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VIA ELECTRONIC MAIL & OVERNIGHT MAIL

January 12, 2018

In the Matter of the Provision of
Basic Generation Service for Year Two of the Post-Transition Period
-and-
In the Matter of the Provision of
Basic Generation Service for the Period Beginning June 1, 2015
-and-
In the Matter of the Provision of
Basic Generation Service for the Period Beginning June 1, 2016
-and-
In the Matter of the Provision of
Basic Generation Service for the Period Beginning June 1, 2017

Docket Nos. EO03050394, ER14040370, ER15040482, ER16040337
++
Compliance Tariff Filing Reflecting Changes to Schedule 12 Charges in PJM Open Access Transmission Tariff Docket No. ER17121278

Irene Kim Asbury
Secretary of the Board
New Jersey Board of Public Utilities
44 South Clinton Avenue, 3rd Floor, Suite 314
Trenton, New Jersey 08625-0350

Dear Secretary Asbury:

Enclosed for filing on behalf of Jersey Central Power & Light Company ("JCP&L"), Atlantic City Electric Company ("ACE"), Public Service Electric and Gas Company ("PSE&G") and Rockland Electric Company ("RECO") (collectively, the "EDCs"), please find an original and ten copies of revised tariff sheets and supporting exhibits to update the initial filing made by the EDCs on December 8, 2017 in the above-captioned docket (the "December 8, 2017 Filing").

The attached updated tariff sheet sheets and supporting exhibits listed below are being submitted in order to incorporate PSE&G's January 9, 2018, filing with the Federal Energy Regulatory Commission ("FERC") revising its informational filing of PSE&G's 2018 Formula Rate Annual Update. This revised informational filing was made by PSE&G to implement the recent

reduction in the federal corporate income tax rate pursuant to the Tax Cuts and Jobs Act of 2017 ("TCJA"), *Public Law No. 115-97*. More specifically, in this informational filing, PSE&G updated the Federal Income Tax Rate value from 35% to 21%. The revised informational filing, which is to be effective January 1, 2018, does not require FERC approval.

Submitted herewith are the following attachments:

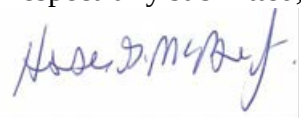
- Attachment 1 (Derivation of PSE&G NITS Charge)
- Attachment 2a (Pro-forma PSE&G Tariff Sheets)
- Attachment 2b (PSE&G Translation of NITS Charge into Customer Rates)
- Attachment 3a (Pro-forma JCPL Tariff Sheets)
- Attachment 3b (JCPL –Translation of PSE&G Transmission Enhancement Charges into Customer Rates)
- Attachment 4a (ACE Pro-forma Tariff Sheets)
- Attachment 4b (ACE – Translation of PSE&G Transmission Enhancement Charges into Customer Rates)
- Attachment 5a (RECO Pro-forma Tariff Sheets)
- Attachment 5b (RECO –Translation of PSE&G Transmission Enhancement Charges into Customer Rates)
- Attachment 6a (PSE&G Project Charges)
- Attachment 11 (PSE&G FERC filing formula rates)

The EDCs reiterate the requests for approval set forth in the December 8, 2017 Filing as if incorporated herein. We note that in our December 8, 2017 filing letter, we asked the BPU to approve the EDCs' request to compensate suppliers. In that request we advertently neglected to include "AEP" as a supplier to be compensated. More specifically, the first sentence in the paragraph on Page 2 of the December 8th letter, starting with "The EDCs", should have included AEP.

In addition, the EDCs respectfully request that the Board issue a waiver of the 30-day filing requirement that would otherwise apply to this submission because Basic Generation Service suppliers began paying these revised transmission charges effective January 1, 2018.

We thank the Board for all courtesies extended.

Respectfully submitted,



Attachments

C Service List (email only)

PUBLIC SERVICE ELECTRIC AND GAS COMPANY
BGS TRANSMISSION ENHANCEMENT CHARGE
BPU Docket No. ER17121278

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PUBLIC SERVICE ELECTRIC AND GAS COMPANY
BGS TRANSMISSION ENHANCEMENT CHARGE
BPU Docket No. ER17121278

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PUBLIC SERVICE ELECTRIC AND GAS COMPANY
BGS TRANSMISSION ENHANCEMENT CHARGE
BPU Docket No. ER17121278

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Attachment 1

Revised Derivation of PSE&G Network Integration Transmission Service (NITS) Charge

Revised Attachment 1 - PSE&G Network Integration Service Calculation.

Derived Network Integration Service Rate Applicable to PSE&G customers - Effective January 1, 2018 through December 31, 2018

Line #	Description	Rate			Source
(1)	Transmission Service Annual Revenue Requirement	$	1,248,819,352.00		Page 4 of Attachment 11 -Line 164
(2)	Total Schedule 12 TEC Included in above	$	(480,678,136.00)		Attachment 6a Column (a)
(3)	PSE&G Customer Share of Schedule 12 TEC	$	199,997,602.94		Attachment 6a Column (h)
(4)	Total Transmission Costs Borne by PSE&G customers	$	968,138,818.94		=(1) +(2) +(3)
(5)	2018 PSE&G Network Service Peak		9,566.9	MW	Page 4 of Attachment 11 - -Line 165
(6)	2018 Derived Network Integration Transmission Service Rate	$	101,196.71	per MW-year	
	Resulting 2018 BGS Firm Transmission Service Supplier Rate	$	277.25	per MW-day	= (6)/365

Attachment 2 – PSE&G Tariffs and Rate Translation

Revised
Attachment 2a
Pro-forma PSE&G Tariff Sheets

Revised
Attachment 2b
PSE&G Translation of NITS Charge into
Customer Rates

Revised
Attachment 2a
Pro-forma PSE&G Tariff Sheets

PUBLIC SERVICE ELECTRIC AND GAS COMPANY **XXX Revised Sheet No. 75**
Superseding
B.P.U.N.J. No. 15 ELECTRIC **XXX Revised Sheet No. 75**

BASIC GENERATION SERVICE – RESIDENTIAL SMALL COMMERCIAL PRICING (BGS-RSCP) ELECTRIC SUPPLY CHARGES

APPLICABLE TO:

Default electric supply service for Rate Schedules RS, RHS, RLM, WH, WHS, HS, BPL, BPL-POF, PSAL, GLP and LPL-Secondary (less than 500 kilowatts).

BGS ENERGY CHARGES:

Applicable to Rate Schedules RS, RHS, RLM, WH, WHS, HS, BPL, BPL-POF and PSAL

Charges per kilowatthour:

Rate Schedule	For usage in each of the months of October through May		For usage in each of the months of June through September	
	Charges	Charges Including SUT	Charges	Charges Including SUT
RS – first 600 kWh	$0.113924	$0.121471	$0.113978	$0.121529
RS – in excess of 600 kWh	0.113924	0.121471	0.123096	0.131251
RHS – first 600 kWh	0.092558	0.098690	0.087662	0.093470
RHS – in excess of 600 kWh	0.092558	0.098690	0.099854	0.106469
RLM On-Peak	0.194795	0.207700	0.206233	0.219896
RLM Off-Peak	0.053779	0.057342	0.050015	0.053328
WH	0.054424	0.058030	0.051835	0.055269
WHS	0.054891	0.058528	0.051426	0.054833
HS	0.092157	0.098262	0.093036	0.099200
BPL	0.051712	0.055138	0.046936	0.050046
BPL-POF	0.051712	0.055138	0.046936	0.050046
PSAL	0.051712	0.055138	0.046936	0.050046

The above Basic Generation Service Energy Charges reflect costs for Energy, Generation Capacity, Transmission, and Ancillary Services (including PJM Interconnection, L.L.C. (PJM) Administrative Charges). The portion of these charges related to Network Integration Transmission Service, including the PJM Seams Elimination Cost Assignment Charges, the PJM Reliability Must Run Charge and PJM Transmission Enhancement Charges may be changed from time to time on the effective date of such change to the PJM rate for these charges as approved by the Federal Energy Regulatory Commission (FERC).

Kilowatt threshold noted above is based upon the customer's Peak Load Share of the overall summer peak load assigned to Public Service by the Pennsylvania-New Jersey-Maryland Office of the Interconnection (PJM). See Section 9.1, Measurement of Electric Service, of the Standard Terms and Conditions of this Tariff.

PUBLIC SERVICE ELECTRIC AND GAS COMPANY **XXX Revised Sheet No. 79**
Superseding
B.P.U.N.J. No. 15 ELECTRIC **XXX Revised Sheet No. 79**

BASIC GENERATION SERVICE – RESIDENTIAL SMALL COMMERCIAL PRICING (BGS-RSCP)
ELECTRIC SUPPLY CHARGES
(Continued)

BGS CAPACITY CHARGES:

Applicable to Rate Schedules GLP and LPL-Sec.

Charges per kilowatt of Generation Obligation:

Charge applicable in the months of June through September .....$ 5.7899
Charge including New Jersey Sales and Use Tax (SUT) .....$ 6.1735

Charge applicable in the months of October through May.....$ 5.7899
Charge including New Jersey Sales and Use Tax (SUT) .....$ 6.1735

The above charges shall recover each customer's share of the overall summer peak load assigned to the Public Service Transmission Zone by the PJM Interconnection, L.L.C. (PJM) as adjusted by PJM assigned capacity related factors and shall be in accordance with Section 9.1, Measurement of Electric Service, of the Standard Terms and Conditions.

BGS TRANSMISSION CHARGES

Applicable to Rate Schedules GLP and LPL-Sec.

Charges per kilowatt of Transmission Obligation:

Currently effective Annual Transmission Rate for
Network Integration Transmission Service for the
Public Service Transmission Zone as derived from the
FERC Electric Tariff of the PJM Interconnection, LLC .....$ 101,196.71 per MW per year
PJM Reallocation..... $ 0.00 per MW per year
PJM Seams Elimination Cost Assignment Charges ..... $ 0.00 per MW per month
PJM Reliability Must Run Charge..... $ 2.82 per MW per month
PJM Transmission Enhancements
Trans-Allegheny Interstate Line Company ..... $102.26 per MW per month
Virginia Electric and Power Company ..... $ 88.04 per MW per month
Potomac-Appalachian Transmission Highline L.L.C. .....($10.28) per MW per month
PPL Electric Utilities Corporation..... $ 52.22 per MW per month
American Electric Power Service Corporation ..... $ 31.06 per MW per month
Atlantic City Electric Company. ..... $ 11.09 per MW per month
Delmarva Power and Light Company..... $ 0.33 per MW per month
Potomac Electric Power Company. ..... $ 3.24 per MW per month
Baltimore Gas and Electric Company……$ 6.91 per MW per month

Above rates converted to a charge per kW of Transmission
Obligation, applicable in all months ..... $ 8.7207
Charge including New Jersey Sales and Use Tax (SUT) ..... $ 9.2984

The above charges shall recover each customer's share of the overall summer peak transmission load assigned to the Public Service Transmission Zone by the PJM Interconnection, L.L.C. (PJM) as adjusted by PJM assigned transmission capacity related factors and shall be in accordance with Section 9.1, Measurement of Electric Service, of the Standard Terms and Conditions. These charges will be changed from time to time on the effective date of such change to the PJM rate for charges for Network Integration Transmission Service, including the PJM Seams Elimination Cost Assignment Charges, the PJM Reliability Must Run Charge and PJM Transmission Enhancement Charges as approved by Federal Energy Regulatory Commission (FERC).

BASIC GENERATION SERVICE – COMMERCIAL AND INDUSTRIAL ENERGY PRICING (CIEP)
ELECTRIC SUPPLY CHARGES
(Continued)

BGS TRANSMISSION CHARGES

Charges per kilowatt of Transmission Obligation:

Currently effective Annual Transmission Rate for
Network Integration Transmission Service for the
Public Service Transmission Zone as derived from the
FERC Electric Tariff of the PJM Interconnection, LLC ..... $ 101,196.71 per MW per year
PJM Reallocation ..... $ 0.00 per MW per year
PJM Seams Elimination Cost Assignment Charges ..... $ 0.00 per MW per month
PJM Reliability Must Run Charge ..... $ 2.82 per MW per month
PJM Transmission Enhancements
Trans-Allegheny Interstate Line Company ..... $102.26 per MW per month
Virginia Electric and Power Company ..... $ 88.04 per MW per month
Potomac-Appalachian Transmission Highline L.L.C. ..... ($10.28) per MW per month
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Potomac Electric Power Company. ..... $ 3.24 per MW per month
Baltimore Gas and Electric Company……$ 6.91 per MW per month

Above rates converted to a charge per kW of Transmission
Obligation, applicable in all months ..... $ 8.7207
Charge including New Jersey Sales and Use Tax (SUT) ..... $ 9.2984

The above charges shall recover each customer's share of the overall summer peak transmission load assigned to the Public Service Transmission Zone by the PJM Interconnection, L.L.C. (PJM) as adjusted by PJM assigned transmission capacity related factors and shall be in accordance with Section 9.1, Measurement of Electric Service, of the Standard Terms and Conditions. These charges will be changed from time to time on the effective date of such charge to the PJM rate for charges for Network Integration Transmission Service, including the PJM Seams Elimination Cost Assignment Charges, the PJM Reliability Must Run Charge and PJM Transmission Enhancement Charges as approved by Federal Energy Regulatory Commission (FERC).

Kilowatt threshold noted above is based upon the customer's Peak Load Share of the overall summer peak load assigned to Public Service by the Pennsylvania-New Jersey-Maryland Office of the Interconnection (PJM). See Section 9.1, Measurement of Electric Service, of the Standard Terms and Conditions of this Tariff.

Revised
Attachment 2b
PSE&G Translation of NITS Charge into
Customer Rates

Network Integration Service Calculation - BGS-RSCP
NITS Charges for January 2018 - December 2018

Effective 1/1/18 - 12/31/18

PSE&G Annual Transmission Service Revenue Requirement	$	1,248,819,352.00					
Total Schedule 12 TEC Included in above	$	(480,678,136.00)					
PSE&G Customer Share of Schedule 12 NITS	$	199,997,602.94					
NITS Charges for Jan 2018 - Dec 2018	$	968,138,818.94					
PSE&G Zonal Transmission Load for Effective Yr. (MW)		9,566.90					
Term (Months)		12					
OATT rate	$	8,433.06	/MW/month	all values show w/o NJ SUT			
converted to $/MW/yr =	$	101,196.71	/MW/yr	**Jan 18 - Dec 18 NITS Charge**			
	$	82,474.75	/MW/yr	**2015 - 2017 Weighted Average of:**	**$ 72,688.29**	**$ 82,516.44**	**$ 92,569.05**
	$	92,201.16	/MW/yr	**2016- 2018 Weighted Average of:**	**$ 82,516.44**	**$ 92,569.05**	**$ 101,196.71**
	$	88,148.49	/MW/yr	**Jan 18 - Dec 18 Weighted Average**			
Resulting Increase in Transmission Rate	$	13,048.22	/MW/yr				
Resulting Increase in Transmission Rate	$	1,087.35	/MW/month				

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Trans Obl - MW	3,892.6	25.5	73.1	0.0	0.0	2.8	0.0	0.0
Total Annual Energy - MWh	12,201,595.6	133,055.9	218,245.6	1,283.0	27.0	15,196.6	158,968.0	296,268.0
Change in energy charge								
in $/MWh	$ 4.1627	$ 2.5007	$ 4.3704	$ -	$ -	$ 2.4042	$ -	$ -
in $/kWh - rounded to 6 places	**$ 0.004163**	**$ 0.002501**	**$ 0.004370**	**$ -**	**$ -**	**$ 0.002404**	**$ -**	**$ -**

Line #						
1	Total BGS-RSCP Trans Obl		6,658.8	MW		= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2	Total BGS-RSCP energy @ cust		23,949,599	MWh		= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3	Total BGS-RSCP energy @ trans nodes		25,728,145	MWh	unrounded	= (2) * loss expansion factor to trans node
4	Change in OATT rate * total Trans Obl	$	86,885,503		unrounded	= Change in OATT rate * Total BGS-RSCP eligible Trans Obl adjusted for migration
5	Change in Average Supplier Payment Rate	$	3.3771	/MWh	unrounded	= (4) / (3)
6	Change in Average Supplier Payment Rate	$	3.38	/MWh	rounded to 2 decimal places	= (5) rounded to 2 decimal places
7	Proposed Total Supplier Payment	$	86,961,128		unrounded	= (6) * (3)
8	Difference due to rounding	$	75,626		unrounded	= (7) - (4)

Attachment 3 – JCP&L Tariffs and Rate Translation

Revised
Attachment 3a
Pro-forma JCP&L Tariff Sheets

Revised
Attachment 3b
JCP&L Translation of PSE&G Schedule 12 (Transmission Enhancement)
Charges into Customer Rates

Revised
Attachment 3a
Pro-forma JCP&L Tariff Sheets

JERSEY CENTRAL POWER & LIGHT COMPANY

BPU No. 12 ELECTRIC - PART III

XXth Rev. Sheet No. 36
Superseding XXth Rev. Sheet No. 36

Rider BGS-RSCP
Basic Generation Service – Residential Small Commercial Pricing
(Applicable to Service Classifications RS, RT, RGT, GS, GST, OL, SVL, MVL, ISL and LED)

2) BGS Transmission Charge per KWH: As provided in the respective tariff for Service Classifications RS, RT, RGT, GS, GST, OL, SVL, MVL, ISL and LED. Effective September 1, 2017, a RMR surcharge of **$0.000131** per KWH (includes Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage.

