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

**Law Department** 

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October 15, 2018

### VIA ELECTRONIC FILING

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

Re: Public Service Electric and Gas Company

Docket No. ER09-1257-000

Informational Filing of 2019 Formula Rate Annual Update

### Dear Secretary Bose:

Pursuant to the Formula Rate Implementation Protocols ("Protocols") of Public Service Electric and Gas Company ("PSE&G") contained in Attachment H-10B of the PJM Interconnection, L.L.C. ("PJM") Open Access Transmission Tariff ("OATT"), PSE&G submits its Formula Rate Annual Update ("Annual Update") for 2019. This 2019 Annual Update sets forth PSE&G's annual transmission revenue requirement calculated in accordance with its Formula Rate for network transmission service under the PJM OATT for the period commencing January 1, 2019 to and including December 31, 2019. The 2019 Annual Update also includes a True-up Adjustment for the 2017 Rate Year (January 1, 2017 to and including December 31, 2017).

In accordance with the Protocols, this submission is provided to the Federal Energy Regulatory Commission ("Commission") for informational purposes only and requires no action by the Commission. As required by the Protocols, PSE&G is also providing a copy of this filing to PJM for posting on the PJM website. Exhibit 1 of this filing includes a copy of PSE&G's 2019 Annual Update. Consistent with the Commission Staff's Guidance on Formula Rate Updates, PSE&G is submitting the formula rate template and additional exhibits in Microsoft Excel format.

In addition to PSE&G's 2019 Annual Update formula rate template, PSE&G also submits Workpaper 1, which contains additional supporting information pursuant to Commission Staff's Guidance on Formula Rate Updates for the computation of accumulated deferred income taxes ("ADIT").

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 1 of 54

ICHMENT H-10A			
ula Rate Appendix A	Notes	FERC Form 1 Page # or Instruction	12 Months End 12/31/2019
ed cells are input cells	Hotes	mon donon	12/01/2010
ators			
Wages & Salary Allocation Factor			
Transmission Wages Expense	(Note O)	Attachment 5	33,000
Total Wages Expense	(Note O)	Attachment 5	207,904
Less A&G Wages Expense Total Wages Less A&G Wages Expense	(Note O)	Attachment 5 (Line 2 - Line 3)	7,90 <sup>2</sup> 200,000
		,	•
Wages & Salary Allocator		(Line 1 / Line 4)	16.50
Plant Allocation Factors			
Electric Plant in Service	(Note B)	Attachment 5	22,375,39
Common Plant in Service - Electric		(Line 22)	228,21
Total Plant in Service		(Line 6 + 7)	22,603,61
Accumulated Depreciation (Total Electric Plant)	(Note B & J)	Attachment 5	4,054,24
Accumulated Intangible Amortization - Electric	(Note B)	Attachment 5	6,20
Accumulated Common Plant Depreciation & Amortization - Electric	(Note B & J)	Attachment 5	43,58
Accumulated Common Amortization - Electric	(Note B)	Attachment 5	53,59
Total Accumulated Depreciation		(Line 9 + Line 10 + Line 11 + Line 12)	4,157,63
Net Plant		(Line 8 - Line 13)	18,445,97
Transmission Gross Plant		(Line 31)	12,356,29
Gross Plant Allocator		(Line 15 / Line 8)	54.6
Transmission Net Plant		(Line 43)	11,166,34
Net Plant Allocator		(Line 17 / Line 14)	60.53
Plant In Service			
Transmission Plant In Service		A.C. 1	
	(Note B)	Attachment 5	12,258,56
General	(Note B)	Attachment 5	331,40
General Intangible - Electric	(Note B)	Attachment 5 Attachment 5	331,40 11,45
General Intangible - Electric Common Plant - Electric	(Note B)	Attachment 5 Attachment 5 Attachment 5	331,40 11,45 228,21
General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant	(Note B) (Note B) (Note B)	Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22)	331,40 11,45 228,21 571,07
General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 Communications	(Note B) (Note B) (Note B)	Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5	331,40 11,45 228,21 571,07 18,70
General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 Communications Less: Common Plant Account 397 Communications	(Note B) (Note B) (Note B)	Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5	331,40 11,45 228,21 571,07 18,70 29,20
General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 Communications Less: Common Plant Account 397 Communications General and Intangible Excluding Acct. 397	(Note B) (Note B) (Note B)	Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25)	331,40 11,45 228,21 571,07 18,70 29,20 523,16
General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 Communications Less: Common Plant Account 397 Communications General and Intangible Excluding Acct. 397 Wage & Salary Allocator	(Note B) (Note B) (Note B)	Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 5)	331,40 11,45 228,21 571,07 18,70 29,20 523,16
General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 Communications Less: Common Plant Account 397 Communications General and Intangible Excluding Acct. 397 Wage & Salary Allocator General and Intangible Plant Allocated to Transmission	(Note B) (Note B) (Note B) (Note B) (Note B)	Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 26 * Line 27)	331,40 11,45 228,21 571,07 18,70 29,20 523,16 16.5
General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 Communications Less: Common Plant Account 397 Communications General and Intangible Excluding Acct. 397 Wage & Salary Allocator	(Note B) (Note B) (Note B)	Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 5)	331,40 11,45 228,21 571,07 18,70 29,20 523,16 16.5 86,32 11,40
General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 Communications Less: Common Plant Account 397 Communications General and Intangible Excluding Acct. 397 Wage & Salary Allocator General and Intangible Plant Allocated to Transmission Account No. 397 Directly Assigned to Transmission	(Note B) (Note B) (Note B) (Note B) (Note B)	Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 5) (Line 26 * Line 27) Attachment 5	331,40 11,45 228,21 571,07 18,70 29,20 523,16 16.5 86,32 11,40
General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 Communications Less: Common Plant Account 397 Communications General and Intangible Excluding Acct. 397 Wage & Salary Allocator General and Intangible Plant Allocated to Transmission Account No. 397 Directly Assigned to Transmission Total General and Intangible Functionalized to Transmission	(Note B) (Note B) (Note B) (Note B) (Note B)	Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 26 * Line 27) Attachment 5 (Line 28 + Line 29)	331,40 11,45 228,21 571,07 18,70 29,20 523,16 16.5 86,32 11,40
General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 Communications Less: Common Plant Account 397 Communications General and Intangible Excluding Acct. 397 Wage & Salary Allocator General and Intangible Plant Allocated to Transmission Account No. 397 Directly Assigned to Transmission Total General and Intangible Functionalized to Transmission	(Note B) (Note B) (Note B) (Note B) (Note B)	Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 26 * Line 27) Attachment 5 (Line 28 + Line 29)	331,40 11,45 228,21 571,07 18,70 29,20 523,16 16.5 86,32 11,40 97,73
General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 Communications Less: Common Plant Account 397 Communications General and Intangible Excluding Acct. 397 Wage & Salary Allocator General and Intangible Plant Allocated to Transmission Account No. 397 Directly Assigned to Transmission Total General and Intangible Functionalized to Transmission  Total Plant In Rate Base  Accumulated Depreciation	(Note B) (Note B) (Note B) (Note B) (Note B)	Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 5) (Line 26 * Line 27) Attachment 5 (Line 28 + Line 29) (Line 19 + Line 30)	331,40 11,45 228,21 571,07 18,70 29,20 523,16 16,55 86,32 11,40 97,73 12,356,29
General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 Communications Less: Common Plant Account 397 Communications General and Intangible Excluding Acct. 397 Wage & Salary Allocator General and Intangible Plant Allocated to Transmission Account No. 397 Directly Assigned to Transmission Total General and Intangible Functionalized to Transmission  Total Plant In Rate Base  Accumulated Depreciation  Transmission Accumulated Depreciation Accumulated General Depreciation Accumulated Common Plant Depreciation - Electric	(Note B) (Note B) (Note B) (Note B) (Note B) (Note B)	Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 (Line 33 - Line 24 - Line 25) (Line 63) (Line 26 * Line 27) Attachment 5 (Line 28 + Line 29) (Line 19 + Line 30)	12,258,56  331,40 11,45 228,21: 571,07: 18,70 29,20 523,16 16,55: 86,32 11,40 97,73  12,356,29:  1,136,18: 171,88 97,17:
General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 Communications Less: Common Plant Account 397 Communications General and Intangible Excluding Acct. 397 Wage & Salary Allocator General and Intangible Plant Allocated to Transmission Account No. 397 Directly Assigned to Transmission Total General and Intangible Functionalized to Transmission  Total Plant In Rate Base  Accumulated Depreciation  Transmission Accumulated Depreciation Accumulated General Depreciation Accumulated General Depreciation - Electric Less: Amount of General Depreciation Associated with Acct. 397	(Note B) (Note B) (Note B) (Note B) (Note B) (Note B)	Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 (Line 33 - Line 24 - Line 25) (Line 26 * Line 27) Attachment 5 (Line 28 + Line 29) (Line 19 + Line 30)  Attachment 5	331,40 11,45 228,21 571,07 18,70 29,20 523,16 16,55 86,32 11,40 97,73 12,356,29
General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 Communications Less: Common Plant Account 397 Communications General and Intangible Excluding Acct. 397 Wage & Salary Allocator General and Intangible Plant Allocated to Transmission Account No. 397 Directly Assigned to Transmission Total General and Intangible Functionalized to Transmission  Total Plant In Rate Base  Accumulated Depreciation  Transmission Accumulated Depreciation Accumulated Common Plant Depreciation - Electric Less: Amount of General Depreciation Associated with Acct. 397 Balance of Accumulated General Depreciation	(Note B) (Note B) (Note B) (Note B) (Note B) (Note B) (Note B & J)	Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 26 * Line 27) Attachment 5 (Line 28 + Line 29) (Line 19 + Line 30)  Attachment 5 (Line 33 + Line 34 - Line 35)	331,40 11,45 228,21 571,07 18,70 29,20 523,16 16.5: 86,32 11,40 97,73 12,356,29  1,136,18 171,88 97,17 23,35
General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 Communications Less: Common Plant Account 397 Communications General and Intangible Excluding Acct. 397 Wage & Salary Allocator General and Intangible Plant Allocated to Transmission Account No. 397 Directly Assigned to Transmission Total General and Intangible Functionalized to Transmission  Total Plant In Rate Base  Accumulated Depreciation  Transmission Accumulated Depreciation Accumulated General Depreciation Accumulated Common Plant Depreciation - Electric Less: Amount of General Depreciation - Sasociated with Acct. 397 Balance of Accumulated General Depreciation Accumulated Intangible Amortization - Electric	(Note B) (Note B) (Note B) (Note B) (Note B) (Note B)	Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 26 * Line 27) Attachment 5 (Line 28 + Line 29) (Line 19 + Line 30)  Attachment 5 (Line 33 + Line 34 - Line 35) (Line 31 + Line 34 - Line 35) (Line 10)	331,40 11,45 228,21 571,07 18,70 29,20 523,16 16,5 86,32 11,40 97,73 12,356,29  1,136,18 171,88 97,17 23,35 245,70 6,20
General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 Communications Less: Common Plant Account 397 Communications General and Intangible Excluding Acct. 397 Wage & Salary Allocator General and Intangible Plant Allocated to Transmission Account No. 397 Directly Assigned to Transmission Total General and Intangible Functionalized to Transmission  Total Plant In Rate Base  Accumulated Depreciation  Transmission Accumulated Depreciation  Accumulated General Depreciation - Electric Less: Amount of General Depreciation Associated with Acct. 397 Balance of Accumulated General Depreciation Accumulated Intangible Amortization - Electric Accumulated Intangible Amortization - Electric Accumulated General and Intangible Depreciation Ex. Acct. 397	(Note B) (Note B) (Note B) (Note B) (Note B) (Note B) (Note B & J)	Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 35) (Line 26 * Line 27) Attachment 5 (Line 28 + Line 29) (Line 19 + Line 30)  Attachment 5 (Line 33 + Line 34 - Line 35) (Line 10) (Line 36 + 37)	331,40 11,45 228,21 571,07 18,70 29,20 523,16 16,55 86,32 11,40 97,73 12,356,29  1,136,18 171,88 97,17 23,35 245,70 6,20 25,191
General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 Communications Less: Common Plant Account 397 Communications General and Intangible Excluding Acct. 397 Wage & Salary Allocator General and Intangible Plant Allocated to Transmission Account No. 397 Directly Assigned to Transmission Total General and Intangible Functionalized to Transmission  Total Plant In Rate Base  Accumulated Depreciation  Transmission Accumulated Depreciation Accumulated Common Plant Depreciation - Electric Less: Amount of General Depreciation Associated with Acct. 397 Balance of Accumulated General Depreciation Accumulated Intangible Amortization - Electric Accumulated General and Intangible Depreciation Ex. Acct. 397 Wage & Salary Allocator	(Note B) (Note B) (Note B) (Note B) (Note B) (Note B) (Note B & J)	Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 26 * Line 27) Attachment 5 (Line 28 + Line 29) (Line 19 + Line 30)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 33 + Line 34 - Line 35) (Line 10) (Line 36 + 37) (Line 5)	331,40 11,45 228,21 571,07 18,70 29,20 523,16 16.5: 86,32 11,40 97,73 12,356,29  1,136,18 171,88 97,17 23,35 245,70 6,20 251,91 16.5:
General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 Communications Less: Common Plant Account 397 Communications General and Intangible Excluding Acct. 397 Wage & Salary Allocator General and Intangible Plant Allocated to Transmission Account No. 397 Directly Assigned to Transmission Total General and Intangible Functionalized to Transmission  Total Plant In Rate Base  Accumulated Depreciation  Transmission Accumulated Depreciation Accumulated General Depreciation - Electric Less: Amount of General Depreciation - Electric Less: Amount of General Depreciation - Electric Accumulated Intangible Amortization - Electric Accumulated General and Intangible Depreciation Ex. Acct. 397 Wage & Salary Allocator Subtotal General and Intangible Accum. Depreciation Allocated to Transmission	(Note B) (Note B & J)	Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 65) (Line 26 * Line 27) Attachment 5 (Line 28 + Line 29) (Line 19 + Line 30)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 33 + Line 34 - Line 35) (Line 36 + 37) (Line 5) (Line 5) (Line 5) (Line 5) (Line 5) (Line 38 * Line 39)	331,40 11,45 228,21 571,07 18,70 29,20 523,16 16.5 86,32 11,40 97,73 12,356,29  1,136,18 171,88 97,17 23,35 245,70 6,20 251,91 16.5
General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 Communications Less: Common Plant Account 397 Communications General and Intangible Excluding Acct. 397 Wage & Salary Allocator General and Intangible Plant Allocated to Transmission Account No. 397 Directly Assigned to Transmission Total General and Intangible Functionalized to Transmission  Total Plant In Rate Base  Accumulated Depreciation  Transmission Accumulated Depreciation Accumulated Common Plant Depreciation - Electric Less: Amount of General Depreciation Associated with Acct. 397 Balance of Accumulated General Depreciation Accumulated Intangible Amortization - Electric Accumulated General and Intangible Depreciation Ex. Acct. 397 Wage & Salary Allocator	(Note B) (Note B) (Note B) (Note B) (Note B) (Note B) (Note B & J)	Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 26 * Line 27) Attachment 5 (Line 28 + Line 29) (Line 19 + Line 30)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 33 + Line 34 - Line 35) (Line 10) (Line 36 + 37) (Line 5)	331,40 11,45 228,21: 571,07 18,70 29,20 523,16 16,50 86,32 11,40 97,73 12,356,29
General Intangible - Electric Common Plant - Electric Total General, Intangible & Common Plant Less: General Plant Account 397 Communications Less: Common Plant Account 397 Communications General and Intangible Excluding Acct. 397 Wage & Salary Allocator General and Intangible Plant Allocated to Transmission Account No. 397 Directly Assigned to Transmission Total General and Intangible Functionalized to Transmission  Total Plant In Rate Base  Accumulated Depreciation  Transmission Accumulated Depreciation Accumulated General Depreciation - Electric Less: Amount of General Depreciation - Electric Less: Amount of General Depreciation - Electric Accumulated Intangible Amortization - Electric Accumulated General and Intangible Depreciation Ex. Acct. 397 Wage & Salary Allocator Subtotal General and Intangible Accum. Depreciation Allocated to Transmission	(Note B) (Note B & J)	Attachment 5 Attachment 5 Attachment 5 (Line 20 + Line 21 + Line 22) Attachment 5 Attachment 5 (Line 23 - Line 24 - Line 25) (Line 65) (Line 26 * Line 27) Attachment 5 (Line 28 + Line 29) (Line 19 + Line 30)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 33 + Line 34 - Line 35) (Line 36 + 37) (Line 5) (Line 5) (Line 5) (Line 5) (Line 5) (Line 38 * Line 39)	331,40 311,45 228,21 571,07 29,20 523,16 16.5. 86,32 11,40 97,73 12,356,29  1,136,18 171,88 97,17 23,35 245,70 6,22 251,91 16.5

Exhibit 1 2 of 54

Publi	c Service Electric and Gas Company			
ATTA	ACHMENT H-10A			
			FERC Form 1 Page # or	12 Months Ended
Form	ula Rate Appendix A	Notes	Instruction	12/31/2019
	ed cells are input cells		·	<u> </u>
Adjus	stment To Rate Base			
44	Accumulated Deferred Income Taxes ADIT net of FASB 106 and 109	(Note Q)	Attachment 1	-2,644,123,357
45	CWIP for Incentive Transmission Projects CWIP Balances for Current Rate Year	(Note B & H)	Attachment 6	0
45a	Abandoned Transmission Projects Unamortized Abandoned Transmission Projects	(Note R)	Attachment 5	0
46	Plant Held for Future Use	(Note C & Q)	Attachment 5	21,553,978
47	Prepayments Prepayments	(Note A & Q)	Attachment 5	277,073
	Materials and Supplies	(**************************************		,
48 49	Undistributed Stores Expense Wage & Salary Allocator	(Note Q)	Attachment 5 (Line 5)	0 16.5000%
50	Total Undistributed Stores Expense Allocated to Transmission		(Line 48 * Line 49)	0
51	Transmission Materials & Supplies	(Note N & Q))	Attachment 5	29,539,555
52	Total Materials & Supplies Allocated to Transmission		(Line 50 + Line 51)	29,539,555
	Cash Working Capital			
53	Operation & Maintenance Expense		(Line 80)	129,886,619
54	1/8th Rule		1/8	12.5%
55	Total Cash Working Capital Allocated to Transmission		(Line 53 * Line 54)	16,235,827
56	Network Credits Outstanding Network Credits	(Note N & Q))	Attachment 5	0
57	Total Adjustment to Rate Base		(Lines 44 + 45 + 45a + 46 + 47 + 52 + 5	5 - 56) (2,576,516,923)
58	Rate Base		(Line 43 + Line 57)	8,589,825,215
			,	.,,
Oper	ations & Maintenance Expense			
	Transmission O&M			
59	Transmission O&M	(Note O)	Attachment 5	110,528,262
60	Plus Transmission Lease Payments	(Note O)	Attachment 5	0
61	Transmission O&M		(Lines 59 + 60)	110,528,262
	Allocated Administrative & General Expenses			
62	Total A&G	(Note O)	Attachment 5	116,449,462
63	Plus: Actual PBOP expense	(Note J)	Attachment 5	32,322,615
64 65	Less: Actual PBOP expense Less Property Insurance Account 924	(Note O) (Note O)	Attachment 5 Attachment 5	32,322,615 3,877,140
66	Less Regulatory Commission Exp Account 928	(Note E & O)	Attachment 5	10,559,683
67	Less General Advertising Exp Account 930.1	(Note O)	Attachment 5	3,492,891
68	Less EPRI Dues	(Note D & O)	Attachment 5	0, 102,001
69	Administrative & General Expenses	(	Sum (Lines 62 to 63) - Sum (Lines 64 to	68) 98,519,749
70	Wage & Salary Allocator		(Line 5)	16.5000%
71	Administrative & General Expenses Allocated to Transmission		(Line 69 * Line 70)	16,255,759
	Directly Assigned A&G			
72	Regulatory Commission Exp Account 928	(Note G & O)	Attachment 5	755,558
73 74	General Advertising Exp Account 930.1 Subtotal - Accounts 928 and 930.1 - Transmission Related	(Note K & O)	Attachment 5 (Line 72 + Line 73)	0 755,558
75	Property Insurance Account 924		(Line 65)	3,877,140
76	General Advertising Exp Account 930.1	(Note F & O)	Attachment 5	0
77	Total Accounts 928 and 930.1 - General		(Line 75 + Line 76)	3,877,140
78 79	Net Plant Allocator  A&G Directly Assigned to Transmission		(Line 18) (Line 77 * Line 78)	60.5354% <b>2,347,041</b>
				<u> </u>
80	Total Transmission O&M		(Lines 61 + 71 + 74 + 79)	129,886,619

