597,380	9,750,168	597,124	35,618,949	2,125,894
44		W 11.68 % ROE	2017	1,241,892		133,921	4,472,474		493,532	4,472,773	493,565	15,327,955	1,691,419
45		W Increased ROE	2017	1,241,892		133,921	4,472,474		493,532	4,472,773	493,565	15,327,955	1,691,419
46		W 11.68 % ROE W Increased ROE	2018	352,578		33,744	7,678		735	7,678	735	1,673,479	160,162 160,162
47			2018	352.578		33,744	7.678		735	7.678	735	1.673.479	

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#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2018

1		New Plant Carrying Ch	narge									Page 23 of 23	
2		Fixed Charge Rate (F	-										
2		if not a CIAC											
3		A	Formula Line 152	Net Plant Carrying	Charge without Depre	eciation					9.57%		
4		B C	159		Charge per 100 Basis		withou	ut Depreciation			10.14%		
-				Line B less Line A							0.57%		
6		FCR if a CIAC											
7		D	153	Net Plant Carrying	Charge without Depre	eciation, Return	, nor i	Income Taxes			1.47%		
				The FCR resulting fr	om Formula in a given ye	ar is used for tha	it year i	only.					
				Therefore actual rev	enues collected in a year	do not change b	ased o	n cost data for subsequent	years.				
8									id Reliability Project is 11.935	6,			
9								ed by FERC to become effe 5 - Ahandoned Transmissi					
-				13 month average bu	alance from Attach 6a, ar	nd Line 19 will be	numb	er of months to be amortize	ed in year plus one.				
_													
				N	345/69 kV transform								
10		Details			tation upgrades (B24								
1	"Yes" if a project under PJM OATT Schedule 12, otherwise	l											
11	"No"	Schedule 12	(Yes or No)	Yes									
12	Useful life of the project "Yes" if the customer has paid a	Life		42									
	lumpsum payment in the amount of the investment on line 29,												
13	Otherwise "No"	CIAC	(Yes or No)	No									
14	Input the allowed increase in ROE	Increased ROE (Basis	Points)	0									
1	From line 3 above if "No" on line 13 and From line 7 above if	1											
15	"Yes" on line 13	11.68% ROE		9.57%									
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.57%									
	Service Account 101 or 106 if not yet classified - End of year	, , , , , , , , , , , , , , , , , , , ,											
17	balance	Investment		1,914,773									
		Annual Depreciation											
18	Line 17 divided by line 12 Months in service for	or Amort Exp		45,590									
19	depreciation expense from Year placed in Service (0 if			13.00									
20	CWIP)												
21			Invest Yr	Ending	Depreciation or Amortization	Revenue		Total	Incentive Charged	Revenue C	redit		
22		W 11.68 % ROE	2006				\$	4,652,471			2,471	_	
23 24		W Increased ROE W 11.68 % ROE	2006 2007				\$	4,652,471 29,476,571	\$ 4,652,471	\$ 29.47	6,571	\$	-
25		W Increased ROE	2007				\$	29,476,571	\$ 29,476,571	,		\$	-
26 27		W 11.68 % ROE W Increased ROE	2008 2008				\$	32,346,385 32,385,646	\$ 32,385,646	\$ 32,34	6,385	\$ 39	9,261
28		W 11.68 % ROE	2009				\$	51,356,608		\$ 51,35	6,608		
29 30		W Increased ROE W 11.68 % ROE	2009				\$	51,588,883 61,349,032	\$ 51,588,883	\$ 61,34	9,032	\$ 232	2,275
31		W Increased ROE	2010				\$	62,015,568	\$ 62,015,568				6,536
32 33		W 11.68 % ROE W Increased ROE	2011 2011				\$	78,438,322 79,823,709	\$ 79,823,709	\$ 78,43	8,322	\$ \$ 1,385	5,386
34		W 11.68 % ROE	2012				\$	129,728,618		\$ 129,72	8,618		
35 36		W Increased ROE W 11.68 % ROE	2012 2013				\$	131,858,773 279,708,533	\$ 131,858,773	\$ 279,70	8,533	\$ 2,130	0,155
37		W Increased ROE	2013	400.45		e e	\$	284,314,797	\$ 284,314,797			\$ 4,606	6,265
35		W 11.68 % ROE W Increased ROE	2014 2014	133,460 133,460		5,677 5.677	\$	342,977,142 349,823,024	\$ 349,823,024	\$ 342,97	7,142	\$ 6,845	5 883
40		W 11.68 % ROE	2015	258,129		20,804	\$	434,110,713		\$ 434,11	0,713		
41		W Increased ROE W 11.68 % ROE	2015 2016	258,129 2,173,541		20,804 157,609	\$	441,614,467 558,001,204	\$ 441,614,467	\$ 558,00	11 204	\$ 7,503	3,754
42		W Increased ROE	2016	2,173,541		157,609	\$	566,080,859	\$ 566,080,859	\$ 330,00	,204	\$ 8,079	9,655
44		W 11.68 % ROE	2017	14,065,098		934,008	\$	576,209,051		576,20	9,051		
45 46		W Increased ROE W 11.68 % ROE	2017 2018	14,065,098 1,914,773		934,008 183,255	\$	583,935,997 506,060,336	\$ 583,935,997	\$ 506,06	0,336	\$ 7,726	
47		W Increased ROE	2018	1,914,773		183,255	\$	511,849,690	\$ 511,849,690			\$ 5,789	9,354