Effective September 1, 2017, the following TEC surcharges (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage, except lighting under Service Classifications OL, SVL, MVL, ISL and LED:

TRAILCO-TEC surcharge of **$0.000461** per KWH
PEPCO-TEC surcharge of **$0.000015** per KWH
ACE-TEC surcharge of **$0.000084** per KWH
Delmarva-TEC surcharge of **$0.000001** per KWH
PPL-TEC surcharge of **$0.000211** per KWH
BG&E-TEC surcharge of **$0.000031** per KWH

Effective January 1, 2018, the following TEC surcharges (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage, except lighting under Service Classifications OL, SVL, MVL, ISL and LED:

AEP-East-TEC surcharge of **$0.000115** per KWH
PATH-TEC surcharge of **($0.000039)** per KWH
VEPCO-TEC surcharge of **$0.000341** per KWH
PSEG-TEC surcharge of **$0.001513** per KWH

3) BGS Reconciliation Charge per KWH: ($0.000207) (includes Sales and Use Tax as provided in Rider SUT)

The above BGS Reconciliation Charge recovers the difference between the payments to BGS suppliers and the revenues from BGS customers for Basic Generation Service and is subject to quarterly true-up.

JERSEY CENTRAL POWER & LIGHT COMPANY

XX th Rev. Sheet No. 38
BPU No. 12 ELECTRIC - PART III **Superseding XX th Rev. Sheet No. 38**

Rider BGS-CIEP
Basic Generation Service – Commercial Industrial Energy Pricing
(Applicable to Service Classifications GP and GT and Certain Customers under Service Classifications GS and GST)

3) BGS Transmission Charge per KWH: (Continued)

Effective September 1, 2017, the following TEC surcharges (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage:

	TRAILCO-TEC	PEPCO-TEC	ACE-TEC
GS and GST	**$0.000461**	**$0.000015**	**$0.000084**
GP	**$0.000283**	**$0.000009**	**$0.000052**
GT	**$0.000251**	**$0.000007**	**$0.000046**
GT – High Tension Service	**$0.000059**	**$0.000002**	**$0.000011**

	Delmarva-TEC	PPL-TEC	BG&E-TEC
GS and GST	**$0.000001**	**$0.000211**	**$0.000031**
GP	**$0.000001**	**$0.000129**	**$0.000019**
GT	**$0.000001**	**$0.000114**	**$0.000017**
GT – High Tension Service	**$0.000000**	**$0.000027**	**$0.000004**

Effective January 1, 2018, the following TEC surcharges (include Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage:

	AEP-East-TEC	PATH-TEC	VEPCO-TEC	PSEG-TEC
GS and GST	**$0.000115**	**($0.000039)**	**$0.000341**	**$0.001513**
GP	**$0.000078**	**($0.000027)**	**$0.000231**	**$0.001024**
GT	**$0.000073**	**($0.000025)**	**$0.000213**	**$0.000944**
GT – High Tension Service	**$0.000018**	**($0.000006)**	**$0.000052**	**$0.000230**

4) BGS Reconciliation Charge per KWH: $0.002032 (includes Sales and Use Tax as provided in Rider SUT)

The above BGS Reconciliation Charge recovers the difference between the payments to BGS suppliers and the revenues from BGS customers for Basic Generation Service and is subject to quarterly true-up.

Revised
Attachment 3b
JCP&L Translation of PSE&G Schedule 12 (Transmission Enhancement)
Charges into Customer Rates

Revised Attachment 3b

Revised 1/9/2018

Jersey Central Power & Light Company
Proposed PSEG Project Transmission Enhancement Charge (PSEG-TEC Surcharge) effective January 1, 2018
To reflect FERC-approved PSEG Project Transmission Enhancement Charge (Schedule 12 PJM OATT) for January - December 2018

2018 Average Monthly PSEG-TEC Costs Allocated to JCP&L Zone	$	2,272,269.98	(1)
2018 JCP&L Zone Transmission Peak Load (MW)		5,721.0	
PSEG-Transmission Enhancement Rate ($/MW-month)	$	397.18	

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery ($) (2)	BGS Eligible Sales (kWh) (3)	**Effective January 1, 2018:** PSEG-TEC Surcharge ($/kWh)	PSEG-TEC Surcharge w/ SUT($/kWh)
Secondary (excluding lighting)	4934.8	23,520,079	16,572,627,418	$ 0.001419	$ 0.001513
Primary	348.5	1,661,009	1,730,276,418	$ 0.000960	$ 0.001024
Transmission @ 34.5 kV	293.5	1,398,870	1,581,370,077	$ 0.000885	$ 0.000944
Transmission @ 230 kV	15.5	73,876	341,655,635	$ 0.000216	$ 0.000230
Total	5592.3	26,653,834	20,225,929,548		

(1) Cost Allocation of PSEG Project Schedule 12 Charges to JCP&L Zone for 2018
(2) Based on 12 months PSEG Project costs from January through December 2018
(3) January 2018 through December 2018

BGS-RSCP Supplier Payment Adjustment

Line No.				
1	BGS-RSCP Eligible Sales January through December @ Customer		15,159,224	MWH
2	BGS-RSCP Eligible Sales January through December @ Transmission Node		16,830,967	MWH
3	BGS-RSCP Eligible Transmission Obligation		4,688	MW
4	PSEG-Transmission Enhancement Costs to RSCP Suppliers	$	22,345,219	= Line 3 x $397.18 x 12
5	Change to Supplier Payment Rates $/MWH (rounded to 2 decimals)	$	1.33	= Line 4 / Line 2

Attachment 4 – ACE Tariffs and Rate Translation

Revised
Attachment 4a
Pro-forma ACE Tariff Sheets

Revised
Attachment 4b
ACE Translation of PSE&G Schedule 12 (Transmission Enhancement)
Charges into Customer Rates

Revised
Attachment 4a
Pro-forma ACE Tariff Sheets

ATLANTIC CITY ELECTRIC COMPANY
BPU NJ No. 11 Electric Service - Section IV Revised Sheet Replaces Revised Sheet No. 60b

RIDER (BGS) continued
Basic Generation Service (BGS)

CIEP Standby Fee $0.000160 per kWh

This charge recovers the costs associated with the winning BGS-CIEP bidders maintaining the availability of the hourly priced default electric supply service plus administrative charges pursuant to N.J.S.A. 48:2-60 and New Jersey Sales and Use Tax as set forth in Rider SUT. This charge is assessed on all kWhs delivered to all CIEP- eligible customers on Rate Schedules MGS Secondary, MGS Primary, AGS Secondary, AGS Primary or TGS.

Transmission Enhancement Charge

This charge reflects Transmission Enhancement Charges ("TECs"), implemented to compensate transmission owners for the annual transmission revenue requirements for "Required Transmission Enhancements" (as defined in Schedule 12 of the PJM OATT) that are requested by PJM for reliability or economic purposes and approved by the Federal Energy Regulatory Commission (FERC). The TEC charge (in $ per kWh by Rate Schedule), including administrative charges pursuant to N.J.S.A. 48:2-60 and New Jersey Sales and Use Tax as set forth in Rider SUT, is delineated in the following table.

	Rate Class							
	RS	MGS Secondary	MGS Primary	AGS Secondary	AGS Primary	TGS	SPL/ CSL	DDC
VEPCo	0.000437	0.000361	0.000293	0.000242	0.000194	0.000187	-	0.000147
TrAILCo	0.000587	0.000491	0.000530	0.000324	0.000260	0.000249	-	0.000206
PSE&G	0.000582	0.000482	0.000391	0.000323	0.000259	0.000251	-	0.000197
PATH	(0.000050)	(0.000042)	(0.000034)	(0.000028)	(0.000022)	(0.000021)	-	(0.000017)
PPL	0.000237	0.000199	0.000214	0.000131	0.000105	0.000102	-	0.000083
Pepco	0.000021	0.000018	0.000019	0.000012	0.000010	0.000010	-	0.000007
JCP&L	0.000003	0.000003	0.000003	0.000002	0.000002	0.000001	-	0.000001
Delmarva	0.000001	0.000001	0.000001	0.000001	0.000001	0.000001	-	0.000001
BG&E	0.000073	0.000061	0.000066	0.000041	0.000032	0.000031	-	0.000026
AEP - East	0.000131	0.000108	0.000087	0.000073	0.000058	0.000055	-	0.000044
Total	0.002022	0.001681	0.001570	0.001121	0.000899	0.000866		0.000695

Date of Issue: **Effective Date:**
Issued by:

Revised
Attachment 4b
ACE Translation of PSE&G Schedule 12 (Transmission Enhancement)
Charges into Customer Rates

Atlantic City Electric Company
Proposed PSE&G Projects Transmission Enhancement Charge (PSE&G-TEC Surcharge) effective Jan 1, 2018
To reflect FERC-approved ACE Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective Jan 1, 2018

Transmission Enhancement Costs Allocated to ACE Zone (2018)	$	311,744
	$	311,744
2018 ACE Zone Transmission Peak Load (MW)		2,541
Transmission Enhancement Rate ($/MW)	$	122.70

Rate Class	Col. 1 Transmission Obligation (MW)	Col. 2 Allocated Cost Recovery	Col. 3 BGS Eligible Sales Jun 2017 - May 2018 (kWh)	Col. 4 = Col. 2/Col. 3 Transmission Enhancement Charge ($/kWh)	Col. 5 = Col. 4 x 1/(1-.005) Transmission Enhancement Charge w/ BPU Assessment ($/kWh)	Col. 6 = Col. 5 x 1.06625 Transmission Enhancement Charge w/ SUT ($/kWh)
RS	1,545	$ 2,275,400	4,171,964,933	$ 0.000545	$ 0.000546	$ 0.000582
MGS Secondary	353	$ 519,884	1,152,950,462	$ 0.000451	$ 0.000452	$ 0.000482
MGS Primary	6	$ 8,952	24,456,016	$ 0.000366	$ 0.000367	$ 0.000391
AGS Secondary	394	$ 579,373	1,917,585,029	$ 0.000302	$ 0.000303	$ 0.000323
AGS Primary	94	$ 138,649	571,955,641	$ 0.000242	$ 0.000243	$ 0.000259
TGS	146	$ 215,084	920,786,585	$ 0.000234	$ 0.000235	$ 0.000251
SPL/CSL	0	$ -	73,240,385	$ -	$ -	$ -
DDC	2	$ 2,329	12,621,752	$ 0.000185	$ 0.000185	$ 0.000197
	2,540	$ 3,739,671	8,845,560,805			

Attachment 5 – RECO Tariffs and Rate Translation

Revised
Attachment 5a
Pro-forma RECO Tariff Sheets

Revised
Attachment 5b
RECO Translation of PSE&G Schedule 12 (Transmission Enhancement)
Charges into Customer Rates

Revised
Attachment 5a
Pro-forma RECO Tariff Sheets

SERVICE CLASSIFICATION NO. 1
RESIDENTIAL SERVICE (Continued)

RATE – MONTHLY (Continued)

(3) Transmission Charges

(a) These charges apply to all customers taking Basic Generation Service from the Company. These charges are also applicable to customers located in the Company's Central and Western Divisions and obtaining Competitive Energy Supply. These charges are not applicable to customers located in the Company's Eastern Division and obtaining Competitive Energy Supply. The Company's Eastern, Central and Western Divisions are defined in General Information Section No. 1.

	Summer Months*	Other Months
All kWh ..... @	1.583 ¢ per kWh	1.583 ¢ per kWh

(b) Transmission Surcharge – This charge is applicable to all customers taking Basic Generation Service from the Company and includes surcharges related to Reliability Must Run and Transmission Enhancement Charges.

All kWh ..... @	0.853 ¢ per kWh	0.853 ¢ per kWh

(4) Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, and Securitization Charges

The provisions of the Company's Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, and Securitization Charges as described in General Information Section Nos. 33, 34, and 35, respectively, shall be assessed on all kWh delivered hereunder.

* Definition of Summer Billing Months - June through September

(Continued)

SERVICE CLASSIFICATION NO. 2
GENERAL SERVICE (Continued)

RATE – MONTHLY (Continued)

(3) Transmission Charges (Continued)

(b) Transmission Surcharge – This charge is applicable to all customers taking Basic Generation Service from the Company and includes surcharges related to Reliability Must Run and Transmission Enhancement Charges.

	Summer Months*	Other Months
Secondary Voltage Service Only		
All kWh .....@	0.531 ¢ per kWh	0.531 ¢ per kWh
Primary Voltage Service Only		
All kWh .....@	0.474 ¢ per kWh	0.474 ¢ per kWh

(4) Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, and Securitization Surcharges

The provisions of the Company's Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, and Securitization Charges as described in General Information Section Nos. 33, 34, and 35, respectively, shall be assessed on all kWh delivered hereunder.

* Definition of Summer Billing Months - June through September

(Continued)

SERVICE CLASSIFICATION NO. 3
RESIDENTIAL TIME-OF-DAY HEATING SERVICE (Continued)

RATE – MONTHLY (Continued)

(3) Transmission Charge

(a) These charges apply to all customers taking Basic Generation Service from the Company. These charges are also applicable to customers located in the Company's Central and Western Divisions and obtaining Competitive Energy Supply. These charges are not applicable to customers located in the Company's Eastern Division and obtaining Competitive Energy Supply. The Company's Eastern, Central and Western Divisions are defined in General Information Section No. 1.

	Summer Months*	Other Months
Peak All kWh measured between 10:00 a.m. and 10:00 p.m., Monday through Friday .....@	1.583 ¢ per kWh	1.583 ¢ per kWh
Off-Peak All other kWh .....@	1.583 ¢ per kWh	1.583 ¢ per kWh

(b) Transmission Surcharge – This charge is applicable to all customers taking Basic Generation Service from the Company and includes surcharges related to Reliability Must Run and Transmission Enhancement Charges.

All kWh .....@	0.519 ¢ per kWh	0.519 ¢ per kWh

(4) Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, and Securitization Charges

The provisions of the Company's Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, and Securitization Charges, as described in General Information Section Nos. 33, 34, and 35, respectively, shall be assessed on all kWh delivered hereunder.

* Definition of Summer Billing Months - June through September

(Continued)

SERVICE CLASSIFICATION NO. 5
RESIDENTIAL SPACE HEATING SERVICE (Continued)

RATE - MONTHLY (Continued)

(3) Transmission Charge

(a) These charges apply to all customers taking Basic Generation Service from the Company. These charges are also applicable to customers located in the Company's Central and Western Divisions and obtaining Competitive Energy Supply. These charges are not applicable to customers located in the Company's Eastern Division and obtaining Competitive Energy Supply. The Company's Eastern, Central and Western Divisions are defined in General Information Section No. 1.

	Summer Months*	Other Months
All kWh …….. @	1.583 ¢ per kWh	1.583 ¢ per kWh

(b) Transmission Surcharge – This charge is applicable to all customers taking Basic Generation Service from the Company and includes surcharges related to Reliability Must Run and Transmission Enhancement Charges.

All kWh …….. @	0.569 ¢ per kWh	0.569 ¢ per kWh

(4) Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, and Securitization Charges

The provisions of the Company's Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, and Securitization Charges as described in General Information Section Nos. 33, 34, and 35, respectively, shall be assessed on all kWh delivered hereunder.

* Definition of Summer Billing Months - June through September

(Continued)

SERVICE CLASSIFICATION NO. 7
LARGE GENERAL TIME-OF-DAY SERVICE (Continued)

RATE– MONTHLY (Continued)

(3) Transmission Charges (Continued)

(a) (Continued)

		Primary	High Voltage Distribution
Demand Charge			
Period I	All kW @	$2.55 per kW	$2.55 per kW
Period II	All kW @	0.67 per kW	0.67 per kW
Period III	All kW @	2.55 per kW	2.55 per kW
Period IV	All kW @	0.67 per kW	0.67 per kW
Usage Charge			
Period I	All kWh @	0.421 ¢ per kWh	0.421 ¢ per kWh
Period II	All kWh @	0.421 ¢ per kWh	0.421 ¢ per kWh
Period III	All kWh @	0.421 ¢ per kWh	0.421 ¢ per kWh
Period IV	All kWh @	0.421 ¢ per kWh	0.421 ¢ per kWh

(b) Transmission Surcharge – This charge is applicable to all customers taking Basic Generation Service from the Company and includes surcharges related to Reliability Must Run and Transmission Enhancement Charges.

		Primary	High Voltage Distribution
All Periods	All kWh @	0.344 ¢ per kWh	0.344 ¢ per kWh

(4) Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, and Securitization Charges

The provisions of the Company's Societal Benefits Charge, Regional Greenhouse Gas Initiative Surcharge, and Securitization Charges as described in General Information Section Nos. 33, 34, and 35 respectively, shall be assessed on all kWh delivered hereunder.

(Continued)

SERVICE CLASSIFICATION NO. 7
LARGE GENERAL TIME-OF-DAY SERVICE (Continued)

SPECIAL PROVISIONS

(A) Space Heating

Customers who take service under this classification for 10 kW or more of permanently installed space heating equipment may elect to have the electricity for this service billed separately. All monthly use shall be billed at a Distribution Charge of 3.281 ¢ per kWh during the billing months of October through May and 5.304 ¢ per kWh during the summer billing months, a Transmission Charge of 0.421 ¢ per kWh and a Transmission Surcharge of 0.344 ¢ per kWh during all billing months. The applicability of Transmission Charges and the Transmission Surcharge is described in Part (3) of RATE – MONTHLY.