Exhibit 1 3 of 54

TTACH	rvice Electric and Gas Company				
ПАСП	MENT H-10A				
				FERC Form 1 Page # or	12 Months Ende
	Rate Appendix A		Notes	Instruction	12/31/2019
	ells are input cells				
eprecia	ion & Amortization Expense				
	preciation Expense	of Limited Torm Plant	(Note J & O)	Attachment 5	291,319,2
	Fransmission Depreciation Expense Including Amortization  Amortization of Abandoned Plant Projects	or Limited Term Plant	(Note J & O) (Note R)	Attachment 5 Attachment 5	291,319,
	General Depreciation Expense Including Amortization of Li	mited Term Plant	(Note J & O)	Attachment 5	28,572,4
	ess: Amount of General Depreciation Expense Associated		(Note J & O)	Attachment 5	4,771,
	Balance of General Depreciation Expense			(Line 82 - Line 83)	23,800,7
	ntangible Amortization		(Note A & O)	Attachment 5	11,230,0
	Fotal Wage & Salary Allocator			(Line 84 + Line 85) (Line 5)	35,030,7 16.5
	General Depreciation & Intangible Amortization Allocated to	Transmission		(Line 8) (Line 87)	5,780,0
	General Depreciation Expense for Acct. 397 Directly Assig		(Note J & O)	Attachment 5	1,132,3
	General Depreciation and Intangible Amortization Fun		,	(Line 88 + Line 89)	6,912,4
91 <b>To</b>	al Transmission Depreciation & Amortization			(Lines 81 + 81a + 90)	298,231,7
axes Of	her than Income Taxes				
92 Ta	tes Other than Income Taxes		(Note O)	Attachment 2	10,899,9
3 <b>To</b>	al Taxes Other than Income Taxes			(Line 92)	10,899,
turn \	Capitalization Calculations				
	•			447.00	200 000
94 <b>Lo</b>	ng Term Interest			p117.62.c through 67.c	320,692,8
os <b>B</b> .	Constant			440.00 1	
95 <b>P</b> ro	ferred Dividends		enter positive	p118.29.d	
Co	mmon Stock		•	·	
<b>Co</b>	mmon Stock Proprietary Capital	nt 219	(Note P)	Attachment 5	9,339,162,1
<b>Co</b> 96 97	mmon Stock Proprietary Capital Less Accumulated Other Comprehensive Income Accou	nt 219	•	Attachment 5 Attachment 5	9,339,162,
<b>Co</b> 96 97	mmon Stock Proprietary Capital	nt 219	(Note P)	Attachment 5	9,339,162, 657,0
<b>Co</b> 96 97 98	mmon Stock Proprietary Capital Less Accumulated Other Comprehensive Income Accou Less Preferred Stock	nt 219	(Note P) (Note P)	Attachment 5 Attachment 5 (Line 106)	9,339,162, 657,9 1,805,
96 97 98 99 100	mmon Stock Proprietary Capital Less Accumulated Other Comprehensive Income Accou Less Preferred Stock Less Account 216.1 Common Stock pitalization	nt 219	(Note P) (Note P) (Note P)	Attachment 5 Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)	9,339,162, 657,5 1,805, 9,336,699,0
Co 96 97 98 99 100 Ca	mmon Stock Proprietary Capital Less Accumulated Other Comprehensive Income Accou Less Preferred Stock Less Account 216.1 Common Stock  oitalization .ong Term Debt	nt 219	(Note P) (Note P) (Note P)	Attachment 5 Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99) Attachment 5	9,339,162,1 657,5 1,805,1 9,336,699,0 8,250,250,5
Co 96 97 98 99 100 Ca	mmon Stock Proprietary Capital Less Accumulated Other Comprehensive Income Accou Less Preferred Stock Less Account 216.1 Common Stock bitalization Long Term Debt Less Loss on Reacquired Debt	nt 219	(Note P) (Note P) (Note P) (Note P) (Note P)	Attachment 5 Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5	9,339,162,1 657,5 1,805,1 9,336,699,0 8,250,250,5
96 97 98 99 100	mmon Stock Proprietary Capital Less Accumulated Other Comprehensive Income Accou Less Preferred Stock Less Account 216.1 Common Stock  oitalization .ong Term Debt	nt 219	(Note P) (Note P) (Note P)	Attachment 5 Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99) Attachment 5	9,339,162,1 657,5 1,805,1 9,336,699,0 8,250,250,5 57,960,8
Co 96 97 98 99 000 Ca 101 102 103 104 105	mmon Stock Proprietary Capital Less Accumulated Other Comprehensive Income Accou Less Preferred Stock Less Account 216.1 Common Stock Ditalization Long Term Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss Total Long Term Debt	nt 219	(Note P) (Note P)  (Note P)  (Note P) (Note P) (Note P) (Note P) (Note P)	Attachment 5 Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104)	9,339,162,1 657,5 1,805,1 9,336,699,0 8,250,250,5 57,960,8
Co 96 97 98 99 00 Ca 01 02 03 04 05 06	mmon Stock Proprietary Capital Less Accumulated Other Comprehensive Income Accou Less Preferred Stock Less Account 216.1 Common Stock  Ditalization Long Term Debt Less Loss on Reacquired Debt Less ADIT associated with Gain or Loss Total Long Term Debt Preferred Stock	nt 219	(Note P)	Attachment 5 Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104 ) Attachment 5	9,339,162, 657, 1,805, 9,336,699, 8,250,250, 57,960, 14,425, 8,177,864,
Co 96 97 98 99 00 Ca 01 02 03 04 05 06 07	mmon Stock Proprietary Capital Less Accumulated Other Comprehensive Income Accou Less Preferred Stock Less Account 216.1 Common Stock Ditalization Long Term Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss Total Long Term Debt	nt 219	(Note P) (Note P)  (Note P)  (Note P) (Note P) (Note P) (Note P) (Note P)	Attachment 5 Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104)	9,339,162, 657,5 1,805, 9,336,699,0 8,250,250, 57,960,6 14,425, 8,177,864,6
Co 96 97 98 99 00 Ca 01 02 03 04 05 06 07 08	mmon Stock Proprietary Capital Less Accumulated Other Comprehensive Income Accou Less Preferred Stock Less Account 216.1 Common Stock  oitalization .ong Term Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss Total Long Term Debt Preferred Stock Common Stock Total Capitalization Debt %  Total	Long Term Debt	(Note P) (Note P)  (Note P)  (Note P) (Note P) (Note P) (Note P) (Note P)	Attachment 5 Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104 ) Attachment 5 (Line 100) (Sum Lines 105 to 107) (Line 105 / Line 108)	9,339,162, 657, 1,805, 9,336,699, 8,250,250, 57,960, 14,425, 8,177,864, 9,336,699, 17,514,563,
Co 96 97 98 99 90 00 Ca 01 02 03 04 05 06 07 08 99 10	mmon Stock Proprietary Capital Less Accumulated Other Comprehensive Income Accou Less Preferred Stock Less Account 216.1 Common Stock  Ditalization Less Loss on Reacquired Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss  Total Long Term Debt Treferred Stock Common Stock  Total Capitalization  Debt % Total Preferred %	Long Term Debt rred Stock	(Note P) (Note P)  (Note P)  (Note P) (Note P) (Note P) (Note P) (Note P)	Attachment 5 Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104 ) Attachment 5 (Line 100) (Sum Lines 105 to 107)  (Line 105 / Line 108) (Line 106 / Line 108)	9,339,162, 657; 1,805, 9,336,699, 8,250,250, 57,960, 14,425, 8,177,864, 9,336,699, 17,514,563,
Co 96 97 98 99 90 00 Ca 01 02 03 04 05 06 07 08 99 10	mmon Stock Proprietary Capital Less Accumulated Other Comprehensive Income Accou Less Preferred Stock Less Account 216.1 Common Stock  Ditalization Less Loss on Reacquired Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss  Total Long Term Debt Treferred Stock Common Stock  Total Capitalization  Debt % Total Preferred %	Long Term Debt	(Note P) (Note P)  (Note P)  (Note P) (Note P) (Note P) (Note P) (Note P)	Attachment 5 Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104 ) Attachment 5 (Line 100) (Sum Lines 105 to 107) (Line 105 / Line 108)	9,339,162, 657, 1,805, 9,336,699, 8,250,250, 57,960, 14,425, 8,177,864, 9,336,699, 17,514,563, 46,6
Co 96 97 98 99 90 00 Ca 01 02 03 04 05 06 07 08 09 10 11	mmon Stock Proprietary Capital Less Accumulated Other Comprehensive Income Accou Less Preferred Stock Less Account 216.1 Common Stock  Ditalization Less Loss on Reacquired Debt Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Less ADT associated with Gain or Loss  Total Long Term Debt  Outper of Capitalization  Debt % Total Preferred % Common Stock  Common %  Debt Cost  Total  Debt Cost  Total	Long Term Debt rred Stock mon Stock Long Term Debt	(Note P) (Note P)  (Note P)  (Note P) (Note P) (Note P) (Note P) (Note P)	Attachment 5 Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104 ) Attachment 5 (Line 100) (Sum Lines 105 to 107)  (Line 105 / Line 108) (Line 106 / Line 108)	9,339,162, 657,: 1,805, 9,336,699,( 8,250,250,) 57,960,( 14,425,: 8,177,864,( 9,336,699,( 17,514,563,( 46.6 0.0
Co 077 088 099 000 Ca 01 002 003 004 005 006 007 009 110 111	mmon Stock Proprietary Capital Less Accumulated Other Comprehensive Income Accountess Preferred Stock Less Accumulated. Less Loss on Reacquired Debt Less ADIT associated with Gain or Loss Total Long Term Debt Tereferred Stock Lommon Stock Total Capitalization Lebt % Total Preferred % Prefercommon % Lebt Common % Lebt Cost Less Accumulated Tereferred Stock Less Accumulated Less Less Less Less Less Less Less Le	Long Term Debt rred Stock mon Stock Long Term Debt rred Stock	(Note P)	Attachment 5 Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104 ) Attachment 5 (Line 100) (Sum Lines 105 to 107) (Line 105 / Line 108) (Line 106 / Line 108) (Line 94 / Line 105) (Line 95 / Line 106)	9,339,162, 657, 1,805, 9,336,699, 8,250,250, 57,960, 14,425, 8,177,864, 9,336,699, 17,514,563, 46,6 0,0 53,3
Co 066 077 188 199 000 Ca 05 004 005 006 007 009 110 111	mmon Stock Proprietary Capital Less Accumulated Other Comprehensive Income Accountess Preferred Stock Less Accumulated. Less Loss on Reacquired Debt Less ADIT associated with Gain or Loss Total Long Term Debt Tereferred Stock Lommon Stock Total Capitalization Lebt % Total Preferred % Prefercommon % Lebt Common % Lebt Cost Less Accumulated Tereferred Stock Less Accumulated Less Less Less Less Less Less Less Le	Long Term Debt rred Stock mon Stock Long Term Debt	(Note P) (Note P)  (Note P)  (Note P) (Note P) (Note P) (Note P) (Note P)	Attachment 5 Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104 ) Attachment 5 (Line 100) (Sum Lines 105 to 107)  (Line 105 / Line 108) (Line 106 / Line 108) (Line 107 / Line 108) (Line 94 / Line 105)	9,339,162, 657, 1,805, 9,336,699, 8,250,250, 57,960, 14,425, 8,177,864, 9,336,699, 17,514,563, 46,6 0,0 53,3
Co 066977 988999000 Ca 010000000000000000000000000000000	mmon Stock Proprietary Capital Less Accumulated Other Comprehensive Income Accountess Preferred Stock Less Accumulated. Less Accumulated. Less Accumulated.  Common Stock  Ditalization Less Loss on Reacquired Debt Less Loss on Reacquired Debt Less ADIT associated with Gain or Loss  Total Long Term Debt Preferred Stock Common Stock  Common Stock  Total Capitalization  Debt % Total Preferred % Prefer Common %  Debt Cost  Preferred Cost Common Cost  Total  Debt Cost  Common Cost  Total  Debt Cost  Common Cost  Total  Debt Cost  Total  Debt Cost  Total  Debt Cost  Total  Debt Cost  Total  Tereferred Cost  Common Cost  Weighted Cost of Debt  Total	Long Term Debt rrred Stock non Stock Long Term Debt rred Stock mon Stock Long Term Debt	(Note P)	Attachment 5 Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104 ) Attachment 5 (Line 100) (Sum Lines 105 to 107) (Line 105 / Line 108) (Line 106 / Line 108) (Line 107 / Line 108) (Line 94 / Line 105) (Line 95 / Line 106) Fixed  (Line 109 * Line 112)	9,339,162,1 657,5 1,805,1 9,336,699,0 8,250,250,5 57,960,8 14,425,5 8,177,864,8 9,336,699,0 17,514,563,8 46,60 0.00 53,3 0.03 0.00 0.01
Co C	mmon Stock Proprietary Capital Less Accumulated Other Comprehensive Income Accou Less Preferred Stock Less Account 216.1 Common Stock  oitalization Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss  Total Long Term Debt Perferred Stock Common Stock  Total Capitalization  Debt % Total Preferred % Preferred % Common Stock  Common Stock  Common Stock  Total  Common Stock  Common Cost  Veighted Cost of Debt  Weighted Cost of Preferred  Preferred  Veighted Cost of Preferred	Long Term Debt rrred Stock mon Stock Long Term Debt rrred Stock non Stock Long Term Debt (WCLTD) rred Stock	(Note P)	Attachment 5 Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104 ) Attachment 5 (Line 101 - 102 + 103 - 104 ) Attachment 5 (Line 100) (Sum Lines 105 to 107) (Line 105 / Line 108) (Line 106 / Line 108) (Line 107 / Line 108) (Line 94 / Line 105) (Line 95 / Line 106) Fixed  (Line 109 * Line 112) (Line 110 * Line 113)	9,339,162, 657,: 1,805, 9,336,699,0 8,250,250,0 57,960,0 14,425,: 8,177,864,0 9,336,699,0 17,514,563,0 0.00 0.00 0.1:
Co C	mmon Stock Proprietary Capital Less Accumulated Other Comprehensive Income Accou Less Preferred Stock Less Account 216.1 Common Stock  oitalization Less Loss on Reacquired Debt Plus Gain on Reacquired Debt Less ADIT associated with Gain or Loss  Total Long Term Debt Perferred Stock Common Stock  Total Capitalization  Debt % Total Preferred % Preferred % Common Stock  Common Stock  Common Stock  Total  Common Stock  Common Cost  Veighted Cost of Debt  Weighted Cost of Preferred  Preferred  Veighted Cost of Preferred	Long Term Debt rrred Stock non Stock Long Term Debt rred Stock mon Stock Long Term Debt	(Note P)	Attachment 5 Attachment 5 (Line 106) Attachment 5 (Line 96 - 97 - 98 - 99)  Attachment 5 Attachment 5 Attachment 5 Attachment 5 Attachment 5 (Line 101 - 102 + 103 - 104 ) Attachment 5 (Line 100) (Sum Lines 105 to 107) (Line 105 / Line 108) (Line 106 / Line 108) (Line 107 / Line 108) (Line 94 / Line 105) (Line 95 / Line 106) Fixed  (Line 109 * Line 112)	9,339,162, 657, 1,805, 9,336,699, 8,250,250, 57,960, 14,425, 8,177,864, 9,336,699, 17,514,563, 46,6 0.0 53,3 0.0 0.1

Exhibit 1 4 of 54

ormul					
ormul				FERC Form 1 Page # or	12 Months Ende
v	la Rate Appendix A		Notes	Instruction	12/31/2019
	d cells are input cells				
ompo	osite Income Taxes				
	ncome Tax Rates		Marco D		04.0
120 121	FIT=Federal Income Tax Rate SIT=State Income Tax Rate or Composite		(Note I)		21.00 9.00
122	p	(percent of federal income tax deducti	ble for state purposes)	Per State Tax Code	0.00
23	T	" T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SI			28.1°
24	T / (1-T)				39.10
ľ	TC Adjustment				
25	Amortized Investment Tax Credit	enter negative	(Note O)	Attachment 5	-716,4
126 127	1/(1-T) Net Plant Allocation Factor			1 / (1 - Line 123) (Line 18)	139.1 60.5
28	ITC Adjustment Allocated to Transmission			(Line 10) (Line 125 * Line 126 * Line 127)	-603,2
.29 li	ncome Tax Component =	(T/1-T) * Investment Return * (1-(W	/CLTD/ROR)) =	[Line 124 * Line 119 * (1- (Line 115 / Line 118))]	209,128,6
30 <b>T</b>	Total Income Taxes			(Line 128 + Line 129)	208,525,39
venu	ue Requirement				
	·				
31	Summary Net Property, Plant & Equipment			(Line 43)	11,166,342,
32	Total Adjustment to Rate Base			(Line 57)	-2,576,516,9
33	Rate Base			(Line 58)	8,589,825,2
34	Total Transmission O&M			(Line 80)	129,886,
35	Total Transmission Depreciation & Amortization			(Line 91)	298,231,
36	Taxes Other than Income			(Line 93)	10,899,9
37 38	Investment Return Income Taxes			(Line 119) (Line 130)	692,116,9 208,525,3
139	Gross Revenue Requirement			(Sum Lines 134 to 138)	1,339,660,6
	Adjustment to Remove Revenue Requirements	Associated with Excluded Transmission	n Facilities	(1) (10)	40.050.500.5
140 141	Transmission Plant In Service Excluded Transmission Facilities		(Note B & M)	(Line 19) Attachment 5	12,258,566,5
142	Included Transmission Facilities		(Note B a m)	(Line 140 - Line 141)	12,258,566,5
143	Inclusion Ratio			(Line 142 / Line 140)	100.0
44	Gross Revenue Requirement			(Line 139)	1,339,660,6
45	Adjusted Gross Revenue Requirement			(Line 143 * Line 144)	4 000 000 0
					1,339,660,6
	Revenue Credits & Interest on Network Credits		41.4.0	Av. Locato	
146 147	Revenue Credits		(Note O) (Note N & O)	Attachment 3 Attachment 5	<b>1,339,660,6</b> 24,750,2
46 47	Revenue Credits Interest on Network Credits		(Note O) (Note N & O)	Attachment 5	24,750,2
46 47	Revenue Credits				24,750,2
46 47 48	Revenue Credits Interest on Network Credits  Net Revenue Requirement  Net Plant Carrying Charge			Attachment 5 (Line 145 - Line 146 + Line 147)	24,750,; <b>1,314,910</b> ,;
46 47 <b>48</b> 49	Revenue Credits Interest on Network Credits  Net Revenue Requirement  Net Plant Carrying Charge Gross Revenue Requirement	lant.		Attachment 5 (Line 145 - Line 146 + Line 147) (Line 144)	24,750,3 1,314,910,3 1,339,660,
46  47   <b>48</b>  49  50	Revenue Credits Interest on Network Credits  Net Revenue Requirement  Net Plant Carrying Charge Gross Revenue Requirement Net Transmission Plant, CWIP and Abandoned P	lant		Attachment 5 (Line 145 - Line 146 + Line 147) (Line 144) (Line 149 - Line 32 + Line 45 + Line 45a)	24,750,2 1,314,910,3 1,339,660,6 11,122,380,9
46 47 <b>48</b> <b>N</b> 49 50 51	Revenue Credits Interest on Network Credits  Net Revenue Requirement  Net Plant Carrying Charge Gross Revenue Requirement	lant		Attachment 5 (Line 145 - Line 146 + Line 147) (Line 144)	24,750,3 1,314,910,3 1,339,660,1 11,122,380,1 12,044
46 47 48 N 49 50 51 52	Revenue Credits Interest on Network Credits  Net Revenue Requirement  Net Plant Carrying Charge Gross Revenue Requirement Net Transmission Plant, CWIP and Abandoned P Net Plant Carrying Charge			Attachment 5 (Line 145 - Line 146 + Line 147) (Line 144) (Line 19 - Line 32 + Line 45 + Line 45a) (Line 149 / Line 150)	24,750, 1,314,910, 1,339,660, 11,122,380, 12,0425
46 47 48 49 50 51 52 53	Revenue Credits Interest on Network Credits  Net Revenue Requirement  Net Plant Carrying Charge Gross Revenue Requirement Net Transmission Plant, CWIP and Abandoned P Net Plant Carrying Charge Net Plant Carrying Charge without Depreciation, I Net Plant Carrying Charge without Depreciation, I Net Plant Carrying Charge Calculation per 100 B	Return, nor Income Taxes asis Point increase in ROE		Attachment 5  (Line 145 - Line 146 + Line 147)  (Line 144) (Line 19 - Line 32 + Line 45 + Line 45a) (Line 149 / Line 150) (Line 149 - Line 81) / Line 150 (Line 149 - Line 81 - Line 119 - Line 130) / Line 15(	24,750, 1,314,910, 1,339,660, 11,122,380, 12,044 9,425 1,327
46 47 48 49 50 51 52 53	Revenue Credits Interest on Network Credits  Net Revenue Requirement  Net Plant Carrying Charge Gross Revenue Requirement Net Transmission Plant, CWIP and Abandoned P Net Plant Carrying Charge Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, I Net Plant Carrying Charge Calculation per 100 B Gross Revenue Requirement Less Return and Ta	Return, nor Income Taxes asis Point increase in ROE		Attachment 5  (Line 145 - Line 146 + Line 147)  (Line 144) (Line 19 - Line 32 + Line 45 + Line 45a) (Line 149 - Line 81) / Line 150 (Line 149 - Line 81) / Line 119 - Line 130) / Line 15( (Line 144 - Line 137 - Line 138)	24,750,2 1,314,910,3 1,339,660,6 11,122,380,5 12,044 9,425 1,327 439,018,2
46 47 48 149 150 151 152 153 N	Revenue Credits Interest on Network Credits  Net Revenue Requirement  Net Plant Carrying Charge Gross Revenue Requirement Net Transmission Plant, CWIP and Abandoned P Net Plant Carrying Charge Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, I Net Plant Carrying Charge Calculation per 100 B Gross Revenue Requirement Less Return and Ta Increased Return and Taxes	Return, nor Income Taxes asis Point increase in ROE uxes		Attachment 5  (Line 145 - Line 146 + Line 147)  (Line 144) (Line 19 - Line 32 + Line 45 + Line 45a) (Line 149 / Line 150) (Line 149 - Line 81) / Line 150 (Line 149 - Line 81 - Line 119 - Line 130) / Line 15(  (Line 144 - Line 137 - Line 138) Attachment 4	24,750,2 1,314,910,3 1,339,660,6 11,122,380,9 12,044 9,425 1,327 439,018,2 964,338,6
48 49 50 51 52 53 N 54 55 56	Revenue Credits Interest on Network Credits  Net Revenue Requirement  Net Plant Carrying Charge Gross Revenue Requirement Net Transmission Plant, CWIP and Abandoned P Net Plant Carrying Charge Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, I Net Plant Carrying Charge Calculation per 100 B Gross Revenue Requirement Less Return and Ta Increased Return and Taxes Net Revenue Requirement per 100 Basis Point in	Return, nor Income Taxes asis Point increase in ROE tixes crease in ROE		Attachment 5  (Line 145 - Line 146 + Line 147)  (Line 144) (Line 19 - Line 32 + Line 45 + Line 45a) (Line 149 / Line 150) (Line 149 - Line 81) / Line 150 (Line 149 - Line 81 - Line 119 - Line 130) / Line 15(  (Line 144 - Line 137 - Line 138) Attachment 4 (Line 154 + Line 155)	24,750,2 1,314,910,3 1,339,660,6 11,122,380,3 12.044 9.425 1.327 439,018,2 964,338,1
46 47 48 49 50 51 52 53 N 54 55 56 57	Revenue Credits Interest on Network Credits  Net Revenue Requirement  Net Plant Carrying Charge Gross Revenue Requirement Net Transmission Plant, CWIP and Abandoned P Net Plant Carrying Charge Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, I Net Plant Carrying Charge Calculation per 100 B Gross Revenue Requirement Less Return and Ta Increased Return and Taxes	Return, nor Income Taxes asis Point increase in ROE ixes crease in ROE ant		Attachment 5  (Line 145 - Line 146 + Line 147)  (Line 144) (Line 19 - Line 32 + Line 45 + Line 45a) (Line 149 / Line 150) (Line 149 - Line 81) / Line 150 (Line 149 - Line 81 - Line 119 - Line 130) / Line 15(  (Line 144 - Line 137 - Line 138) Attachment 4	24,750,:  1,314,910,:  1,339,660, 11,122,380,: 12,044 9,425 1.327  439,018,: 964,338,: 1,403,356,: 11,122,380,:
46 47 48 50 51 52 53 N 54 55 56 57 58	Revenue Credits Interest on Network Credits  Net Revenue Requirement  Net Plant Carrying Charge Gross Revenue Requirement Net Transmission Plant, CWIP and Abandoned P Net Plant Carrying Charge Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, I Net Plant Carrying Charge Calculation per 100 B Gross Revenue Requirement Less Return and Ta Increased Return and Taxes Net Revenue Requirement per 100 Basis Point in Net Transmission Plant, CWIP and Abandoned P	Return, nor Income Taxes  asis Point increase in ROE  axes  crease in ROE  lant  crease in ROE		Attachment 5  (Line 145 - Line 146 + Line 147)  (Line 144) (Line 19 - Line 32 + Line 45 + Line 45a) (Line 149 - Line 150) (Line 149 - Line 81) / Line 150 (Line 149 - Line 81 - Line 119 - Line 130) / Line 15(  (Line 144 - Line 137 - Line 138) Attachment 4 (Line 154 + Line 155) (Line 19 - Line 32 + Line 45 + Line 45a)	24,750,3 1,314,910,3 1,339,660, 11,122,380,9 12,044 9,425 1,327 439,018,3 964,338,1,403,356,5 11,122,380,9 12,617
46 47 48 49 50 51 52 53 N N N 55 55 56 57 58 59 60	Revenue Credits Interest on Network Credits  Net Revenue Requirement  Net Plant Carrying Charge Gross Revenue Requirement Net Transmission Plant, CWIP and Abandoned P Net Plant Carrying Charge Net Plant Carrying Charge without Depreciation, I Net Plant Carrying Charge without Depreciation, I Net Plant Carrying Charge Calculation per 100 B Gross Revenue Requirement Less Return and Ta Increased Return and Taxes Net Revenue Requirement per 100 Basis Point in Net Transmission Plant, CWIP and Abandoned P Net Plant Carrying Charge per 100 Basis Point in Net Plant Carrying Charge per 100 Basis Point in Net Plant Carrying Charge per 100 Basis Point in Net Revenue Requirement	Return, nor Income Taxes  asis Point increase in ROE  axes  crease in ROE  lant  crease in ROE		Attachment 5  (Line 145 - Line 146 + Line 147)  (Line 144) (Line 19 - Line 32 + Line 45 + Line 45a) (Line 149 / Line 150) (Line 149 - Line 81) / Line 150 (Line 149 - Line 81 - Line 119 - Line 130) / Line 15(  (Line 144 - Line 137 - Line 138) Attachment 4 (Line 154 + Line 155) (Line 194 - Line 156) (Line 156 / Line 157) (Line 156 - Line 81) / Line 157 (Line 148)	24,750,3  1,314,910,3  1,339,660,1 11,122,380,9 12,044 9,425 1,327  439,018,964,338,1 1,403,356,5 11,122,380,1 12,617 9,998 1,314,910,1
1446 1447 1448 1449 1550 1551 1552 1553 1554 1555 1566 1575 1575 1588 1599 1600 1611	Revenue Credits Interest on Network Credits  Net Revenue Requirement  Net Plant Carrying Charge Gross Revenue Requirement Net Transmission Plant, CWIP and Abandoned P Net Plant Carrying Charge Net Plant Carrying Charge without Depreciation, Net Plant Carrying Charge without Depreciation, I Net Plant Carrying Charge Calculation per 100 B Gross Revenue Requirement Less Return and Ta Increased Return and Taxes Net Revenue Requirement per 100 Basis Point in Net Transmission Plant, CWIP and Abandoned P Net Plant Carrying Charge per 100 Basis Point in Net Plant Carrying Charge per 100 Basis Point in Net Plant Carrying Charge per 100 Basis Point in Net Revenue Requirement True-up amount	Return, nor Income Taxes asis Point increase in ROE uxes crease in ROE ant crease in ROE ROE without Depreciation	(Note N & O)	Attachment 5  (Line 145 - Line 146 + Line 147)  (Line 149 - Line 32 + Line 45 + Line 45a) (Line 149 / Line 150) (Line 149 - Line 81) / Line 150 (Line 149 - Line 81 - Line 119 - Line 130) / Line 15(  (Line 144 - Line 137 - Line 138) Attachment 4 (Line 154 + Line 155) (Line 19 - Line 32 + Line 45 + Line 45a) (Line 156 / Line 157) (Line 156 - Line 81) / Line 157 (Line 148) Attachment 6	24,750,2 1,314,910,3 1,339,660,6 11,122,380,9 12.044 9.425 1.327 439,018,2 964,338,1 1,403,356,3 11,122,380,9 12,617,9 1,314,910,3 27,631,6
46 47 48 49 50 51 552 553 N N N N N N N N N N N N N N N N N N	Revenue Credits Interest on Network Credits  Net Revenue Requirement  Net Plant Carrying Charge Gross Revenue Requirement Net Transmission Plant, CWIP and Abandoned P Net Plant Carrying Charge Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, I Net Plant Carrying Charge without Depreciation, I Net Plant Carrying Charge Calculation per 100 B Gross Revenue Requirement Less Return and Ta Increased Return and Taxes Net Revenue Requirement per 100 Basis Point in Net Transmission Plant, CWIP and Abandoned P Net Plant Carrying Charge per 100 Basis Point in Net Plant Carrying Charge per 100 Basis Point in Net Revenue Requirement True-up amount Plus any increased ROE calculated on Attachmer	Return, nor Income Taxes  asis Point increase in ROE  ixes  crease in ROE  iant  crease in ROE  ROE without Depreciation	(Note N & O)	Attachment 5  (Line 145 - Line 146 + Line 147)  (Line 144) (Line 19 - Line 32 + Line 45 + Line 45a) (Line 149 / Line 150) (Line 149 - Line 81) / Line 150 (Line 149 - Line 81) - Line 119 - Line 130) / Line 15(  (Line 144 - Line 137 - Line 138) Attachment 4 (Line 154 + Line 155) (Line 19 - Line 32 + Line 45 + Line 45a) (Line 156 / Line 157) (Line 156 - Line 81) / Line 157 (Line 148) Attachment 6 2 Attachment 7	24,750,:  1,314,910,:  1,339,660,  11,122,380,  12,044  9,425  1,327  439,018,;  964,338,  1,403,356,;  11,122,380,9  12,617  9,998  1,314,910,  27,631,1
1446 1447 1448 150 151 152 153 154 155 155 156 157 158 159 160 161 162 163	Revenue Credits Interest on Network Credits  Net Revenue Requirement  Net Plant Carrying Charge Gross Revenue Requirement Net Transmission Plant, CWIP and Abandoned P Net Plant Carrying Charge Net Plant Carrying Charge without Depreciation, Net Plant Carrying Charge without Depreciation, I Net Plant Carrying Charge Calculation per 100 B Gross Revenue Requirement Less Return and Ta Increased Return and Taxes Net Revenue Requirement per 100 Basis Point in Net Transmission Plant, CWIP and Abandoned P Net Plant Carrying Charge per 100 Basis Point in Net Plant Carrying Charge per 100 Basis Point in Net Plant Carrying Charge per 100 Basis Point in Net Revenue Requirement True-up amount	Return, nor Income Taxes  asis Point increase in ROE  ixes  crease in ROE  iant  crease in ROE  ROE without Depreciation	(Note N & O)	Attachment 5  (Line 145 - Line 146 + Line 147)  (Line 149 - Line 32 + Line 45 + Line 45a) (Line 149 / Line 150) (Line 149 - Line 81) / Line 150 (Line 149 - Line 81 - Line 119 - Line 130) / Line 15(  (Line 144 - Line 137 - Line 138) Attachment 4 (Line 154 + Line 155) (Line 19 - Line 32 + Line 45 + Line 45a) (Line 156 / Line 157) (Line 156 - Line 81) / Line 157 (Line 148) Attachment 6	24,750,3 1,314,910,3 1,339,660,6 11,122,380,9 12,044 9,425 1,327 439,018,3 964,338,6 1,403,356,5 11,122,380,9 12,617 9,998 1,314,910,5 27,631,6 6,187,7
146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 161 162 163 164	Revenue Credits Interest on Network Credits  Net Revenue Requirement  Net Plant Carrying Charge Gross Revenue Requirement Net Transmission Plant, CWIP and Abandoned P Net Plant Carrying Charge Net Plant Carrying Charge without Depreciation, I Net Plant Carrying Charge without Depreciation, I Net Plant Carrying Charge Calculation per 100 B Gross Revenue Requirement Less Return and Ta Increased Return and Taxes Net Revenue Requirement per 100 Basis Point in Net Transmission Plant, CWIP and Abandoned P Net Plant Carrying Charge per 100 Basis Point in Net Plant Carrying Charge per 100 Basis Point in Net Revenue Requirement True-up amount Plus any increased ROE calculated on Attachmer Facility Credits under Section 30.9 of the PJM OA	Return, nor Income Taxes  asis Point increase in ROE  ixes  crease in ROE  ant  crease in ROE  ROE without Depreciation	(Note N & O)	Attachment 5  (Line 145 - Line 146 + Line 147)  (Line 144) (Line 19 - Line 32 + Line 45 + Line 45a) (Line 149 / Line 150) (Line 149 - Line 81) / Line 150 (Line 149 - Line 81 - Line 119 - Line 130) / Line 15(  (Line 144 - Line 137 - Line 138) Attachment 4 (Line 154 + Line 155) (Line 156 / Line 157) (Line 156 - Line 81) / Line 157 (Line 148) Attachment 6 2 Attachment 6 2 Attachment 7 Attachment 5	
46 47 48 49 50 51 52 53 <b>N</b> <b>N</b> 55 55 56 57 57 58 59 60 61 62 63 64	Revenue Credits Interest on Network Credits  Net Revenue Requirement  Net Plant Carrying Charge Gross Revenue Requirement Net Transmission Plant, CWIP and Abandoned P Net Plant Carrying Charge Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge without Depreciation, I Net Plant Carrying Charge without Depreciation, I Net Plant Carrying Charge Calculation per 100 B Gross Revenue Requirement Less Return and Ta Increased Return and Taxes Net Revenue Requirement per 100 Basis Point in Net Transmission Plant, CWIP and Abandoned P Net Plant Carrying Charge per 100 Basis Point in Net Plant Carrying Charge per 100 Basis Point in Net Revenue Requirement True-up amount Plus any increased ROE calculated on Attachmer Facility Credits under Section 30.9 of the PJM OA Net Zonal Revenue Requirement	Return, nor Income Taxes  asis Point increase in ROE  ixes  crease in ROE  ant  crease in ROE  ROE without Depreciation	(Note N & O)	Attachment 5  (Line 145 - Line 146 + Line 147)  (Line 144) (Line 19 - Line 32 + Line 45 + Line 45a) (Line 149 / Line 150) (Line 149 - Line 81) / Line 150 (Line 149 - Line 81 - Line 119 - Line 130) / Line 15(  (Line 144 - Line 137 - Line 138) Attachment 4 (Line 154 + Line 155) (Line 156 / Line 157) (Line 156 - Line 81) / Line 157 (Line 148) Attachment 6 2 Attachment 6 2 Attachment 7 Attachment 5	24,750,2  1,314,910,3  1,339,660,6  11,122,380,9  1,327  439,018,2  964,338,( 1,403,356,2  11,122,380,9  12,617,9,998  1,314,910,3  27,631,6  6,187,7