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

Plant Type	PSE&G
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 Ended December 31, 2018

Required Transmission Enhancements

Upgrade ID	RTEP Baseline Project Description	Estimated/Actual Project Cost (thru 2018) *	Anticipated/Actual In- Service Date *
b0130	Replace all derated Branchburg 500/230 kv transformers	\$ 20,645,602	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	\$ 86,467,721	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	\$ 25,654,455	Nov-08
	Build a new 230 kV section from Branchburg - Flagtown and move the Flagtown -		
b0169	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	\$ 21,014,433	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	\$ 77,352,830	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	\$ 46,035,637	Dec-10
b1410-b1415	Replace Salem 500 kV breakers	\$ 15,865,267	Oct-12
b1228	230kV Lawrence Switching Station Upgrade	\$ 21,736,918	May-11
b1155	Branchburg-Middlesex Swich Rack	\$ 62,937,256	Dec-11
b1399	Aldene-Springfield Rd. Conversion	\$ 72,380,453	Dec-12
b1590	Upgrade Camden-Richmond 230kV Circuit (B1590)	\$ 11,276,183	Apr-13
b1588	Uprate EaglePoint-Gloucester 230kV Circuit	\$ 12,087,537	May-11
b2139	Build Mickleton-Gloucester Corridor Ultimate Design	\$ 19,272,633	Dec-13
b1255	Ridge Road 69kV Breaker Station	\$ 34,729,740	Jun-16
b1787	New Cox's Corner-Lumberton 230kV Circuit	\$ 32,027,160	Nov-13
b0376	Install Conemaugh 250MVAR Cap Bank (B0376)	\$ 1,108,058	Mar-16
b1589	Reconfigure Kearny- Loop in P2216 Ckt (B1589)	\$ 21,487,134	May-18
b2146	Reconfigure Brunswick Sw-New 69kVCkt-T (B2146)	\$ 146,250,715	Oct-17
b2702	350 MVAR Reactor Hopatcong 500kV (B2702)	\$ 21,301,080	Jun-18
b0489.5-b0489.15	Susquehanna Roseland Breakers(In-Service)	\$ 5,857,687	Jun-14
b0489.4	Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (Below 500 kV elements of the project) (In-Service)	\$ 40,538,248	Nov-11
	Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at		
b0489 b1156	Bushkill to Roseland (500kV and above elements of the project) (In-Service)  Burlington - Camden 230kV Conversion (In-Service)	\$ 720,620,844 \$ 356,333,540	Mar-15
b1398 - b1398.7	Mickleton-Gloucester-Camden(In-Service)	\$ 356,333,540 \$ 439,384,743	Oct-14 Jun-15
b1154	North Central Reliability (West Orange Conversion ) (In-Service)	\$ 370,006,995	Jun-15
b1304.1-b1304.4	Northeast Grid Reliability Project (In-Service)	\$ 625,390,228	Jun-15
	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated		
b2436.10	substation upgrades (B2436.10)  Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation		Jan-16
b2436.21	upgrades  Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation	\$ 68,319,997	May-16
b2436.22	upgrades	\$ 49,614,813	May-16
b2436.33	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades	\$ 162,329,270	Dec-15
b2436.34	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34)	\$ 120,922,525	Feb-18
	Construct a new North Ave - Airport 345 kV circuit and any associated substation		
b2436.50	upgrades (B2436.50)  Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway,	\$ 63,112,389	Mar-18
b2436.60	convert it to 345 kV, and any associated substation upgrades (B2436.60)	\$ 49,352,658	Dec-15
b2437.10	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	\$ 26,819,837	May-16
b2437.11	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)	\$ 26,819,837	May-16
	New Bayway 345/138 kV transformer #1 and any associated substation upgrades		•
b2437.20	(B2437.20)  New Bayway 345/138 kV transformer #2 and any associated substation upgrades	\$ 15,574,675	Dec-15
b2437.21	(B2437.21)	\$ 15,574,675	Dec-15
b2437.30	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30)	\$ 20,678,337	Jul-16
	Total	\$ 4,581,326,904	

<sup>\*</sup> May vary from original PJM Data due to updated information.