When this option is requested it shall apply for at least 12 months and shall be subject to a minimum charge of $26.87 per year per kW of space heating capacity. This provision applies for both heating and cooling where the two services are combined by the manufacturer in a single self-contained unit.

All usage under this Special Provision shall also be subject to Parts (4), (5), and (6) of RATE – MONTHLY. This Special Provision is not available to those customers taking high voltage distribution service.

This special provision is closed to new customers effective August 1, 2014.

(B) Budget Billing Plan

Any condominium association or cooperative housing corporation who takes service hereunder and any other customer taking service under Special Provision B of this Service Classification may, upon request, be billed monthly in accordance with the budget billing plan provided for in General Information Section 8 of this tariff.

(Continued)

Revised
Attachment 5b
RECO Translation of PSE&G Schedule 12 (Transmission Enhancement)
Charges into Customer Rates

Rockland Electric Company
Calculation of Transmission Surcharges reflecting proposed changes effective January 1, 2018
To reflect: RMR Costs
FERC-approved ACE Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates
FERC-approved AEP-East Project Schedule 12 Charges (Schedule 12 PJM OATT)
FERC-approved BG&E Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates
FERC-approved Delmarva Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates
FERC-approved PATH Project Schedule 12 Charges (Schedule 12 PJM OATT
FERC-approved PEPCO Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates
FERC-approved PPL Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates
FERC-approved PSE&G Project Schedule 12 Charges (Schedule 12 PJM OATT)
FERC-approved TrailCo Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates
FERC-approved VEPCo Project Schedule 12 Charges (Schedule 12 PJM OATT)
FERC-approved MAIT Project Schedule 12 Charges (Schedule 12 PJM OATT) filed on October 24, 2017

(A) Transmission Surcharge rates by Transmission Project and Service Class (excluding SUT)

Transmission Project	Note	SC1	SC2 Sec	SC2 Pri	SC3	SC4	SC5	SC6	SC7
Reliability Must Run	(1)	$0.00001	$0.00001	$0.00001	$0.00001	$0.00001	$0.00001	$0.00001	$0.00001
ACE - TEC	(2)	0.00004	0.00002	0.00002	0.00002	0.00000	0.00002	0.00000	0.00001
AEP-East - TEC	(3)	0.00012	0.00008	0.00007	0.00008	0.00000	0.00008	0.00000	0.00005
BG&E- TEC	(4)	0.00003	0.00002	0.00001	0.00002	0.00000	0.00002	0.00000	0.00001
Delmarva - TEC	(5)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PATH - TEC	(6)	(0.00004)	(0.00003)	(0.00002)	(0.00003)	0.00000	(0.00003)	0.00000	(0.00002)
PEPCO - TEC	(7)	0.00001	0.00001	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000
PPL - TEC	(8)	0.00021	0.00013	0.00010	0.00013	0.00000	0.00014	0.00000	0.00008
PSE&G - TEC	(9)	0.00685	0.00426	0.00385	0.00415	0.00000	0.00457	0.00000	0.00278
TrAILCo - TEC	(10)	0.00041	0.00025	0.00020	0.00026	0.00000	0.00027	0.00000	0.00016
VEPCo - TEC	(11)	0.00035	0.00022	0.00020	0.00021	0.00000	0.00023	0.00000	0.00014
MAIT -TEC	(12)	0.00002	0.00001	0.00001	0.00002	0.00000	0.00001	0.00000	0.00001
Total ($/kWh and excl SUT)		$0.00801	$0.00498	$0.00445	$0.00487	$0.00001	$0.00533	$0.00001	$0.00323
Total (¢/kWh and excl SUT)		0.801 ¢	0.498 ¢	0.445 ¢	0.487 ¢	0.001 ¢	0.533 ¢	0.001 ¢	0.323 ¢

(B) Transmission Surcharge rates by Transmission Project and Service Class (including SUT) **6.625%**

Transmission Project	Note	SC1	SC2 Sec	SC2 Pri	SC3	SC4	SC5	SC6	SC7
Reliability Must Run	(1)	$0.00001	$0.00001	$0.00001	$0.00001	$0.00001	$0.00001	$0.00001	$0.00001
ACE - TEC	(2)	0.00004	0.00002	0.00002	0.00002	0.00000	0.00002	0.00000	0.00001
AEP-East - TEC	(3)	0.00013	0.00009	0.00007	0.00009	0.00000	0.00009	0.00000	0.00005
BG&E- TEC	(4)	0.00003	0.00002	0.00001	0.00002	0.00000	0.00002	0.00000	0.00001
Delmarva - TEC	(5)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PATH - TEC	(6)	(0.00004)	(0.00003)	(0.00002)	(0.00003)	0.00000	(0.00003)	0.00000	(0.00002)
PEPCO - TEC	(7)	0.00001	0.00001	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000
PPL - TEC	(8)	0.00022	0.00014	0.00011	0.00014	0.00000	0.00015	0.00000	0.00009
PSE&G - TEC	(9)	0.00730	0.00454	0.00411	0.00442	0.00000	0.00487	0.00000	0.00296
TrAILCo - TEC	(10)	0.00044	0.00027	0.00021	0.00028	0.00000	0.00029	0.00000	0.00017
VEPCo - TEC	(11)	0.00037	0.00023	0.00021	0.00022	0.00000	0.00025	0.00000	0.00015
MAIT -TEC	(12)	0.00002	0.00001	0.00001	0.00002	0.00000	0.00001	0.00000	0.00001
Total ($/kWh and incl SUT)		$0.00853	$0.00531	$0.00474	$0.00519	$0.00001	$0.00569	$0.00001	$0.00344
Total (¢/kWh and incl SUT)		0.853 ¢	0.531 ¢	0.474 ¢	0.519 ¢	0.001 ¢	0.569 ¢	0.001 ¢	0.344 ¢

Notes:

(1) RMR rates based on allocations by transmission zone.
(2) ACE-TEC rates pursuant to the Board's Order dated August 23, 2017 in Docket No. ER17060671.
(3) AEP-East-TEC rates calculated in Attachment 5 of the joint filing.
(4) BG&E-TEC rates pursuant to the Board's Order dated August 23, 2017 in Docket No. ER17060671.
(5) Delmarva-TEC rates pursuant to the Board's Order dated August 23, 2017 in Docket No. ER17060671.
(6) PATH-TEC rates calculated in Attachment 5 of the joint filing.
(7) PEPCO-TEC rates pursuant to the Board's Order dated August 23, 2017 in Docket No. ER17060671.
(8) PPL-TEC rates pursuant to the Board's Order dated August 23, 2017 in Docket No. ER17060671.
(9) PSE&G-TEC rates calculated in Attachment 5 of the joint filing.
(10) TrAILCo-TEC rates pursuant to the Board's Order dated August 23, 2017 in Docket No. ER17060671.
(11) VEPCo-TEC rates calculated in Attachment 5 of the joint filing.
(12) MAIT-TEC rates calculated in Attachment 5 of the joint filing made on October 24, 2017.

Rockland Electric Company
Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (PSE&G Project) effective January 1, 2018
To reflect FERC-approved PSE&G Project Schedule 12 Charges (Schedule 12 PJM OATT) for the period January 2018 to December 2018

2018 Average Monthly PSE&G-TEC Costs Allocated to RECO	$	662,620	(1)
2018 RECO Zone Transmission Peak Load (MW)		439.8	(2)
Transmission Enhancement Rate ($/MW-month)	$	1,506.60	
SUT		6.625%	

	Col. 1	Col. 2	Col.3=Col.2 x $662,620 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07
Rate Class	BGS-Eligible Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	BGS Eligible Sales January 2018 - December 2018 (kWh)	Transmission Enhancement Charge ($/kWh)	Transmission Enhancement Charge w/ SUT ($/kWh)
SC1	262.5	59.69%	$ 4,746,197	692,439,000	$ 0.00685	$ 0.00730
SC2 Secondary	124.6	28.32%	$ 2,251,950	528,990,000	$ 0.00426	$ 0.00454
SC2 Primary	13.9	3.15%	$ 250,835	65,159,000	$ 0.00385	$ 0.00411
SC3	0.1	0.01%	$ 1,141	275,000	$ 0.00415	$ 0.00442
SC4	0.0	0.00%	$ -	6,441,000	$ -	$ -
SC5	3.7	0.85%	$ 67,463	14,763,000	$ 0.00457	$ 0.00487
SC6	0.0	0.00%	$ -	5,550,000	$ -	$ -
SC7	35.1	7.97%	$ 633,854	227,701,000	$ 0.00278	$ 0.00296
Total	439.8 (2)	100.00%	$ 7,951,440	1,541,318,000		

(1) Attachment 4 - Cost Allocation of PSE&G Project Schedule 12 Charges to RECO Zone for January 2018 through December 2018
(2) Includes RECO's Central and Western Divisions

BGS-FP Supplier Payment Adjustment

Line No.				
1	BGS-RSCP Eligible Sales Jan - Dec @ cust (RECO Eastern Division)		1,263,798	MWH
2	BGS-RSCP Eligible Sales Jan - Dec @ trans node (RECO Eastern Division)		1,176,362	MWH
3	BGS-RSCP Eligible Transmission Obligation		405	MW
4	Transmission Enhancement Costs to RSCP Suppliers	$	7,317,576.09	= Line 3 x $1506.6 * 12
5	Change in Supplier Payment Rate $/MWH (rounded to 2 decimals)	$	6.22	= Line 4/Line 2

Attachment 6 – PJM Schedule 12 (Transmission Enhancement) Charges

Revised
Attachment 6a
PSE&G Project Charges

Revised Attachment 6a -PJM Schedule 12 - Transmission Enhancement Charges for January 2018 - December 2018
Calculation of costs and monthly PJM charges for PSE&G Projects

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
			Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
Required Transmission Enhancement *per PJM website*	**PJM Upgrade ID** *per PJM spreadsheet*	**Jan - Dec 2018 Annual Revenue Requirement** *per PJM website*	**ACE Zone Share**	**JCP&L Zone Share**	**PSE&G Zone Share1,2**	**RE Zone Share**	**ACE Zone Charges**	**JCP&L Zone Charges**	**PSE&G Zone Charges**	**RE Zone Charges**	**Total NJ Zones Charges**
			per PJM Open Access Transmission Tariff								
Replace all derated Branchburg 500/230 kava transformers	b0130	$ 1,877,462.00	1.36%	47.76%	50.88%	0.00%	$25,533	$896,676	$955,253	$0	$1,877,462
Reconductor Kittatinny - Newtown 230 kV with 1590 ACSS	b0134	$ 763,586.00	0.00%	51.11%	45.96%	2.93%	$0	$390,269	$350,944	$22,373	$763,586
Build new Essex - Aldene 230 kV cable connected through phase angle regulator at Essex	b0145	$ 8,165,842.00	0.00%	73.45%	21.78%	4.77%	$0	$5,997,811	$1,778,520	$389,511	$8,165,842
Install 230-138kV transformer at Metuchen substation	b0161	$ 2,535,989.00	0.00%	0.00%	99.80%	0.20%	$0	$0	$2,530,917	$5,072	$2,535,989
Build a new 230 kV section from Branchburg - Flagtown and move the Flagtown - Somerville 230 kV circuit to the new section	b0169	$ 1,551,830.00	1.72%	25.94%	59.59%	0.00%	$26,691	$402,545	$924,735	$0	$1,353,972
Reconductor the Flagtown-Somerville-Bridgewater 230 kV circuit with 1590 ACSS	b0170	$ 678,523.00	0.00%	42.95%	38.36%	0.79%	$0	$291,426	$260,281	$5,360	$557,067
Replace wave trap at Branchburg 500kV substation	b0172.2	$ 2,664.00	1.70%	3.78%	6.22%	0.25%	$45	$101	$166	$7	$318
Replace both 230/138 kV transformers at Roseland	b0274	$ 2,067,525.00	0.00%	0.00%	96.77%	0.00%	$0	$0	$2,000,744	$0	$2,000,744
Branchburg 400 MVAR Capacitor	b0290	$ 7,661,319.00	1.70%	3.78%	6.22%	0.25%	$130,242	$289,598	$476,534	$19,153	$915,528
Inst Conemaugh 250 MVAR Cap	b0376	$ 294,411.00	1.70%	3.78%	6.22%	0.25%	$5,005	$11,129	$18,312	$736	$35,182
Install 4th 500/230 kV transformer at New Freedom	b0411	$ 2,074,869.00	47.01%	7.04%	22.31%	0.00%	$975,396	$146,071	$462,903	$0	$1,584,370
Saddle Brook - Athenia Upgrade Cable	b0472	$ 1,518,454.00	0.00%	0.00%	94.41%	3.53%	$0	$0	$1,433,572	$53,601	$1,487,174
Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project)	b0489	$ 83,726,646.00	1.70%	3.78%	6.22%	0.25%	$1,423,353	$3,164,867	$5,207,797	$209,317	$10,005,334
Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (Below 500 kV elements of the project) (In Service)	b0489.4	$ 4,655,898.00	5.09%	32.73%	40.71%	1.52%	$236,985	$1,523,875	$1,895,416	$70,770	$3,727,046
Susquehanna Roseland Breakers (In-Service)	b0489.5-.15	$ 635,009.00	1.70%	3.78%	6.22%	0.25%	$10,795	$24,003	$39,498	$1,588	$75,884
Loop the 5021 circuit into New Freedom 500 kV substation	b0498	$ 2,633,067.00	1.70%	3.78%	6.22%	0.25%	$44,762	$99,530	$163,777	$6,583	$314,652
Branchburg-Somerville-Flagtown Reconductor	b0664-b0665	$ 1,963,330.00	0.00%	36.35%	43.24%	1.61%	$0	$713,670	$848,944	$31,610	$1,594,224
Somerville -Bridgewater Reconductor	b0668	$ 676,946.00	0.00%	39.41%	38.76%	1.45%	$0	$266,784	$262,384	$9,816	$538,984
Reconductor Hudson - South Waterfront 230kV circuit	b0813	$ 935,200.00	0.00%	9.92%	83.73%	3.12%	$0	$92,772	$783,043	$29,178	$904,993
New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie	b0814	$ 4,903,080.00	0.00%	23.49%	67.03%	2.50%	$0	$1,151,733	$3,286,535	$122,577	$4,560,845
Reconductor South Mahwah 345 kV J-3410 Circuit	b1017	$ 2,128,153.00	0.00%	29.01%	64.85%	2.53%	$0	$617,377	$1,380,107	$53,842	$2,051,327

Revised Attachment 6a -PJM Schedule 12 - Transmission Enhancement Charges for January 2018 - December 2018
Calculation of costs and monthly PJM charges for PSE&G Projects