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#### **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

A Electric portion only

- 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 fillings, 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
- a Calculated using beginning and year-ind projected usualices

  END R Unamortized Abandoned Plant and Amortization of Abandoned Plant may only be included pursuant to a Commission Order authorizing such inclusion

12 Months Ended 12/31/2019 Exhibit 1 6 of 54

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31,2019

ADIT- 282	(2,673,918,181)	0	(33,514,268)	From Acct. 282 total, below	
ADIT-283	0	(7,434,043)	(1,012,425)	From Acct. 283 total, below	
ADIT-190	0	0	4,433,603	From Acct. 190 total, below	
Subtotal	(2,673,918,181)	(7,434,043)	(30,093,089)		
Wages & Salary Allocator			16.5000%		
Net Plant Allocator		60.5354%			
End of Year ADIT	(2,673,918,181)	(4,500,226)	(4,965,360)	(2,683,383,767)	
End of Previous Year ADIT (from Sheet 1A-ADIT (3))	(2,594,965,174)	(5,054,538)	(4,843,235)	(2,604,862,947)	
Average Beginning and End of Year ADIT	(2,634,441,678)	(4,777,382)	(4,904,297)	(2,644,123,357) 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

(7,43,043) < 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	rotar	Or Other	Transmission	Plant	Labor	
		Related	Related	Related	Related	Justification
ADIT - Contribution In Aid of Construction	30.572.191	30.572.191	0	0	0	Recresents the estimated IRC 118 amount (CIAC)
OPEB	152.061.507	0	0	0		FASB 106 - Post Retirement Obligation, labor related.
Deferred Dividend Equivalents	1,797,096	0	0	0	1,797,096	Book accrual of dividends on employee stock options affecting all functions
Deferred Compensation	343.910	0	0	0	343.910	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
Bankruptcies \$ Acfc	209.847	209.847	0	0		Book estimate accrued and expensed, tax deduction when paid - Generation Related
Federal Taxes Deferred	26,908,105	0	0	26.908.105		FASB 109 - deferred tax asset primarily associated with items previously flowed through due to regulation
Miscellaneous	2,292,598	0	0	26.906.105	2,292,598	
Subtotal - p234	214,185,253	30,782,038		26,908,105	156,495,110	
Less FASB 109 Above if not separately removed	26,908,105			26,908,105		
Less FASB 106 Above if not separately removed	152,061,507				152,061,507	
Total	35,215,641	30,782,038		0	4,433,603	

- 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

Exhibit 1 7 of 54

## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31,2019

Page 2 of 3

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	_B	c_	D	E	F	G
ADIT- 282	Total	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	Justification
Depreciation - Liberalized Depreciation (Federal)	(3,712,901,448)	(1,537,835,152)	(2,142,650,892)	0	(32,415,405)	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)	(618.781.777)	(86.415.624)	(531,267,290)	0		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 logant and column C represents estimated electrical distribution ADIT
Accounting for Income Taxes	(324.980.204)	(267.274.356)	(57.600.663)	0	(105 185)	FASB 109 - deferred tax liability primarily associated with plant related items previously flowed through due to regulation
Subtotal - p275	(4,656,663,429)	(1,891,525,132)	(2,731,518,844)	0	(33,619,453)	
Less FASB 109 Above if not separately removed	(324,980,204)	(267,274,356)	(57,600,663)	0	(105,185)	
Less FASB 106 Above if not separately removed						
Total	(4,331,683,225)	(1,624,250,776)	(2,673,918,181)	0	(33,514,268)	

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

Exhibit 1 8 of 54

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31,2019

						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)	0	0	0	Book estimate accrued and expensed, tax deduction when paid - Manufactured Gas Plants
New Jersey Corporation Business Tax	8,156,568	8,156,568	0	0	0	New Jersey Corporate Income Tax - Plant Related- Contra Account of 190 NJCBT
Accelerated Activity Plan	(19,966,405)	(19,966,405)	0	0	0	Demand Side management and Associated Programs - Retail Related
Loss on Reacquired Debt	(7.434.043)		0	(7.434.043)	0	Tax deduction when reacquired, booked amortizes to expense
Additional Pension Deduction	(118.940.207)	(118.940.207)	0	0	0	Associated with Pension Liability not in rates
Vacation Pay	(1,012,425)	_	0	0	(1,012,425)	Vacation pay earned and expensed for books, tax deduction when paid - employees in all functions
Miscellaneous	2,002,394	2,002,394	0	0	0	Miscellaneous Tax Adjustments.
Deferred Gain	(88,859,662)	(88,859,662)	0	0	0	Deferred gain resulted from 2000 deregulation step up basis
Accounting for Income Taxes (FAS109) - Federal	(142,204,739)	-	0	(142,204,739)	0	FASB 109 - deferred tax liability primarily non-plant related items previously flowed through due to regulation
Subtotal - p277	(429,423,783)	(278,772,577)		(149,638,782)	(1,012,425)	
Less FASB 109 Above if not separately removed	(142,204,739)			(142,204,739)		
Less FASB 106 Above if not separately removed						
Total	(287,219,044)	(278,772,577)		(7,434,043)	(1,012,425)	

#### 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

Exhibit 1 9 of 54

## 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	(2,594,965,174)	0	(32,619,773)	From Acct. 282 total, below	
ADIT-283	0	(8,349,727)	0	From Acct. 283 total, below	
ADIT-190	0	0	3,266,834	From Acct. 190 total, below	
Subtotal	(2,594,965,174)	(8,349,727)	(29,352,938)		
Wages & Salary Allocator			16.5000%		
Net Plant Allocator		60.5354%			
End of Year ADIT	(2,594,965,174)	(5,054,538)	(4,843,235)	(2,604,862,947)	

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
(8,349,727) < 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	_В .	C	D	E	F	G
ADIT-190	Total	Gas, Prod Or Other	Only Transmission	Plant	Labor	
		Related	Related	Related	Related	Justification
ADIT - Contribution In Aid of Construction	33,971,473	33,971,473	0	0	0	Represents the estimated IRC 118 amount (CIAC)
Vacation Pay	3,390	0	0	0	3,390	Vacation pay earned and expensed for books, tax deduction when paid - employees in all functions
OPEB	148,945,601	0	0	0	148,945,601	FASB 106 - Post Retirement Obligation, labor related.
Deferred Dividend Equivalents	2.888.016	0	0	0	2.888.016	Book accrual of dividends on employee stock options affecting all functions
Deferred Compensation	375.428	0	0	0	375.428	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
ADIT - Unallowable PIP Accrual	_	0	0	0	0	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
Bankruptcies \$ Acfc	248,554	248,554	0	0	0	Book estimate accrued and expensed, tax deduction when paid - Generation Related
Federal Taxes Deferred	13,454,052	0	0	13,454,052	0	FASB 109 - deferred tax asset primarily associated with items previously flowed through due to regulation
Miscellaneous	577.742.356	577,742,356	0	0	0	Includes the gross-up on excess deferred taxes
Subtotal - p234	777,628,871	611,962,383		13,454,052	152,212,435	
Less FASB 109 Above if not separately removed	13,454,052			13,454,052		
Less FASB 106 Above if not separately removed	148,945,601				148,945,601	
Total	615,229,217	611,962,383		0	3,266,834	

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

Exhibit 1 10 of 54

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

Page 2 of 3

Attachment 1 - A	Accumulated	Deferred	Income '	Taxes	(ADIT)	Workshee
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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)	(3,921,723,673)	(1,529,009,659)	(2,363,512,870)	0	(29,201,143)	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)	(318,298,498)	(83.427.565)	(231.452.304)	0	(3.418.630)	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)	0	(264,855)	FASB 109 - deferred tax liability primarily associated with plant related items previously flowed through due to regulation
Subtotal - p275	(4,557,149,523)	(1,879,711,580)	(2,644,553,315)	0	(32,884,628)	
Less FASB 109 Above if not separately removed	(317,127,352)	(267,274,356)	(49,588,141)	0	(264,855)	
Less FASB 106 Above if not separately removed						
Total	(4.240.022.171)	(1,612,437,224)	(2.594.965.174)	0	(32,619,773)	

- 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

Exhibit 1 11 of 54

## 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	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)	0	0	0	Book estimate accrued and expensed, tax deduction when paid - Manufactured Gas Plants
New Jersey Corporation Business Tax	10,939,295	10,939,295	0	0	0	New Jersey Corporate Income Tax - Plant Related- Contra Account of 190 NJCBT
Accelerated Activity Plan	(19.421.825)	(19.421.825)	0	0	0	Demand Side management and Associated Programs - Retail Related
Loss on Reacquired Debt	(8,349,727)		0	(8,349,727)	0	Tax deduction when reacquired, booked amortizes to expense
Additional Pension Deduction	(107,307,039)	(107,307,039)	0	0	0	Associated with Pension Liability not in rates
Deferred Gain	(66,528,299)	(66,528,299)	0	0	0	Deferred gain resulted from 2000 deregulation step up basis
Accounting for Income Taxes (FAS109) - Federal	(137,656,362)	-	0	(137,656,362)	0	FASB 109 - deferred tax liability primarily non-plant related items previously flowed through due to regulation
Subtotal - p277	(389,489,223)	(243,483,134)		(146,006,089)		
Less FASB 109 Above if not separately removed	(137,656,362)			(137,656,362)		
Less FASB 106 Above if not separately removed						
Total	(251.832.861)	(243.483.134)		(8.349.727)		

- 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

Exhibit 1 12 of 54

# Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 2 - Taxes Other Than Income Worksheet - December 31, 2019

Oth	er Taxes	Page 263 Col (i)	Allocator	Allocated Amount
	Plant Related			
1 2	Real Estate Total Plant Related	22,188,000 22,188,000 I	N/A	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	11,122,823 251,132 536,298 525,625		
8	Total Labor Related	12,435,878	16.5000%	2,051,920
9	Other Included	Ne	t Plant Allocator	
10 11 12	Total Other Included	0	60.5354%	0
13			60.5354%	
14	Total Included (Lines 8 + 14 + 19)	34,623,878		10,899,920
	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		
24	Total Other Taxes from p114.14.g - Actual	34,623,878		
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, 2019

Accounts 450 & 451  1 Late Payment Penalties Allocated to Transmission		0
Account 454 - Rent from Electric Property 2 Rent from Electric Property - Transmission Related (Note 2)		600,000
Account 456 - Other Electric Revenues 3 Transmission for Others		0
4 Schedule 1A 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)		5,040,000
6 Point to Point Service revenues for which the load is not included in the divisor received by Transmission Owner 7 Professional Services (Note 2) 8 Revenues from Directly Assigned Transmission Facility Charges (Note 1)		10,200,000 45,000 7,550,991
9 Rent or Attachment Fees associated with Transmission Facilities (Note 2)	(0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	4,805,691
10 Gross Revenue Credits	(Sum Lines 1-9)	28,241,682
11 Less line 18 12 Total Revenue Credits	- line 18 line 10 + line 11	(3,491,440) 24,750,242
<ul> <li>13 Revenues associated with lines 2, 7, and 9 (Note 2)</li> <li>14 Income Taxes associated with revenues in line 13</li> <li>15 One half margin (line 13 - line 14)/2</li> <li>16 All expenses (other than income taxes) associated with revenues in line 13 that are included in FERC accounts recovered through the formula times the allocator used to functionalize the amounts in the FERC account to the transmission service a</li> </ul>	t	5,450,691 1,532,189 1,959,251
issue. 17 Line 15 plus line 16 18 Line 13 less line 17		- 1,959,251 3,491,440

- 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
100 Basis Point increase in ROE and Income Taxes
Line 27 + Line 42 from below 964,338,057

Α

•	100 Basis Point increase in ROE			1.00
n Ca	alculation		Appendix A Line or Source Reference	e
	Rate Base		(Line 43 + Line 57)	8,589,825,2
	Long Term Interest		p117.62.c through 67.c	320,692,8
	Preferred Dividends	enter positive	p118.29.d	
	Common Stock			
	Proprietary Capital		Attachment 5	9.339.162.
	Less Accumulated Other Comprehensive Income Account 219		p112.15.c	657.
	Less Preferred Stock		(Line 106)	
	Less Account 216.1		Attachment 5	1,805
	Common Stock		(Line 96 - 97 - 98 - 99)	9,336,699
	Capitalization			
	Long Term Debt		Attachment 5	8,250,250
	Less Loss on Reacquired Debt		Attachment 5	57,960
	Plus Gain on Reacquired Debt		Attachment 5	
	Less ADIT associated with Gain or Loss		Attachment 5	14,425,
	Total Long Term Debt		(Line 101 - 102 + 103 - 104)	8,177,864,
	Preferred Stock		Attachment 5	
	Common Stock		(Line 100)	9,336,699
	Total Capitalization		(Sum Lines 105 to 107)	17,514,563,
	Debt %	Total Long Term Debt	(Line 105 / Line 108)	46
	Preferred %	Preferred Stock	(Line 106 / Line 108)	C
	Common %	Common Stock	(Line 107 / Line 108)	53
	Debt Cost	Total Long Term Debt	(Line 94 / Line 105)	0.0
	Preferred Cost	Preferred Stock	(Line 95 / Line 106)	0.0
	Common Cost	Common Stock	(Line 114 + 100 basis points)	0.12
	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 109 * Line 112)	0.0
	Weighted Cost of Preferred	Preferred Stock	(Line 110 * Line 113)	0.0
	Weighted Cost of Common	Common Stock	(Line 111 * Line 114)	0.0
	Rate of Return on Rate Base ( ROR )		(Sum Lines 115 to 117)	0.0
	Investment Return = Rate Base * Rate of Return		(Line 58 * Line 118)	737,907
osit	e Income Taxes			
	Income Tax Rates			
	FIT=Federal Income Tax Rate			21.0
	SIT=State Income Tax Rate or Composite			9.0
	p = percent of federal income tax deductible for state purposes		Per State Tax Code	0.0
		1 - FIT)] / (1 - SIT * FIT * p)} =		28.
	CIT = T / (1-T)	" ' "		39.1
	1 / (1-T)			139.
	ITC Adjustment			
	Amortized Investment Tax Credit	enter negative	Attachment 5	-716
	1/(1-T)		1 / (1 - Line 123)	13
	Net Plant Allocation Factor		(Line 18)	60.535
	ITC Adjustment Allocated to Transmission		(Line 125 * Line 126 * Line 127)	-603
	Income Tax Component = CIT=(T/1-T) * Inve	stment Return * (1-(WCLTD/R)) =		227,033,

#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 5 - Cost Support - December 31, 2019

Exhibit 1 Attachment 5 - Cost Support - December 31, 2019 15 of 54

																	-	Page 1 of 3
Electric / No	n-electric Cost Support			Previous Year						Currer	it Year - 2019						<b></b>	
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	21,940,212,019	21,967,426,357	21,993,774,771	22,051,969,698	22,114,308,367	22,233,640,669	22,520,661,059	22,544,771,207	22,569,047,304	22,601,575,344	22,635,933,101	22,673,350,055	23,033,461,355	22,375,394,716	
7	Common Plant in Service - Electric	(Note B)	p356	219,757,382	218,696,109	215,871,494	216,919,197	219,601,760	220,100,465	222,097,836	237,052,398	237,749,771	239,031,422	239,245,834	239,357,991	241,324,158	228,215,832	
9	Accumulated Depreciation (Total Electric Plant)	(Note B & J)	p219.29c	3,841,768,213	3,878,355,027	3,914,599,090	3,947,783,902	3,982,258,882	4,014,829,800	4,051,620,824	4,087,774,624	4,124,694,718	4,162,054,904	4,199,710,465	4,235,348,870	4,264,373,496	4,054,244,063	
10	Accumulated Intangible Amortization	(Note B)	p200.21c	5,618,327	5,751,248	5,884,168	6,017,088	6,150,008	6,282,929	6,170,681	6,299,582	6,255,065	6,381,123	6,507,181	6,633,239	6,759,297	6,208,457	
11	Accumulated Common Plant Depreciation - Electric	(Note B & J)	p356	39,368,191	39,157,891	40,195,093	41,314,438	41,589,427	42,581,324	43,543,503	44,418,846	45,367,295	46,087,072	46,605,377	47,699,549	48,704,545	43,587,119	
12	Accumulated Common Amortization - Electric	(Note B)	p356	51,992,974	52,754,481	50,381,076	51,096,443	51,830,012	52,566,957	52,751,519	53,617,970	54,490,574	55,373,348	56,262,540	56,345,983	57,231,091	53,591,921	
	Plant In Service																	
19	Transmission Plant in Service (Excludes Asset Retirement Costs - ARC)	(Note B)	p207.58.g	11,976,476,249	11,983,919,582	11,992,781,915	12,031,455,248	12,073,176,581	12,176,552,914	12,374,665,247	12,377,277,580	12,381,742,913	12,396,331,246	12,410,119,579	12,428,475,912	12,758,390,245	12,258,566,555	
20	General (Excludes Asset Retirement Costs - ARC)	(Note B)	p207.99.g	329,734,413	330,228,641	331,004,553	329,851,275	331,318,652	328,724,124	329,617,346	330,488,663	331,416,727	331,871,877	333,627,487	334,664,954	335,721,148	331,405,374	
21	Intangible - Electric	(Note B)	p205.5.g	11,647,395	11,647,395	11,647,395	11,647,395	11,647,395	11,647,395	11,406,246	11,406,246	11,235,671	11,235,671	11,235,671	11,235,671	11,235,671	11,451,940	
22	Common Plant in Service - Electric	(Note B)	p356	219,757,382	218,696,109	215,871,494	216,919,197	219,601,760	220,100,465	222,097,836	237,052,398	237,749,771	239,031,422	239,245,834	239,357,991	241,324,158	228,215,832	
24	General Plant Account 397 Communications	(Note B)	p207.94g	20,895,453	19,945,044	19,498,710	17,828,637	17,950,603	17,968,576	18,061,605	18,186,605	18,311,605	18,436,605	18,561,605	18,686,605	18,775,825	18,700,575	
25	Common Plant Account 397 Communications	(Note B)	p356	29,256,233	29,256,233	29,256,233	29,256,233	29,256,233	29,256,233	29,256,233	29,256,233	29,256,233	29,097,554	29,097,554	29,097,554	29,049,412	29,203,705	
29	Account No. 397 Directly Assigned to Transmission	(Note B)	Company Records	12,431,418	12,189,144	11,617,810	11,286,972	11,283,939	11,192,538	11,192,538	11,192,538	11,192,538	11,192,538	11,192,538	11,192,538	11,156,758	11,408,754	
	Accumulated Depreciation																	
32	Transmission Accumulated Depreciation	(Note B & J)		1,024,866,880	1,043,775,317	1,062,649,480	1,080,777,374	1,097,285,711	1,115,557,801	1,135,018,730	1,153,793,884	1,172,984,968	1,192,678,229	1,211,951,452	1,229,766,388	1,249,306,152	1,136,185,567	
33	Accumulated General Depreciation	(Note B & J)		172,947,040	172,879,422	173,103,977	171,394,781	172,467,213	169,494,932	170,021,775	170,537,677	171,119,065	171,238,502	172,678,224	173,408,963	173,156,816	171,880,645	
34	Accumulated Common Plant Depreciation & Amortization - Electric	(Note B & J)		91,361,165	91,912,372	90,576,169	92,410,881	93,419,439	95,148,281	96,295,023	98,036,815	99,857,869	101,460,420	102,867,917	104,045,532	105,935,636	97,179,040	
35	Accumulated General Depreciation Associated with Acct. 397	(Note B & J)		23,246,383	22,607,385	22,468,742	21,092,442	21,655,541	22,130,274	22,683,651	23,270,043	23,854,661	24,283,134	24,875,549	25,470,413	26,008,434	23,357,435	
41	Acc. Deprec. Acct. 397 Directly Assigned to Transmission	(Note B & J)	Company Records	12.656.462	12.515.764	12.041.245	11.804.466	11.895.465	11.897.336	11.990.607	12.083.878	12,177,149	12,270,420	12.363.691	12,456,962	12.514.156	12,205,200	

Wages & Salary

Line #s	Descriptions	Notes Page #'s & Instructions	End of Year
2	Total Wage Expense Total A&G Wages Expense	(Note A) p354.28b	207,904,693
3	Total A&G Wages Expense	(Note A) p354.27b	7,904,693
1	Transmission Wages	p354.21b	207,904,683 7,904,683 33,000,000

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		18,902,478	24,205,478	21,553,978

Prepayments

					Electric Beginning			wage & Salary	
	Line #s	Descriptions	Notes Page #'s & Instructions	Previous Year	Year Balance	Year Balance	Average Balance	Allocator	To Line 47
ı		Prepayments							
	47	Prepayments	(Note A & Q) p111.57c	1,679,232	1,679,232	1,679,232	1,679,232	16.500%	277,073

Materials and Supplies

			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 29,539,555	0 29,539,555	0 29,539,555

utstanding Network Credits Cost Suppor

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

O&M Expenses

Line #s	Descriptions	Notes Page #'s & Instructions	End of Year
59	Transmission O&M	(Note O) p.321.112.b	110,528,262
60	Transmission Lease Payments	p321.96.b	0

Property Insurance Expenses

Line	ne #s	Descriptions	Notes	Page #'s & Instructions	End of Year
	65	Property Insurance Account 924	(Note O)	p323.185b	3,877,140

### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 5 - Cost Support - December 31, 2019

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Adjustments	to A & G Expense				Page 2 or 3
Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year	
62	Total A&G Expenses		p223.197b	116,449,462	
63 64	Actual PBOP expense Actual PBOP expense	(Note J) (Note O)	Company Records Company Records	32,322,615 32,322,615	

Regulatory F	xpense Related to Transmission Cost Support		
Line#s	Descriptions	Notes Page #'s & Instructions	Tanamission End of Year
	Allocated General & Common Expenses	*****	
66	Regulatory Commission Exp Account 928	(Note E & O) p323.189b	10,559,683 -
	Directly Assigned A&G		

Directly Assigned A&G		
72 Regulatory Commission Exp Account 928	(Note G & O) p351.11-13h	755,558 755,558
General & Common Expenses		
Line #s Descriptions	Notes Page #'s & Instructions	End of Year EPRI Dues
68 Less EPRI Dues	(Note D & O) p352-353	0 0
Safety Related Advertising Cost Support		
Line #s Descriptions	Notes Page #'s & Instructions	Non-safety End of Year Safety Related Related
Directly Assigned A&G		
73 General Advertising Exp Account 930.1	(Note K & O) p323.191b	3,492,891 - 3,492,891
Education and Out Reach Cost Support		Final s
Line We Descriptions	Natura Page #6 & Instructions	Education & Other

				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	3,492,891	-	3,492,891

Depreciation I	Depreciation Expense						
Line #s	Descriptions	Notes Page #'s & Instructions	End of	of Year			
	Depreciation Expense						
81 82 83 85 89	Depreciation-Transmission Depreciation-General & Common Depreciation-General Expanse Associated with Acct. 397 Depreciation-Intangible Transmission Depreciation Expense for Acct. 397	(Note J & O) p336.7.1 (Note J & O) p336.10&11.f (Note J & O) Company Records (Note A & O) p336.1.1 (Note J & O) Company Records	291. 28. 4. 11.	1,319,276 8,572,417 4,771,700 1,230,055 1,132,353			

Direct Assign	ment of Transmission Real Estate Taxes				
Direct Assign	Helit of Hallshillssion Real Estate Taxes			Transmission	Non-
Line #s	Descriptions Notes	Page #'s & Instructions	End of Year	Related	Transmission
92	Real Estate Taxes - Directly Assigned to Transmission	p263.33i	22,188,000	8,848,000	13,340,000
PSE&G's real	estate taxes detail is in an access database which contains a list of the towns PSE&G pays taxes to, which ar	e billed on a quarterly basis for various parcels of property by major classification.			

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NJ 9.00%

Exhibit 1 Attachment 5 - Cost Support - December 31, 2019 17 of 54

Income Tax Rates

SIT=State Income Tax Rate or Composite

(Note I)

Return \ Capita	lization					Page 3 of 3
Line #s	Descriptions	Notes	Page #'s & instructions	2016 End of Year	2017 End of Year	Average
96	Proprietary Capital	(Note P)	p112.16.cd	8.774.388.796	9.903.935.472	9.339.162.134
97	Accumulated Other Comprehensive Income Account 219		p112.15.cd	816,474	499.494	657,984
99	Account 216.1	(Note P)	p119.53.c&d	3,187,722	422,555	1,805,139
101	Long Term Debt		p112.18.c,d thru 23.c,d	7,862,697,345	8,637,804,639	8,250,250,992
102	Loss on Reacquired Debt	(Note P)	p111.81.c,d	61,094,172	54,827,487	57,960,830
103	Gain on Reacquired Debt	(Note P)	p113.61.c,d	0	0	0
104	ADIT associated with Gain or Loss on Reacquired Debt		p277.3.k (footnote)	16,982,115	11,868,557	14,425,336
106	Preferred Stock	(Note P)	p112.3.c,d	0	0	0

Li	ne#s D	escriptions	Notes	Page #s & Instructions		State 1	State 2	State 3
М	ultiState Workpa	per						
L	106	Preferred Stock	(Note P)	p1123.cd	0	0	0	
	104	ADIT associated with Gain or Loss on Reacquired Debt	(Note P)	p113.61.c,d p277.3.k (Controle)	16,982,115	11,868,557	14,425,336	
	103	Gain on Reacquired Debt	(Note P)	p113.61.c,d	0	0	0	
	102	Loss on Reacquired Debt	(Note P)	p111.81.c,d	61,094,172	54,827,487	57,960,830	
	101	Long Term Debt	(Note P)	p112.18.c,d thru 23.c,d	7,862,697,345	8,637,804,639	8,250,250,992	

Amortized In	restment Tax Credit			
Line #s	Descriptions	tes Page #'s & Instructions	End of Year	ar
125	Amortized Investment Tax Credit	te O) p266.8.f	716	16,424
Excluded Tra	ensmission Facilities			

Line #s	Descriptions	Notes Page #'s & Ins	uctions Form 1Dec	Jan	Feb	Mar	Apr	ır	May	Jun	Jul	Aug	Sep	Oct	Nov	Form 1 Dec	Average
141	Excluded Transmission Facilities	(Note B & M)		0		0	0	0	0	0	0	0	0	0	0	0	0
Interest on O	utstanding Network Credits Cost Support																

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

Facility (	redits under Section 30.9 of the PJM OATT		
Line #s	Descriptions	Notes Page #'s & Instructions	End of Year
16	Revenue Requirement 3 Facility Credits under Section 30.9 of the PJM OATT		0

PJM Load	Cost Support			
Line #s	Descriptions	Notes	Page #'s & instructions	1 CP Peak
165	Network Zonal Service Rate 1 CP Peak	(Note L)	P.JM Data	9,978.3

ne #s	Descriptions		BRH F	Project	Project X	F	Project Y	
ttachment 7	a Beginning Balance of Unamortized Transmission Projects  b Years remaining in Amortization Period  t c Transmission Depreciation Expense Including Amortization of Limited Term Plant	Per FERC Order Per FERC Order (line a / line b)	\$ \$	- \$ - \$		- \$ - \$		-
	d Ending Balance of Unamortized Transmission Projects e Average Balance of Unamortized Abandoned Transmission Projects	(line a - line c) (line a + d)/2	s s	- S		- \$ - \$		-
ttachment 7	g Non Incentive Return and Income Taxes h Rate Base ' i Non Incentive Return and Income Taxes	(Appendix A line 137+ line 138) (Appendix A line 58) (line g / line h)	s s	- s - s		- \$ - \$		-

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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, 2019

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

- (i) Beginning with 2009, no later than June 15 of each year PSE&G shall recalculate an adjusted Annual Transmission Revenue Requirement for the previous calendar year based on its actual costs as reflected in its Form No. 1 and its books and records for that calendar year, consistent with FERC accounting policies. 2
- (ii) PSE&G shall determine the difference between the recalculated Annual Transmission Revenue Requirement as determined in paragraph (i) above, and ATRR based on projected costs for the previous calendar year (True-Up Adjustment Before Interest).
- (iii) The True-Up Adjustment shall be determined as follows:

True-Up Adjustment equals the True-Up Adjustment Before Interest multiplied by (1+i)^24 months

Where: i = Sum of (the monthly rates for the 10 months ending October 31 of the current year and the monthly rates for the 12 months ending December 31 of the preceding year) divided by 21 months.