(2,487,055,047)

(2,496,957,818)

(2,504,723,516)

(2,510,628,940)

(2,514,632,535)

(2,516,659,661)

(2,516,724,255)

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

Amounts reflected in A	nnual Update Filing
2017 EOY Amount	(2,383,691,531)
2018 EOY Amount	(2,597,832,425) E

(24,900,952)

(23,470,852)

(23,044,552)

(23,177,202)

(23,569,552)

(23,121,902)

(23,576,902)

(285,393,730)

Account 282, Transmission Plant-related Liberalized Depreciation, for 2018								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
Year	Month	Projected Monthly (Increase) In ADIT - Depreciable Tax Basis	Days Outstanding During the Year	Proration Percentage	Monthly Prorated Amount	Cumulative "prorated" ADIT	Beginning & Ending ADIT Balance	
2017	Dec						(2,383,691,531) A	
2018	Jan	(23,167,070)	335	91.78%	(21,262,928)	. , , , ,		
2018	Feb	(23,640,412)	307	84.11%	(19,883,853)			
2018	Mar	(24,080,123)	276	75.62%	(18,208,531)	(2,443,046,843)		
2018	Apr	(25,252,039)	246	67.40%	(17,019,182)	(2,460,066,025)		
2018	May	(24,392,170)	215	58.90%	(14,367,991)	(2,474,434,016)		

14	Projected 2018 Liberalized Depreciation based on ADIT Proration Methodology:	(133,032,724)
15	Plus: Projected 2018 ADIT associated with Liberalized Deprecation not subject to Proration Methodology:	(81,108,169)
16	Projected 2018 EOY Federal and State Liberalized Depreciation ADIT included in the FERC Formula Filing:	(2,597,832,425) B

50.68%

42.19%

33.70%

25.48%

16.99%

8.77%

0.27%

(12,621,031)

(9,902,771)

(7,765,698)

(5,905,424)

(4,003,595)

(2,027,126)

(133,032,724)

(64,594)

Exp	lanations:

Line

1

7

8

9

10

11

12

13

2018

2018

2018

2018

2018

2018

2018

Jun

Jul

Aug

Sep

Oct

Nov

Dec

Total

Col. 8, Line 1	Represents the estimated beginning plant-related Liberalized Depreciation ADIT balance as of 1/1/2018.
Lines 2 - 13	Represents the Forecasted Rate period (e.g. 2018).
Col. 3	Represents the monthly (increase) additions to the ADIT balance associated with depreciatable 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.

185

154

123

93

62

32

1

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

Amounts reflected in Annual	Update Filing	
2017 EOY Amount	(30,864,733)	F
2018 FOY Amount	(36 267 968)	F

Account 282 Cor	nmon Plant-relate	d Liberalized D	anreciation f	or 2018

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Line	Year	Month	Projected Monthly (Increase) In ADIT - Depreciable Tax Basis	Days Outstanding During the Year	Proration	Monthly Projected Amount	Cumulative "prorated" ADIT	Beginning & Ending ADIT Balance
LINE	i cai	WOTH	DdSIS	During the Year	Percentage	Monthly Prorated Amount	Cumulative profated ADTI	Baidilloo
1	2017	Dec						(30,864,733)
2	2018	Jan	(337,186)	335	91.78%	(309,472)	(31,174,205)	
3	2018	Feb	(337,186)	307	84.11%	(283,606)	(31,457,811)	
4	2018	Mar	(337,186)	276	75.62%	(254,968)	(31,712,779)	
5	2018	Apr	(337,186)	246	67.40%	(227,254)	(31,940,033)	
6	2018	May	(337,186)	215	58.90%	(198,616)	(32,138,649)	
7	2018	Jun	(337,186)	185	50.68%	(170,903)	(32,309,552)	
8	2018	Jul	(337,186)	154	42.19%	(142,265)	(32,451,817)	
9	2018	Aug	(337,186)	123	33.70%	(113,627)	(32,565,444)	
10	2018	Sep	(337,186)	93	25.48%	(85,913)	(32,651,357)	
11	2018	Oct	(337,186)	62	16.99%	(57,275)	(32,708,632)	
12	2018	Nov	(337,186)	32	8.77%	(29,562)	(32,738,194)	
13	2018	Dec	(337,186)	1	0.27%	(924)	(32,739,118)	
		Total	(4,046,234)			(1,874,385)	- •	
14			Projected 2018 Libera	ized Depreciation	based on ADIT	Proration Methodology:		(1,874,385)
15			Plus: Projected 2018 A	ADIT associated wi	th Liberalized D	eprecation not subject to Pr	oration Methodology:	(3,528,850)
16						eciation ADIT included in the		(36,267,968)

Exp	lanations:

Col. 8, Line 1	Represents the estimated beginning plant-related Liberalized Depreciation ADIT balance as of 1/1/2018.
Lines 2 - 13	Represents the Forecasted Rate period (e.g. 2018).
Col. 3	Represents the monthly (increase) additions to the ADIT balance associated with depreciatable 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.