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
			Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
Required Transmission Enhancement *per PJM website*	PJM Upgrade ID *per PJM spreadsheet*	Jan - Dec 2018 Annual Revenue Requirement *per PJM website*	ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share1,2	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
			per PJM Open Access Transmission Tariff								
Reconductor South Mahwah 345 kV K-3411 Circuit	b1018	$ 2,209,709.00	0.00%	29.18%	64.68%	2.53%	$0	$644,793	$1,429,240	$55,906	$2,129,939
West Orange Conversion (North Central Reliability)	b1154	$ 40,101,459.00	0.00%	0.00%	96.18%	3.82%	$0	$0	$38,569,583	$1,531,876	$40,101,459
Branchburg-Middlesex Sw Rack	b1155	$ 6,761,094.00	0.00%	4.61%	91.75%	3.64%	$0	$311,686	$6,203,304	$246,104	$6,761,094
Conversion	b1156	$ 38,998,661.00	0.00%	0.00%	96.18%	3.82%	$0	$0	$37,508,912	$1,489,749	$38,998,661
Reconf Kearny Loop in P2216	b1589	$ 1,639,441.00	0.00%	0.00%	61.59%	2.46%	$0	$0	$1,009,732	$40,330	$1,050,062
230kV Lawrence Switching Station Upgrade	b1228	$ 2,299,055.00	0.00%	0.00%	95.83%	3.81%	$0	$0	$2,203,184	$87,594	$2,290,778
Ridge Rd 69kV Breaker Station	b1255	$ 1,698,080.00	0.00%	0.00%	96.18%	3.82%	$0	$0	$1,633,213	$64,867	$1,698,080
Northeast Grid Reliability Project	b1304.1-b1304.4	$ 43,961,786.00	0.23%	1.17%	70.16%	2.78%	$101,112	$514,353	$30,843,589	$1,222,138	$32,681,192
Mickleton-Gloucester-Camden	b1398-b1398.7	$ 51,110,727.00	0.00%	12.82%	31.46%	1.25%	$0	$6,552,395	$16,079,435	$638,884	$23,270,714
Aldene-Springfield Rd. Conv	b1399	$ 8,012,066.00	0.00%	0.00%	96.18%	3.82%	$0	$0	$7,706,005	$306,061	$8,012,066
Replace Salem 500 kV breakers	b1410-b1415	$ 1,643,978.00	1.70%	3.78%	6.22%	0.25%	$27,948	$62,142	$102,255	$4,110	$196,455
Uprate Eagle Point-Gloucester 230 kV Circuit	b1588	$ 1,360,297.00	0.00%	10.31%	54.17%	2.16%	$0	$140,247	$736,873	$29,382	$906,502
Upgrade Camden Richmon 230kV	b1590	$ 1,274,565.00	0.00%	0.00%	0.00%	0.00%	$0	$0	$0	$0	$0
New Cox's Corner-Lumberton 230kV Circuit	b1787	$ 4,013,704.00	4.96%	44.20%	48.08%	1.92%	$199,080	$1,774,057	$1,929,789	$77,063	$3,979,989
Build Mickleton-Gloucester Corridor Ultimate Design	b2139	$ 2,314,572.00	0.00%	0.00%	61.11%	2.44%	$0	$0	$1,414,435	$56,476	$1,470,911
Reconfigure Brunswick New 69kV	b2146	$ 10,815,286.00	0.00%	0.00%	96.16%	3.84%	$0	$0	$10,399,979	$415,307	$10,815,286
Convert Bergen Marion 138 kV to double circuit 345kV and Sub	b2436.10	$ 22,235,210.00	0.85%	1.89%	6.94%	0.28%	$188,999	$420,245	$1,543,124	$62,259	$2,214,627
Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.21	$ 7,446,697.00	0.85%	1.89%	3.11%	0.13%	$63,297	$140,743	$231,592	$9,681	$445,312
Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.22	$ 5,638,544.00	0.85%	1.89%	3.11%	0.13%	$47,928	$106,568	$175,359	$7,330	$337,185
Construct New Bayway-Bayonne 345kV Circuit	b2436.33	$ 19,138,377.00	0.00%	0.00%	0.00%	0.00%	$0	$0	$0	$0	$0
Construct New North Ave-Bayonne 345kV Circuit	b2436.34	$ 13,179,230.00	0.00%	0.00%	0.00%	0.00%	$0	$0	$0	$0	$0
Construct North Ave-Airport 345kV Circuit and Substation Upgrades	b2436.50	$ 6,293,352.00	0.00%	0.00%	0.00%	0.00%	$0	$0	$0	$0	$0
Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (CWIP)	b2436.60	$ 5,234,688.00	0.00%	0.00%	0.00%	0.00%	$0	$0	$0	$0	$0
Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (CWIP)	b2436.70	$ 10,406,460.00	0.00%	0.00%	0.00%	0.00%	$0	$0	$0	$0	$0
Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation	b2436.81	$ 5,539,839.00	0.85%	1.89%	47.56%	1.88%	$47,089	$104,703	$2,634,747	$104,149	$2,890,688
Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.83	$ 5,539,530.00	0.85%	1.89%	47.56%	1.88%	$47,086	$104,697	$2,634,600	$104,143	$2,890,527

Revised Attachment 6a -PJM Schedule 12 - Transmission Enhancement Charges for January 2018 - December 2018
Calculation of costs and monthly PJM charges for PSE&G Projects

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
			Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
Required Transmission Enhancement *per PJM website*	**PJM Upgrade ID** *per PJM spreadsheet*	**Jan - Dec 2018 Annual Revenue Requirement** *per PJM website*	**ACE Zone Share**	**JCP&L Zone Share**	**PSE&G Zone Share1,2**	**RE Zone Share**	**ACE Zone Charges**	**JCP&L Zone Charges**	**PSE&G Zone Charges**	**RE Zone Charges**	**Total NJ Zones Charges**
			per PJM Open Access Transmission Tariff								
Convert Bayway-Linden "W" to 138kV circuit to 345kV	b2436.84	$ 5,488,331.00	0.85%	1.89%	3.11%	0.13%	$46,651	$103,729	$170,687	$7,135	$328,202
Convert Bayway-Linden "M" to 138kV circuit to 345kV	b2436.85	$ 5,488,331.00	0.85%	1.89%	3.11%	0.13%	$46,651	$103,729	$170,687	$7,135	$328,202
Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades	b2436.90	$ 4,076,416.00	0.85%	1.89%	48.41%	1.91%	$34,650	$77,044	$1,973,393	$77,860	$2,162,946
New Bergen 345/230 kV transformer and any associated substation upgrades	b2437.10	$ 3,191,830.00	0.00%	0.00%	5.38%	0.22%	$0	$0	$171,720	$7,022	$178,742
New Bergen 345/138 kV transformer #1 and any associated substation upgrades	b2437.11	$ 3,201,998.00	0.00%	0.00%	0.00%	0.00%	$0	$0	$0	$0	$0
New Bayway 345/138 kV transformer #1 and any associated substation upgrades	b2437.20	$ 1,818,772.00	0.00%	0.00%	92.71%	3.66%	$0	$0	$1,686,184	$66,567	$1,752,751
New Bayway 345/138 kV transformer #2 and any associated substation upgrades	b2437.21	$ 1,820,116.00	0.00%	0.00%	93.23%	3.68%	$0	$0	$1,696,894	$66,980	$1,763,874
New Linden 345/230 kV transformer and any associated substation upgrades	b2437.30	$ 3,907,406.00	0.00%	0.00%	85.78%	3.39%	$0	$0	$3,351,773	$132,461	$3,484,234
Install two 175 MVAR Re at Hptcg	b2702	$ 1,368,726.00	0.85%	1.89%	53.11%	0.13%	$11,634	$25,869	$726,930	$1,779	$766,213
Totals		**$ 480,678,136.00**					**$3,740,932**	**$27,267,240**	**$199,997,603**	**$7,951,439**	**$238,957,214**

Notes on calculations >>> = (a) * (b) = (a) * (c) = (a) * (d) = (a) * (e) = (f) + (g) +

	(k)	(l)	(m)	(n)
Zonal Cost Allocation for New Jersey Zones	**Average Monthly Impact on Zone Customers in 2018**	**2018 Trans. Peak Load [2]**	**Rate in $/MW-mo. [1]**	**2018 Impact (12 months)**
PSE&G	$ 16,666,466.91	9,566.9	$ 1,742.10	$ 199,997,603
JCP&L	$ 2,272,269.98	5,721.0	$ 397.18	$ 27,267,240
ACE	$ 311,744.36	2,540.8	$ 122.70	$ 3,740,932
RE	$ 662,619.91	401.7	$ 1,649.54	$ 7,951,439
Total Impact on NJ Zones	**$ 19,913,101.16**	**18,230.4**		**$ 238,957,214**

Notes on calculations >>> = (k) / (l) = (k) *12

Notes:

1) Uncompressed rate - assumes implementation on January 1, 2018

2) Data on PJM website

Attachment 11
Updated PSE&G Formula Rate for January 1, 2018 to December 31, 2018

Hesser G. McBride, Jr.
Associate General Regulatory Counsel

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PSEG
Services Corporation

January 9, 2018

VIA EFILING

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

Re: Public Service Electric and Gas Company
Docket No. ER09-1257-000
Informational Filing of 2018 Formula Rate Annual Update (Revision)

Dear Secretary Bose:

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

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

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

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

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

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

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

Respectfully submitted,

Hesser G. McBride, Jr.

Hesser G. McBride, Jr.

Attachments

Public Service Electric and Gas Company

ATTACHMENT H-10A

	Formula Rate -- Appendix A	Notes	FERC Form 1 Page # or Instruction	12 Months Ended 12/31/2018
	Shaded cells are input cells			
	Allocators			
	Wages & Salary Allocation Factor			
1	Transmission Wages Expense	(Note O)	Attachment 5	31,626,000
2	Total Wages Expense	(Note O)	Attachment 5	207,395,000
3	Less A&G Wages Expense	(Note O)	Attachment 5	9,733,000
4	Total Wages Less A&G Wages Expense		(Line 2 - Line 3)	197,662,000
5	**Wages & Salary Allocator**		(Line 1 / Line 4)	**16.0000%**
	Plant Allocation Factors			
6	Electric Plant in Service	(Note B)	Attachment 5	20,900,387,637
7	Common Plant in Service - Electric		(Line 22)	180,548,962
8	Total Plant in Service		(Line 6 + 7)	21,080,936,599
9	Accumulated Depreciation (Total Electric Plant)	(Note B & J)	Attachment 5	3,736,217,375
10	Accumulated Intangible Amortization - Electric	(Note B)	Attachment 5	6,181,302
11	Accumulated Common Plant Depreciation & Amortization - Electric	(Note B & J)	Attachment 5	29,686,389
12	Accumulated Common Amortization - Electric	(Note B)	Attachment 5	49,202,101
13	Total Accumulated Depreciation		(Line 9 + Line 10 + Line 11 + Line 12)	3,821,287,167
14	Net Plant		(Line 8 - Line 13)	17,259,649,432
15	Transmission Gross Plant		(Line 31)	11,254,947,402
16	**Gross Plant Allocator**		(Line 15 / Line 8)	**53.3892%**
17	Transmission Net Plant		(Line 43)	10,235,109,330
18	**Net Plant Allocator**		(Line 17 / Line 14)	**59.3008%**
	Plant Calculations			
	Plant In Service			
19	Transmission Plant In Service	(Note B)	Attachment 5	11,162,840,225
20	General	(Note B)	Attachment 5	332,299,612
21	Intangible - Electric	(Note B)	Attachment 5	15,038,477
22	Common Plant - Electric	(Note B)	Attachment 5	180,548,962
23	Total General, Intangible & Common Plant		(Line 20 + Line 21 + Line 22)	527,887,051
24	Less: General Plant Account 397 -- Communications	(Note B)	Attachment 5	36,924,263
25	Less: Common Plant Account 397 -- Communications	(Note B)	Attachment 5	35,209,921
26	General and Intangible Excluding Acct. 397		(Line 23 - Line 24 - Line 25)	455,752,867
27	Wage & Salary Allocator		(Line 5)	16.0000%
28	General and Intangible Plant Allocated to Transmission		(Line 26 * Line 27)	72,920,643
29	Account No. 397 Directly Assigned to Transmission	(Note B)	Attachment 5	19,186,533
30	Total General and Intangible Functionalized to Transmission		(Line 28 + Line 29)	92,107,177
31	**Total Plant In Rate Base**		(Line 19 + Line 30)	**11,254,947,402**
	Accumulated Depreciation			
32	Transmission Accumulated Depreciation	(Note B & J)	Attachment 5	968,854,890
33	Accumulated General Depreciation	(Note B & J)	Attachment 5	139,970,808
34	Accumulated Common Plant Depreciation - Electric	(Note B & J)	Attachment 5	78,888,490
35	Less: Amount of General Depreciation Associated with Acct. 397	(Note B & J)	Attachment 5	30,305,351
36	Balance of Accumulated General Depreciation		(Line 33 + Line 34 - Line 35)	188,553,948
37	Accumulated Intangible Amortization - Electric	(Note B)	(Line 10)	6,181,302
38	Accumulated General and Intangible Depreciation Ex. Acct. 397		(Line 36 + 37)	194,735,249
39	Wage & Salary Allocator		(Line 5)	16.0000%
40	Subtotal General and Intangible Accum. Depreciation Allocated to Transmission		(Line 38 * Line 39)	31,157,719
41	Accumulated General Depreciation Associated with Acct. 397 Directly Assigned to Transmis	(Note B & J)	Attachment 5	19,825,463
42	**Total Accumulated Depreciation**		(Lines 32 + 40 + 41)	**1,019,838,072**
43	**Total Net Property, Plant & Equipment**		(Line 31 - Line 42)	**10,235,109,330**

Public Service Electric and Gas Company

ATTACHMENT H-10A

Formula Rate -- Appendix A

Shaded cells are input cells

		Notes	FERC Form 1 Page # or Instruction	12 Months Ended 12/31/2018
	Adjustment To Rate Base			
	Accumulated Deferred Income Taxes			
44	**ADIT net of FASB 106 and 109**	(Note Q)	Attachment 1	-2,502,792,692
	CWIP for Incentive Transmission Projects			
45	CWIP Balances for Current Rate Year	(Note B & H)	Attachment 6	102,222,422
	Abandoned Transmission Projects			
45a	Unamortized Abandoned Transmission Projects	(Note R)	Attachment 5	0
46	**Plant Held for Future Use**	(Note C & Q)	Attachment 5	18,085,194
	Prepayments			
47	Prepayments	(Note A & Q)	Attachment 5	0
	Materials and Supplies			
48	Undistributed Stores Expense	(Note Q)	Attachment 5	0
49	Wage & Salary Allocator		(Line 5)	16.0000%
50	Total Undistributed Stores Expense Allocated to Transmission		(Line 48 * Line 49)	0
51	Transmission Materials & Supplies	(Note N & Q))	Attachment 5	48,632,000
52	Total Materials & Supplies Allocated to Transmission		(Line 50 + Line 51)	48,632,000
	Cash Working Capital			
53	Operation & Maintenance Expense		(Line 80)	133,933,189
54	1/8th Rule		1/8	12.5%
55	Total Cash Working Capital Allocated to Transmission		(Line 53 * Line 54)	16,741,649
	Network Credits			
56	Outstanding Network Credits	(Note N & Q))	Attachment 5	0
57	**Total Adjustment to Rate Base**		**(Lines 44 + 45 + 45a + 46 + 47 + 52 + 55 - 56)**	**(2,317,111,428)**
58	**Rate Base**		(Line 43 + Line 57)	**7,917,997,903**
	Operations & Maintenance Expense			
	Transmission O&M			
59	Transmission O&M	(Note O)	Attachment 5	107,887,010
60	Plus Transmission Lease Payments	(Note O)	Attachment 5	0
61	**Transmission O&M**		(Lines 59 + 60)	**107,887,010**
	Allocated Administrative & General Expenses			
62	Total A&G	(Note O)	Attachment 5	172,512,000
63	Plus: Actual PBOP expense	(Note J)	Attachment 5	26,864,000
64	Less: Actual PBOP expense	(Note O)	Attachment 5	37,487,000
65	Less Property Insurance Account 924	(Note O)	Attachment 5	3,032,000
66	Less Regulatory Commission Exp Account 928	(Note E & O)	Attachment 5	10,400,000
67	Less General Advertising Exp Account 930.1	(Note O)	Attachment 5	2,125,000
68	Less EPRI Dues	(Note D & O)	Attachment 5	0
69	**Administrative & General Expenses**		Sum (Lines 62 to 63) - Sum (Lines 64 to 68)	146,332,000
70	Wage & Salary Allocator		(Line 5)	16.0000%
71	**Administrative & General Expenses Allocated to Transmission**		(Line 69 * Line 70)	**23,413,179**
	Directly Assigned A&G			
72	Regulatory Commission Exp Account 928	(Note G & O)	Attachment 5	835,000
73	General Advertising Exp Account 930.1	(Note K & O)	Attachment 5	0
74	Subtotal - Accounts 928 and 930.1 - Transmission Related		(Line 72 + Line 73)	835,000
75	Property Insurance Account 924		(Line 65)	3,032,000
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)	3,032,000
78	Net Plant Allocator		(Line 18)	59.3008%
79	**A&G Directly Assigned to Transmission**		(Line 77 * Line 78)	**1,798,000**
80	**Total Transmission O&M**		**(Lines 61 + 71 + 74 + 79)**	**133,933,189**

Public Service Electric and Gas Company

ATTACHMENT H-10A

Formula Rate -- Appendix A

Shaded cells are input cells

			Notes	FERC Form 1 Page # or Instruction	12 Months Ended 12/31/2018
Depreciation & Amortization Expense					
	Depreciation Expense				
81	Transmission Depreciation Expense Including Amortization of Limited Term Plant		(Note J & O)	Attachment 5	266,279,924
81a	Amortization of Abandoned Plant Projects		(Note R)	Attachment 5	0
82	General Depreciation Expense Including Amortization of Limited Term Plant		(Note J & O)	Attachment 5	27,729,088
83	Less: Amount of General Depreciation Expense Associated with Acct. 397		(Note J & O)	Attachment 5	7,252,148
84	Balance of General Depreciation Expense			(Line 82 - Line 83)	20,476,940
85	Intangible Amortization		(Note A & O)	Attachment 5	11,136,699
86	Total			(Line 84 + Line 85)	31,613,639
87	Wage & Salary Allocator			(Line 5)	16.00%
88	General Depreciation & Intangible Amortization Allocated to Transmission			(Line 86 * Line 87)	5,058,195
89	General Depreciation Expense for Acct. 397 Directly Assigned to Transmission		(Note J & O)	Attachment 5	1,908,451
90	**General Depreciation and Intangible Amortization Functionalized to Transmission**			(Line 88 + Line 89)	**6,966,646**
91	**Total Transmission Depreciation & Amortization**			**(Lines 81 + 81a + 90)**	**273,246,570**
Taxes Other than Income Taxes					
92	Taxes Other than Income Taxes		(Note O)	Attachment 2	10,432,800
93	**Total Taxes Other than Income Taxes**			(Line 92)	**10,432,800**
Return \ Capitalization Calculations					
94	**Long Term Interest**			p117.62.c through 67.c	299,596,596
95	**Preferred Dividends**		enter positive	p118.29.d	0
	Common Stock				
96	Proprietary Capital		(Note P)	Attachment 5	8,201,697,087
97	Less Accumulated Other Comprehensive Income Account 219		(Note P)	Attachment 5	1,021,739
98	Less Preferred Stock			(Line 106)	0
99	Less Account 216.1		(Note P)	Attachment 5	3,331,169
100	**Common Stock**			(Line 96 - 97 - 98 - 99)	8,197,344,179
	Capitalization				
101	Long Term Debt		(Note P)	Attachment 5	7,362,278,245
102	Less Loss on Reacquired Debt		(Note P)	Attachment 5	63,934,374
103	Plus Gain on Reacquired Debt		(Note P)	Attachment 5	0
104	Less ADIT associated with Gain or Loss		(Note P)	Attachment 5	16,982,115
105	Total Long Term Debt			(Line 101 - 102 + 103 - 104)	7,281,361,756
106	Preferred Stock		(Note P)	Attachment 5	0
107	Common Stock			(Line 100)	8,197,344,179
108	**Total Capitalization**			(Sum Lines 105 to 107)	15,478,705,935
109	Debt %	Total Long Term Debt		(Line 105 / Line 108)	47.04%
110	Preferred %	Preferred Stock		(Line 106 / Line 108)	0.00%
111	Common %	Common Stock		(Line 107 / Line 108)	52.96%
112	Debt Cost	Total Long Term Debt		(Line 94 / Line 105)	0.0411
113	Preferred Cost	Preferred Stock		(Line 95 / Line 106)	0.0000
114	Common Cost	Common Stock	(Note J)	Fixed	0.1168
115	Weighted Cost of Debt	Total Long Term Debt (WCLTD)		(Line 109 * Line 112)	0.0194
116	Weighted Cost of Preferred	Preferred Stock		(Line 110 * Line 113)	0.0000
117	Weighted Cost of Common	Common Stock		(Line 111 * Line 114)	0.0619
118	**Rate of Return on Rate Base (ROR)**			(Sum Lines 115 to 117)	**0.0812**
119	**Investment Return = Rate Base * Rate of Return**			**(Line 58 * Line 118)**	**643,031,192**