#### Summary of Formula Rate Process including True-Up Adjustment

Month	Year	Action
July	2008	TO populates the formula with Year 2008 estimated data
October	2008	TO populates the formula with Year 2009 estimated data
June	2009	TO populates the formula with Year 2008 actual data and calculates the 2008 True-Up Adjustment Before Interest
October	2009	TO calculates the Interest to include in the 2008 True-Up Adjustment
October	2009	TO populates the formula with Year 2010 estimated data and 2008 True-Up Adjustment
June	2010	TO populates the formula with Year 2009 actual data and calculates the 2009 True-Up Adjustment Before Interest
October	2010	TO calculates the Interest to include in the 2009 True-Up Adjustment
October	2010	TO populates the formula with Year 2011 estimated data and 2009 True-Up Adjustment
June	(Year)	TO populates the formula with Year - 1 actual data and calculates the Year - 1 True-Up Adjustment Before Interest
October	(Year)	TO calculates the Interest to include in the Year - 1 True-Up Adjustment
October	(Year)	TO populates the formula with Year + 1 estimated data and Year - 1 True-Up Adjustment

- No True-Up Adjustment will be included in the Annual Transmission Revenue Requirement for 2008 or 2009 since 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. If the reconciliation is provided through a worksheet included in the filed Formula Rate template, the inputs to the worksheet must meet this transparency standard, and doing so will satisfy this transparency requirement for the amounts that are output from the worksheet and input to the main body of the Formula Rate.

Calendar Year Complete for Each Calendar Year beginning in 2009

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

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

Difference (A-B)

D Future Value Factor (1+i)^24

E True-up Adjustment (C\*D)

.... --- --- (- -)

Where

i = average interest rate as calculated below

Interest on Amount of Refunds or Surcharges

interest on Amount of	Refulius of Surchart	yes
Month	Yr	Month
January	Year 1	
February	Year 1	
March	Year 1	
April	Year 1	
May	Year 1	0.1000%
June	Year 1	
July	Year 1	
August	Year 1	
September	Year 1	
October	Year 1	
November	Year 1	0.1200%
December	Year 1	
January	Year 2	
February	Year 2	0.1300%
March	Year 2	0.1900%
April	Year 2	0.1900%
May	Year 2	0.1800%
June	Year 2	0.1800%
July	Year 2	0.1900%
August	Year 2	0.1800%
September	Year 2	0.1800%
Average Interest Rate	Э	0.1640%

1,211,730,993
1,185,164,918
26,566,074 <Note: for the first rate year, divide this
1,04011 reconciliation amount by 12 and multiply
27,631,675 by the number of months and fractional months the rate was in effect.

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2019

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2019

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							Estimated Tran	smission Enhanceme	ent Charges (Before True-U	p) - 2019						
								Branchburg-				Reconductor	Reconductor	Reconductor		
			1600 0				Metuchen	Flagtown-	E . O		Wave Trap		South Mahwah		Branchburg 400	
1	Total Projects	Branchburg (B0130)	(B0134)	Essex Aldene (B0145)	New Freedom Trans.(B0411)	New Freedom Loop (B0498)	Transformer (B0161)	Somerville (B0169)	Flagtown-Somerville- Bridgewater (B0170)	Roseland Transformers (B0274)	Branchburg (B0172.2)	Waterfront (B0813)	J-3410 Circuit (B1017)	(B1018)	(B0290)	Athenia Upgrade Cable (B0472)
	553,557,618	1,834,362	745,930	7,991,547	2,026,323	2,573,966	2,481,329	1,517,398	663,287	2.030.550	2.603	915,149	2,082,990	2,163,352	7.953.310	1,486,909

						Actu	al Transmission Enha	ancement Charges - 2017							
							Branchburg-				Reconductor	Reconductor	Reconductor		
						Metuchen	Flagtown-			Wave Trap	Hudson - South			Branchburg 400	Saddle Brook -
	Branchburg	Kittatinny	Essex Aldene	New Freedom	New Freedom	Transformer	Somerville	Flagtown-Somerville-	Roseland	Branchburg	Waterfront	J-3410 Circuit	K-3411 Circuit	MVAR Capacitor	Athenia Upgrade
Total Projects	(B0130)	(B0134)	(B0145)	Trans.(B0411)	Loop (B0498)	(B0161)	(B0169)	Bridgewater (B0170)	Transformers (B0274)	(B0172.2)	(B0813)	(B1017)	(B1018)	(B0290)	Cable (B0472)
586,633,835	2,199,535	894,158	9,579,601	2,429,204	3,084,762	2,973,432	1,818,367	794,917	2,433,270	3,120	1,096,394	2,495,347	2,591,411	9,526,626	1,781,001

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2019

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I							R	econciliation by Proje	ect (without interest)							
	Total Projects	Branchburg (B0130)	Kittatinny (B0134)	Essex Aldene (B0145)	New Freedom Trans.(B0411)	New Freedom Loop (80498)	Metuchen Transformer (B0161)	Branchburg- Flagtown- Somerville (B0169)	Flagtown-Somerville- Bridgewater (B0170)	Roseland Transformers (B0274)	Wave Trap Branchburg (B0172.2)	Reconductor Hudson - South Waterfront (B0813)	Reconductor South Mahwah J-3410 Circuit (B1017)		Branchburg 400 MVAR Capacitor (B0290)	
	18,367,317	22,750	11,267	107,822	30,507	39,187	18,534	23,171	10,097	23,225	39	14,096	32,165	33,499	(282,246)	23,078
													I			1
prost		1 04011	1 04011	1.04011	1 04011	1 04011	1 04011	1 04011	1 04011	1.04011	1 04011	1 04011	1.04011	1 04011	1 04011	1 04011

							True Up by Project	(with interest) -2017							
							Branchburg-				Reconductor	Reconductor	Reconductor		
			1			Metuchen	Flagtown-			Wave Trap		South Mahwah		Branchburg 400	Saddle Brook -
	Branchburg	Kittatinny	Essex Aldene	New Freedom	New Freedom	Transformer	Somerville	Flagtown-Somerville-	Roseland	Branchburg	Waterfront	J-3410 Circuit	K-3411 Circuit	MVAR Capacitor	Athenia Upgrade
Total Projects	(B0130)	(B0134)	(B0145)	Trans.(B0411)	Loop (B0498)	(B0161)	(B0169)	Bridgewater (B0170)	Transformers (B0274)	(B0172.2)	(B0813)	(B1017)	(B1018)	(B0290)	Cable (B0472)
19,104,055	23,662	11,719	112,147	31,731	40,759	19,278	24,101	10,502	24,156	41	14,661	33,455	34,843	(293,567)	24,004

						Estimated Trai	nsmission Enhancem	ent Charges (After True-Up	) - 2019						
							Branchburg-				Reconductor	Reconductor	Reconductor	B 11 100	
						Metuchen	Flagtown-			Wave Trap	Hudson - South			Branchburg 400	
	Branchburg	Kittatinny	Essex Aldene	New Freedom	New Freedom	Transformer	Somerville	Flagtown-Somerville-	Roseland	Branchburg	Waterfront			MVAR Capacitor	
Total Projects	(B0130)	(B0134)	(B0145)	Trans.(B0411)	Loop (B0498)	(B0161)	(B0169)	Bridgewater (B0170)	Transformers (B0274)	(B0172.2)	(B0813)	(B1017)	(B1018)	(B0290)	Cable (B0472)
572,661,672	1,858,024	757,649	8,103,694	2,058,054	2,614,725	2,500,607	1,541,499	673,790	2,054,706	2,644	929,810	2,116,445	2,198,195	7,659,743	1,510,913

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2019

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						Estima	ted Transmission Enl	nancement Charges (I	Before True-Up) - 2019						
Branchburg-		New Essex-											North Central		
Sommerville-	Somerville-	Keamy 138 kV						Susquehanna					Reliability (West		
Flagtown	Bridgewater	circuit and Kearny		230kV Lawrence	Branchburg-		Upgrade Camden-	Roseland	Susquehanna	Susquehanna	Burlington - Camden	Mickleton-Gloucester-	Orange	Northeast Grid	Northeast Grid
Reconductor	Reconductor								Roseland < 500KV	Roseland >	230kV Conversion	Camden(B1398-	Conversion)	Reliability Project	Reliability Project
(B0664 & B0665)	(B0668)	(B0814)	B1415)	Upgrade (B1228)	Rack (B1155)	Conversion (B1399)	Circuit (B1590)	B0489.15)	(B0489.4)	500KV (B0489)	(B1156)	B1398.7)	(B1154)	(B1304.1-B1304.4)	(B1304.5-B1304.21)
1,922,456	663,073	4,804,942	1,674,114	2,297,665	6,708,529	7,844,304	1,226,765	621,948	4,565,861	82,379,787	37,992,123	48,125,248	39,055,893	69,638,354	40,340,555

	Actual Transmission Enhancement Charges - 2017														
							Actual Transmiss	ion Enhancement Cha	arges - 2017						
					1					1	1				
Branchburg-		New Essex-											North Central		
Sommerville-	Somerville-	Keamy 138 kV						Susquehanna					Reliability (West		
Flagtown	Bridgewater	circuit and Kearny		230kV Lawrence			Upgrade Camden-	Roseland	Susquehanna	Susquehanna	Burlington - Camden	Mickleton-Gloucester-	Orange	Northeast Grid	Northeast Grid
Reconductor	Reconductor	138 kV bus tie	breakers (B1410-	Switching Station	Middlesex Switch	Aldene-Springfield Rd.	Richmond 230kV	Breakers (b0489.5	Roseland < 500KV	Roseland >	230kV Conversion	Camden(B1398-	Conversion)	Reliability Project	Reliability Project
(B0664 & B0665)	(B0668)	(B0814)	B1415)	Upgrade (B1228)	Rack (B1155)	Conversion (B1399)	Circuit (B1590)	B0489.15)	(B0489.4)	500KV (B0489)	(B1156)	B1398.7)	(B1154)	(B1304.1-B1304.4)	(B1304.5-B1304.21)
2,302,728	794,193	5,754,880	2,004,944	2,751,687	8,033,708	9,393,425	1,468,905	747,840	5,487,093	98,979,324	45,496,882	57,628,494	46,773,815	83,447,128	47,372,470

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2019

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							Reconciliatio	n by Project (without	interest)						
Branchburg- Sommerville- Flagtown Reconductor (B0664 & B0665)	Somerville- Bridgewater Reconductor (B0668)	New Essex- Kearny 138 kV circuit and Kearny 138 kV bus tie (B0814)	breakers (B1410-	230kV Lawrence Switching Station Upgrade (B1228)		Aldene-Springfield Rd. Conversion (B1399)	Upgrade Camden- Richmond 230kV Circuit (B1590)	Susquehanna Roseland Breakers (00489.5 B0489.15)	Susquehanna Roseland < 500KV (B0489.4)	Susquehanna Roseland > 500KV (B0489)	Burlington - Camden 230kV Conversion (81156)	Mickleton-Gloucester- Camden(B1398- B1398.7)	North Central Reliability (West Orange Conversion) (B1154)	Northeast Grid Reliability Project (B1304.1-B1304.4)	Northeast Grid Reliability Project (B1304.5-B1304.21)
29,824	10,304	69,757	25,704	(4,095)	(616,316)	112,526	19,300	9,863	73,313	1,180,037	563,821	635,764	581,364	1,544,975	(420,229)
1.04011	1.04011	1.04011	1.04011	1.04011	1.04011	1.04011	1 04011	1.04011	1 04011	1.04011	1.04011	1.04011	1.04011	1.04011	

							True Up by	Project (with inter	est)-2017						
								1							
								1							
Branchburg-		New Essex-											North Central		
Sommerville-	Somerville-	Keamy 138 kV						Susquehanna					Reliability (West		
Flagtown	Bridgewater	circuit and Kearny	Salem 500 kV	230kV Lawrence	Branchburg-		Upgrade Camden-	Roseland	Susquehanna	Susquehanna	Burlington - Camden	Mickleton-Gloucester-	Orange	Northeast Grid	Northeast Grid
Reconductor	Reconductor					Aldene-Springfield Rd.				Roseland >	230kV Conversion	Camden(B1398-	Conversion)	Reliability Project	Reliability Project
(B0664 & B0665)	(B0668)	(B0814)	B1415)	Upgrade (B1228)	Rack (B1155)	Conversion (B1399)	Circuit (B1590)	B0489.15)	(B0489.4)	500KV (B0489)	(B1156)	B1398.7)	(B1154)	(B1304.1-B1304.4)	(B1304.5-B1304.21)
31,020	10,717	72,555	26,735	(4,259)	(641,038)	117,040	20,074	10,259	76,254	1,227,370	586,437	661,265	604,683	1,606,946	(437,085)

						Estimated	Transmission Enh	nancement Charge	s (After True-Up) - 20	019					
Branchburg-		New Essex-											North Central		
Sommerville-	Somerville-	Keamy 138 kV						Susquehanna					Reliability (West		
Flagtown	Bridgewater	circuit and Kearny		230kV Lawrence	Branchburg-		Upgrade Camden-	Roseland	Susquehanna	Susquehanna		Mickleton-Gloucester-	Orange	Northeast Grid	Northeast Grid
Reconductor	Reconductor									Roseland >	230kV Conversion	Camden(B1398-	Conversion)	Reliability Project	Reliability Project
(B0664 & B0665)	(B0668)	(B0814)	B1415)	Upgrade (B1228)	Rack (B1155)	Conversion (B1399)	Circuit (B1590)	B0489.15)	(B0489.4)	500KV (B0489)	(B1156)	B1398.7)	(B1154)	(B1304.1-B1304.4)	(B1304.5-B1304.21)
1,953,476	673,790	4,877,498	1,700,850	2,293,406	6,067,491	7,961,344	1,246,839	632,207	4,642,115	83,607,157	38,578,560	48,786,513	39,660,576	71,245,300	39,903,470

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2019

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į							Estimate	ed Transmission Enh	nancement Charges (I	Before True-Up) - 2019						
		Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21)	"C" 138 kV circuit		North Ave - Bayonne 345 kV	North Ave - Airport 345 kV circuit and any associated substation	Linden "T" 138 kV	Airport - Bayway 345 kV circuit and any associated	circuit to Bayway, convert it to 345	to 345 kV and any	Convert the Bayway - Linden "\w" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)	Linden "M" 138 kV circuit to 345 kV and any associated	345 kV circuits to Marion 345 kV and any associated		New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437,11)
ł	20.259.634	7.333.080	5,418,467	19.099.824	, , , ,	7.651.848	5,614,480	10.287.504	5.653.720	5.653.720	,,	5.498.421	3.578.725	2.808.568	3,125,434	3.125.434

							Actual Trans	mission Enhancemer	nt Charges - 2017						
								Relocate the overhead portion							
						Relocate the		of Linden - North							
Convert the	Convert the	Convert the		Construct a new	Construct a new	underground portion	Construct a new	Ave "T" 138 kV	Convert the				Relocate the		New Bergen
Bergen - Marion	Marion - Bayonne	Marion - Bayonne		North Ave -	North Ave -	of North Ave -	Airport - Bayway	circuit to Bayway,	Bayway - Linden			Relocate Farragut -	Hudson 2		345/138 kV
138 kV path to	"L" 138 kV circuit	"C" 138 kV circuit	Construct a new	Bayonne 345 kV	Airport 345 kV	Linden "T" 138 kV	345 kV circuit	convert it to 345	"Z" 138 kV circuit	Convert the Bayway -	Convert the Bayway	Hudson "B" and "C"	generation to inject		transformer #1
double circuit 345	to 345 kV and any	to 345 kV and	Bayway - Bayonne	circuit and any	circuit and any	circuit to Bayway,	and any	kV, and any	to 345 kV and any	Linden "W" 138 kV	Linden "M" 138 kV	345 kV circuits to	into the 345 kV at	New Bergen 345/230	and any
kV and associated	associated	any associated	345 kV circuit and	associated	associated	convert it to 345 kV,	associated	associated	associated	circuit to 345 kV and	circuit to 345 kV and	Marion 345 kV and	Marion and any	kV transformer and	associated
substation	substation	substation	any associated	substation	substation	and any associated	substation	substation	substation	any associated	any associated	any associated	associated	any associated	substation
upgrades	upgrades	upgrades	substation upgrades	upgrades	upgrades	substation upgrades	upgrades	upgrades	upgrades	substation upgrades	substation upgrades	substation upgrades	upgrades	substation upgrades	upgrades
(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)
23,733,009	5,198,758	3,294,965	1,226,916	-	-	1,226,916	1,226,916	2,658,611	2,658,611	3,723,870	3,723,870	3,942,807	3,294,965	3,685,670	3,685,670

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2019

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							Reconciliation	by Project (without in	nterest)						
									l						
								Relocate the							
								overhead portion							
						Relocate the		of Linden - North							
Convert the	Convert the	Convert the		Construct a new		underground portion			Convert the				Relocate the		New Bergen
Bergen - Marion		Marion - Bayonne		North Ave -	North Ave -		Airport - Bayway		Bayway - Linden			Relocate Farragut -	Hudson 2		345/138 kV
138 kV path to		"C" 138 kV circuit				Linden "T" 138 kV	345 kV circuit	convert it to 345		Convert the Bayway					transformer #1
double circuit 345	to 345 kV and any	to 345 kV and	Bayway - Bayonne	circuit and any			and any	kV, and any		Linden "W" 138 kV		345 kV circuits to	into the 345 kV at	New Bergen 345/230	and any
kV and associated	associated	any associated	345 kV circuit and	associated	associated	convert it to 345 kV,	associated	associated	associated	circuit to 345 kV and	circuit to 345 kV and	Marion 345 kV and	Marion and any	kV transformer and	associated
substation	substation	substation	any associated	substation	substation	and any associated	substation	substation	substation	any associated	any associated	any associated	associated	any associated	substation
upgrades	upgrades	upgrades	substation upgrades	upgrades	upgrades	substation upgrades	upgrades	upgrades	upgrades	substation upgrades	substation upgrades	substation upgrades	upgrades	substation upgrades	upgrades
(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)
414,171	1,999,208	95,416	136,575	-	-	(237,130)	136,575	750,046	750,046	986,770	986,770	98,841	3,294,965	279,991	279,991
1.04011	1.04011	1.04011	1 04011	1.04011	1.04011	1.04011	1.04011	1.04011	1.04011	1.04011	1.04011	1.04011	1.04011	1.04011	1.04011

							True Up by	Project (with inter	est)-2017						
							1	,							
								Relocate the							
								overhead portion							
						Relocate the		of Linden - North							
Convert the	Convert the	Convert the		Construct a new	Construct a new	underground portion	Construct a new	Ave "T" 138 kV	Convert the				Relocate the		New Bergen
Bergen - Marion	Marion - Bayonne			North Ave -	North Ave -				Bayway - Linden			Relocate Farragut -	Hudson 2		345/138 kV
138 kV path to	"L" 138 kV circuit	"C" 138 kV circuit	Construct a new	Bayonne 345 kV	Airport 345 kV	Linden "T" 138 kV	345 kV circuit			Convert the Bayway	Convert the Bayway	Hudson "B" and "C"	generation to inject		transformer #1
double circuit 345	to 345 kV and any	to 345 kV and	Bayway - Bayonne	circuit and any	circuit and any	circuit to Bayway,	and any			Linden "W" 138 kV				New Bergen 345/230	and any
kV and associated	associated	any associated	345 kV circuit and	associated	associated	convert it to 345 kV,	associated	associated	associated	circuit to 345 kV and	circuit to 345 kV and	Marion 345 kV and	Marion and any	kV transformer and	associated
substation	substation	substation	any associated	substation	substation	and any associated	substation	substation	substation	any associated	any associated	any associated	associated	any associated	substation
upgrades	upgrades	upgrades	substation upgrades	upgrades	upgrades	substation upgrades	upgrades	upgrades	upgrades	substation upgrades	substation upgrades	substation upgrades	upgrades	substation upgrades	upgrades
(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)
430,784	2,079,399	99,243	142,053	-	-	(246,642)	142,053	780,131	780,131	1,026,350	1,026,350	102,805	3,427,131	291,222	291,222

						Estimated 1	Transmission Ent	ancement Charge	s (After True-Up) -	2019					
Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any association		Construct a new	North Ave - Bayonne 345 kV circuit and any	North Ave - Airport 345 kV circuit and any associated	Relocate the underground portion of North Ave - Linden "T" 138 kV	Construct a new Airport - Bayway 345 kV circuit and any associated	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any		Linden "M" 138 kV	345 kV circuits to		New Bergen 345/230 kV transformer and any associated	New Bergen 345/138 kV transformer #1 and any associated substation
upgrades	upgrades		substation upgrades			substation upgrades	upgrades	upgrades	upgrades	substation upgrades			upgrades	substation upgrades	upgrades
(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)
20,690,418	9,412,479	5,517,710	19,241,877	14,512,271	7,651,848	5,367,838	10,429,557	6,433,851	6,433,851	6,362,116	6,524,772	3,681,530	6,235,699	3,416,657	3,416,657

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2019

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						Estimat	ed Transmission Enhanc	ement Charges (Before True-Up	) - 2019						
New Bayw 345/138 k transformer and any associate	/ #1 New Bayway 345/138 kV	New Linden 345/230 kV	New Bayonne 345/69 kV	Upgrade Fagle								Marion 138 kV path to double circuit 345	Bayonne "L" 138 kV	circuit to 345 kV and	Construct a new Bayway - Bayonne 345 kV circuit and any associated
substatio upgrades (B2437.20	any associated substation upgrades	transformer and any			Mickleton-Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner- Lumberton 230kV Circuit (B1787)	Install Conemaugh 250MVAR Cap Bank (B0376)	Reconfigure Kearny- Loop in P2216 Ckt (B1589)	Reconfigure Brunswick Sw-New 69kVCkt-T (B2146)	350 MVAR Reactor Hopatcong 500kV (B2702)	substation upgrades (B2436.10) (CWIP)			substation upgrades (B2436.33) (CWIP)
1,813	204 1,813,178	2,408,461	1,615,108	1,324,570	2,124,521	4,937,889	3,547,715	123,362	2,592,047	17,362,581	2,607,459	0	0	0	0

							Actual Transmission E	nhancement Charges - 2017							
1															
New Bayway 345/138 kV												Convert the Bergen -	Constitution Marine	Comment that Marian	0
transformer #1	New December		New Bayonne											Convert the Marion - Bayonne "C" 138 kV	Construct a new
and any	New Bayway 345/138 kV		345/69 kV									to double circuit 345		circuit to 345 kV and	Bayway - Bayonne 345 kV circuit and
		New Linden 345/230 kV		Hannada Faula								kV and associated			
associated														any associated	any associated
substation	any associated	transformer and any			Mickleton-Gloucester	Ridge Road 69kV	Cox's Corner-		Reconfigure Kearny-		350 MVAR Reactor			substation upgrades	substation upgrades
upgrades	substation upgrades	associated substation	substation upgrades	230kV Circuit	230kV Circuit	Breaker Station	Lumberton 230kV	250MVAR Cap Bank	Loop in P2216 Ckt	Brunswick Sw-New	Hopatcong 500kV	(B2436.10)	(B2436.21)	(B2436.22)	(B2436.33)
(B2437.20)	(B2437.21)	upgrades (B2437.30)	(B2437.33)	(B1588)	(B2139)	(B1255)	Circuit (B1787)	(B0376)	(B1589)	69kVCkt-T (B2146)	(B2702)	(CWIP)	(CWIP)	(CWIP)	(CWIP)
1,227,172	1,227,153	1,684,077	0	1,586,839	2,542,906	1,582,248	4,250,525	147,691	21,554	2,475,231	0	43,159	1,723,268	829,190	11,692,332

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2019

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							Reconciliation by I	Project (without interest)							
New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33)		Mickleton-Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner- Lumberton 230kV Circuit (B1787)	Install Conemaugh 250MVAR Cap Bank (80376)	Reconfigure Kearny- Loop in P2216 Ckt (B1589)	Reconfigure Brunswick Sw-New 69kVCkt-T (B2146)	350 MVAR Reactor	Convert the Bergen Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (CWIP)	Bayonne "L" 138 kV circuit to 345 kV and any associated	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (CWIP)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrade (B2486.33) (CWIP)
136,831	136,812	(3,225,280)	0	20,927	64,250	93,648	93,375	147,691	21,554	2,475,231	0	(476,643)	(577,456)	(257,931)	3,234,40
	-											-			
1 04011	1 04011	1 04011	1 04011	1 04011	1 04011	1 04011	1 04011	1 04011	1 04011	1 04011	1 04011	1 04011	1 04011	1.04011	1.0

							True Up by Pro	ject (with interest)-2017							
New Bayway															
345/138 kV												Convert the Bergen -	Convert the Marion -	Convert the Marion -	Construct a new
transformer #1	New Bayway		New Bayonne									Marion 138 kV path	Bayonne "L" 138 kV	Bayonne "C" 138 kV	Bayway - Bayonne
and any	345/138 kV		345/69 kV									to double circuit 345	circuit to 345 kV	circuit to 345 kV and	345 kV circuit and
associated	transformer #2 and	New Linden 345/230 kV	transformer and any	Upgrade Eagle								kV and associated		any associated	any associated
substation	any associated	transformer and any	associated		Mickleton-Gloucester		Cox's Corner-		Reconfigure Kearny-		350 MVAR Reactor			substation upgrades	substation upgrades
upgrades	substation upgrades	associated substation	substation upgrades	230kV Circuit	230kV Circuit	Breaker Station	Lumberton 230kV	250MVAR Cap Bank	Loop in P2216 Ckt	Brunswick Sw-New	Hopatcong 500kV	(B2436.10)	(B2436.21)	(B2436.22)	(B2436.33)
(B2437.20)	(B2437.21)	upgrades (B2437.30)	(B2437.33)	(B1588)	(B2139)	(B1255)	Circuit (B1787)	(B0376)	(B1589)	69kVCkt-T (B2146)	(B2702)	(CWIP)	(CWIP)	(CWIP)	(CWIP)
142,320	142,300	(3,354,650)	0	21,767	66,827	97,405	97,120	153,615	22,419	2,574,516	0	(495,762)	(600,619)	(268,277)	3,364,137

						Estimated 1	Transmission Enhance	ement Charges (After True	-Up) - 2019						
New Bayway															
345/138 kV														Convert the Marion -	Construct a new
transformer #1	New Bayway		New Bayonne									Marion 138 kV path			Bayway - Bayonne
and any	345/138 kV		345/69 kV									to double circuit 345	circuit to 345 kV	circuit to 345 kV and	345 kV circuit and
associated	transformer #2 and	New Linden 345/230 kV											and any associated		any associated
substation	any associated	transformer and any	associated	Point-Gloucester	Mickleton-Gloucester	Ridge Road 69kV	Cox's Corner-	Install Conemaugh	Reconfigure Kearny-	Reconfigure	350 MVAR Reactor	substation upgrades	substation upgrades	substation upgrades	substation upgrades
upgrades	substation upgrades	associated substation	substation upgrades		230kV Circuit	Breaker Station	Lumberton 230kV	250MVAR Cap Bank		Brunswick Sw-New		(B2436.10)	(B2436.21)	(B2436.22)	(B2436.33)
(B2437.20)	(B2437.21)	upgrades (B2437.30)	(B2437.33)	(B1588)	(B2139)	(B1255)	Circuit (B1787)	(B0376)	(B1589)	69kVCkt-T (B2146)	(B2702)	(CWIP)	(CWIP)	(CWIP)	(CWIP)
1,955,524	1,955,478	(946,189)	1,615,108	1,346,337	2,191,349	5,035,294	3,644,836	276,977	2,614,466	19,937,097	2,607,459	(495,762)	(600,619)	(268,277)	3,364,137

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2019

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						Estima	ated Transmission Enhan	cement Charges (Before 1	rue-Up) - 2019						
		Relocate the													
		underground													
		portion of North													
		Ave - Linden "T"		Relocate the overhead											
		138 kV circuit to		portion of Linden -											
Construct a new		Bayway, convert it					Convert the Bayway -					New Bayway	New Bayway		
North Ave - Bayon	ne North Ave - Airport	to 345 kV, and any	Construct a new	circuit to Bayway,	Linden "Z" 138 kV	Linden "W" 138 kV	Linden "M" 138 kV	Hudson "B" and "C"	Relocate the Hudson 2		New Bergen 345/138	345/138 kV	345/138 kV	New Linden 345/230	
345 kV circuit an	345 kV circuit and	associated	Airport - Bayway 345	convert it to 345 kV,	circuit to 345 kV and	circuit to 345 kV and				New Bergen 345/230		transformer #1 and	transformer #2 and	kV transformer and	New Bayonne 345/69
any associated	any associated	substation	kV circuit and any	and any associated	any associated	any associated	any associated	Marion 345 kV and any	the 345 kV at Marion	kV transformer and any	and any associated	any associated	any associated	any associated	kV transformer and any
	es substation upgrades	upgrades	associated substation	substation upgrades						associated substation					associated substation
(B2436.34)	(B2436.50)	(B2436.60)	upgrades (B2436.70)	(B2436.81)	(B2436.83)	(B2436.84)	(B2436.85)	upgrades (B2436.90)	upgrades (B2436.91)	upgrades (B2437.10)	(B2437.11)	(B2437.20)	(B2437.21)	(B2437.30)	upgrades (B2437.33)
(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)
	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

							Actual Transmission	Enhancement Charges - 2	017						
		Relocate the													
		underground													
		portion of North													
		Ave - Linden "T"		Relocate the overhead											
		138 kV circuit to		portion of Linden -											
Construct a nev	Construct a new	Bayway, convert it		North Ave "T" 138 kV								New Bayway	New Bayway		
North Ave - Bayor	ne North Ave - Airport							Hudson "B" and "C"			New Bergen 345/138			New Linden 345/230	
345 kV circuit an	345 kV circuit and	associated	Airport - Bayway 345	convert it to 345 kV,	circuit to 345 kV and	circuit to 345 kV and				New Bergen 345/230		transformer #1 and	transformer #2 and	kV transformer and	New Bayonne 345/69
any associated	any associated	substation	kV circuit and any	and any associated	any associated	any associated				kV transformer and any		any associated	any associated		kV transformer and any
	es substation upgrades									associated substation					
(B2436.34)	(B2436.50)	(B2436.60)	upgrades (B2436.70)	(B2436.81)	(B2436.83)	(B2436.84)	(B2436.85)	upgrades (B2436.90)	upgrades (B2436.91)	upgrades (B2437.10)	(B2437.11)	(B2437.20)	(B2437.21)	(B2437.30)	upgrades (B2437.33)
(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)
9,031,6	0 4,902,694	2,000,778	5,839,024	752,918	752,918	1,072,332	1,072,332	91,333	2,823	23,661	10,803	456,263	455,980	2,983,144	731,664

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## Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2019

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							Reconciliation by Pr	oject (without interest)							
		Relocate the underground													
		portion of North		L											
		Ave - Linden "T" 138 kV circuit to		Relocate the overhead portion of Linden -											
Construct a new		Bayway, convert it		North Ave "T" 138 kV				Relocate Farragut -				New Bayway	New Bayway		
North Ave - Bayonne	North Ave - Airport	to 345 kV, and any	Construct a new	circuit to Bayway,	Linden "Z" 138 kV	Linden "W" 138 kV	Linden "M" 138 kV	Hudson "B" and "C"	Relocate the Hudson 2		New Bergen 345/138	345/138 kV	345/138 kV	New Linden 345/230	
345 kV circuit and	345 kV circuit and		Airport - Bayway 345	convert it to 345 kV,	circuit to 345 kV and	circuit to 345 kV and	circuit to 345 kV and					transformer #1 and	transformer #2 and		New Bayonne 345/69
any associated	any associated	substation	kV circuit and any	and any associated	any associated	any associated	any associated	Marion 345 kV and any	the 345 kV at Marion	kV transformer and any	and any associated	any associated	any associated	any associated	kV transformer and any
substation upgrades	substation upgrades	upgrades	associated substation	substation upgrades	substation upgrades	substation upgrades	substation upgrades	associated substation	and any associated	associated substation	substation upgrades	substation upgrades	substation upgrades	substation upgrades	associated substation
(B2436.34)	(B2436.50)	(B2436.60)	upgrades (B2436.70)	(B2436.81)	(B2436.83)	(B2436.84)	(B2436.85)	upgrades (B2436.90)	upgrades (B2436.91)	upgrades (B2437.10)	(B2437.11)	(B2437.20)	(B2437.21)	(B2437.30)	upgrades (B2437.33)
(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)
1,866,304	426,517	19,034	358,863	(184,646)	(184,646)	(155,816)	(155,816)	(106,562)	(83,017)	(107,057)	(123,117)	(37,269)	(37,584)	1,291,724	(202,345)
						,									
1.04011	1.04011	1.04011	1.04011	1.04011	1.04011	1.04011	1.04011	1.04011	1.04011	1.04011	1.04011	1.04011	1.04011	1.04011	1.04011

							True Up by Proj	ect (with interest) -2017	7						
		Relocate the													
		underground													
		portion of North													
		Ave - Linden "T"		Relocate the overhead											
		138 kV circuit to		portion of Linden -											
Construct a new	Construct a new	Bayway, convert it		North Ave "T" 138 kV	Convert the Bayway -	Convert the Bayway -	Convert the Bayway -	Relocate Farragut -				New Bayway	New Bayway		
North Ave - Bayonne	North Ave - Airport	to 345 kV, and any	Construct a new	circuit to Bayway,	Linden "Z" 138 kV	Linden "W" 138 kV	Linden "M" 138 kV	Hudson "B" and "C"	Relocate the Hudson 2		New Bergen 345/138	345/138 kV	345/138 kV	New Linden 345/230	
345 kV circuit and	345 kV circuit and	associated	Airport - Bayway 345	convert it to 345 kV,	circuit to 345 kV and	circuit to 345 kV and		345 kV circuits to				transformer #1 and	transformer #2 and	kV transformer and	New Bayonne 345/69
any associated	any associated	substation	kV circuit and any	and any associated	any associated	any associated	any associated	Marion 345 kV and any	the 345 kV at Marion	kV transformer and any	and any associated	any associated	any associated	any associated	kV transformer and any
			associated substation	substation upgrades				associated substation						substation upgrades	associated substation
(B2436.34)	(B2436.50)	(B2436.60)	upgrades (B2436.70)	(B2436.81)	(B2436.83)	(B2436.84)	(B2436.85)	upgrades (B2436.90)	upgrades (B2436.91)	upgrades (B2437.10)	(B2437.11)	(B2437.20)	(B2437.21)	(B2437.30)	upgrades (B2437.33)
(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)
1,941,164	443,625	19,797	373,258	(192,052)	(192,052)	(162,066)	(162,066)	(110,837)	(86,347)	(111,351)	(128,056)	(38,764)	(39,092)	1,343,537	(210,461)

						Estimated	Transmission Enhai	ncement Charges (Afte	r True-Up) - 2019						
		Relocate the													
		underground													
		portion of North													
		Ave - Linden "T"		Relocate the overhead											
		138 kV circuit to		portion of Linden -											
Construct a new		Bayway, convert it						Relocate Farragut -				New Bayway	New Bayway		
North Ave - Bayonn	e North Ave - Airport	to 345 kV, and any	Construct a new	circuit to Bayway,	Linden "Z" 138 kV	Linden "W" 138 kV	Linden "M" 138 kV	Hudson "B" and "C"	Relocate the Hudson 2		New Bergen 345/138	345/138 kV	345/138 kV	New Linden 345/230	
345 kV circuit and	345 kV circuit and	associated	Airport - Bayway 345	convert it to 345 kV,	circuit to 345 kV and	circuit to 345 kV and		345 kV circuits to				transformer #1 and	transformer #2 and		New Bayonne 345/69
any associated	any associated	substation	kV circuit and any	and any associated	any associated	any associated	any associated	Marion 345 kV and any				any associated	any associated		kV transformer and any
	s substation upgrades			substation upgrades				associated substation							
(B2436.34)	(B2436.50)	(B2436.60)	upgrades (B2436.70)	(B2436.81)	(B2436.83)	(B2436.84)	(B2436.85)	upgrades (B2436.90)	upgrades (B2436.91)	upgrades (B2437.10)	(B2437.11)	(B2437.20)	(B2437.21)	(B2437.30)	upgrades (B2437.33)
(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)
1,941,16	443,625	19,797	373,258	(192,052)	(192,052)	(162,066)	(162,066)	(110,837)	(86,347)	(111,351)	(128,056)	(38,764)	(39,092)	1,343,537	(210,461)

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### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2019

Fixed Charge Rate (FCR) I find a CIAC

Formal Libe
152

Replace Charge Rate (FCR) I find a CIAC
153

Replace Charge Rate (FCR) I find a CIAC
154

Replace Charge Rate (FCR) I find a CIAC
155

Replace Charge Rate (FCR) I find a CIAC
155

Replace Charge Rate (FCR) I find a CIAC
155

Replace Charge Rate (FCR) I find a CIAC
155

Replace Charge Rate (FCR) I find a CIAC
155

Replace Charge Per 100 Basis Point in ROE without Depreciation 9.43%
Replace Charge Per 100 Basis Point in ROE without Depreciation 10.00%
Line B less Line A 0.57%
Replace Charge Per 100 Basis Point in ROE without Depreciation 9.43%
Replace Charge Rate (FCR) I find a CIAC
155

Replace Charge Rate (FCR) I find a CIAC
156

Replace Charge Rate (FCR) I find a CIAC
157

Replace Charge Rate (FCR) I find a CIAC
157

Replace Charge Rate (FCR) I find a CIAC
158

Replace Charge Rate (FCR) I find a CIAC
158

Replace Charge Rate (FCR) I find a CIAC
158

Replace Charge Rate (FCR) I find a CIAC
158

Replace Charge Rate (FCR) I find a CIAC
158

Replace Charge Rate (FCR) I find a CIAC
158

Replace Charge Rate (FCR) I find a CIAC
158

Replace Charge Rate (FCR) I find a CIAC
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Replace Charge Rate (FCR) I find a CIAC
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Replace Charge Rate (FCR) I find a CIAC
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Replace Charge Rate (FCR) I find a CIAC
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Replace Charge Rate (FCR) I find a CIAC
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Replace Charge Rate (FCR) I find a CIAC
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Replace Charge Rate (FCR) I find a CIAC
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Replace Charge Rate (FCR) I find a CIAC
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Replace Charge Rate (FCR) I find a CIAC
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Replace Charge Rate (FCR) I find a CIAC
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Replace Charge Rate (FCR) I find a CIAC
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Replace Charge Rate (FCR) I find a CIAC
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Replace Charge Rate (FCR) I find a CIAC
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Replace Charge Rate (FCR) I find a CIAC
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Replace Charge Rate (FCR) I find a CIAC
158

Replace Charge Rate (FCR) I find a CIAC
158

Replace Charge Rate (FCR) I find a CIAC
158

Replace Charge Rate (FCR) I find a CIAC
158

Re

			1											
10	Details		Bra	nchburg (B0130)		к	ittatinny (B0134)			Essex Aldene (B0145	, I	New F	reedom Trans.(B04	(1)
"Yes" if a project under PJM	Details		- Die	nemburg (De 150)			attaching (D0104)			LUSEX AIGUIC (DO145		14641 1	recuoni mana,bov	
OATT Schedule 12, otherwis														
11 "No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12 Useful life of the project "Yes" if the customer has pai	Life		42			42			42			42		
lumpsum payment in the am														
of the investment on line 29,														
13 Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
Input the allowed increase in 14 ROE	Increased ROE (Basis Points)		0			0			0			0		
From line 3 above if "No" on			0			0			U					
13 and From line 7 above if														
15 "Yes" on line 13	11.68% ROE		9.43%			9.43%			9.43%			9.43%		
Line 14 plus (line 5 times line														
16 15)/100 Service Account 101 or 106 i	FCR for This Project		9.43%			9.43%			9.43%			9.43%		
yet classified - End of year														
17 balance	Investment		20,645,602			8,069,022			86,467,721			22,188,863		
18 Line 17 divided by line 12	Annual Depreciation or Amort Exp		491.562			192.120			2.058.755			528.306		
Months in service for			451,002			152,120			2,030,733			028,300		
19 depreciation expense from			13.00			13.00			13.00			13.00		
Year placed in Service (0 if on CWIP)			2006			2007			2007					
20 CWIP)			2006			2007			2007			2007		
				Depreciation or			Depreciation or			Depreciation or			Depreciation or	
21		Invest Yr	Ending	Amortization	Revenue	Endina	Amortization	Revenue	Ending	Amortization	Revenue	Endina	Amortization	Revenue
22	W 11.68 % ROE	2006	20,680,597	492,395	4,652,471									
23 24	W Increased ROE W 11.68 % ROE	2006 2007	20,680,597 20,188,202	492,395 492,395	4,652,471 4,553,422	8.069.022	80.050	1.703.202	86.565.629	858,786	18.272.191	22.188.863	484.281	4.947.757
25	W Increased ROE	2007	20,188,202	492,395	4,553,422	8,069,022	80,050	1,703,202	86,565,629	858,786	18,272,191	22,188,863	484,281	4,947,757
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
28	W 11.68 % ROE	2009	19,203,412	492,395	4,523,234	7,796,853	192,120	1,828,696	83,645,756	2,061,086	19,618,517	21,176,276	528,306	4,973,254
29	W Increased ROE	2009	19,203,412	492,395	4,523,234	7,796,853	192,120	1,828,696	83,645,756	2,061,086	19,618,517	21,176,276	528,306	4,973,254
30	W 11.68 % 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
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 W Increased ROE	2011	18,218,621	492,395 492,395	3,746,858 3,746,858	7,412,613 7,412,613	192,120	1,516,263	79,523,584 79.523,584	2,061,086 2,061,086	16,266,692 16,266,692	20,119,663 20,119,663	528,306 528,306	4,122,360
33	W 11.68 % ROE	2011 2012	18,218,621 17,726,226	492,395 492.395	3,746,858	7,412,613	192,120 192,120	1,516,263 1,276,451	79,523,584	2,061,086	15,265,692	20,119,663	528,306 528.306	4,122,360 3,470,422
35	W Increased ROF	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 11.68 % ROE	2013	17,233,831	492,395	2,886,756	7,028,374	192,120	1,168,598	75,401,411	2,061,086	12,536,886	19,063,051	528,306	3,176,807
37	W Increased ROE	2013	17,233,831	492,395	2,886,756	7,028,374	192,120	1,168,598	75,401,411	2,061,086	12,536,886	19,063,051	528,306	3,176,807
36	W 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	15,229,564	491,562	2,199,535	6,259,896	192,120	894,158	67,061,488	2,058,755	9,579,601	16,949,826	528,306	2,429,204
45	W Increased ROE	2017	15,229,564	491,562	2,199,535	6,259,896	192,120	894,158	67,061,488	2,058,755	9,579,601	16,949,826	528,306	2,429,204
46	W 11.68 % 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
47	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
44	W 11.68 % ROE W Increased ROE	2019 2019	14,246,440 14,246,440	491,562 491,562	1,834,362 1,834,362	5,875,657 5.875,657	192,120 192,120	745,930 745,930	62,943,978 62,943,978	2,058,755 2,058,755	7,991,547 7,991,547	15,893,213 15,893,213	528,306 528,306	2,026,323
45	vv increased KOE	2019	14,246,440	491,562	1,834,362	5,8/5,657	192,120	/45,930	62,943,978	2,058,755	7,991,547	15,893,213	528,306	2,026,323

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### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2019

Formula Line

Repair Carrying Charge

Formula Line

Repair Charge without Depreciation

Repair Charge

10		Details		New	Freedom Loop (B0	498)	Metu	chen Transformer (	B0161)	Branchburg	-Flagtown-Somervi	ille (B0169)	Flagtown-S	omerville-Bridgewa	ter (B0170)
	"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 ROF	l		_			_						_		
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		9.43%			9.43%			9.43%			9.43%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.43%			9.43%			9.43%			9.43%		
16	Service Account 101 or 106 if not	rok idi ililis ridjett		5.43%			5.4376			5.4376			5.43%		
	yet classified - End of year	l													
17	balance	Investment		27,005,248			25,654,455			15,731,554			6,961,495		
		Annual Depreciation or Amort Exp													
18	Line 17 divided by line 12	remain Depreciation of remote 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		
21			Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22		W 11.68 % ROE	2006	Elidilid	Amortization	Keveliue	Endina	Amortization	Reveilde	Enama	Amortization	Kevelide	Elidilid	Amortization	Reveilue
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
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 W 11.68 % ROE	2008 2009	24,921,237 26.916.602	88,646 642,982	837,584 6.292.837	19.700.217	288.478	2.831.673	15.773.880	234.561	2.302.423	6,961,495 6,936,122	25,372 165.750	239,734 1.621,657
20		W Increased ROE	2009	26,916,602	642,982	6.292.837	19,700,217	288,478	2.831.673	15,773,880	234,561	2,302,423	6.936.122	165,750	1,621,657
30		W 11.68 % ROE	2010	26,273,620	642,982	5,703,044	25,488,527	613,738	5,522,598	15,539,319	375,568	3,368,301	6,770,372	165,750	1,469,662
31		W Increased ROE	2010	26,273,620	642,982	5,703,044	25,488,527	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	2012 2012	24,987,652 24,987,652	642,982 642,982	4,395,482 4,395,482	24,282,576	614,263 614,263	4,260,879 4,260,879	14,746,864	374,561 374,561	2,589,159 2,589,159	6,438,873 6,438,873	165,750	1,132,702
35		W Increased ROE W 11.68 % ROE	2012	24,987,652	642,982	4,395,482	24,282,576 23,668,312	614,263	4,260,879 3.902.590	14,746,864	374,561	2,589,159	6,438,873	165,750 165,750	1,132,702
37		W Increased ROE	2013	24,344,669	642,982	4,025,278	23,668,312	614,263	3,902,590	14,372,303	374,561	2,371,359	6.273,123	165,750	1,037,298
38		W 11.68 % ROE	2014	23,701,687	642,982	3,563,358	23,054,049	614,263	3,454,841	13,997,743	374,561	2,099,276	6,107,373	165,750	918,263
39		W Increased ROE	2014	23,701,687	642,982	3,563,358	23,054,049	614,263	3,454,841	13,997,743	374,561	2,099,276	6,107,373	165,750	918,263
40		W 11.68 % ROE	2015	23,058,705	642,982	3,346,067	22,439,786	614,263	3,244,794	13,623,182	374,561	1,971,555	5,941,623	165,750	862,264
41		W Increased ROE	2015	23,058,705	642,982	3,346,067	22,439,786	614,263	3,244,794	13,623,182	374,561	1,971,555	5,941,623	165,750	862,264
42		W 11.68 % ROE	2016	22,415,723	642,982	3,208,097	21,819,123	614,111	3,110,954	13,248,621	374,561	1,890,650	5,775,874	165,750	826,705
43		W Increased ROE	2016 2017	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
44		W 11.68 % ROE W Increased ROE	2017	21,772,741	642,982 642,982	3,084,762	21,066,812	610,820 610.820	2,973,432	12,874,060 12,874,060	374,561 374,561	1,818,367	5,610,124	165,750 165,750	794,917
45		W Increased ROE W 1168 % ROF	2017	21,772,741	642,982	2,665,229	21,066,812 20,452,549	610,820	2,973,432	12,874,060	374,561	1,818,367	5,610,124 5,444,374	165,750	794,917 686,810
46		W Increased 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
		W 11.68 % ROE	2019	20,486,777	642,982	2,573.966	19.845.171	610,820	2,566,254	12,499,499	374,561	1,517,398	5,444,374	165,750	663.287
44		W Increased ROE	2019	20,486,777	642.982	2,573,966	19.845,171	610.820	2,481,329	12.124.939	374.561	1.517.398	5.278.624	165.750	663,287

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### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2019

Page 3 of 23

Fixed Charge Rate (FCR) If If not a CIAC

Formula Line

A 102
199 Met Plant Carrying Charge without Depreciation 9 4.0%
100 Net Plant Carrying Charge without Depreciation 9 0.0%
100 Net Plant Carrying Charge without Depreciation 9 0.0%
100 Net Plant Carrying Charge without Depreciation 9 0.057%
100 PCR If a CIAC

FOR If a CIAC

FOR If a CIAC

The FCR resulting from Formula in a given year is used for that year only.
The FCR resulting from Formula in a given year is used for that year only.
The FCR resulting from Formula in a given year is used for that year only.
Per FCR Collection 20, 200 only to be the Inchessal of Maladilly Population 1925,
and the Collection 20, 200 only to be become efficient jumps 1, 2012.
For alumination of page 1, 1, 1, 5, and it will be from fromton be assuminated by FERC in become efficient jumps 1, 2012.
For alumination of page 1, 1, 1, 5, and it will be from fromton be assuminated by FERC in become efficient jumps 1, 2012.
For alumination in Profess, Line 17 in the International Profess. Line of the Blochess 1, 2014 in year jumps in a page on one.

10		Details		Roselar	nd Transformers (BI	1274)	Wave	Trap Branchburg (BC	1172.2)	Reconductor H	Hudson - South Waterfrom	nt (B0813)	Reconductor S	iouth Mahwah J-3410 Circ	uit (B1017)
	"Yes" if a project under PJM														
	OATT Schedule 12, otherwise "No"			Yes			Yes								
11		Schedule 12	(Yes or No)							Yes			Yes		
12	"Yes" if the customer has paid a	Life		42			42			42			42		
	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 Points)		0			0			0			0		
	From line 3 above if "No" on line	(====,		-						-			-		
	13 and From line 7 above if														
15	"Yes" on line 13	11.68% ROE		9.43%			9.43%			9.43%			9.43%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.43%			9.43%			9.43%			9.43%		
	Service Account 101 or 106 if not						2.1070			207			2.7374		
1	yet classified - End of year									1					
17	balance	Investment		21,014,433			27,988			9,158,918			20,626,991		
1		Annual Depreciation or Amort Exp								1					
18	Line 17 divided by line 12	Depression of rendit Exp		500,344			666			218,069			491,119		
	Months in service for														
19	depreciation expense from Year placed in Service (0 if			13.00			13.00			13.00			13.00		
20	CWIP)			2009			2008			2010			2011		
	•														
					Depreciation or Amortization			Depreciation or Amortization			Depreciation or Amortization			Depreciation or Amortization	
21		W 11.68 % ROE	Invest Yr 2006	Endina	Amortization	Revenue	Endina	Amortization	Revenue	Endina	Amortization	Revenue	Endina	Amortization	Revenue
22		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008				36,369	577	5,114						
27		W Increased ROE	2008				36,369	577	5,114						
25		W 11.68 % ROE	2009	21,092,458	268,347	2,634,066	35,792	866	8,379						
29		W Increased ROE	2009	21,092,458	268,347	2,634,066	35,792	866	8,379		40 700	100.050			
30		W 11.68 % ROE W Increased ROE	2010 2010	20,797,967 20,797,967	501,579 501,579	4,507,079 4,507,079	27,122 27,122	666 666	5,890 5.890	8,806,222 8,806,222	18,700 18,700	169,959 169,959			
31		W Increased ROE W 11.68 % ROE	2010	20,797,967	501,579 501.725	4,507,079	27,122	666	5,890	9,140,218	18,700 218.069	1.850.822	20.623.951	300.198	2.435.793
32		W Increased 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
34		W 11.68 % ROE	2012	19,802,055	501,755	3,475,512	25,212	666	4,453	8,922,149	218,069	1,557,946	20,326,793	491,119	3,543,678
35		W Increased ROE	2012	19,802,055	501,755	3,475,512	25,212	666	4,453	8,922,149	218,069	1,557,946	20,326,793	491,119	3,543,678
35		W 11.68 % 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
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
35		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 W 11.68 % ROE	2014 2015	18,798,545 18,296,790	501,755 501,755	2,817,996 2,646,618	23,880 23,213	666 666	3,609 3,388	8,486,010 8,267,940	218,069 218,069	1,263,663	19,344,555 18.853.437	491,119 491,119	2,874,636 2,701,236
40		W 11.68 % ROE W Increased ROE	2015	18,296,790	501,755 501.755	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 W 11.68 % ROE	2015	18,296,790	501,755	2,546,618	23,213	666	3,388	8,267,940	218,069	1,187,289	18,853,437	491,119	2,701,236
42		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
43		W 11.68 % ROE	2017	17,735,762	500,344	2,433,270	21,880	666	3,120	7.831.801	218,069	1,139,246	17,871,199	491,119	2,592,367
45		W Increased ROE	2017	17,235,419	500,344	2,433,270	21,880	666	3,120	7,831,801	218,069	1.096.394	17,871,199	491,119	2,495,347
45		W 11.68 % ROE	2017	16.733.664	500,344	2,101,858	21,000	666	2,697	7,613,732	218,069	946.750	17,380,080	491,119	2,154,499
47		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
44		W 11.68 % ROE	2019	16,234,731	500,344	2,030,550	20,548	666	2,603	7,395,662	218,069	915,149	16,888,961	491,119	2,082,990
		W Increased ROE	2019	16.234.731	500.344	2.030.550	20.548	666	2.603	7.395.662	218.069	915,149	16.888.961	491,119	2.082.990

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### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2019