Public Service Electric and Gas Company

ATTACHMENT H-10A

	Formula Rate -- Appendix A		Notes	FERC Form 1 Page # or Instruction	12 Months Ended 12/31/2018
	Shaded cells are input cells				
	Composite Income Taxes				
	Income Tax Rates				
120	FIT=Federal Income Tax Rate		(Note I)		21.00%
121	SIT=State Income Tax Rate or Composite				9.00%
122	p	(percent of federal income tax deductible for state purposes)		Per State Tax Code	0.00%
123	T	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =			28.11%
124	T / (1-T)				39.10%
	ITC Adjustment				
125	Amortized Investment Tax Credit	enter negative	(Note O)	Attachment 5	-561,000
126	1/(1-T)			1 / (1 - Line 123)	139.10%
127	Net Plant Allocation Factor			(Line 18)	59.30%
128	**ITC Adjustment Allocated to Transmission**			(Line 125 * Line 126 * Line 127)	**-462,759**
129	**Income Tax Component =**	(T/1-T) * Investment Return * (1-(WCLTD/ROR)) =		[Line 124 * Line 119 * (1- (Line 115 / Line 118))]	**191,508,964**
130	**Total Income Taxes**			**(Line 128 + Line 129)**	**191,046,205**
	Revenue Requirement				
	Summary				
131	Net Property, Plant & Equipment			(Line 43)	10,235,109,330
132	Total Adjustment to Rate Base			(Line 57)	-2,317,111,428
133	**Rate Base**			(Line 58)	**7,917,997,903**
134	Total Transmission O&M			(Line 80)	133,933,189
135	Total Transmission Depreciation & Amortization			(Line 91)	273,246,570
136	Taxes Other than Income			(Line 93)	10,432,800
137	Investment Return			(Line 119)	643,031,192
138	Income Taxes			(Line 130)	191,046,205
139	**Gross Revenue Requirement**			**(Sum Lines 134 to 138)**	**1,251,689,957**
	Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities				
140	Transmission Plant In Service			(Line 19)	11,162,840,225
141	Excluded Transmission Facilities		(Note B & M)	Attachment 5	0
142	Included Transmission Facilities			(Line 140 - Line 141)	11,162,840,225
143	Inclusion Ratio			(Line 142 / Line 140)	100.00%
144	Gross Revenue Requirement			(Line 139)	1,251,689,957
145	**Adjusted Gross Revenue Requirement**			(Line 143 * Line 144)	**1,251,689,957**
	Revenue Credits & Interest on Network Credits				
146	**Revenue Credits**		(Note O)	Attachment 3	21,251,492
147	**Interest on Network Credits**		(Note N & O)	Attachment 5	0
148	**Net Revenue Requirement**			**(Line 145 - Line 146 + Line 147)**	**1,230,438,464**
	Net Plant Carrying Charge				
149	Gross Revenue Requirement			(Line 144)	**1,251,689,957**
150	Net Transmission Plant, CWIP and Abandoned Plant			(Line 19 - Line 32 + Line 45 + Line 45a)	**10,296,207,758**
151	Net Plant Carrying Charge			(Line 149 / Line 150)	**12.1568%**
152	Net Plant Carrying Charge without Depreciation			(Line 149 - Line 81) / Line 150	**9.5706%**
153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes			(Line 149 - Line 81 - Line 119 - Line 130) / Line 15(	**1.4698%**
	Net Plant Carrying Charge Calculation per 100 Basis Point increase in ROE				
154	Gross Revenue Requirement Less Return and Taxes			(Line 144 - Line 137 - Line 138)	**417,612,559**
155	Increased Return and Taxes			Attachment 4	**892,406,517**
156	Net Revenue Requirement per 100 Basis Point increase in ROE			(Line 154 + Line 155)	**1,310,019,076**
157	Net Transmission Plant, CWIP and Abandoned Plant			(Line 19 - Line 32 + Line 45 + Line 45a)	**10,296,207,758**
158	Net Plant Carrying Charge per 100 Basis Point increase in ROE			(Line 156 / Line 157)	**12.7233%**
159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation			(Line 156 - Line 81) / Line 157	**10.1371%**
160	**Net Revenue Requirement**			(Line 148)	**1,230,438,464**
161	True-up amount			Attachment 6	**12,591,534**
162	Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects not paid by other PJM transmission z			Attachment 7	**5,789,354**
163	Facility Credits under Section 30.9 of the PJM OATT			Attachment 5	**0**
164	**Net Zonal Revenue Requirement**			(Line 160 + 161 + 162 + 163)	**1,248,819,352**
	Network Zonal Service Rate				
165	1 CP Peak		(Note L)	Attachment 5	**9,566.9**
166	Rate ($/MW-Year)			(Line 164 / 165)	**130,535.22**
167	**Network Service Rate ($/MW/Year)**			**(Line 166)**	**130,535.22**

Public Service Electric and Gas Company

ATTACHMENT H-10A

Formula Rate -- Appendix A	**Notes**	**FERC Form 1 Page # or Instruction**	**12 Months Ended 12/31/2018**

Shaded cells are input cells

Notes

A Electric portion only

B Calculated using 13-month average balances

C Includes Transmission portion only. At each annual informational filing, Company will identify for each parcel of land an intended use within a 15 year period

D Includes all EPRI Annual Membership Dues

E Includes all Regulatory Commission Expenses

F Includes Safety related advertising included in Account 930.1

G Includes Regulatory Commission Expenses directly related to transmission service, RTO filings, or transmission siting itemized in Form 1 at 351.h

H CWIP can only be included if authorized by the Commission

I The currently effective income tax rate where FIT is the Federal income tax rate; SIT is the State income tax rate, and p =
the percentage of federal income tax deductible for state income taxes

J ROE will be supported in the original filing and no change in ROE will be made absent a filing at FERC
PBOP expense shall be based upon the Company's Actual Annual PBOP Expense until changed by a filing at FERC
The actual Annual PBOP Expense to be included in the Formula Rate Annual Update that is required to be filed on or before October 15 of each year shall be based upon the Actual Annual PBOP Expense as charged to FERC Account 926 on behalf of electric employees for PBOP and as included by the Company in its most recent True-up Adjustment filing.
PSEG will provide, in connection with each annual True-Up Adjustment filing a confidential copy of relevant pages from annual actuarial valuation report supporting the derivation of the Actual Annual PBOP Expense as charged to FERC Account 926 on behalf of electric employees
Depreciation rates shown in Attachment 8 are fixed until changed as the result of a filing at FERC
If book depreciation rates are different than the Attachment 8 rates, PSE&G will provide workpapers at the annual update to reconcile formula depreciation expense and depreciation accruals to FERC Form 1 amounts

K Education and outreach expenses relating to transmission, for example siting or billing

L As provided for in Section 34.1 of the PJM OATT; the PJM established billing determinants will not be revised or updated in the annual rate reconciliations

M Amount of transmission plant excluded from rates per Attachment 5

N Outstanding Network Credits is the balance of Network Facilities Upgrades Credits due Transmission Customers who have made lump-sum payments towards the construction of Network Transmission Facilities consistent with Paragraph 657 of Order 2003-A
Interest on the Network Credits as booked each year is added to the revenue requirement to make the Transmission Owner whole on Line "&A248&"."

O Expenses reflect full year plan

P The projected capital structure shall reflect the capital structure from the FERC Form 1 data. For all other formula rate calculations, the projected capital structure and actual capital structure shall reflect the capital structure from the most recent FERC Form 1 data available.
Calculated using the average of the prior year and current year balances

Q Calculated using beginning and year end projected balances

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

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

	Only Transmission Related	*Plant Related*	*Labor Related*	*Total ADIT*	
ADIT- 282	(2,597,832,425)	0	(36,267,968)		From Acct. 282 total, below
ADIT-283	0	(14,192,780)	0		From Acct. 283 total, below
ADIT-190	0	0	12,168,870		From Acct. 190 total, below
Subtotal	(2,597,832,425)	(14,192,780)	(24,099,098)		
Wages & Salary Allocator			16.0000%		
Net Plant Allocator		59.3008%			
End of Year ADIT	(2,597,832,425)	(8,416,431)	(3,855,865)	**(2,610,104,721)**	
End of Previous Year ADIT (from Sheet 1A-ADIT (3))	(2,383,691,531)	(8,797,786)	(2,991,346)	**(2,395,480,663)**	
Average Beginning and End of Year ADIT	(2,490,761,978)	(8,607,109)	(3,423,606)	**(2,502,792,692)**	Appendix A, Line 44

Note: ADIT associated with Gain or Loss on Reacquired Debt is included in Column A here and included in Cost of Debt on Appendix A, Line 108
(14,192,780) < From Acct 283, below

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

A	B	C	D	E	F	G
ADIT-190	***Total***	***Gas, Prod Or Other Related***	***Only Transmission Related***	***Plant Related***	***Labor Related***	***Justification***
ADIT - Contribution In Aid of Construction	33,971,473	33,971,473	-	-	-	Represents the estimated IRC 118 amount (CIAC)
Vacation Pay	631,750	-	-	-	631,750	Vacation pay earned and expensed for books, tax deduction when paid - employees in all functions
OPEB	180,153,245	-	-	-	180,153,245	FASB 106 - Post Retirement Obligation, labor related.
Deferred Dividend Equivalents	3,105,261	-	-	-	3,105,261	Book accrual of dividends on employee stock options affecting all functions
Deferred Compensation	395,586	-	-	-	395,586	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
ADIT - Unallowable PIP Accrual	-	-	-	-	-	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
Bankruptcies $ Acfc	189,384	189,384	-	-	-	Book estimate accrued and expensed, tax deduction when paid - Generation Related
Federal Taxes Deferred	5,554,630	-	-	5,554,630	-	FASB 109 - deferred tax asset primarily associated with items previously flowed through due to regulation
Miscellaneous	(1,631,739)	(9,668,012)	-	-	8,036,273	-
Subtotal - p234	**222,369,590**	**24,492,845**		**5,554,630**	**192,322,115**	
Less FASB 109 Above if not separately removed	5,554,630			5,554,630		
Less FASB 106 Above if not separately removed	180,153,245				180,153,245	
Total	**36,661,715**	**24,492,845**		**0**	**12,168,870**	

Instructions for Account 190:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C

2. ADIT items related only to Transmission are directly assigned to Column D

3. ADIT items related to Plant and not in Columns C & D are included in Column E

4. ADIT items related to labor and not in Columns C & D are included in Column F

5. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

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

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)	(4,004,267,788)	(1,595,753,854)	(2,375,774,816)	-	(32,739,118)	For federal - Column D represents the direct assignment of prorated ADIT associated with Transmission assets,, column F represents ADIT associated with the allocation of common plant and column C represents estimated electrical distribution ADIT
Depreciation - Liberalized Depreciation (State)	(412,147,501)	(186,561,043)	(222,057,608)	-	(3,528,850)	For state - Column D represents the direct assignment of prorated ADIT associated with Transmission assets,, column F represents ADIT associated with the allocation of common plant and column C represents estimated electrical distribution ADIT
Accounting for Income Taxes	(317,127,352)	(267,274,356)	(49,588,141)	-	(264,855)	FASB 109 - deferred tax liability primarily associated with plant related items previously flowed through due to regulation
Subtotal - p275	**(4,733,542,641)**	**(2,049,589,252)**	**(2,647,420,566)**	**0**	**(36,532,823)**	
Less FASB 109 Above if not separately removed	(49,852,996)		(49,588,141)	0	(264,855)	
Less FASB 106 Above if not separately removed						
Total	**(4,683,689,644)**	**(2,049,589,252)**	**(2,597,832,425)**	**0**	**(36,267,968)**	

Instructions for Account 282:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C

2. ADIT items related only to Transmission are directly assigned to Column D

3. ADIT items related to Plant and not in Columns C & D are included in Column E

4. ADIT items related to labor and not in Columns C & D are included in Column F

5. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

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

A	B	C	D	E	F	G
ADIT-283	*Total*	Gas, Prod or Other Related	Only Transmission Related	Plant	Labor	
Environmental Cleanup Costs	(61,165,265)	(61,165,265)	-	-	-	Book estimate accrued and expensed, tax deduction when paid - Manufactured Gas Plants
New Jersey Corporation Business Tax	11,114,837	11,114,837	-	-	-	New Jersey Corporate Income Tax - Plant Related- Contra Account of 190 NJCBT
Accelerated Activity Plan	(105,453,531)	(105,453,531)	-	-	-	Demand Side management and Associated Programs - Retail Related
Loss on Reacquired Debt	(14,192,780)	-	-	(14,192,780)	-	Tax deduction when reacquired, booked amortizes to expense
Additional Pension Deduction	(158,168,868)	(158,168,868)	-	-	-	Associated with Pension Liability not in rates
Sales Tax Reserve	-	-	-	-	-	Sales tax audit reserve
Miscellaneous	37,177,610	37,177,610	-	-	-	Miscellaneous Tax Adjustments
Deferred Gain	(46,845,469)	(46,845,469)	-	-	-	Deferred gain resulted from 2000 deregulation step up basis
Accounting for Income Taxes (FAS109) - Federal	(232,692,205)	-	-	(232,692,205)	-	FASB 109 - deferred tax liability primarily non-plant related items previously flowed through due to regulation
Subtotal - p277	**(570,225,671)**	**(323,340,687)**		**(246,884,985)**		
Less FASB 109 Above if not separately removed	(232,692,205)			(232,692,205)		
Less FASB 106 Above if not separately removed						
Total	**(337,533,467)**	**(323,340,687)**		**(14,192,780)**		

Instructions for Account 283:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C

2. ADIT items related only to Transmission are directly assigned to Column D

3. ADIT items related to Plant and not in Columns C & D are included in Column E

4. ADIT items related to labor and not in Columns C & D are included in Column F

5. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

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

	Only Transmission Related	*Plant Related*	*Labor Related*	*Total ADIT*	
ADIT- 282	(2,383,691,531)	0	(30,864,733)		From Acct. 282 total, below
ADIT-283	0	(14,835,865)	0		From Acct. 283 total, below
ADIT-190	0	0	12,168,870		From Acct. 190 total, below
Subtotal	(2,383,691,531)	(14,835,865)	(18,695,863)		
Wages & Salary Allocator			16.0000%		
Net Plant Allocator		59.3008%			
End of Year ADIT	(2,383,691,531)	(8,797,786)	(2,991,346)	**(2,395,480,663)**	

Note: ADIT associated with Gain or Loss on Reacquired Debt is included in Column A here and included in Cost of Debt on Appendix A, Line 108
(14,835,865) < From Acct 283, below

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

A	B	C	D	E	F	G
ADIT-190	*Total*	*Gas, Prod Or Other Related*	*Only Transmission Related*	*Plant Related*	*Labor Related*	*Justification*
ADIT - Contribution In Aid of Construction	37,748,575	37,748,575	-	-	-	Represents the estimated IRC 118 amount (CIAC)
Vacation Pay	631,750	-	-	-	631,750	Vacation pay earned and expensed for books, tax deduction when paid - employees in all functions
OPEB	179,879,275	-	-	-	179,879,275	FASB 106 - Post Retirement Obligation, labor related.
Deferred Dividend Equivalents	3,105,261	-	-	-	3,105,261	Book accrual of dividends on employee stock options affecting all functions
Deferred Compensation	395,586	-	-	-	395,586	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
ADIT - Unallowable PIP Accrual	-	-	-	-	-	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
Bankruptcies $ Acfc	189,384	189,384	-	-	-	Book estimate accrued and expensed, tax deduction when paid - Generation Related
Federal Taxes Deferred	5,554,630	-	-	5,554,630	-	FASB 109 - deferred tax asset primarily associated with items previously flowed through due to regulation
Miscellaneous	(1,631,739)	(9,668,012)	-	-	8,036,273	0
Subtotal - p234	**225,872,721**	**28,269,947**		**5,554,630**	**192,048,144**	
Less FASB 109 Above if not separately removed	5,554,630			5,554,630		
Less FASB 106 Above if not separately removed	179,879,275				179,879,275	
Total	**40,438,817**	**28,269,947**		**0**	**12,168,870**	

Instructions for Account 190:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C

2. ADIT items related only to Transmission are directly assigned to Column D

3. ADIT items related to Plant and not in Columns C & D are included in Column E

4. ADIT items related to labor and not in Columns C & D are included in Column F

5. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

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

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A *ADIT- 282*	B *Total*	C *Gas, Prod Or Other Related*	D *Only Transmission Related*	E *Plant Related*	F *Labor Related*	G *Justification*
Depreciation - Liberalized Depreciation (Federal)	(3,710,135,516)	(1,484,577,833)	(2,198,221,800)	-	(27,335,883)	For Federal - Column D represents the direct assignment of ADIT, unprorated, associated with Transmission assets, column F represents ADIT associated with the allocation of common plant and column C represents estimated electrical distribution ADIT
Depreciation - Liberalized Depreciation (State)	(360,901,871)	(171,903,290)	(185,469,731)	-	(3,528,850)	For State - Column D represents the direct assignment of ADIT, unprorated, associated with Transmission assets, column F represents ADIT associated with the allocation of common plant and column C represents estimated electrical distribution ADIT
Accounting for Income Taxes	(49,852,996)	-	(49,588,141)	-	(264,855)	FASB 109 - deferred tax liability primarily associated with plant related items previously flowed through due to regulation
Subtotal - p275	**(4,120,890,383)**	**(1,656,481,123)**	**(2,433,279,672)**	**0**	**(31,129,588)**	
Less FASB 109 Above if not separately removed	(49,852,996)		(49,588,141)	0	(264,855)	
Less FASB 106 Above if not separately removed						
Total	**(4,071,037,387)**	**(1,656,481,123)**	**(2,383,691,531)**	**0**	**(30,864,733)**	

Instructions for Account 282:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C

2. ADIT items related only to Transmission are directly assigned to Column D

3. ADIT items related to Plant and not in Columns C & D are included in Column E

4. ADIT items related to labor and not in Columns C & D are included in Column F

5. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

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

A	B	C	D	E	F	G
ADIT-283	*Total*	Gas, Prod or Other Related	Only Transmission Related	Plant	Labor	
Environmental Cleanup Costs	(61,165,265)	(61,165,265)	-	-	-	Book estimate accrued and expensed, tax deduction when paid - Manufactured Gas Plants
New Jersey Corporation Business Tax	11,699,896	11,699,896	-	-	-	New Jersey Corporate Income Tax - Plant Related- Contra Account of 190 NJCBT
Accelerated Activity Plan	(104,257,965)	(104,257,965)	-	-	-	Demand Side management and Associated Programs - Retail Related
Loss on Reacquired Debt	(14,835,865)	-	-	(14,835,865)	-	Tax deduction when reacquired, booked amortizes to expense
Additional Pension Deduction	(158,168,868)	(158,168,868)	-	-	-	Associated with Pension Liability not in rates
Sales Tax Reserve	-	-	-	-	-	Sales tax audit reserve
Miscellaneous	32,730,151	32,730,151	-	-	-	Miscellaneous Tax Adjustments
Deferred Gain	(46,845,469)	(46,845,469)	-	-	-	Deferred gain resulted from 2000 deregulation step up basis
Accounting for Income Taxes (FAS109) - Federal	(232,692,205)	-	-	(232,692,205)	-	FASB 109 - deferred tax liability primarily non-plant related items previously flowed through due to regulation
Subtotal - p277	**(573,535,590)**	**(326,007,521)**		**(247,528,070)**		
Less FASB 109 Above if not separately removed	(232,692,205)			(232,692,205)		
Less FASB 106 Above if not separately removed						
Total	**(340,843,386)**	**(326,007,521)**		**(14,835,865)**		

Instructions for Account 283:
1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C

2. ADIT items related only to Transmission are directly assigned to Column D

3. ADIT items related to Plant and not in Columns C & D are included in Column E

4. ADIT items related to labor and not in Columns C & D are included in Column F

5. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

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

	Other Taxes	*Page 263 Col (i)*	*Allocator*	*Allocated Amount*	
	Plant Related				
1	Real Estate	21,308,000			Attachment #5
2	***Total Plant Related***	21,308,000	N/A	7,881,000	
	Labor Related		***Wages & Salary Allocator***		
3	FICA	14,264,750			
4	Federal Unemployment Tax	322,070			
5	New Jersey Unemployment Tax	687,790			
6	New Jersey Workforce Development	674,100			
7					
8	***Total Labor Related***	15,948,710	16.0000%	2,551,800	
	Other Included		***Net Plant Allocator***		
9					
10					
11					
12					
13	***Total Other Included***	0	59.3008%	0	
14	***Total Included (Lines 8 + 14 + 19)***	37,256,710		10,432,800	
	Currently Excluded				
15	Corporate Business Tax	0			
16	TEFA	0			
17	Use & Sales Tax	0			
18	Local Franchise Tax	0			
19	PA Corporate Income Tax	0			
20	Municipal Utility	0			
21	Public Utility Fund	0			
22	**Subtotal, Excluded**	0			
23	**Total, Included and Excluded (Line 20 + Line 28)**	37,256,710			
24	**Total Other Taxes from p114.14.g - Actual**	37,256,710			
25	Difference (Line 29 - Line 30)	-			

Criteria for Allocation:

A Other taxes that are incurred through ownership of plant including transmission plant will be allocated based on the Net Plant Allocator. If the taxes are 100% recovered at retail they shall not be included. Real Estate taxes are directly assigned to Transmission.

B Other taxes that are incurred through ownership of only general or intangible plant will be allocated based on the Wages and Salary Allocator. If the taxes are 100% recovered at retail they shall not be included.

C Other taxes that are assessed based on labor will be allocated based on the Wages and Salary Allocator.

D Other taxes except as provided for in A, B and C above, that are incurred and (1) are not fully recovered at retail or (2) are directly or indirectly related to transmission service will be allocated based on the Net Plant Allocator; provided, however, that overheads shall be treated as in footnote B above.

E Excludes prior period adjustments in the first year of the formula's operation and reconciliation for the first year.

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

	Accounts 450 & 451		
1	Late Payment Penalties Allocated to Transmission		0
	Account 454 - Rent from Electric Property		
2	Rent from Electric Property - Transmission Related (Note 2)		600,000
	Account 456 - Other Electric Revenues		
3	Transmission for Others		0
4	Schedule 1A		4,665,000
5	Net revenues associated with Network Integration Transmission Service (NITS) for which the load is not included in the divisor (difference between NITS credits from PJM and PJM NITS charges paid by Transmission Owner)		
6	Point to Point Service revenues for which the load is not included in the divisor received by Transmission Owner		6,650,000
7	Professional Services (Note 2)		45,000
8	Revenues from Directly Assigned Transmission Facility Charges (Note 1)		7,962,979
9	Rent or Attachment Fees associated with Transmission Facilities (Note 2)		4,845,371
10	Gross Revenue Credits	(Sum Lines 1-9)	24,768,349
11	Less line 18	- line 18	(3,516,857)
12	Total Revenue Credits	line 10 + line 11	21,251,492

13	Revenues associated with lines 2, 7, and 9 (Note 2)	5,490,371
14	Income Taxes associated with revenues in line 13	1,543,343
15	One half margin (line 13 - line 14)/2	1,973,514
16	All expenses (other than income taxes) associated with revenues in line 13 that are included in FERC accounts recovered through the formula times the allocator used to functionalize the amounts in the FERC account to the transmission service at issue.	-
17	Line 15 plus line 16	1,973,514
18	Line 13 less line 17	3,516,857

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

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

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

	Return and Taxes with 100 Basis Point increase in ROE			
A	100 Basis Point increase in ROE and Income Taxes		Line 27 + Line 42 from below	892,406,517
B	100 Basis Point increase in ROE			1.00%

Return Calculation

			Appendix A Line or Source	**Reference**
1	**Rate Base**		(Line 43 + Line 57)	7,917,997,903
2	**Long Term Interest**		p117.62.c through 67.c	299,596,596
3	**Preferred Dividends**	enter positive	p118.29.d	0
	Common Stock			
4	Proprietary Capital		Attachment 5	8,201,697,087
5	Less Accumulated Other Comprehensive Income Account 219		p112.15.c	1,021,739
6	Less Preferred Stock		(Line 106)	0
7	Less Account 216.1		Attachment 5	3,331,169
8	Common Stock		(Line 96 - 97 - 98 - 99)	8,197,344,179
	Capitalization			
9	Long Term Debt		Attachment 5	7,362,278,245
10	Less Loss on Reacquired Debt		Attachment 5	63,934,374
11	Plus Gain on Reacquired Debt		Attachment 5	0
12	Less ADIT associated with Gain or Loss		Attachment 5	16,982,115
13	Total Long Term Debt		(Line 101 - 102 + 103 - 104)	7,281,361,756
14	Preferred Stock		Attachment 5	0
15	Common Stock		(Line 100)	8,197,344,179
16	Total Capitalization		(Sum Lines 105 to 107)	15,478,705,935
17	Debt %	Total Long Term Debt	(Line 105 / Line 108)	47.0%
18	Preferred %	Preferred Stock	(Line 106 / Line 108)	0.0%
19	Common %	Common Stock	(Line 107 / Line 108)	53.0%
20	Debt Cost	Total Long Term Debt	(Line 94 / Line 105)	0.0411
21	Preferred Cost	Preferred Stock	(Line 95 / Line 106)	0.0000
22	Common Cost	Common Stock	(Line 114 + 100 basis points)	0.1268
23	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 109 * Line 112)	0.0194
24	Weighted Cost of Preferred	Preferred Stock	(Line 110 * Line 113)	0.0000
25	Weighted Cost of Common	Common Stock	(Line 111 * Line 114)	0.0672
26	**Rate of Return on Rate Base (ROR)**		**(Sum Lines 115 to 117)**	**0.0865**
27	**Investment Return = Rate Base * Rate of Return**		**(Line 58 * Line 118)**	**684,963,996**

Composite Income Taxes

	Income Tax Rates			
28	FIT=Federal Income Tax Rate			21.00%
29	SIT=State Income Tax Rate or Composite			9.00%
30	p = percent of federal income tax deductible for state purposes		Per State Tax Code	0.00%
31	T	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =		28.11%
35	CIT = T / (1-T)			39.10%
36	1 / (1-T)			139.10%
	ITC Adjustment			
37	Amortized Investment Tax Credit	enter negative	Attachment 5	-561,000
38	1/(1-T)		1 / (1 - Line 123)	139%
39	Net Plant Allocation Factor		(Line 18)	59.3008%
40	**ITC Adjustment Allocated to Transmission**		(Line 125 * Line 126 * Line 127)	**-462,759**
41	**Income Tax Component =**	CIT=(T/1-T) * Investment Return * (1-(WCLTD/R)) =		207,905,280
42	**Total Income Taxes**			**207,442,521**

Electric / Non-electric Cost Support

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

Wages & Salary

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
2	Total Wage Expense	(Note A)	p354.28b	207,395,000
3	Total A&G Wages Expense	(Note A)	p354.27b	9,733,000
1	Transmission Wages		p354.21b	31,626,000

Transmission / Non-transmission Cost Support

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

Prepayments

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

Materials and Supplies

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

Outstanding Network Credits Cost Support

Line #s	Descriptions	Notes	Page #'s & Instructions	Beginning Year 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	107,887,010
60	Transmission Lease Payments		p321.96.b	-

Property Insurance Expenses

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

Adjustments to A & G Expense

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

Regulatory Expense Related to Transmission Cost Support

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year	Transmission Related
	Allocated General & Common Expenses				
66	Regulatory Commission Exp Account 928	(Note E & O)	p323.189b	10,400,000	-
	Directly Assigned A&G				
72	Regulatory Commission Exp Account 928	(Note G & O)	p351.11-13h	835,000	835,000

General & Common Expenses

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

Safety Related Advertising Cost Support

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year	Safety Related	Non-safety Related
	Directly Assigned A&G					
73	General Advertising Exp Account 930.1	(Note K & O)	p323.191b	2,125,000	-	2,125,000

Education and Out Reach Cost Support

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

Depreciation Expense

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
	Depreciation Expense			
81	Depreciation-Transmission	(Note J & O)	p336.7.f	266,279,924
82	Depreciation-General & Common	(Note J & O)	p336.10&11.f	27,729,088
83	Depreciation-General Expense Associated with Acct. 397	(Note J & O)	Company Records	7,252,148
85	Depreciation-Intangible	(Note A & O)	p336.1.f	11,136,699
89	Transmission Depreciation Expense for Acct. 397	(Note J & O)	Company Records	1,908,451

Direct Assignment of Transmission Real Estate Taxes

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

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

Return \ Capitalization

Line #s	Descriptions	Notes	Page #'s & Instructions	2015 End of Year	2016 End of Year	Average
96	Proprietary Capital	(Note P)	p112.16.c,d	7,629,005,378	8,774,388,796	8,201,697,087
97	Accumulated Other Comprehensive Income Account 219	(Note P)	p112.15.c,d	1,227,004	816,474	1,021,739
99	Account 216.1	(Note P)	p119.53.c&d	3,474,616	3,187,722	3,331,169
101	Long Term Debt	(Note P)	p112.18.c,d thru 23.c,d	6,861,859,145	7,862,697,345	7,362,278,245
102	Loss on Reacquired Debt	(Note P)	p111.81.c,d	66,774,576	61,094,172	63,934,374
103	Gain on Reacquired Debt	(Note P)	p113.61.c,d	-	-	0
104	ADIT associated with Gain or Loss on Reacquired Debt	(Note P)	p277.3.k (footnote)	16,982,115	16,982,115	16,982,115
106	Preferred Stock	(Note P)	p112.3.c,d	-	-	0

MultiState Workpaper

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

Amortized Investment Tax Credit

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
125	Amortized Investment Tax Credit	(Note O)	p266.8.f	561,000

Excluded Transmission Facilities

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

Interest on Outstanding Network Credits Cost Support

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

Facility Credits under Section 30.9 of the PJM OATT

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

PJM Load Cost Support

Line #s	Descriptions	Notes	Page #'s & Instructions	1 CP Peak
	Network Zonal Service Rate			
165	1 CP Peak	(Note L)	PJM Data	9,566.9

Abandoned Transmission Projects

Line #s		Descriptions		BRH Project	Project X	Project Y
	a	Beginning Balance of Unamortized Transmission Projects	Per FERC Order	$ -	$ -	$ -
Attachment 7	b	Years remaining in Amortization Period	Per FERC Order	$ -	$ -	$ -
81	c	Transmission Depreciation Expense Including Amortization of Limited Term Plant	(line a / line b)	$ -	$ -	$ -
	d	Ending Balance of Unamortized Transmission Projects	(line a - line c)	$ -	$ -	$ -
	e	Average Balance of Unamortized Abandoned Transmission Projects	(line a + d)/2	$ -	$ -	$ -
	g	Non Incentive Return and Income Taxes	(Appendix A line 137+ line 138)	$ -	$ -	$ -
	h	Rate Base	(Appendix A line 58)	$ -	$ -	$ -
Attachment 7	i	Non Incentive Return and Income Taxes	(line g / line h)	-	-	-
		Docket No. ER12-2274-000 authorizing $3,500,000 amortization over one-year recovery of BRH Abandoned Transmission Project		ER12-2274		

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 6 - True-up Adjustment for Network Integration Transmission Service - December 31, 2018

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

(i) Beginning with 2009, no later than June 15 of each year PSE&G shall recalculate an adjusted Annual Transmission Revenue Requirement for the previous calendar year based on its actual costs as reflected in its Form No. 1 and its books and records for that calendar year, consistent with FERC accounting policies. [2]

(ii) PSE&G shall determine the difference between the recalculated Annual Transmission Revenue Requirement as determined in paragraph (i) above, and ATRR based on projected costs for the previous calendar year (True-Up Adjustment Before Interest).