Formula Line

Fo

_		ı													
10		Details		Reconductor S	outh Mahwah K-3411 Ci	rcuit (B1018)	Branchit	urg 400 MVAR Capacitor (E	30290)	Saddle Bros	ok - Athenia Upgrade Cat	ole (B0472)	Branchburg-Sommer	ville-Flagtown Reconduct	or (B0664 & B0665)
	"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	(165 01 140)	42			42			42			42		
	"Yes" if the customer has paid a	Life													
	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		(10001110)												
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		9.43%			9.43%			9.43%			9.43%		
	Line 14 plus (line 5 times line														
16	15)/100 Service Account 101 or 106 if not	FCR for This Project		9.43%			9.43%			9.43%			9.43%		
1	yet classified - End of year	1											1		
17	balance	Investment		21,170,273			77,352,830			14,404,842			18,664,931		
1		Annual Depreciation or Amort Exp											I		
18	Line 17 divided by line 12	Allitual Depreciation of Allion 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		
21			Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22		W 11.68 % ROE	2006	Liidiid		Kerenas	Limita		Revenue	Limite		Revenue	Litalita		Reference
23		W Increased ROE	2006												
24		W 11.68 % ROE W Increased 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	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE W 11.68 % ROE	2010 2011	20.511.158	37.566	284.735									
32		W Increased ROE	2011	20,511,158	37,566	284,735									
34		W 11.68 % 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
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 35		W Increased ROE W 11.68 % ROE	2013 2014	20,628,652 20,124,598	504,054 504,054	3,370,070 2,983,683	79,195,082 77,279,955	1,915,127 1,915,127	12,917,996 11,437,086	14,194,429 13.851.457	342,972 342,972	2,315,058 2,049,664	18,294,505 17,903,425	443,163 444,403	2,984,887 2.650,353
38		W Increased 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
40		W 11.68 % 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 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
42		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	2,591,411	68,524,248	1,841,734	9,526,626	12,822,540	342,972	1,781,001	16,570,216	444,403	2,302,728
45		W Increased ROE	2017	18,612,436	504,054	2,591,411	68,524,248	1,841,734	9,526,626	12,822,540	342,972	1,781,001	16,570,216	444,403	2,302,728
46		W 11.68 % ROE	2018 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 1,987,742
47		W Increased ROE W 11.68 % ROE	2018 2019	18,108,382 17,604,328	504,054 504,054	2,237,137 2,163,352	66,609,121 64,840,780	1,841,734 1.841,734	8,216,634 7,953,310	12,479,567 12,136,595	342,972 342,972	1,537,343	16,125,813 15,681,410	444,403 444,403	1,987,742
44		W Increased ROE	2019	17,604,328	504,054	2,163,352	64,840,780	1,841,734	7,953,310	12,136,595	342,972	1,486,909	15,681,410	444,403	1,922,456
45															

Exhibit 1 34 of 54

### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2019

Page 5 of 23

Fixed Charge Rate (FCR) If In ot a CIAC

Formula Line
A 152
Big 159
Net Plant Carrying Charge without Depreciation
A 152
Net Plant Carrying Charge without Depreciation
Big 159
Net Plant Carrying Charge without Depreciation
Big 150
Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes

The FCR resulting from Formata in a given year is used for that year only.
Therefore actual revenues collected in a year of and charge based on cost data for subneagent years.
Per 1780 Crede actual revenues collected for the Northeast Cold Big Big Big Plant Big 150
Bi

10		Details		Somerville-E	Bridgewater Reconduc	tor (B0568)	New Essex-Kearny 138 k	V circuit and Kearny 138 k	V bus tie (80814)	Salem 50	0 kV breakers (B1410-E	31415)	230kV Lawren	ce Switching Station Up	grade (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 ROE	Increased ROE (Basis Points)		_			_			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		9.43%			9.43%			9.43%			9.43%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.43%			9.43%			9.43%			9.43%		
1	Service Account 101 or 106 if not			2.7374						3.0,4			2.43.0		
1.	yet classified - End of year balance	l													
17	vaianut	Investment		6,390,403			46,035,637			15,865,267			21,736,918		
		Annual Depreciation or Amort Exp													
18	Line 17 divided by line 12			152,152			1,096,087			377,744			517,546		
19	Months in service for depreciation expense from			13.00			13.00			13.00			13.00		
	Year placed in Service (0 if						13.00								
20	CWIP)			2012			2012			2011			2013		
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
21			Invest Yr	Ending	Amortization	Revenue	Endina	Amortization	Revenue	Ending	Amortization	Revenue	Endina	Amortization	Revenue
22		W 11.68 % ROE	2006												
23 24		W Increased ROE W 11.68 % ROE	2006 2007												
25		W Increased ROF	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
25		W 11.68 % ROE	2009												
29 30		W Increased ROE W 11.68 % ROE	2009 2010												
30		W Increased ROF	2010												
32		W 11.68 % ROE	2010				l			2,640,253	9,537	73,000			
33		W Increased ROE	2011				1			2,640,253	9,537	73,000			
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			
35		W Increased ROE W 11.68 % ROE	2012 2013	4,404,012 6,291,725	57,853 151,180	422,751 1.025.313	22,800,866 45,385,800	123,008 1.083.543	898,857 7,389,162	7,275,941 9.926.683	108,279 192,972	790,336 1,305,797	22.127.065	248.542	1,698,840
35		W Increased ROE	2013	6,291,725	151,180	1.025,313	45,385,800	1,083,543	7,389,162	9,926,663	192,972	1,305,797	22,127,065	248,542	1,698,840
35		W 11.68 % ROE	2013	6,181,332	152,152	913,777	44,747,660	1,094,148	6,607,679	15,445,872	289,093	1,755,636	21,792,104	524,777	3,209,866
39		W Increased ROE	2014	6,181,332	152,152	913,777	44,747,660	1,094,148	6,607,679	15,445,872	289,093	1,755,636	21,792,104	524,777	3,209,866
40		W 11.68 % ROE	2015	6,029,218	152,152	858,935	43,772,546	1,096,982	6,228,271	15,276,916	378,019	2,168,874	21,267,327	524,777	3,017,865
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 W 11.68 % ROE	2016 2017	5,877,066 5,724,913	152,152 152,152	824,687 794,193	42,662,264 41,541,291	1,096,665 1.096,087	5,978,667 5,754,880	14,899,633 14,509,330	378,036 377,744	2,083,057	20,438,822 19.921,276	517,546 517,546	2,856,436 2,751,687
45		W Increased ROF	2017	5,724,913	152,152	794,193	41,541,291	1,096,087	5,754,880	14,509,330	377,744	2,004,944	19,921,276	517,546	2,751,687
45		W 11.68 % ROE	2017	5,724,913	152,152	685,500	41,541,291	1,096,087	4.966.854	14,131,308	377,744	1,730,197	19,921,276	517,546	2,373,909
47		W Increased ROE	2018	5.572,761	152,152	685,500	40,444,309	1.096.087	4.966.854	14,131,308	377,744	1.730.197	19.396.499	517,546	2,373,909
44		W 11.68 % ROE	2019	5,420,608	152,152	663,073	39,349,118	1,096,087	4,804,942	13,753,841	377,744	1,674,114	18,886,184	517,546	2,297,665
44					152.152	663.073		1.096.087	4.804.942	13.753.841		1.674.114			

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#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2019

1 New Plant Carrying Charge

Formula Line

A 152 Net Plant Carrying Charge without Depreciation

B 153 Net Plant Carrying Charge without Depreciation

C B 158 Net Plant Carrying Charge without Depreciation

FOR H a CIAC

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For A subdivined patients 2, 1, 14, 18, and where the morth's to be amortized in year plan one.

10	Details		Propobleuro	-Middlesex Switch Rack (E	)44EE\	Aldono Pari	nafield Rd. Conversio	n (P1200)	Unarada Cam	den-Richmond 230kV	Circuit (P1500)	£	a Roseland Breakers (b04	no r noveo vr
"Yes" if a project under PJM	Details		Branchburg	-Mildulesex Switch Rack (E	1100)	Aldelle-Spill	igileia ka. coliversio	11 (1333)	Opgrade Cam	deli-Kicilliolid 230kV	Circuit (B1090)	Susquenanni	roseand Breakers (604	03.5-80403.15)
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	Increased ROE (Basis Points)		0			0			0			125		
From line 3 above if "No" on line	rici cuscu rroc (cusis r ciriis)											125		
13 and From line 7 above if														
15 "Yes" on line 13	11.68% ROE		9.43%			9.43%			9.43%			9.43%		
Line 14 plus (line 5 times line 16 15)/100	FCR for This Project		9.43%			9.43%			9.43%			10.14%		
Service Account 101 or 106 if not						2.45%			2.45%					
yet classified - End of year	l											l		
17 balance	Investment		62,938,142			72,376,948			11,276,183			5,857,687		
1	Annual Depreciation or Amort Exp											l		
18 Line 17 divided by line 12			1,498,527			1,723,261			268,481			139,469		
Months in service for														
19 depreciation expense from Year placed in Service (0 if			13.00			13.00			13.00			13.00		
20 CWIP)			2013			2014			2014			2010		
21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22	W 11.68 % ROE	2006	Libilio		REVENUE	Libilia		Kerenas	Limite		TO TOTAL DE	Limite		Revenue
23	W Increased ROE	2006												
24	W 11.68 % ROE	2007												
25	W Increased ROE W 11.68 % ROE	2007 2008												
26 27	W 11.68 % ROE W Increased ROF	2008												
25	W 11.68 % ROE	2009												
29	W Increased ROE	2009												
30	W 11.68 % ROE	2010										2,662,585	7,802	70,915
31	W Increased ROE	2010										2,662,585	7,802	70,915
32	W 11.68 % ROE	2011										5,849,885	116,061	966,188
33 34	W Increased ROE W 11.68 % ROE	2011 2012										5,849,885 5,733,823	116,061 139,469	1,014,845
34	W Increased ROF	2012										5,733,823	139,469	1,051,531
35	W 11.68 % ROE	2012	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							5,594,354	139,469	967,047
38	W 11.68 % ROE	2014	60,374,269	1,439,907	8,878,852	68,405,611	556,909	3,438,903	7,389,782	37,992	234,599	5,454,886	139,469	811,586
39	W Increased ROE	2014	60,374,269	1,439,907	8,878,852	68,405,611	556,909	3,438,903	7,389,782	37,992	234,599	5,454,886	139,469	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 W 11.68 % ROE	2015 2016	61,346,085	1,497,329 1,626,531	8,688,697 9.096,222	71,213,315 70,112,484	1,708,815 1,723,291	10,056,881 9,746,523	11,126,578 10.972.368	265,823 268.481	1,570,150 1,524,089	5,315,417	139,469 139,469	808,174 731,772
42	W 11.68 % ROE W Increased ROE	2016	65,275,261 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 5,175,948	139,469	731,772
43	W Increased ROE W 11.68 % ROE	2016	58.272.563	1,626,531	8.033.708	70,112,484 68.392.049	1,723,291	9,746,523	10,972,368	268,481	1,524,089	5,175,948	139,469	776,124
45	W Increased ROF	2017	58,272,563	1,498,527	8,033,708	68,392,049	1,723,359	9,393,425	10,703,887	268,481	1,468,905	5,036,479	139,469	747,840
45	W 11.68 % ROE	2017	56,645,182	1,498,506	6,919,796	66,666,584	1,723,359	8,103,744	10,435,588	268,481	1,267,230	4.897.011	139,469	608.143
47	W Increased ROE	2018	56.645.182	1,498,506	6,919,796	66,666,584	1.723,344	8.103,744	10,435,588	268,481	1,267,230	4,897,011	139,469	642.820
44	W 11.68 % ROE	2019	55,275,530	1,498,527	6,708,529	64,941,230	1,723,261	7,844,304	10,166,926	268,481	1,226,765	4,757,542	139,469	587,891
	W Increased ROE	2019	55,275,530	1,498,527	6.708.529	64.941.230	1,723,261	7.844.304	10.166.926	268.481	1,226,765	4.757.542	139 469	621.948

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#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2019

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Fixed Charge Rate (FCR) II If not a CIAC

A A 155

A 155

New Plant Carrying Charge without Depreciation Such Carrying Charge without Depreciation 10,00%, 10,00

10	Details		Susquel	nanna Roseland < 500KV (B0	489.4)	Susquehann	a Roseland > 500KV (E	30489)	Burlington - Car	mden 230kV Conve	ersion (B1156)	Mickleton-Glo	ucester-Camden(B1	398-B1398.7)
"Yes" if a project under PJM			Ottaquei	imini reasonio e societi (bo	402.4)	Cusquenam	ia resciana y source (c	30403)	Dunington - Ou	IIIGEII ESONY COIIV	33011 (21130)	micketon old	acester Camacing Di	550-151050.17
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 lumpsum payment in the amo														
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)		125			125			0			0		
From line 3 above if "No" on I 13 and From line 7 above if	ne													
15 "Yes" on line 13	11.68% ROE		9.43%			9.43%			9.43%			9.43%		
Line 14 plus (line 5 times line 16 15)/100	FCR for This Project		10.14%			10.14%			9.43%			9.43%		
Service Account 101 or 106 if	not		10.1476			10.14/0			5.43/6			5.4376		
yet classified - End of year 17 balance	Investment		40.538.248			721.881.272			356.333.540			438.746.971		
,,			40,000,240			721,001,272			330,330,540			430,140,371		
18 Line 17 divided by line 12	Annual Depreciation or Amort Exp		965.196			17.187.649			8.484.132			10.446.356		
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			2011			2013		
				Depreciation or			Depreciation or			Depreciation or			Depreciation or	
21		Invest Yr	Endina	Amortization	Revenue	Endina	Amortization	Revenue	Endina	Amortization	Revenue	Endina	Amortization	Revenue
22 23	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												
28	W 11.68 % ROE W Increased ROE	2009 2009												
29	W Increased ROE W 11.68 % ROE	2009												
30	W Increased ROE	2010												
32	W 11.68 % ROE	2011	7.844.331	111.778	905.525				19.902.939	147,204	1.150.144			
233	W Increased ROE	2011	7,844,331	111,778	952,449				19,902,939	147,204	1,150,144			
34	W 11.68 % ROE	2012	7,628,074	184,491	1,331,330	4,694,511	8,598	62,828	19,848,511	475,501	3,452,558			
35	W Increased ROE	2012	7,628,074	184,491	1,399,243	4,694,511	8,598	66,040	19,848,511	475,501	3,452,558			
36	W 11.68 % ROE W Increased ROE	2013	6,391,895	159,242	1,047,292	25,426,870	605,606	4,138,257	118,115,741	2,827,106	19,237,368	777,714	1,424	9,736
37	W Increased ROE W 11.68 % ROE	2013 2014	6,391,895 40.082.737	159,242 717,210	1,104,801 4.387.056	25,426,870 666,963,000	605,606 10,160,548	4,367,027 62,692,814	118,115,741 333,325,376	2,827,106 6,107,990	19,237,368 37,392,933	777,714 83,696,796	1,424 854,944	9,736 5,279,191
36	W Increased ROE	2014	40,082,737	717,210	4,367,036	666.963.000	10,160,548	66,426,879	333,325,376	6,107,990	37,392,933	83,696,796	854,944	5,279,191
40	W 11.68 % ROE	2015	39,365,526	965,196	5,579,868	711,440,230	16,714,518	97,780,708	346,271,067	8,256,393	47,814,854	436,685,203	6,739,741	39,857,912
41	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	5,163,491	677,132,437	17,186,557	93,125,945	330,033,388	8,484,132	45,496,882	420,701,437	10,447,458	57,628,494
				965.196	5,487,093	677.132.437	17.186.557	98,979,324	330,033,388	8,484,132	45,496,882	420,701,437	10.447.458	57.628.494
45	W Increased ROE	2017	37,435,134											
46	W 11.68 % ROE	2018	36,469,937	965,196	4,455,592	658,706,710	17,157,639	80,199,899	321,544,683	8,484,132	39,257,924	410,830,010	10,453,391	49,741,703
46 47	W 11.68 % ROE W Increased ROE	2018 2018	36,469,937 36,469,937	965,196 965,196	4,455,592 4,713,850	658,706,710 658,706,710	17,157,639 17,157,639	84,864,454	321,544,683	8,484,132	39,257,924	410,830,010 410,830,010	10,453,391 10,453,391	49,741,703 49,741,703
46	W 11.68 % ROE	2018	36,469,937	965,196	4,455,592	658,706,710	17,157,639					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, 2019

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Fixed Charge Taxe (FCR) if Inot a CIAC

Formula Line

A 150

B 160

B 161

B 160

B 161

B 161

B 161

B 162

B 163

B 16

10		Details		North Central F	Reliability (West Orang (B1154)	ge Conversion	Northeast Grid F	Reliability Project (B	1304.1-B1304.4)	Northeast Grid I	Reliability Project (B1	304.5-B1304.21)	Convert the Berg 345 kV and assi	gen - Marion 138 kV pat ociated substation upg	h to double circuit rades (B2436.10)
	"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	(103 01 140)	42			42			42			42		
	"Yes" if the customer has paid a			_						-					
	lumpsum payment in the amount of the investment on line 29.														
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			25			25			0		
	13 and From line 7 above if														
15	"Yes" on line 13	11.68% ROE		9.43%			9.43%			9.43%			9.43%		
	Line 14 plus (line 5 times line														
16	15)/100 Service Account 101 or 106 if not	FCR for This Project		9.43%			9.57%			9.57%			9.43%		
	yet classified - End of year														
17	balance	Investment		370,007,352			625,126,924			350,991,604			180,222,157		
		Annual Depreciation or Amort Exp													
18	Line 17 divided by line 12	remain Depreciation of remort Exp		8,809,699			14,883,974			8,356,943			4,291,004		
	Months in service for														
19	depreciation expense from Year placed in Service (0 if			13.00			13.00			13.00			13.00		
20	CWIP)			2012			2013			2016			2016		
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
21			Invest Yr	Ending	Amortization or	Revenue	Ending	Amortization or	Revenue	Ending	Amortization or	Revenue	Ending	Amortization or	Revenue
22		W 11.68 % ROE	2006												
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25 26		W Increased ROE W 11.68 % ROE	2007												
27		W Increased ROF	2008												
28		W 11.68 % ROE	2009												
29		W Increased ROE	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE W 11.68 % ROE	2010 2011												
32		W 11.68 % ROE W Increased ROE	2011												
34		W 11.68 % ROE	2012	16,441,748	30,113	220,046									
35		W Increased ROE	2012	16,441,748	30,113	220,046									
36		W 11.68 % ROE	2013	257,640,264	6,135,009	41,929,935	23,466,022	86,647	592,253						
37		W Increased ROE W 11.68 % ROE	2013 2014	257,640,264 360,673,484	6,135,009 7,742,354	41,929,935 47,135,528	23,466,022 274,113,325	86,647 2.382.627	598,801 14,708,781						
38		W 11.68 % ROE W Increased ROE	2014	360,673,484	7,742,354	47,135,528 47,135,528	274,113,325	2,382,627	14,708,781						
40		W 11.68 % ROE	2014	355.885.266	8,777,921	50.370.637	433.597.024	7,852,675	46,296,391						
41		W Increased ROE	2015	355,885,266	8,777,921	50,370,637	433,597,024	7,852,675	46,859,053						
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 Increased ROE	2016	347,072,992	8,805,472	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
44		W 11.68 % ROE	2017	338,516,483	8,809,699	46,773,815	602,065,287	14,885,514	82,406,233	342,609,998	8,356,943	46,780,141	176,296,656	4,203,493	23,733,009
45		W Increased ROE	2017	338,516,483	8,809,699	46,773,815	602,065,287	14,885,514	83,447,128	342,609,998	8,356,943	47,372,470	176,296,656	4,203,493	23,733,009
46		W 11.68 % ROE	2018	329,702,206	8,809,690	40,364,207	587,359,389	14,890,244	71,104,128	0	0	0	168,355,336	4,162,710	20,262,866
47		W Increased ROE W 11.68 % ROE	2018 2019	329,702,206 320,897,093	8,809,690 8,809,699	40,364,207 39.055.893	587,359,389 572,224,877	14,890,244	71,935,992 68,819,099	334.253.055	0 8.356.943	39.862.005	168,355,336 169,419,235	4,162,710	20,262,866
44		W 11.68 % ROE W Increased ROE	2019 2019	320,897,093 320.897.093	8,809,699 8,809,699	39,055,893 39.055.893	572,224,877 572,224,877	14,883,974 14.883,974	68,819,099 69,638,354	334,253,055 334,253,055	8,356,943 8,356,943	39,862,005 40.340.555	169,419,235 169,419,235	4,291,004 4,291,004	20,259,634

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1	New Plant Carryin	ig Charge				Page 9 of 23
2	Fixed Charge Rat if not a CIAC		Formula Line			
3 4 5		A B C	152	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation Line Bless Line A A	9.43% 10.00% 0.57%	
6	FCR if a CIAC					
7		D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.33%	
				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	N <sub>i</sub>	
9				which includes a 25 basis-point transmission ROE adder as authoritized by FERC to become effective. January 1, 2012. For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is the 13 month average balance from Atlanch 6a, and Line 19 will be number of months to be amortized in year plas one.		

10		Details		Convert the Ma 345 kV and an	rion - Bayonne "L" 13 y associated substatio (B2436.21)	B kV circuit to in upgrades		on - Bayonne "C" 13 associated substati (B2436.22)		Construct a new and any associate	Bayway - Bayonne	345 kV circuit ades (B2436.33)		w North Ave - Bay associated substat (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														
13	of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
13	Input the allowed increase in	CINC	(165 01 140)	NO			NO			NO			INU		
14	ROE	Increased ROE (Basis 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		9.43%			9.43%			9.43%			9.43%		
15	Line 14 plus (line 5 times line	11.00 % KOE		9.43%			9.43%			9.43%			9.43%		
16	151/100	FCR for This Project		9.43%			9.43%			9.43%			9.43%		
	Service Account 101 or 106 if not	***													
	yet classified - End of year balance														
17	balance	Investment		64,274,999			47,416,059			164,576,485			124,541,303		
		Annual Depreciation or Amort Exp													
18	Line 17 divided by line 12			1,530,357			1,128,954			3,918,488			2,965,269		
	Months in service for														
19	depreciation expense from Year placed in Service (0 if			13.00			13.00			13.00			13.00		
20	CWIP)			2016			2016			2015			2018		
	•														
					Depreciation or Amortization	_		Depreciation or Amortization	_		Depreciation or Amortization	_		Depreciation or Amortization	_
21		W 11.68 % ROE	Invest Yr 2006	Endina	Amortization	Revenue	Endina	Amortization	Revenue	Endina	Amortization	Revenue	Endina	Amortization	Revenue
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
25		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 34		W Increased ROE W 11.68 % ROE	2011 2012	I						ĺ			ĺ		
34		W Increased ROE	2012							l			l		
35		W 11.68 % ROE	2012							ĺ			ĺ		
37		W Increased ROE	2013							l			l		
35		W 11.68 % ROE	2014							l			l		
39		W Increased ROE	2014	I						ĺ			ĺ		
40		W 11.68 % ROE	2015							225,037	412	2,441	l		
41		W Increased ROE	2015							225,037	412	2,441	ĺ		
42		W 11.68 % ROE	2016	23,849,835	322,903	1,874,846	23,849,835	322,903	1,874,846	349,923	8,202	47,577	l		
43		W Increased ROE	2016	23,849,835	322,903	1,874,846	23,849,835	322,903	1,874,846	349,923	8,202	47,577	ĺ		
44		W 11.68 % ROE	2017	42,938,400	916,068	5,198,758	24,558,823	583,272	3,294,965	14,747,154	214,966	1,226,916	ĺ		
45		W Increased ROE	2017	42,938,400	916,068	5,198,758	24,558,823	583,272	3,294,965	14,747,154	214,966	1,226,916	l		
46		W 11.68 % ROE	2018	67,424,378	1,472,017	7,311,454	48,719,195	1,000,282	4,948,493	162,127,145	3,286,469	16,480,496	120,922,525	2,033,349	10,206,715
47		W Increased ROE	2018	67,424,378	1,472,017	7,311,454	48,719,195	1,000,282	4,948,493	162,127,145	3,286,469	16,480,496	120,922,525	2,033,349	10,206,715
44		W 11.68 % ROE	2019	61,564,011	1,530,357 1,530,357	7,333,080 7,333,080	45,509,601 45,509,601	1,128,954	5,418,467 5,418,467	161,066,436 161,066,436	3,918,488	19,099,824	122,507,954	2,965,269	14,512,271 14,512,271
45		W Increased ROF													

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#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2019

11		Details			North Ave - Airport ociated substation u (B2436.50)		Linden "T" 138 k	derground portion of V circuit to Bayway associated substate (B2436.60)	, convert it to		v Airport - Baywa ociated substatio (B2436.70)		138 kV circuit	verhead portion of Linder to Bayway, convert it to ed substation upgrades (	345 kV, and any
	"Yes" if a project under PJM OATT Schedule 12, otherwise														
11		Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12		Life	(100 01110)	42			42			42			42		
	"Yes" if the customer has paid a	and a													
	lumpsum payment in the amount														
	of the investment on line 29,														
10	Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No			No			No			No		
14		Increased ROE (Basis Points)		0			0			0			0		
	From line 3 above if "No" on line	more (Dadis Forms)		· ·											
	13 and From line 7 above if														
15		11.68% ROE		9.43%			9.43%			9.43%			9.43%		
	Line 14 plus (line 5 times line														
16	15)/100 Service Account 101 or 106 if not	FCR for This Project		9.43%			9.43%			9.43%			9.43%		
	vet classified - End of year														
10		Investment		65,676,775			48,470,597			88,662,709			49,111,440		
		Annual Depreciation or Amort Exp													
11	Line 17 divided by line 12 Months in service for			1,563,733			1,154,062			2,111,017			1,169,320		
15				13.00			13.00			13.00			13.00		
	Year placed in Service (0 if			13.00			13.00			13.00			13.00		
- 21	CWIP)			2018			2015			2015			2015		
2			Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
2		W 11 68 % ROF	2006	Elidilid	Amortization	Kevenue	Elidilid	Amortization	Reveilue	Ending	Amortization	Reveilue	Elidilid	Amortization	Reveilue
2		W Increased ROE	2006												
2		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
21		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
21		W 11.68 % ROE	2009												
21		W Increased ROE	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE W 11.68 % ROE	2010 2011												
33		W 11.68 % ROE W Increased ROE	2011												
3:		W Increased ROE W 11.68 % ROE	2011												
31		W Increased ROE	2012							l					
31		W 11.68 % ROE	2012												
33		W Increased ROE	2013							l					
31		W 11.68 % ROE	2014												
31		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
4		W Increased ROE	2015	I			225,037	412	2,441	225,037	412	2,441	225,037	412	2,441
40		W 11.68 % ROE	2016				349,923	8,202	47,577	349,923	8,202	47,577	723,468	12,273	71,227
43		W Increased ROE	2016				349,923	8,202	47,577	349,923	8,202	47,577	723,468	12,273	71,227
44		W 11.68 % ROE	2017	I			14,747,154	214,966	1,226,916	14,747,154	214,966	1,226,916	31,239,305	465,743	2,658,611
40		W Increased ROE	2017				14,747,154	214,966	1,226,916	14,747,154	214,966	1,226,916	31,239,305	465,743	2,658,611
-41		W 11.68 % ROE	2018	63,112,389	1,084,893	5,445,790	49,084,212	924,196	4,618,938	88,779,710	1,690,667	8,471,130	45,260,492	1,055,752	5,266,819
40		W Increased ROE	2018	63,112,389	1,084,893	5,445,790	49,084,212	924,196	4,618,938	88,779,710	1,690,667	8,471,130	45,260,492	1,055,752	5,266,819
4		W 11.68 % ROE	2019	64,591,882	1,563,733	7,651,848	47,322,821	1,154,062	5,614,480	86,748,462	2,111,017	10,287,504	47,577,259	1,169,320	5,653,720
		W Increased ROE	2019	64.591.882	1,563,733	7,651,848	47,322,821	1,154,062	5,614,480	86,748,462	2,111,017	10.287.504	47.577.259	1,169,320	5.653.720

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1	N	lew Plant Carrying Charge				Page 11 of 23
2		ixed Charge Rate (FCR) if f not a CIAC				
3 4 5		A B C	Formula Line 152 159	Net Plant Carrying Charge without Depreciation Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation Line B less Line A	9.43% 10.00% 0.57%	
6	F	CR if a CIAC				
7		D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.33%	
				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		
9				which includes a 25 basis-point transmission RDE adder as authorized by FERCI to become effective January 1, 201 For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.		

10		Details			ayway - Linden "Z" 138 ly associated substation (B2436.83)		to 345 kV an	yway - Linden "W' ad any associated ogrades (B2436.84	substation	to 345 kV ar	yway - Linden "M nd any associated pgrades (B2436.85	substation	circuits to N	ragut - Hudson "B" Iarion 345 kV and a ation upgrades (B2	ny associated
10	"Yes" if a project under PJM	Details			(B2436.63)		up	ogrades (B2436.64	)	u	pgrades (B2436.85	)	subst	ation upgrades (62	436.90)
	OATT Schedule 12, otherwise														
11		Schedule 12	(Yes or No)	Yes 42			Yes 42			Yes			Yes 42		
12	"Yes" if the customer has paid a	Lile		42			42			42			42		
	lumpsum payment in the amount														
13	of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
13	Input the allowed increase in	CINC	(165 01 140)	NO			NO			NO			NO		
14		Increased ROE (Basis Points)		0			0			0			0		
	From line 3 above if "No" on line 13 and From line 7 above if														
15		11.68% ROE		9.43%			9.43%			9.43%			9.43%		
	Line 14 plus (line 5 times line														
16	15)/100 Service Account 101 or 106 if not	FCR for This Project		9.43%			9.43%			9.43%			9.43%		
	yet classified - End of year														
17	balance	Investment		49,111,440			46,581,405			46,581,405			31,820,773		
		Annual Depreciation or Amort Exp													
18	Line 17 divided by line 12	Annual Depreciation of Amort Exp		1.169.320			1.109.081			1,109,081			757.637		
	Months in service for														
19	depreciation expense from Year placed in Service (0 if			13.00			13.00			13.00			13.00		
20	CWIP)			2015			2015			2015			2016		
21			Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Fnding	Depreciation or Amortization	Revenue
22		W 11.68 % ROE	2006	Litalita		TO TOTAL	Liidiid		iterenae	Litalia		HEFEIDE	Litalia		Revenue
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25 26		W Increased ROE W 11.68 % ROE	2007 2008												
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 W 11.68 % ROE	2010 2011												
32		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 W 11.68 % ROE	2013												
39		W Increased ROF	2014												
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			
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	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
44		W 11.68 % ROE	2017	31,239,305	465,743	2,658,611	43,917,206	652,295	3,723,870	43,917,206	652,295	3,723,870	30,818,452	697,633	3,942,807
45		W Increased ROE W 11.68 % ROE	2017	31,239,305	465,743	2,658,611	43,917,206	652,295	3,723,870	43,917,206	652,295	3,723,870	30,818,452	697,633	3,942,807
46		W 11.68 % ROE W Increased ROE	2018 2018	45,260,492 45,260,492	1,055,752 1,055,752	5,266,819 5,266,819	44,735,591 44,735,591	1,073,403	5,340,569 5,340,569	44,735,591 44,735,591	1,073,403	5,340,569 5,340,569	37,324,329 37,324,329	804,914 804,914	3,949,660 3,949,660
47		W Increased ROE W 11.68 % 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	29.930.334	804,914 757.637	3,949,660
45		W Increased ROE	2019	47,577,259	1,169,320	5.653.720	44.843.021	1,109,081	5.335.765	46,568,719	1,109,081	5,498,421	29,930,334	757.637	3,578,725

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#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2019

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Fixed Charge Rate (FCR) If If not a CIAC
If In not a CIAC
Bell State Charge Rate (FCR) If If not a CIAC
Bell State Charge Rate (FCR) If If not a CIAC
Bell State Charge Rate (FCR) If If not a CIAC
Bell State Charge Rate (FCR) If If not a CIAC
Bell State Charge Rate (FCR) If If not a CIAC
Bell State Charge Rate (FCR) If If Not a CIAC
Bell State Charge Rate (FCR) If State Rate (FCR) I

10	"Yes" if a project under PJM	Details		the 345 kV a	udson 2 generation at Marion and any a pgrades (B2436.91)	ssociated		845/230 kV transfor ubstation upgrades			45/138 kV transform substation upgrades			345/138 kV transfor substation upgrade	
	OATT Schedule 12, otherwise "No"	Schedule 12		i			1			l			1		
11		Schedule 12 Life	(Yes or No)	Yes			Yes		ļ	Yes			Yes		
12	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29.	Life		42			42			42			42		
13	Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No			No			No			No		
14		Increased ROE (Basis Points)		0			0			0			0		
15		11.68% ROE		9.43%			9.43%			9.43%			9.43%		
16		FCR for This Project		9.43%			9.43%			9.43%			9.43%		
17		Investment		24,983,113			27,828,619			27,828,619			15,828,121		
18		Annual Depreciation or Amort Exp		594,836			662,586			662,586			376,860		
	Months in service for depreciation expense from			İ			l		ļ	l			1		
15	Year placed in Service (0 if			13.00			13.00		ļ	13.00			13.00		
20	CWIP)			2016			2016			2016			2015		
				i	Depreciation or		l	Depreciation or	ļ	l	Depreciation or		1	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	i			l			l			i		
24		W 11.68 % ROE	2007	i			ı			ı			i		
25		W Increased ROE	2007	i			ı			ı			i		
26		W 11.68 % ROE	2008	i			ı			ı			i		
27		W Increased ROE W 11 68 % ROF	2008 2009	i			ı			ı			i		
28		W 11.68 % ROE W Increased ROE	2009	i			ı			ı			i		
29		W 11 68 % ROF	2009	i			ı			ı			i		
30		W Increased ROF	2010	i			l			l			i		
31		W 11.68 % ROE	2010	i			ı			ı			i		
33		W Increased ROF	2011	i			ı			ı			i		
34		W 11.68 % ROE	2012	ĺ			l		ļ	l			1		
35		W Increased ROE	2012	ĺ			l		ļ	l			1		
36		W 11.68 % ROE	2013	ĺ			ı		ļ	ı			i		
37		W Increased ROE	2013	ĺ			l		ļ	l			1		
38		W 11.68 % ROE	2014	í			l			l			1		
39		W Increased ROE	2014	ĺ			l		ļ	l					
40		W 11.68 % ROE	2015	í			l			l			225,037	412	2,441
41		W Increased ROE	2015							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	24,558,823	583,272	3,294,965	27,091,682	653,428	3,685,670	27,091,682	653,428	3,685,670	14,750,891	214,966	1,227,172
45		W Increased ROE	2017	24,558,823	583,272	3,294,965	27,091,682	653,428	3,685,670	27,091,682	653,428	3,685,670	14,750,891	214,966	1,227,172
40		W 11.68 % ROE	2018	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	369,378	1,835,238
47		W Increased ROE W 11.68 % ROE	2018	24,490,096	590,341	2,932,429 2.808.568	25,802,041 26,129,595	638,561 662,586	3,107,951	25,802,041	638,561	3,107,951	15,376,287	369,378	1,835,238
44				23,486,597	594,836 594.836				3,125,434	26,129,595	662,586	3,125,434	15,238,900	376,860	1,813,204
45		W Increased ROE	2019	23,486,597		2.808.568	26.129.595	662 586	3.125.434	26.129.595	662 586	3.125.434	15.238.900	376.860	1.813.204

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#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2019

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Fixed Charge Rate (FCR) II If not a CIAC

Not Point Carrying Charge without Depociation 9.42% Not Point Carrying Charge without Depociation 9.42% Not Point Carrying Charge per 100 Basis Point in ROE without Depociation 9.42% Not Point Carrying Charge per 100 Basis Point in ROE without Depociation 9.42% Not Point Carrying Charge per 100 Basis Point in ROE without Depociation 9.42% Not Point Carrying Charge per 100 Basis Point in ROE without Depociation 9.42% Not Point Carrying Charge per 100 Basis Point in ROE without Depociation 9.42% Not Point Carrying Charge per 100 Basis Point in ROE without Depociation 9.42% Not Point Carrying Charge per 100 Basis Point in ROE without Depociation 9.42% Not Point Carrying Charge per 100 Basis Point in ROE without Depociation 9.42% Not Point Carrying Charge per 100 Basis Point in ROE without Depociation 9.42% Not Point Carrying Charge per 100 Basis Point in ROE without Depociation 9.42% Not Point Carrying Charge per 100 Basis Point in ROE without Depociation 9.42% Not Point Carrying Charge per 100 Basis Point in ROE without Depociation 9.42% Not Point Carrying Charge per 100 Basis Point in ROE without Depociation 9.42% Not Point Carrying Charge per 100 Basis Point in ROE without Depociation 9.42% Not Point Carrying Charge per 10.42% No

١		Date:			45/138 kV transform			n 345/230 kV transfe			345/69 kV transfor		Upgrade Eag	le Point-Gloucester	230kV Circuit
10	"Yes" if a project under PJM	Details		associated s	ubstation upgrade	s (B2437.21)	associated	substation upgrad	es (B2437.30)	associated sub	bstation upgrades	(B2437.33)		(B1588)	
	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		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		11.68% ROE		9.43%			9.43%			9.43%			9.43%		
	Line 14 plus (line 5 times line														
16		FCR for This Project		9.43%			9.43%			9.43%			9.43%		
	Service Account 101 or 106 if not yet classified - End of year														
17		Investment		15.828.121			21.021.567			13.915.127			12.081.133		
				10(020)121						10,010,121			12,101,100		
		Annual Depreciation or Amort Exp													
18	Line 17 divided by line 12 Months in service for			376,860			500,513			331,313			287,646		
19				13.00			13.00			13.00			13.00		
	Year placed in Service (0 if			13.00			10.00			15.00			13.00		
20	CWIP)			2015			2017			2018			2015		
					Depreciation or			Depreciation or			Depreciation or			Depreciation or	
21			Invest Yr	Ending	Amortization or	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization or	Revenue
22		W 11.68 % ROE	2006	Litalia		Revenue	Litalia		Revenue	Litalia		REVENUE	Lilulio		Refelles
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
28		W 11.68 % ROE	2009												
29		W Increased ROE W 11.68 % ROE	2009 2010												
30		W Increased ROE	2010												
31		W 11.68 % ROE	2010	l			l								
33		W Increased ROF	2011	l			1						l		
34		W 11.68 % ROE	2012	l			1						l		
35		W Increased ROE	2012	l			l								
36		W 11.68 % ROE	2013	l									l		
37		W Increased ROE	2013	l			l								
38		W 11.68 % ROE	2014	l			l								
39		W Increased ROE	2014		***		1							010.101	
40		W 11.68 % ROE	2015	225,037	412	2,441	l						11,980,348	216,491	1,282,387
41		W Increased ROE	2015	225,037	412	2,441		04.400					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 W Increased ROF	2017	14,750,613	214,966	1,227,153	18,339,519	295,246	1,684,077				11,583,248	287,798	1,586,839
45		W Increased ROE W 11.68 % ROE	2017 2018	14,750,613 15,376,009	214,966 369,378	1,227,153	18,339,519 19,782,631	295,246 459.518	1,684,077 2,226,613	15.251.024	294.694	1,479,264	11,583,248 11,295,526	287,798 287,798	1,586,839
46		W 11.68 % ROE W Increased ROE													1,368,849
47		W Increased ROE W 11.68 % ROE	2018 2019	15,376,009 15,238,622	369,378 376.860	1,835,212 1,813,178	19,782,631 20,242,376	459,518 500.513	2,226,613 2,408,461	15,251,024 13,620,433	294,694 331,313	1,479,264 1,615,108	11,295,526 11,001,247	287,798 287,646	1,368,849 1,324,570
		W Increased ROE	2019	15,238,622	376,860	1,813,178	20,242,376	500,513	2,408,461	13,620,433	331,313	1,615,108	11,001,247	287,646	1,324,570

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1	New Plant Carryin	ng Charge				Page 14 of 23
2	Fixed Charge Rar if not a CIAC					
			Formula Line			
3		A	152	Net Plant Carrying Charge without Depreciation	9.43%	
4		В	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.00%	
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	1.33%	
				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		

							İ								
10		Details		Mickleton (	Sloucester 230kV Ci	rouit (P2120)	Dideo Dec	d 69kV Breaker Station	mare	Sauta Saura	r-Lumberton 230kV Cir		Pawaran	Switch 230kV Convers	ion (B2276)
10	"Yes" if a project under PJM	Details		Mickleton-C	Sioucester 230KV Ci	rcuit (BZ139)	Ridge Koai	3 69KV Breaker Station	(B1255)	Cox's Corne	r-Lumberton 23UKV Cin	cuit (B1/8/)	Sewaren :	Switch 230KV Convers	HON (B2276)
	OATT Schedule 12, otherwise						i						İ		
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						i						İ		
	of the investment on line 29,						i								
13	Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROE	Increased ROE (Basis Points)		0									0		
	From line 3 above if "No" on line	increased NOE (Dasis Forms)											Ü		
	13 and From line 7 above if						i								
15	"Yes" on line 13	11.68% ROE		9.43%			9.43%			9.43%			9.43%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.43%			9.43%			9.43%			9.43%		
	Service Account 101 or 106 if not			3.45%			3.43,4			2.45,0			2.45,0		
1	yet classified - End of year						ĺ						1		
17	balance	Investment		19,278,867			42,781,896			32,029,640			0		
		Annual Depreciation or Amort Exp					1						1		
18	Line 17 divided by line 12			459,021			1,018,617			762,610			0		
	Months in service for						i						İ		
19	depreciation expense from Year placed in Service (0 if			13.00			13.00			13.00					
20	CWIP)			2015			2016			2015			2015		
21			Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22		W 11.68 % ROE	2006	Litalita		REVENUE	Liidiiid		Revenue	Litalia		Revenue	Lilollio		Revenue
23		W Increased ROE	2006				i								
24		W 11.68 % ROE	2007				i						İ		
25		W Increased ROE	2007				i								
26		W 11.68 % ROE W Increased ROE	2008				i						İ		
27		W 11.68 % ROE	2008				i								
29		W Increased ROE	2009				i								
30		W 11.68 % ROE	2010				1						1		
31		W Increased ROE	2010				1						1		
32		W 11.68 % ROE	2011				ĺ						1		
33		W Increased ROE W 11.68 % ROE	2011 2012				1						1		
34		W 11.68 % ROE W Increased ROE	2012				1						1		
35		W Increased ROE W 11.68 % ROE	2012				1						1		
37		W Increased ROE	2013				1						l		
38		W 11.68 % ROE	2014				ĺ						1		
39		W Increased ROE	2014				ĺ						1		
40		W 11.68 % ROE	2015	18,260,361	232,128	1,375,013	ĺ			17,370,246	185,057	1,096,185	13,591,177	156,762	928,580
41		W Increased ROE	2015	18,260,361	232,128	1,375,013	4.004.07-	05.00-	EE0 0	17,370,246	185,057	1,096,185	13,591,177	156,762	928,580
42		W 11.68 % ROE	2016	19,039,119	458,839	2,637,556	4,024,723	95,827	556,391	32,167,824	770,307	4,451,390	118,288,759	2,820,131	16,356,354
43		W Increased ROE W 11.68 % ROE	2016 2017	19,039,119 18,586,669	458,839 458,892	2,637,556 2,542,906	4,024,723 39,858,124	95,827 277.639	556,391 1.582,248	32,167,824 31,074,276	770,307 763,146	4,451,390 4,250,525	118,288,759	2,820,131	16,356,354
		W 11.68 % ROE W Increased ROE	2017	18,586,669	458,892 458.892	2,542,906	39,858,124	277,639	1,582,248	31,074,276	763,146 763.146	4,250,525	0	0	0
45		W Increased ROE W 11.68 % ROE	2017	18,586,669	458,892 458.872	2,542,906	39,858,124	277,639 826.899	1,582,248 4.116.007	31,074,276	763,146 762.551	4,250,525 3.664.036	0	0	0
-		W Increased ROE	2018	18,128,720	458,872	2,193,902	34,366,749	826,899	4,116,007	30,316,606	762,551	3,664,036	0	0	0
47		W 11.68 % ROE	2019	17,670,135	459.021	2,124,521	41,581,532	1,018,617	4,937,889	29,548,579	762,610	3,547,715	0	0	0

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#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2019

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Find Charge Rate (FCR) If If not a CAC

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Replace Charge Rate (FCR) If If not a CAC

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Replace Charge Rate (FC

10	"Yes" if a project under PJM	Details		Install Conema	igh 250MVAR Cap B	lank (B0376)	Reconfigure Kea	rny- Loop in P2216	Ckt (B1589)	Reconfigure Bru	unswick Sw-New 69k\	/Ckt-T (B2146)	350 MVAR Res	actor Hopatcong 50	0kV (B2702)
	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	Increased ROE (Basis Points)		0			0			0			0		
	From line 3 above if "No" on line	Tricuscu (Causa i Gina)													
	13 and From line 7 above if	l													
15	"Yes" on line 13 Line 14 plus (line 5 times line	11.68% ROE		9.43%			9.43%			9.43%			9.43%		
16	15)/100	FCR for This Project		9.43%			9.43%			9.43%			9.43%		
1	Service Account 101 or 106 if not														
1	yet classified - End of year balance	l													
17	Datance	Investment		1,108,058			22,218,229			149,126,087			22,302,697		
		Annual Depreciation or Amort Exp													
18	Line 17 divided by line 12			26,382			529,005			3,550,621			531,017		
19	Months in service for depreciation expense from			13.00			13.00			13.00			13.00		
19	Year placed in Service (0 if			13.00			13.00			13.00			13.00		
20	CWIP)			2016			2018			2017			2018		
					Depreciation or			Depreciation or			Depreciation or			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 W Increased ROE	2007 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	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE	2010												
32		W 11.68 % ROE W Increased ROE	2011 2011												
33		W Increased ROE W 11.68 % ROE	2011												
35		W Increased ROE	2012												
36		W 11.68 % ROE	2013												
37		W Increased ROE	2013												
35		W 11.68 % ROE	2014												
39		W Increased ROE W 11.68 % ROE	2014 2015												
40		W 11.68 % ROE W Increased ROE	2015 2015												
41		W 11.68 % ROE	2015	1.108.058	26.382	153.181									
43		W 11.06 % ROE W Increased ROE	2016	1,108,058	26,382	153,181									
43		W 11.68 % ROE	2017	1.081.675	26,382	147,691	2.060.962	3,775	21.554	75.384.047	433.473	2.475.231			
- 45		W Increased ROE	2017	1.081.675	26.382	147,691	2.060,962	3,775	21,554	75,384,047	433,473	2,475,231			
46		W 11.68 % ROE	2018	1,081,675	26,382	129,905	21,487,134	326,604	1,639,441	146,250,715	2,154,587	10,815,286	21,301,080	272,673	1,368,726
47		W Increased ROE	2018	1,081,675	26,382	129,905	21,487,134	326,604	1,639,441	146,250,715	2,154,587	10,815,286	21,301,080	272,673	1,368,726
44		W 11.68 % ROE	2019	1,028,911	26,382	123,362	21,887,850	529,005	2,592,047	146,538,027	3,550,621	17,362,581	22,030,024	531,017	2,607,459
45		W Increased ROE	2019	1,028,911	26,382	123,362	21,887,850	529,005	2,592,047	146,538,027	3,550,621	17,362,581	22,030,024	531,017	2,607,459

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1	New Plant Carryi	ng Charge				Page 16 of 23
2	Fixed Charge Ra if not a CIAC	te (FCR) if	Formula Line			
3		A	152	Net Plant Carrying Charge without Depreciation	9.43%	
4		В	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.00%	
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	1.33%	
				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 11.5	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		
				13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.		

10		Details		Surgunhanna	Roseland < 500KV (B0489.4) (CWIP)	Surguehann	a Roseland >= 500kV (B0489) (	(CWIR)	North Central Reliabili	ty (West Orange Conversion) (B1154) (CWIP	Mickleton Gle	ucester-Camden(B1398-B1398.7) (CWIF
10	"Yes" if a project under PJM	Details		Ousquemme	tosessing County (D0403.4) (CHIII)	Ouaquenami	a reacasta y subset (00403) (	,,,,,	NOISI CERMINI (CIMO)	ty (West Orange Conversion) (D1154) (UNI	michaelon-Ok	docates-damoenjo 1530-0 1530.7) (GWII
	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)		125		125			0		0	
	13 and From line 7 above if											
15		11.68% ROE		9.43%		9.43%			9.43%		9.43%	
	Line 14 plus (line 5 times line											
16	15)/100	FCR for This Project		10.14%		10.14%			9.43%		9.43%	
	Service Account 101 or 106 if not yet classified - End of year	I										
17	balance	Investment		0			n		0			
		The Suite It					•				· ·	
		Annual Depreciation or Amort Exp										
18	Line 17 divided by line 12			0			0		0		0	
19	Months in service for depreciation expense from											
19	Year placed in Service (0 if											
20	CWIP)											
					Depreciation or		Depreciation or			Depreciation or		Depreciation or
21			Invest Yr	Ending	Amortization Revenue	Ending		evenue	Ending	Amortization Revenue	Ending	Amortization Revenue
22		W 11.68 % ROE	2006	Liidiid	TO TO TO TO TO TO TO TO TO TO TO TO TO T	Limite		CTCHGC	Litalita	Kerence	Liidiid	Kevende
23		W Increased ROE	2006									
24		W 11.68 % ROE	2007									
25		W Increased ROE	2007									
26		W 11.68 % ROE	2008			8,927,082		819,421				
27		W Increased ROE	2008 2009		704	8,927,082		858,682 3.927,226				
25		W 11.68 % ROE W Increased ROE	2009	8,601,534 8,601,534	794. 833							
29 30		W 11.68 % ROE	2009	10.121.290	1,719			4,120,411 0.780,919				
31		W Increased ROF	2010	10,121,290	1.811.			1.355.769				
32		W 11.68 % ROE	2011	30.831.150	3.376			9,674,374	19.588.655	1,299,846	1.648.851	56
33		W Increased ROE	2011	30,831,150	3,565			0.775.227	19.588.655	1,299,846	1,648,851	56
34		W 11.68 % ROE	2012	38,077,851	5,359		1 2	7,190,938	139,052,337	10,137,161	22,706,717	1,587
35		W Increased ROE	2012	38,077,851	5,676			8,801,108	139,052,337	10,137,161	22,706,717	1,587
35		W 11.68 % ROE	2013	40,538,248	5,381			6,420,758	79,292,223	21,408,869	117,558,986	7,924
37		W Increased ROE	2013	40,538,248	5,730			0,074,507	79,292,223	21,408,869	117,558,986	7,924
35		W 11.68 % ROE	2014	12,476,737	1,537			8,945,163	31,617,517	3,895,715		16,099
39		W Increased ROE	2014	12,476,737	1,646			1,002,624	31,617,517	3,895,715	160,260,925	16,099
40		W 11.68 % ROE	2015	0		0 15,544,417		1,822,213	0	0	81,558,947	9,560
41		W Increased ROE W 11.68 % ROE	2015	0		0 15,544,417		1,955,563	0	0		9,560
42			2016	0			-	0			0	
		W Increased ROE	2016	0		0 0		0	0	0	0	
43		W 11.68 % ROE	2017	0				-	-		-	
43 44						0 (	U	0	0	0	0	
43 44 45		W Increased ROE	2017					-				
43 44 45 46		W 11.68 % ROE	2018	ő		0	-	ō	0	0	0	
43 44 45						0 0	0	0	0	0	0	

Exhibit 1 46 of 54

1	New Plant Carrying Charge			Page 17 of 23
2	Fixed Charge Rate (FCR) if if not a CIAC			
3	Formula Line A 152	Net Plant Carrying Charge without Depreciation	9.43%	
4	B 159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.00%	
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	1.33%	
		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 subseq	uent years.	
8		Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast	t 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 Transm	ission Projects, Line 17 is the	

10		Details		Mickleton-Gloucester-	Camden Breakers (B1398.15-B1398.19) (CWIP)	Budada Car	nden 230kV Conversion (B1156) (CWIP)	Burkerton Country	230kV Conversion (B1156.13-B1156.20) (CWIP)	Northeast Grid	Reliability Project (B1304.1-B1304.4 (CWIP)
	"Yes" if a project under PJM	Details			(CWP)	Burnington - Can	iden 230kV Conversion (B1156) (CWIP)	Burington - Camden	230KV Conversion (B1196.13-B1196.20) (CWIP)		(CWIF)
	OATT Schedule 12, otherwise										
	"No"	Schedule 12	(Yes or No)	Yes		Yes		Yes		Yes	
	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		0		0		25	
15	"Yes" on line 13	11.68% ROE		9.43%		9.43%		9.43%		9.43%	
16	15)/100 Service Account 101 or 106 if not yet classified - End of year	FCR for This Project		9.43%		9.43%		9.43%		9.57%	
17	balance	Investment		0		0		0		0	
	Line 17 divided by line 12 Months in service for	Annual Depreciation or Amort Exp		0		0		0		0	
19	decreciation expense from Year placed in Service (0 if CWIP)										
-	,				Depreciation or		Depreciation or		Depreciation or		Depreciation or
21			Invest Yr	Ending	Amortization Revenue	Endina	Amortization Revenue	Endina	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								
26 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								
32		W 11.68 % ROE	2011			22,089,378	1,874,440				
33		W Increased ROE	2011			22,089,378	1,874,440				
34		W 11.68 % ROE	2012	532,375	24,600	128,653,138	10,501,318	9,231,712	791,084	81,587,177	6,341
35		W Increased ROE	2012	532,375	24,600	128,653,138	10,501,318	9,231,712	791,084	81,587,177	6,416
35		W 11.68 % ROE	2013	532,375	73,965	155,344,760	22,819,788	8,854,018	1,275,855	184,611,449	18,512
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
35		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,
39		W Increased ROE	2014	532,375	65,596	56,976,438	7,020,285	3,745,932	461,551	211,553,988	29,152
40		W 11.68 % ROE	2015	204,760	24,003			· ·	0	232,789,181	31,313,
41		W Increased ROE	2015	204,760	24,003	0	0	0	0	232,789,181	31,772,
		W 11.68 % ROE	2016	0	0				0	103,162,268	11,805
		W Increased ROE	2016	0	0	0	0	0	0	103,162,268	11,982
43		W 11.68 % ROE	2017	0	0	0	0	0	0	0	
43 44				0		0	0	0	0	0	
43 44 45		W Increased ROE	2017		° l			-	-		
42 43 44 45 46		W 11.68 % ROE	2018	0	0	0	0	0	0	0	
43 44 45					0			0	0	0	

Exhibit 1 47 of 54

### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2019

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Rived Charge Rate (FCR) if Innet a CIAC

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10		Details		Northeast Grid	Reliability Project (B1 (CWIP)	304.5-B1304.21)	Convert the Be circuit 345 kV a	rgen - Marion 138 k and associated subs (B2436.10) (CWIP)	tation upgrades	Convert the Ma kV and any ass	rion - Bayonne "L" 1: ociated substation up (CWIP)	38 kV circuit to 345 pgrades (B2436.21)	Convert the Mari and any associ	on - Bayonne "C" 13 ciated substation up (CWIP)	8 kV circuit to 345 kV grades (B2436.22)
	"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		Increased ROE (Basis Points)		25			0			0			0		
	From line 3 above if "No" on line 13 and From line 7 above if														
15	"Yes" on line 13	11.68% ROE		9.43%			9.43%			9.43%			9.43%		
15	Line 14 plus (line 5 times line	11.00% NOE		5.4376			5.4376			5.4376			5.4370		
16		FCR for This Project		9.57%			9.43%			9.43%			9.43%		
1	Service Account 101 or 106 if not			2.2770			2.10/0			2.40%			2.4070		
1	yet classified - End of year			I			l			I					
17	balance	Investment		0			0				)		0		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp									1				
18	Months in service for			0			0			'	,		0		
19	depreciation expense from														
	Year placed in Service (0 if														
20	CWIP)														
21			Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22		W 11.68 % ROE	2006	Elidilid	Amortization	Keveriue	Elidilid	Amortization	Revenue	Elidilid	Amortization	Kevenue	Elidilid	Amortization	Kevenue
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROF	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
25		W 11.68 % ROE	2009												
29		W Increased ROE	2009												
30		W 11.68 % ROE	2010				l						1		
31		W Increased ROE	2010	1			1			1			1		
32		W 11.68 % ROE	2011	I			l			I					
33		W Increased ROE	2011	I			l			I					
34		W 11.68 % ROE	2012	5,537,185		457,198	l						1		
35		W Increased ROE	2012	5,537,185		462,613	l						1		
36		W 11.68 % ROE	2013	18,052,410		1,627,531	l						1		
37		W Increased ROE	2013	18,052,410		1,648,610				4 500			4 504		
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	2015	31,157,349		2,336,445	79,833,944		3,818,309	14,281,935		836,684	14,081,213		819,896
42		W 11.68 % ROE	2016	35,334,506		4,043,459	518,235		5,126,158	11,570,665		857,240	2,658,598		921,870
43		W Increased ROE	2016	35,334,506		4,104,014	518,235		5,126,158	11,570,665		857,240	2,658,598		921,870
44		W 11.68 % ROE	2017	0		0	281,839		43,159	20,566,179		1,723,268	14,568,795		829,190
45		W Increased ROE	2017	0		0	281,839		43,159	20,566,179		1,723,268	14,568,795		829,190
46		W 11.68 % ROE	2018	0		0	327,500		31,344	3,373,416		322,857	4,386,778		419,841
47		W Increased ROE	2018	0		0	327,500		31,344	3,373,416		322,857	4,386,778		419,841
44		W 11.68 % ROE	2019	0		0	0		0	C		0	0		0
1 -		W Increased ROE	2019	0		0	0		0	0	1	0	0		0