(iii) The True-Up Adjustment shall be determined as follows:

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

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

Summary of Formula Rate Process including True-Up Adjustment

Month	Year	Action
July	2008	TO populates the formula with Year 2008 estimated data
October	2008	TO populates the formula with Year 2009 estimated data
June	2009	TO populates the formula with Year 2008 actual data and calculates the 2008 True-Up Adjustment Before Interest
October	2009	TO calculates the Interest to include in the 2008 True-Up Adjustment
October	2009	TO populates the formula with Year 2010 estimated data and 2008 True-Up Adjustment
June	2010	TO populates the formula with Year 2009 actual data and calculates the 2009 True-Up Adjustment Before Interest
October	2010	TO calculates the Interest to include in the 2009 True-Up Adjustment
October	2010	TO populates the formula with Year 2011 estimated data and 2009 True-Up Adjustment
June	2011	TO populates the formula with Year 2010 actual data and calculates the 2010 True-Up Adjustment Before Interest
October	2011	TO calculates the Interest to include in the 2010 True-Up Adjustment
October	2011	TO populates the formula with Year 2012 estimated data and 2010 True-Up Adjustment
June	2012	TO populates the formula with Year 2011 actual data and calculates the 2011 True-Up Adjustment Before Interest
October	2012	TO calculates the Interest to include in the 2011 True-Up Adjustment
October	2012	TO populates the formula with Year 2013 estimated data and 2011 True-Up Adjustment
June	2013	TO populates the formula with Year 2012 actual data and calculates the 2012 True-Up Adjustment Before Interest
October	2013	TO calculates the Interest to include in the 2012 True-Up Adjustment
October	2013	TO populates the formula with Year 2014 estimated data and 2012 True-Up Adjustment
June	2014	TO populates the formula with Year 2013 actual data and calculates the 2013 True-Up Adjustment Before Interest
October	2014	TO calculates the Interest to include in the 2013 True-Up Adjustment
October	2014	TO populates the formula with Year 2015 estimated data and 2013 True-Up Adjustment
June	2015	TO populates the formula with Year 2014 actual data and calculates the 2014 True-Up Adjustment Before Interest
October	2015	TO calculates the Interest to include in the 2014 True-Up Adjustment
October	2015	TO populates the formula with Year 2016 estimated data and 2014 True-Up Adjustment
June	2016	TO populates the formula with Year 2015 actual data and calculates the 2015 True-Up Adjustment Before Interest
October	2016	TO calculates the Interest to include in the 2015 True-Up Adjustment
October	2016	TO populates the formula with Year 2017 estimated data and 2015 True-Up Adjustment
June	2017	TO populates the formula with Year 2016 actual data and calculates the 2016 True-Up Adjustment Before Interest
October	2017	TO calculates the Interest to include in the 2016 True-Up Adjustment
October	2017	TO populates the formula with Year 2018 estimated data and 2016 True-Up Adjustment

Formula Rate was not in effect for 2006 or 2007.

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

Calendar Year Complete for Each Calendar Year beginning in 2009

A	ATRR based on actual costs included for the previous calendar year but excludes the true-up adjustment.	1,075,953,704	
B	ATRR based on projected costs included for the previous calendar year but excludes the true-up adjustment.	1,064,228,952	
C	Difference (A-B)	11,724,752	<Note: for the first rate year, divide this reconciliation amount by 12 and multiply by the number of months and fractional months the rate was in effect.
D	Future Value Factor (1+i)^24	1.07393	
E	True-up Adjustment (C*D)	12,591,534	

Where:
i = average interest rate as calculated below

Interest on Amount of Refunds or Surcharges

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

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

	Estimated Additions - 2018												
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
	Other Projects PIS (monthly additions)	Ridge Road 69kV Breaker Station (B1255) (monthly additions)	Reconfigure Kearny- Loop in P2216 Ckt (B1589) (monthly additions)	Reconfigure Brunswick Sw- New 69kVCkt-T (B2146) (monthly additions)	350 MVAR Reactor Hopatcong 500kV (B2702) (monthly additions)	Mickleton-Gloucester-Camden(B1398-B1398.7) (monthly additions)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (monthly additions)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21) (monthly additions)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (monthly additions)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33) (monthly additions)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34) (monthly additions)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50) (monthly additions)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60) (monthly additions)
		(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
Dec-17	9,222,677,668	33,382,127	1,530,376	74,949,196	-	438,784,743	174,641,754	43,133,750	24,754,173	15,218,118	-	-	15,218,118
Jan	22,521,913	191,572	-	-	-	5,000	16,938	1,137	1,137	200,524	-	-	200,524
Feb	39,984,029	190,217	-	-	-	5,000	72,474	13,156,649	13,156,649	141,962,430	13,155,532	-	43,884
Mar	48,273,703	594,143	-	-	-	5,000	60,637	430,421	430,421	799,071	386,938	26,103,784	22,171
Apr	55,032,865	223,817	-	-	-	5,000	17,253	8,786,110	581,716	843,679	105,436,138	36,175,259	33,149,302
May	123,826,918	129,299	19,584,758	1,947,000	-	80,000	18,211	687,981	420,170	701,225	711,485	298,021	316,633
Jun	150,159,437	18,565	106,000	9,641,161	21,224,080	100,000	19,771	562,066	8,535,382	614,707	729,092	390,579	378,065
Jul	4,051,043	-	35,000	-	18,000	100,000	23,267	260,922	387,476	345,990	93,225	51,796	22,392
Aug	3,662,511	-	88,000	-	18,000	100,000	18,258	259,612	363,825	367,208	125,010	24,657	681
Sep	30,948,506	-	37,000	-	15,000	100,000	23,797	252,489	308,420	321,919	73,336	20,202	888
Oct	8,829,690	-	36,000	-	9,000	100,000	25,867	254,326	302,616	310,929	75,766	20,349	-
Nov	14,165,647	-	35,000	59,287,359	9,000	-	16,108	257,297	306,151	310,860	66,590	14,480	-
Dec	465,669,098	-	35,000	426,000	8,000	-	15,017	277,237	66,677	332,611	69,412	13,262	-
Total	**10,189,803,028**	**34,729,740**	**21,487,134**	**146,250,715**	**21,301,080**	**439,384,743**	**174,969,351**	**68,319,997**	**49,614,813**	**162,329,270**	**120,922,525**	**63,112,389**	**49,352,658**

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

Estimated Transmission Enhancement Charges (Before True-Up) - 2018

Total Projects	Branchburg (B0130)	Kittatinny (B0134)	Essex Aldene (B0145)	New Freedom Trans.(B0411)	New Freedom Loop (B0498)	Metuchen Transformer (B0161)	Branchburg-Flagtown-Somerville (B0169)	Flagtown-Somerville-Bridgewater (B0170)	Roseland Transformers (B0274)	Wave Trap Branchburg (B0172.2)	Reconductor Hudson - South Waterfront (B0813)	Reconductor South Mahwah J-3410 Circuit (B1017)
511,849,690	**1,901,999**	**772,843**	**8,279,691**	**2,099,946**	**2,665,229**	**2,568,254**	**1,570,839**	**686,810**	**2,101,858**	**2,697**	**946,750**	**2,154,499**

Actual Transmission Enhancement Charges - 2016

Total Projects	Branchburg (B0130)	Kittatinny (B0134)	Essex Aldene (B0145)	New Freedom Trans.(B0411)	New Freedom Loop (B0498)	Metuchen Transformer (B0161)	Branchburg-Flagtown-Somerville (B0169)	Flagtown-Somerville-Bridgewater (B0170)	Roseland Transformers (B0274)	Wave Trap Branchburg (B0172.2)	Reconductor Hudson - South Waterfront (B0813)	Reconductor South Mahwah J-3410 Circuit (B1017)
549,724,505	**2,293,690**	**930,448**	**9,968,442**	**2,528,394**	**3,208,097**	**3,110,954**	**1,890,650**	**826,705**	**2,529,913**	**3,247**	**1,139,246**	**2,592,387**

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

Reconciliation by Project (without interest)

	Total Projects	Branchburg (B0130)	Kittatinny (B0134)	Essex Aldene (B0145)	New Freedom Trans.(B0411)	New Freedom Loop (B0498)	Metuchen Transformer (B0161)	Branchburg-Flagtown-Somerville (B0169)	Flagtown-Somerville-Bridgewater (B0170)	Roseland Transformers (B0274)	Wave Trap Branchburg (B0172.2)	Reconductor Hudson - South Waterfront (B0813)	Reconductor South Mahwah J-3410 Circuit (B1017)
	28,517,873	**(22,848)**	**(8,620)**	**(106,012)**	**(23,351)**	**(29,948)**	**(30,044)**	**(17,700)**	**(7,717)**	**(31,969)**	**(30)**	**(10,755)**	**(24,532)**
Interest		1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393

True Up by Project (with interest) -2016

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

Estimated Transmission Enhancement Charges (After True-Up) -2018

Total Projects	Branchburg (B0130)	Kittatinny (B0134)	Essex Aldene (B0145)	New Freedom Trans.(B0411)	New Freedom Loop (B0498)	Metuchen Transformer (B0161)	Branchburg-Flagtown-Somerville (B0169)	Flagtown-Somerville-Bridgewater (B0170)	Roseland Transformers (B0274)	Wave Trap Branchburg (B0172.2)	Reconductor Hudson - South Waterfront (B0813)	Reconductor South Mahwah J-3410 Circuit (B1017)
542,475,818	**1,877,462**	**763,586**	**8,165,842**	**2,074,869**	**2,633,067**	**2,535,989**	**1,551,830**	**678,523**	**2,067,526**	**2,664**	**935,200**	**2,128,153**

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

Estimated Additions - 2018													
(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)	(X)	(Y)	(Z)	(AA)
Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70) (monthly additions)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81) (monthly additions	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83) (monthly additions)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84) (monthly additions)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85) (monthly additions)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90) (monthly additions)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated upgrades (B2436.91) (monthly additions)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (monthly additions)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (monthly additions)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20) (monthly additions)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21) (monthly additions)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30) (monthly additions)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33) (monthly additions)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (monthly additions)
(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(CWIP)
15,218,118	30,700,815	30,700,815	44,419,189	44,419,189	29,425,776	24,754,173	26,818,736	26,818,736	15,218,118	15,218,118	17,350,419	-	704,837
200,524	14,291,067	14,291,067	321,453	321,453	23,885	1,137	-	-	200,524	200,524	117,832	-	-
43,884	264,809	264,809	255,631	255,631	29,038	1,117	-	-	43,884	43,884	208,810	13,155,532	(50,196)
71,111,339	32,666	32,666	46,245	46,245	147,489	43,483	1,100	1,100	22,171	22,171	(1,607)	386,938	-
239,947	141,110	141,110	84,275	84,275	354,519	1,159	-	-	31,610	31,610	1,789,753	580,558	-
251,153	139,928	139,928	69,727	69,727	344,120	1,223	-	-	45,975	45,975	143,322	418,947	-
221,639	17,158	17,158	13,175	13,175	5,112,642	1,328	-	-	9,958	9,958	166,226	343,014	(654,641)
237,835	4,654	4,654	4,654	4,654	212,487	1,562	-	-	868	868	179,989	49,997	-
201,868	3,652	3,652	3,652	3,652	1,993,527	1,226	-	-	681	681	122,848	105,132	-
308,736	4,760	4,760	4,760	4,760	189,367	1,598	-	-	888	888	160,123	51,137	-
310,087	3,900	3,900	3,900	3,900	190,744	1,610	-	-	-	-	153,239	51,509	-
307,603	3,946	3,946	3,946	3,946	184,830	1,628	-	-	-	-	146,887	52,111	-
329,102	3,438	3,438	3,438	3,438	192,764	1,755	-	-	-	-	140,496	56,149	-
88,981,836	**45,611,902**	**45,611,902**	**45,234,044**	**45,234,044**	**38,401,188**	**24,812,999**	**26,819,837**	**26,819,837**	**15,574,675**	**15,574,675**	**20,678,337**	**15,251,024**	**0**

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

Estimated Transmission Enhancement Charges (Before True-Up) - 2018

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

Actual Transmission Enhancement Charges - 2016

Reconductor South Mahwah K-3411 Circuit (B1018)	Branchburg 400 MVAR Capacitor (B0290)	Saddle Brook - Athenia Upgrade Cable (B0472)	Branchburg-Sommerville-Flagtown Reconductor (B0664 & B0665)	Somerville-Bridgewater Reconductor (B0668)	New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie (B0814)	Salem 500 kV breakers (B1410-B1415)	230kV Lawrence Switching Station Upgrade (B1228)	Branchburg-Middlesex Switch Rack (B1155)	Aldene-Springfield Rd. Conversion (B1399)	Upgrade Camden-Richmond 230kV Circuit (B1590)	Susquehanna Roseland Breakers (b0489.5-B0489.15)	Susquehanna Roseland < 500KV (B0489.4)	Susquehanna Roseland > 500KV (B0489)
2,691,625	**9,901,291**	**1,849,551**	**2,391,449**	**824,687**	**5,978,667**	**2,083,057**	**2,856,436**	**9,096,222**	**9,746,523**	**1,524,089**	**776,124**	**5,688,534**	**102,755,603**

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

Reconciliation by Project (without interest)

Reconductor South Mahwah K-3411 Circuit (B1018)	Branchburg 400 MVAR Capacitor (B0290)	Saddle Brook - Athenia Upgrade Cable (B0472)	Branchburg-Sommerville-Flagtown Reconductor (B0664 & B0665)	Somerville-Bridgewater Reconductor (B0668)	New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie (B0814)	Salem 500 kV breakers (B1410-B1415)	230kV Lawrence Switching Station Upgrade (B1228)	Branchburg-Middlesex Switch Rack (B1155)	Aldene-Springfield Rd. Conversion (B1399)	Upgrade Camden-Richmond 230kV Circuit (B1590)	Susquehanna Roseland Breakers (b0489.5-B0489.15)	Susquehanna Roseland < 500KV (B0489.4)	Susquehanna Roseland > 500KV (B0489)
(25,540)	**(517,088)**	**(17,589)**	**(22,732)**	**(7,964)**	**(59,384)**	**(80,284)**	**(69,701)**	**(147,778)**	**(85,367)**	**6,830**	**(7,274)**	**(53,963)**	**(1,059,483)**
1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393

True Up by Project (with interest) -2016

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

Estimated Transmission Enhancement Charges (After True-Up) -2018

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

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

Estimated Additions - 2018

(AB)	(AC)	(AD)	(AE)	(AF)	(AG)	(AH)	(AI)	(AJ)	(AK)	(AL)	(AM)	(AN)	(AO)	(AP)	(AQ)	(AR)	(AS)	(AT)		(AU)
Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21) (monthly additions)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (monthly additions)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33) (monthly additions)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34) (monthly additions)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50) (monthly additions)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60) (monthly additions)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70) (monthly additions)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81) (monthly additions	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83) (monthly additions)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90) (monthly additions)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated upgrades (B2436.91) (monthly additions)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (monthly additions)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (monthly additions)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20) (monthly additions)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21) (monthly additions)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30) (monthly additions)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33) (monthly additions)				Ridge Road 69kV Breaker Station (B1255)
(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)				(in service)
15,873,514	14,614,183	133,132,128	103,234,243	53,061,761	27,376,832	59,546,744	1,074,767	1,034,193	1,703,883	13,549	763,249	763,249	16,545	16,545	25,613,549	12,374,116		**Dec-17**	9,222,677,668	33,382,127
652,831	(1,557,054)	1,815,939	1,055,192	509,173	686,858	657,991	(1,074,767)	(1,034,193)	330,990	-	-	-	-	-	(22,742,030)	85,192		**Jan**	22,521,913	33,573,699
(11,470,385)	(10,596,791)	(134,948,067)	(10,669,451)	1,210,747	1,145,475	319,400	-	-	131,819	1,113	(58,480)	(58,480)	(1,199)	(1,199)	264,924	(12,459,152)		**Feb**	39,984,029	33,763,916
1,295,284	1,599,104	-	288,524	(22,682,892)	312,521	(60,524,135)	-	-	754,485	-	-	-	-	-	(1,558,855)	-		**Mar**	48,273,703	34,358,059
(6,351,243)	624,357	-	(93,908,509)	(32,098,788)	(29,521,685)	-	-	-	804,726	-	-	-	-	-	(1,577,588)	-		**Apr**	55,032,865	34,581,876
-	307,672	-	-	-	-	-	-	-	710,942	-	-	-	-	-	-	-		**May**	123,826,918	34,711,175
-	(4,991,470)	-	-	-	-	-	-	-	(4,436,845)	(14,662)	(704,769)	(704,769)	(15,346)	(15,346)	-	(156)		**Jun**	150,159,437	34,729,740
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		**Jul**	4,051,043	34,729,740
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		**Aug**	3,662,511	34,729,740
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		**Sep**	30,948,506	34,729,740
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		**Oct**	8,829,690	34,729,740
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		**Nov**	14,165,647	34,729,740
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		**Dec**	465,669,098	34,729,740
(0)	**(0)**	**(0)**	**0**	**0**	**(0)**	**(0)**	**0**	**(0)**	**(0)**	**0**	**0**	**0**	**(0)**	**(0)**	**0**	**(0)**		**Total**	**10,189,803,028**	**447,479,030**
																		13 Month Average CWIP to Appendix A, line 45	**783,831,002**	**34,421,464** **12.88**

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

Estimated Transmission Enhancement Charges (Before True-Up) - 2018

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

Actual Transmission Enhancement Charges - 2016

Burlington - Camden 230kV Conversion (B1156)	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)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated upgrades (B2436.91)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)
47,233,422	**60,066,502**	**48,529,997**	**74,236,857**	**49,268,709**	**14,148,115**	**1,874,846**	**1,874,846**	**47,577**	**-**	**-**	**47,577**	**47,577**	**71,227**	**71,227**	**71,227**	**71,227**	**2,252,189**	**1,874,846**	**2,363,328**	**2,363,328**

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

Reconciliation by Project (without interest)

Burlington - Camden 230kV Conversion (B1156)	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)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)	Convert the Bayway Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated upgrades (B2436.91)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)
(241,416)	**1,274,783**	**(244,661)**	**(29,570,588)**	**49,268,709**	**2,507,949**	**394,617**	**394,617**	**47,577**	**-**	**-**	**47,577**	**47,577**	**71,227**	**71,227**	**71,227**	**71,227**	**204,949**	**384,615**	**464,535**	**464,535**
1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393