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#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2019

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Fixed Charge Rate (FCR) if In of a CIAC

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A 152

B 153

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10		Details		Construct a new Ba	yway - Bayonne 345 kV circuit and an tation upgrades (B2436.33) (CWIP)		North Ave - Bayonne 345 kV circuit and substation upgrades (B2436.34) (CWIP)	Construct a new any associated su	North Ave - Airport 345 kV circuit and abstation upgrades (82436.50) (CWIP)	Linden "T" 13	underground portion of North Ave - 8 kV circuit to Bayway, convert it to ny associated substation upgrades (B2436.60) (CWIP)
	"Yes" if a project under PJM										
	OATT Schedule 12, otherwise	Schedule 12	06	V		Yes				34	
- 11	"No"		(Yes or No)	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	Increased ROE (Basis Points)		0		0		0		0	
	From line 3 above if "No" on line										
	13 and From line 7 above if										
15	"Yes" on line 13	11.68% ROE		9.43%		9.43%		9.43%		9.43%	
1	Line 14 plus (line 5 times line	COD to This Don't at		0.4007		0.400/		0.400		0.400/	
16	15)/100 Service Account 101 or 106 if not	FCR for This Project		9.43%		9.43%		9.43%		9.43%	
1	vet classified - End of year			1		1				1	
17	balance	Investment				0		0		0	
1 "				ľ						1	
1		Annual Depreciation or Amort Exp		l		1		1		1	
18	Line 17 divided by line 12			0		0		0		0	
	Months in service for										
19	depreciation expense from Year placed in Service (0 if										
20	CWIP)										
20	OIIII /										
					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		W 11.68 % ROE	2007								
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	2009								
30		W 11.68 % ROE	2010	l		1		1		1	
31		W Increased ROE	2010	l		1		1		1	
32		W 11.68 % ROE	2011	1		1				1	
33		W Increased ROE W 11.68 % ROE	2011	1		1				1	
34			2012	1		1				1	
35		W Increased ROE W 11.68 % ROE	2012 2013	l		1		1		1	
36		W 11.68 % ROE W Increased ROE	2013	1		1				1	
37		W 11.68 % ROE	2013	2.114.342	74.19	1,476,460	58.912	838.906	41.991	433.918	21,259
35		W Increased ROE	2014	2,114,342	74,19		58,912	838,906	41,991	433,918	
39		W 11.68 % ROE	2014	2,114,342 7,520,100	74,19 530,65		58,912 105,699	3,286,307	41,991 178,025	433,918 3,386,828	21,259 209,207
		W Increased ROE	2015	7,520,100	530,65		105,699	3,286,307	178,025	3,386,828	209,207
41		W Increased ROE W 11.68 % ROE	2015	7,520,100 65.119.433	3,473.89		1,695,242	24.980.240	1,011,439	14.073.743	209,207 749.927
_											
43		W Increased ROE	2016	65,119,433	3,473,89		1,695,242	24,980,240	1,011,439	14,073,743	749,927
44		W 11.68 % ROE	2017	136,377,541	11,692,33		9,031,610	60,812,051	4,902,694	26,861,722	2,000,778
45		W Increased ROE	2017	136,377,541	11,692,33		9,031,610	60,812,051	4,902,694	26,861,722	
45		W 11.68 % ROE	2018	20,653,909	1,976,70		2,908,909	14,893,653	1,425,414	8,794,765	841,713
		W Increased ROE	2018	20,653,909	1,976,70		2,908,909	14,893,653	1,425,414	8,794,765	841,713
47											
47		W 11.68 % ROE W Increased ROE	2019 2019	0		0	0	0	0	0	0

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### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2019

1 New Plant Carrying Charge
Formula Line
1 Formula Line
1 Promise Line
1 September 1 September 1 September 2 Septe

10	"Yes" if a project under PJM	Details		Construct a new any associated sub	Airport - Bayway 345 kV circu estation upgrades (B2436.70)	it and	"T" 138 kV circuit t	nead portion of Lind o Bayway, convert it station upgrades (B:	to 345 kV, and	345 kV and an	yway - Linden "Z" 138 kV circuit y associated substation upgrade (B2436.83) (CWIP)	Convert the Bar kV and any asso	yway - Linden "W" 138 k ociated substation upgra (CWIP)	
	OATT Schedule 12, otherwise													
		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		9.43%			9.43%			9.43%		9.43%		
	Line 14 plus (line 5 times line													
16	15)/100	FCR for This Project		9.43%			9.43%			9.43%		9.43%		
1	Service Account 101 or 106 if not											1		
17	yet classified - End of year balance	Investment					0					,		
1/	balance	investment		0			0			0			,	
1		Annual Depreciation or Amort Exp										1		
18	Line 17 divided by line 12			0			0			0			)	
	Months in service for													
19	depreciation expense from Year placed in Service (0 if													
20	CWIP)													
					Depreciation or			Depreciation or			Depreciation or		Depreciation or	
21 22		W 11.68 % ROE	Invest Yr 2006	Endina	Amortization Rever	nue	Endina	Amortization	Revenue	Ending	Amortization Revenue	Ending	Amortization	Revenue
		W Increased ROE	2006											
23 24		W 11.68 % ROE	2006											
25		W Increased ROE	2007											
26		W 11.68 % ROE	2008											
27		W Increased ROE	2008											
28		W 11.68 % ROE	2009									1		
29		W Increased ROE	2009									1		
30		W 11.68 % ROE	2010									1		
31		W Increased ROE	2010									1		
32		W 11.68 % ROE	2011									1		
33		W Increased ROE	2011									1		
34		W 11.68 % ROE W Increased ROE	2012									1		
35 36		W Increased ROE W 11.68 % ROE	2012 2013									1		
36		W Increased ROE	2013									1		
37		W 11.68 % ROE	2013	1.370.003		56.093	597.317		24.145	597.317	24.1	15 569.297		24.114
39		W Increased ROE	2014	1,370,003		56.093	597,317		24,145	597.317	24.1			24,114
40		W 11.68 % ROE	2015	7,110,556		14,795	4,018,145		249,912	4,018,145	249,9			236,839
41		W Increased ROE	2015	7,110,556	4	14,795	4,018,145		249,912	4,018,145	249,9	3,852,871		236,839
42		W 11.68 % ROE	2016	45,554,419		11,095	21,015,450		1,295,020	21,015,450	1,295,0			1,342,797
43		W Increased ROE	2016	45.554.419		11.095	21.015.450		1,295,020	21.015.450	1.295.0			1,342,797
44		W 11.68 % ROE	2017	56,811,725		39,024	2,241,295		752,918	2,241,295	752,9			1,072,332
45		W Increased ROE	2017	56,811,725		39,024	2,241,295		752,918	2,241,295	752,9			1,072,332
46		W 11.68 % ROE	2018	13,879,908		28,392	84.069		8.046	80.847	7,7			0
47		W Increased ROE	2018	13.879.908		28,392	84.069		8.046	80,847	7,7			0
44		W 11.68 % ROE	2019	0 0,070,000	1,01	0	04,000		0,040	0,047	*,*	0 0		ő
		W Increased ROE	2019	0		n	0		0	0		0 0		0

Exhibit 1 50 of 54

#### Public Service Electric and Gas Company ATTACHMENT H-10A Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2019

Page 21 of 23

Flood Charge Rate (FCR) If If not a CIAC

Formula Line
In not a CIAC

Formula Line
In not a CIAC

Formula Line
In not a Ciac
Formula Line
In not a Ciac
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Formula Line
In not a Ciac
Formula Line
In not a Ciac
Not Paur Carnying Charge without Depreciation
In 10,00%
In FOR IT a CIAC
FOR IT a CIAC

FOR IT a CIAC

FOR IT a CIAC

FOR IT a CIAC

Formula Line
In Formula Line given year in used for flat year only.
The FCR resulting from Formula line given year in used for flat year only.
The FCR resulting from Formula line given year in used for flat year only.
The FCR resulting from Formula line given year in used for flat year only.

Per FERO Condition Charge (Familia)
In referee actual revenues collected in a year of not charge based on cost data for subsequent years.

Per FERO Condition Charge (Familia)
In north average balance from Atlanch 64, and Line 19 will be number of months to be amortized in year plus one.

In north average balance from Atlanch 64, and Line 19 will be number of months to be amortized in year plus one.

10		Details			inden "M" 138 kV circuit to 345 kV station upgrades (B2436.85) (CWIP)	Marion 345 kV and ar	idson "B" and "C" 345 kV circuits to ny associated substation upgrades 2436.90) (CWIP)		generation to inject into the 345 kV at ciated upgrades (B2436.91) (CWIP)		5/230 kV transformer and any associated ion upgrades (B2437.10) (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										
13	of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No		No		No		No	
	Input the allowed increase in		, ,								
14		Increased ROE (Basis Points)		0		0		0		0	
	From line 3 above if "No" on line 13 and From line 7 above if										
15		11.68% ROE		9.43%		9.43%		9.43%		9.43%	
	Line 14 plus (line 5 times line										
16		FCR for This Project		9.43%		9.43%		9.43%		9.43%	
	Service Account 101 or 106 if not yet classified - End of year					l		1		1	
17		Investment						0			1
1				Ů		l				1	
		Annual Depreciation or Amort Exp									
18	Line 17 divided by line 12 Months in service for			0		0		0		(	)
19	depreciation expense from										
	Year placed in Service (0 if										
20	CWIP)										
					Pepreciation or		Depreciation or		Depreciation or		Depreciation or
21			Invest Yr		Amortization Revenue	Endina	Amortization Revenue		Amortization Revenue	Ending	Amortization Revenue
22		W 11.68 % ROE	2006								
23		W Increased ROE	2006								
24		W 11.68 % ROE W Increased ROE	2007 2007								
25 26		W 11.68 % ROE	2007								
27		W Increased ROF	2008								
25		W 11.68 % ROE	2009								
29		W Increased ROE	2009								
30		W 11.68 % ROE	2010			l				1	
31		W Increased ROE	2010							I	
32		W 11.68 % ROE	2011							I	
33		W Increased ROE	2011			l				1	
34		W 11.68 % ROE W Increased ROE	2012 2012			l				1	
35		W 11.68 % ROE	2012			l		1		1	
30		W Increased ROE	2013							I	
38		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		
40		W 11.68 % ROE	2015	3,852,871	236,839	14,750,089	849,382	13,603,685	780,003		
41		W Increased ROE	2015	3,852,871	236,839	14,750,089	849,382	13,603,685	780,003		
42		W 11.68 % ROE	2016	22,912,843	1,342,797	946,989	868,195		704,952		
43		W Increased ROE	2016	22,912,843	1,342,797	946,989	868,195	34,036	704,952		
44		W 11.68 % ROE	2017	211,045	1,072,332	891,553	91,333	25,172	2,823		
45		W Increased ROE	2017	211,045	1,072,332	891,553	91,333	25,172	2,823		
45		W 11.68 % ROE	2018	0	0	1,421,804	136,075	7,334	702		
47		W Increased ROE	2018	0	0	1,421,804	136,075	7,334	702		
44		W 11.68 % ROE	2019	0	0	0	0	0	0		
		W Increased ROE	2019	0	0	0		0	0	0	0

Exhibit 1 51 of 54

1	New Plant Carrying Charge	Page 22	of 23
2	Fixed Charge Rate (FCR) if if not a CIAC		
3 4 5	Formula Lini A 152 B 159 C	Net Plant Carrying Charge without Depreciation 9.43%, Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation 10.0% Line Bless Line A 0.57%	
6	FCR if a CIAC		
7	D 153	Net Plant Carrying Charge without Depreciation, Return, nor income Taxes 1.33%	
		The FCR residing 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 RDE for the Northeast Grid Reliability Project is 11.93%,	
9		which includes a 25 basis point transmission ROE adder as a substituted by FEK's to become effective January 1, 20/2. For abundanced plant lines 12, 14, 15, and 16 will be from Altachment 5 - Abundanced Transmission Projects, Line 17 is the 13 month average plature from Altach du, and Line Y will be numbered of norths to be amontfasted in year plan one.	

				New Bergen 345/	/138 kV transformer #1 and any	New Bayway	345/138 kV transfor	mer #1 and any	New Bayway 34	45/138 kV transformer #	2 and any	New Linden 345/27	30 kV transformer an	d any associated
10	"Yes" if a project under PJM	Details		associated substat	tion upgrades (B2437.11) (CWIP)	associated su	bstation upgrades (E	32437.20) (CWIP)	associated subst	tation upgrades (B2437	.21) (CWIP)	substation	n upgrades (B2437.30	) (CWIP)
	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	Life		42		42			42			42		
	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)		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		9.43%		9.43%			9.43%			9.43%		
15	Line 14 plus (line 5 times line	11.66% ROE		9.43%		9.43%			9.43%			9.43%		
16	15)/100	FCR for This Project		9.43%		9.43%			9.43%			9.43%		
	Service Account 101 or 106 if not													
17	yet classified - End of year balance	Investment		0										
17	Duning.	III VESUIICI II		0			'							
1		Annual Depreciation or Amort Exp		1								1		
18	Line 17 divided by line 12			0			1		0			0		
19	Months in service for depreciation expense from													
	Year placed in Service (0 if													
20	CWIP)													
					Depreciation or		Depreciation or			Depreciation or			Depreciation or	
21			Invest Yr	Endina	Amortization Revenue	Ending	Amortization	Revenue	Endina	Amortization	Revenue	Endina	Amortization	Revenue
22		W 11.68 % ROE	2006											
23 24		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	2009											
30		W 11.68 % ROE W Increased ROE	2010 2010											
31		W Increased ROE W 11.68 % ROE	2010											
33		W Increased ROE	2011											
34		W 11.68 % ROE	2012	1								1		
35		W Increased ROE	2012											
36		W 11.68 % ROE	2013			1								
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
38		W Increased ROE	2014	5,002,105	223,171			4,946	124,051		4,952	337,461		13,854
40		W 11.68 % ROE	2015	21,058,511	1,530,122			148,281	2,602,395		148,345	2,972,226		101,157
41		W Increased ROE	2015	21,058,511	1,530,122			148,281	2,602,395		148,345	2,972,226		101,157
42		W 11.68 % ROE	2016	96,330	915,296			597,380	9,750,168		597,124	35,618,949		2,125,894
43		W Increased ROE	2016	96,330	915,296			597,380	9,750,168		597,124	35,618,949		2,125,894
44		W 11.68 % ROE	2017	96,330	10,803			456,263	8,039		455,980	22,702,321		2,983,144
45		W Increased ROE	2017	96,330	10,803			456,263	8,039		455,980	22,702,321		2,983,144
46		W 11.68 % ROE	2018	352,578	33,744			735	7,678		735	1,673,479		160,162
		W Increased ROE	2018	352,578	33,744	7,678		735	7,678		735	1,673,479		160,162
47														
47 44 45		W 11.68 % ROE W Increased ROE	2019	0	Ć.	0		0	0		0	0		0

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1		New Plant Carrying Charge									Page 23 of 23
2		Fixed Charge Rate (FCR) if									
3		if not a CIAC	Formula Line	Not Bloot Cornin	g Charge without Dep	reciption				9.43%	
4		B	159	Net Plant Carryin Line B less Line	g Charge per 100 Ba	sis Point in RC	DE with	nout Depreciation		10.00%	
6		FCR if a CIAC								-	
7		D	153	Net Plant Carryin	g Charge without Dep	oreciation, Ret	turn, no	or Income Taxes		1.33%	
				The FCR resulting I	from Formula in a given	year is used for	that ye	ear only.			
								d on cost data for subsequ	ient years. I Grid Reliability Project is 11	027	
8				which includes a 2	5 basis-point transmissi	on ROE adder as	s autho	rized by FERC to become	effective January 1, 2012.		
9								ent 5 - Abandoned Transm mber of months to be amo	ission Projects, Line 17 is the rtized in year plus one.	•	
_		ı									1
				New Bayonne	345/69 kV transform	er and anv					
10		Details		associated si	ubstation upgrades (CWIP)	(B2437.33)					
	"Yes" if a project under PJM OATT Schedule 12, otherwise										
11	"No" Useful life of the project	Schedule 12 Life	(Yes or No)	Yes 42							
	"Yes" if the customer has paid a lumpsum payment in the amount										
13	of the investment on line 29, Otherwise "No" Input the allowed increase in	CIAC	(Yes or No)	No							
14	ROE From line 3 above if "No" on line	Increased ROE (Basis Points)		0							
15	13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.43%							
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.43%							
	Service Account 101 or 106 if not yet classified - End of year balance										
17	balance	Investment  Annual Depreciation or Amort Exp		0							
18	Line 17 divided by line 12 Months in service for	Alliuai Depreciation of Amort Exp		0							
19	depreciation expense from Year placed in Service (0 if										
20	CWIP)									I	
21		W 11.68 % ROE	Invest Yr	Endina	Depreciation or Amortization	Revenue	_	Total	Incentive Charged	Revenue Credit	
22		W Increased ROE	2006 2006				\$	4,652,471 4,652,471	\$ 4,652,471	\$ 4,652,471	s -
24 25		W 11.68 % ROE W Increased ROE	2007 2007				\$	29,476,571 29,476,571	\$ 29,476,571	\$ 29,476,571	s -
26 27		W 11.68 % ROE W Increased ROE	2008 2008				\$	32,346,385 32,385,646	\$ 32,385,646	\$ 32,346,385	\$ 39,261
25		W 11.68 % ROE	2009				\$	51,356,608		\$ 51,356,608	
29 30		W Increased ROE W 11.68 % ROE	2009 2010				\$	51,588,883 61,349,032	\$ 51,588,883	\$ 61,349,032	\$ 232,275
31		W Increased ROE W 11.68 % ROE	2010 2011				\$	62,015,568 78,438,322	\$ 62,015,568	\$ 78,438,322	\$ 666,536 \$
33		W Increased ROE	2011				\$	79,823,709	\$ 79,823,709		\$ 1,385,386
34 35		W 11.68 % ROE W Increased ROE	2012 2012				\$		\$ 131,858,773	\$ 129,728,618	\$ 2,130,155
36 37		W 11.68 % ROE W Increased ROE	2013				\$	279,708,533 284,314,797	\$ 284,314,797	\$ 279,708,533	\$ 4,606,265
38		W 11.68 % ROE W Increased ROE	2014 2014	133,460 133,460		5,677 5,677	\$	342,977,142 349,823,024		\$ 342,977,142	
39 40		W 11.68 % ROE	2015	258,129		20,804	\$	434,110,713	\$ 349,823,024	\$ 434,110,713	\$ 6,845,883
41 42		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	\$ 558,001,204	\$ 7,503,754
43		W Increased ROE W 11.68 % ROE	2016 2017	2,173,541 12,011,798		157,609 731,664	\$	566,080,859 578,780,093	\$ 566,080,859	\$ 578,780,093	\$ 8,079,655
45		W Increased ROE	2017	12,011,798		731,664	\$	586,633,835	\$ 586,633,835		\$ 7,853,742
46 47		W 11.68 % ROE W Increased ROE	2018 2018	1,914,773 1,914,773		183,255 183,255	\$	506,060,336 511,849,690	\$ 511,849,690	\$ 506,060,336	\$ 5,789,354
44 45		W 11.68 % ROE W Increased ROE	2019 2019	0		0	\$	547,369,866 553,557,618	\$ 553,557,618	\$ 547,369,866	\$ 6,187,751
1 45		W IIICIGOGO NOC	2015				φ	300,307,010	ψ JJJ,JJ/,010		0,107,751

Exhibit 1 53 of 54

#### 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, 2019

pgrade ID	RTEP Baseline Project Description	Estimated/Actual Project Cost (thru 2019) *	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
50101	Build a new 230 kV section from Branchburg - Flagtown and move the Flagtown -	20,001,100	1107 00
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
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	\$ 62,938,142	Dec-11
b1399	Aldene-Springfield Rd. Conversion	\$ 72,376,948	Dec-12
b1590	Upgrade Camden-Richmond 230kV Circuit	\$ 11,276,183	Apr-13
b1588	Uprate EaglePoint-Gloucester 230kV Circuit	\$ 12,081,133	May-11
b2139	Build Mickleton-Gloucester Corridor Ultimate Design	\$ 19,278,867	Dec-13
b1255	Ridge Road 69kV Breaker Station	\$ 42,781,896	Jun-16
b1787	New Cox's Corner-Lumberton 230kV Circuit	\$ 32,029,640	Nov-13
b0376	Install Conemaugh 250MVAR Cap Bank	\$ 1,108,058	
			Mar-16
b1589	Reconfigure Kearny- Loop in P2216 Ckt		May-18
b2146	Reconfigure Brunswick Sw-New 69kVCkt-T		Oct-17
b2702	350 MVAR Reactor Hopatcong 500kV	\$ 22,302,697	Jun-18
b0489.4	Susquehanna Roseland Breakers Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (Below 500 kV elements of the project)	\$ 5,857,687 \$ 40,538,248	Jun-14 Nov-11
b0489	Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project)	\$ 721,881,272	Mar-15
b1156	Burlington - Camden 230kV Conversion	\$ 356,333,540	Oct-14
b1398 - b1398.7	Mickleton-Gloucester-Camden	\$ 438,746,971	Jun-15
b1154	North Central Reliability (West Orange Conversion)	\$ 370,007,352	Jun-15
b1304.1-b1304.4	Northeast Grid Reliability Project Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated	\$ 625,126,924	Jun-15
b2436.10	substation upgrades	\$ 180,222,157	Jan-16
b2436.21	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 64,274,999	May-16
b2436.22	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 47,416,059	May-16
b2436.60	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway,	\$ 48,470,597	Dec-15
b2436.81	convert it to 345 kV, and any associated substation upgrades	\$ 49,111,440	Dec-15
b2436.83	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 49,111,440	Dec-15
b2436.84	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 46,581,405	Dec-15
	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation		
b2436.85	upgrades Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any	\$ 46,581,405	Dec-15
b2436.90	associated substation upgrades	\$ 31,820,773	May-16
b2437.10 b2437.20	New Bergen 345/230 kV transformer and any associated substation upgrades  New Bayway 345/138 kV transformer #1 and any associated substation upgrades	\$ 27,828,619 \$ 15,828,121	May-16 Dec-15
b2437.20 b2437.21	New Bayway 345/138 kV transformer #1 and any associated substation upgrades	\$ 15,828,121	Dec-15
b2437.21 b2437.30	New Linden 345/230 kV transformer and any associated substation upgrades	\$ 15,828,121 \$ 21,021,567	Jul-16
		\$ 4,114,265,532	

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

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

Amounts reflected in Ai	nnual Update Filing
2018 EOY Amount	(2,594,965,174) A
2019 FOY Amount	(2 673 918 181) B

Account 202	Transmission	Diant rolated	Liberalized	Donrociation	for 2010
ACCOUNT 282.	iransmission	Plant-related	Liberalized	Depreciation.	TOT 2019

	(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 Percentage	Monthly Prorated Amount	Cumulative "prorated" ADIT	Beginning & Ending ADIT Balance
1	2018	Dec						(2,594,965,174) A
2	2019	Jan	(3,844,304)	335	91.78%	(3,528,334)	(2,598,493,508)	
3	2019	Feb	(3,844,304)	307	84.11%	(3,233,428)	(2,601,726,936)	
4	2019	Mar	(3,844,304)	276	75.62%	(2,906,926)	(2,604,633,862)	
5	2019	Apr	(3,844,304)	246	67.40%	(2,590,956)	(2,607,224,818)	
6	2019	May	(3,844,304)	215	58.90%	(2,264,453)	(2,609,489,271)	
7	2019	Jun	(3,844,304)	185	50.68%	(1,948,483)	(2,611,437,754)	
8	2019	Jul	(3,844,304)	154	42.19%	(1,621,980)	(2,613,059,734)	
9	2019	Aug	(3,844,304)	123	33.70%	(1,295,478)	(2,614,355,212)	
10	2019	Sep	(3,844,304)	93	25.48%	(979,508)	(2,615,334,720)	
11	2019	Oct	(3,844,304)	62	16.99%	(653,005)	(2,615,987,725)	
12	2019	Nov	(3,844,304)	32	8.77%	(337,035)	(2,616,324,760)	
13	2019	Dec	(3,844,304)	1	0.27%	(10,532)	(2,616,335,292)	
		Total	(46,131,647)	•	:	(21,370,118)	•	
14			Projected 2019 Liberal	ized Depreciation	based on ADIT	Proration Methodology:		(21,370,118)
15			•	•		eprecation not subject to Pro	oration Methodology:	(57,582,889)
16			•			eciation ADIT included in the	<u> </u>	(2,673,918,181) B

Exp	lanations:

explanations.	
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.

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

Amounts reflected in Annual	Update Filing	
2018 EOY Amount	(32,619,773)	Δ
2019 EOY Amount	(33.514.268)	e

Account 282	Common	Plant-related	I iheralized	Depreciation.	for 2019

	(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 Percentage	Monthly Prorated Amount	Cumulative "prorated" ADIT	Beginning & Ending ADIT Balance
1	2018	Dec						(32,619,773) A
2	2019	Jan	36,764	335	91.78%	33,742	(32,586,031)	
3	2019	Feb	36,764	307	84.11%	30,922	(32,555,109)	
4	2019	Mar	36,764	276	75.62%	27,800	(32,527,309)	
5	2019	Apr	36,764	246	67.40%	24,778	(32,502,531)	
6	2019	May	36,764	215	58.90%	21,656	(32,480,875)	
7	2019	Jun	36,764	185	50.68%	18,634	(32,462,241)	
8	2019	Jul	36,764	154	42.19%	15,511	(32,446,730)	
9	2019	Aug	36,764	123	33.70%	12,389	(32,434,341)	
10	2019	Sep	36,764	93	25.48%	9,367	(32,424,974)	
11	2019	Oct	36,764	62	16.99%	6,245	(32,418,729)	
12	2019	Nov	36,764	32	8.77%	3,223	(32,415,506)	
13	2019	Dec	36,764	1	0.27%	101	(32,415,405)	
		Total	441,170	•	=	204,368	- -	
14			Projected 2019 Libera	lized Depreciation I	based on ADIT	Proration Methodology:		204,368
15			Plus: Projected 2019 A	ADIT associated wi	th Liberalized D	eprecation not subject to Pr	oration Methodology:	(1,098,863)
16			Projected 2019 EOY F	ederal and State L	iberalized Depr	eciation ADIT included in the	e FERC Formula Filing:	(33,514,268) B

Exp	lanations:

Explanations.	
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 FOY balance of plant-related Liberalized Depreciation ADIT that is included in the formula rate