True Up by Project (with interest) -2016

Burlington - Camden 230kV Conversion (B1156)	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)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)	Convert the Bayway Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated upgrades (B2436.91)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)
(259,263)	**1,369,024**	**(262,749)**	**(31,756,668)**	**52,911,022**	**2,693,356**	**423,790**	**423,790**	**51,095**	**-**	**-**	**51,095**	**51,095**	**76,493**	**76,493**	**76,493**	**76,493**	**220,101**	**423,788**	**498,877**	**498,877**

Estimated Transmission Enhancement Charges (After True -Up) - 2018

Burlington - Camden 230kV Conversion (B1156)	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)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)	Convert the Bayway Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated upgrades (B2436.91)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)
38,998,661	**51,110,727**	**40,101,459**	**40,179,324**	**52,911,022**	**22,956,222**	**7,735,244**	**5,372,283**	**16,531,590**	**10,206,715**	**5,445,790**	**4,670,033**	**8,522,224**	**5,343,312**	**5,343,312**	**5,417,062**	**5,417,062**	**4,169,761**	**3,356,217**	**3,606,828**	**3,606,828**

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

Estimated Additions - 2018													
(AV)	(AW)	(AX)	(AY)	(AZ)	(BA)	(BB)	(BC)	(BD)	(BE)	(BF)	(BG)	(BH)	(BI)
Reconfigure Kearny- Loop in P2216 Ckt (B1589)	Reconfigure Brunswick Sw-New 69kVCkt-T (B2146)	350 MVAR Reactor Hopatcong 500kV (B2702)	Mickleton-Gloucester-Camden(B1398-B1398.7)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81)	Convert the Bayway - Linden "2" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83)
(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)
1,530,376	74,949,196	-	438,784,743	174,641,754	43,133,750	24,754,173	15,218,118	-	-	15,218,118	15,218,118	30,700,815	30,700,815
1,530,376	74,949,196	-	438,789,743	174,658,692	43,134,887	24,755,311	15,418,642	-	-	15,418,642	15,418,642	44,991,882	44,991,882
1,530,376	74,949,196	-	438,794,743	174,731,166	56,291,536	37,911,960	157,381,072	13,155,532	-	15,462,526	15,462,526	45,256,691	45,256,691
1,530,376	74,949,196	-	438,799,743	174,791,803	56,721,957	38,342,381	158,180,143	13,542,470	26,103,784	15,484,696	86,573,865	45,289,358	45,289,358
1,530,376	74,949,196	-	438,804,743	174,809,056	65,508,067	38,924,097	159,023,821	118,978,608	62,279,043	48,633,998	86,813,812	45,430,467	45,430,467
21,115,134	76,896,196	-	438,884,743	174,827,266	66,196,048	39,344,267	159,725,046	119,690,093	62,577,064	48,950,631	87,064,965	45,570,395	45,570,395
21,221,134	86,537,356	21,224,080	438,984,743	174,847,038	66,758,114	47,879,648	160,339,753	120,419,185	62,967,643	49,328,697	87,286,605	45,587,553	45,587,553
21,256,134	86,537,356	21,242,080	439,084,743	174,870,305	67,019,036	48,267,125	160,685,743	120,512,411	63,019,439	49,351,089	87,524,440	45,592,207	45,592,207
21,344,134	86,537,356	21,260,080	439,184,743	174,888,562	67,278,648	48,630,949	161,052,951	120,637,420	63,044,096	49,351,770	87,726,308	45,595,858	45,595,858
21,381,134	86,537,356	21,275,080	439,284,743	174,912,360	67,531,137	48,939,370	161,374,870	120,710,757	63,064,298	49,352,658	88,035,044	45,600,618	45,600,618
21,417,134	86,537,356	21,284,080	439,384,743	174,938,226	67,785,463	49,241,985	161,685,799	120,786,523	63,084,647	49,352,658	88,345,131	45,604,518	45,604,518
21,452,134	145,824,715	21,293,080	439,384,743	174,954,334	68,042,760	49,548,136	161,996,659	120,853,113	63,099,127	49,352,658	88,652,734	45,608,464	45,608,464
21,487,134	146,250,715	21,301,080	439,384,743	174,969,351	68,319,997	49,614,813	162,329,270	120,922,525	63,112,389	49,352,658	88,981,836	45,611,902	45,611,902
178,325,947	**1,176,404,387**	**148,879,560**	**5,707,551,661**	**2,272,839,913**	**803,721,399**	**546,154,215**	**1,794,411,887**	**1,110,208,636**	**592,351,530**	**504,610,798**	**923,104,026**	**576,440,730**	**576,440,730**
13,717,381 **8.30**	**90,492,645** **8.04**	**11,452,274** **6.99**	**439,042,435** **12.99**	**174,833,839** **12.99**	**61,824,723** **11.76**	**42,011,863** **11.01**	**138,031,684** **11.05**	**85,400,664** **9.18**	**45,565,502** **9.39**	**38,816,215** **10.22**	**71,008,002** **10.37**	**44,341,595** **12.64**	**44,341,595** **12.64**

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

Estimated Transmission Enhancement Charges (Before True-Up) - 2018

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)	Upgrade Eagle Point-Gloucester 230kV Circuit (B1588)	Mickleton-Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner-Lumberton 230kV Circuit (B1787)	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)	Susquehanna Roseland < 500KV (B0489.4) (CWIP)	Susquehanna Roseland >= 500KV (B0489) (CWIP)
1,835,238	**1,835,212**	**2,226,613**	**1,479,264**	**1,368,849**	**2,193,902**	**4,116,007**	**3,664,036**	**129,905**	**1,639,441**	**10,815,286**	**1,368,726**	**-**	**-**

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Actual Transmission Enhancement Charges - 2016

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)	Upgrade Eagle Point-Gloucester 230kV Circuit (B1588)	Mickleton-Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner-Lumberton 230kV Circuit (B1787)	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)	Susquehanna Roseland < 500KV (B0489.4) (CWIP)	Susquehanna Roseland >= 500KV (B0489) (CWIP)
25,899	**27,513**	**141,823**	**-**	**1,646,241**	**2,637,556**	**556,391**	**4,451,390**	**153,181**	**-**	**-**	**-**	**-**	**-**

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

Reconciliation by 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)	Upgrade Eagle Point-Gloucester 230kV Circuit (B1588)	Mickleton-Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner-Lumberton 230kV Circuit (B1787)	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)	Susquehanna Roseland < 500KV (B0489.4) (CWIP)	Susquehanna Roseland >= 500KV (B0489) (CWIP)
25,899	**27,513**	**141,823**	**-**	**(7,964)**	**112,364**	**(2,251,480)**	**325,597**	**153,181**	**-**	**-**	**-**	**-**	**-**
1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393

True Up by Project (with interest) -2016

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)	Upgrade Eagle Point-Gloucester 230kV Circuit (B1588)	Mickleton-Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner-Lumberton 230kV Circuit (B1787)	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)	Susquehanna Roseland < 500KV (B0489.4) (CWIP)	Susquehanna Roseland >= 500KV (B0489) (CWIP)
27,813	**29,547**	**152,308**	**-**	**(8,552)**	**120,671**	**(2,417,927)**	**349,668**	**164,506**	**-**	**-**	**-**	**-**	**-**

Estimated Transmission Enhancement Charges (After True -Up)- 2018

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)	Upgrade Eagle Point-Gloucester 230kV Circuit (B1588)	Mickleton-Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner-Lumberton 230kV Circuit (B1787)	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)	Susquehanna Roseland < 500KV (B0489.4) (CWIP)	Susquehanna Roseland >= 500KV (B0489) (CWIP)
1,863,051	**1,864,759**	**2,378,921**	**1,479,264**	**1,360,297**	**2,314,572**	**1,698,080**	**4,013,704**	**294,411**	**1,639,441**	**10,815,286**	**1,368,726**	**-**	**-**

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

Estimated Additions - 2018													
(BJ)	(BK)	(BL)	(BM)	(BN)	(BO)	(BP)	(BQ)	(BR)	(BS)	(BT)	(BU)	(BV)	(BW)
Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated upgrades (B2436.91)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33)
(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(in service)	(CWIP)	(CWIP)	(CWIP)	(CWIP)
44,419,189	44,419,189	29,425,776	24,754,173	26,818,736	26,818,736	15,218,118	15,218,118	17,350,419	-	704,837	15,873,514	14,614,183	133,132,128
44,740,642	44,740,642	29,449,661	24,755,311	26,818,736	26,818,736	15,418,642	15,418,642	17,468,251	-	704,837	16,526,345	13,057,129	134,948,067
44,996,273	44,996,273	29,478,699	24,756,428	26,818,736	26,818,736	15,462,526	15,462,526	17,677,062	13,155,532	654,641	5,055,960	2,460,338	(0)
45,042,518	45,042,518	29,626,188	24,799,911	26,819,837	26,819,837	15,484,696	15,484,696	17,675,454	13,542,470	654,641	6,351,244	4,059,442	(0)
45,126,793	45,126,793	29,980,708	24,801,069	26,819,837	26,819,837	15,516,306	15,516,306	19,465,207	14,123,028	654,641	(0)	4,683,799	(0)
45,196,520	45,196,520	30,324,827	24,802,292	26,819,837	26,819,837	15,562,281	15,562,281	19,608,529	14,541,974	654,641	(0)	4,991,471	(0)
45,209,694	45,209,694	35,437,469	24,803,620	26,819,837	26,819,837	15,572,239	15,572,239	19,774,755	14,884,989	0	(0)	(0)	(0)
45,214,348	45,214,348	35,649,956	24,805,182	26,819,837	26,819,837	15,573,107	15,573,107	19,954,744	14,934,986	0	(0)	(0)	(0)
45,218,000	45,218,000	37,643,482	24,806,408	26,819,837	26,819,837	15,573,788	15,573,788	20,077,592	15,040,118	0	(0)	(0)	(0)
45,222,759	45,222,759	37,832,849	24,808,006	26,819,837	26,819,837	15,574,675	15,574,675	20,237,715	15,091,255	0	(0)	(0)	(0)
45,226,660	45,226,660	38,023,594	24,809,616	26,819,837	26,819,837	15,574,675	15,574,675	20,390,954	15,142,764	0	(0)	(0)	(0)
45,230,605	45,230,605	38,208,424	24,811,244	26,819,837	26,819,837	15,574,675	15,574,675	20,537,842	15,194,875	0	(0)	(0)	(0)
45,234,044	45,234,044	38,401,188	24,812,999	26,819,837	26,819,837	15,574,675	15,574,675	20,678,337	15,251,024	0	(0)	(0)	(0)
586,078,044	**586,078,044**	**439,482,822**	**322,326,260**	**348,654,574**	**348,654,574**	**201,680,405**	**201,680,405**	**250,896,862**	**160,903,014**	**4,028,239**	**43,807,061**	**43,866,358**	**268,080,194**
45,082,926	**45,082,926**	**33,806,371**	**24,794,328**	**26,819,583**	**26,819,583**	**15,513,877**	**15,513,877**	**19,299,759**	**12,377,155**				
12.96	**12.96**	**11.44**	**12.99**	**13.00**	**13.00**	**12.95**	**12.95**	**12.13**	**10.55**	**13.00**	**13.00**	**13.00**	**13.00**
										309,865	**3,369,774**	**3,374,335**	**20,621,553**

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

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

							Actual Transmission Enhancement Charges - 2016						
North Central Reliability (West Orange Conversion) (B1154) (CWIP)	Mickleton-Gloucester-Camden (B1398-B1398.7) (CWIP)	Mickleton-Gloucester-Camden Breakers (B1398.15-B1398.19) (CWIP)	Burlington - Camden 230kV Conversion (B1156) (CWIP)	Burlington - Camden 230kV Conversion (B1156.13-B1156.20) (CWIP)	Northeast Grid Reliability Project (B1304.1-B1304.4) (CWIP)	Northeast Grid Reliability Project (B1304.5-B1304.21) (CWIP)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (CWIP)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21) (CWIP)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (CWIP)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33) (CWIP)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34) (CWIP)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50) (CWIP)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60) (CWIP)
-	-	-	-	-	**11,982,038**	**4,104,014**	**5,126,158**	**857,240**	**921,870**	**3,473,891**	**1,695,242**	**1,011,439**	**749,927**

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

Reconciliation by Project (without interest)

North Central Reliability (West Orange Conversion) (B1154) (CWIP)	Mickleton-Gloucester-Camden (B1398-B1398.7) (CWIP)	Mickleton-Gloucester-Camden Breakers (B1398.15-B1398.19) (CWIP)	Burlington - Camden 230kV Conversion (B1156) (CWIP)	Burlington - Camden 230kV Conversion (B1156.13-B1156.20) (CWIP)	Northeast Grid Reliability Project (B1304.1-B1304.4) (CWIP)	Northeast Grid Reliability Project (B1304.5-B1304.21) (CWIP)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (CWIP)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21) (CWIP)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (CWIP)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33) (CWIP)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34) (CWIP)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50) (CWIP)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60) (CWIP)
-	-	-	-	-	**3,522,083**	**3,748,178**	**(700,564)**	**(569,315)**	**(143,008)**	**586,708**	**59,227**	**(538,073)**	**(257,986)**
1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393

True Up by Project (with interest) -2016

North Central Reliability (West Orange Conversion) (B1154) (CWIP)	Mickleton-Gloucester-Camden (B1398-B1398.7) (CWIP)	Mickleton-Gloucester-Camden Breakers (B1398.15-B1398.19) (CWIP)	Burlington - Camden 230kV Conversion (B1156) (CWIP)	Burlington - Camden 230kV Conversion (B1156.13-B1156.20) (CWIP)	Northeast Grid Reliability Project (B1304.1-B1304.4) (CWIP)	Northeast Grid Reliability Project (B1304.5-B1304.21) (CWIP)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (CWIP)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21) (CWIP)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (CWIP)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33) (CWIP)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34) (CWIP)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50) (CWIP)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60) (CWIP)
-	-	-	-	-	**3,782,462**	**4,025,272**	**(752,355)**	**(611,403)**	**(153,580)**	**630,082**	**63,605**	**(577,852)**	**(277,058)**

Estimated Transmission Enhancement Charges (After True-Up) - 2018

North Central Reliability (West Orange Conversion) (B1154) (CWIP)	Mickleton-Gloucester-Camden (B1398-B1398.7) (CWIP)	Mickleton-Gloucester-Camden Breakers (B1398.15-B1398.19) (CWIP)	Burlington - Camden 230kV Conversion (B1156) (CWIP)	Burlington - Camden 230kV Conversion (B1156.13-B1156.20) (CWIP)	Northeast Grid Reliability Project (B1304.1-B1304.4) (CWIP)	Northeast Grid Reliability Project (B1304.5-B1304.21) (CWIP)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (CWIP)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21) (CWIP)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (CWIP)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33) (CWIP)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34) (CWIP)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50) (CWIP)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60) (CWIP)
-	-	-	-	-	**3,782,462**	**4,025,272**	**(721,012)**	**(288,547)**	**266,261**	**2,606,787**	**2,972,515**	**847,562**	**564,655**

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

(BX)	(BY)	(BZ)	(CA)	(CB)	(CC)	(CD)	(CE)	(CF)	(CG)	(CH)	(CI)	(CJ)	(CK)
Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50)	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated upgrades (B2436.91)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (monthly additions)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (monthly additions)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20) (monthly additions)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21) (monthly additions)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30) (monthly additions)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33) (monthly additions)
(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)	(CWIP)
103,234,243	53,061,761	27,376,832	59,546,744	1,074,767	1,034,193	1,703,883	13,549	763,249	763,249	16,545	16,545	25,613,549	12,374,116
104,289,435	53,570,934	28,063,690	60,204,735	0	(0)	2,034,872	13,549	763,249	763,249	16,545	16,545	2,871,520	12,459,308
93,619,985	54,781,681	29,209,165	60,524,134	0	(0)	2,166,691	14,662	704,769	704,769	15,346	15,346	3,136,443	156
93,908,509	32,098,788	29,521,686	(0)	0	(0)	2,921,177	14,662	704,769	704,769	15,346	15,346	1,577,588	156
0	0	(0)	(0)	0	(0)	3,725,903	14,662	704,769	704,769	15,346	15,346	0	156
0	0	(0)	(0)	0	(0)	4,436,845	14,662	704,769	704,769	15,346	15,346	0	156
0	0	(0)	(0)	0	(0)	(0)	0	0	0	(0)	(0)	0	(0)
0	0	(0)	(0)	0	(0)	(0)	0	0	0	(0)	(0)	0	(0)
0	0	(0)	(0)	0	(0)	(0)	0	0	0	(0)	(0)	0	(0)
0	0	(0)	(0)	0	(0)	(0)	0	0	0	(0)	(0)	0	(0)
0	0	(0)	(0)	0	(0)	(0)	0	0	0	(0)	(0)	0	(0)
0	0	(0)	(0)	0	(0)	(0)	0	0	0	(0)	(0)	0	(0)
0	0	(0)	(0)	0	(0)	(0)	0	0	0	(0)	(0)	0	(0)
395,052,176	**193,513,166**	**114,171,370**	**180,275,609**	**1,074,771**	**1,034,189**	**16,989,371**	**85,746**	**4,345,571**	**4,345,571**	**94,474**	**94,474**	**33,199,102**	**24,834,045**
13.00	**13.00**	**13.00**	**13.00**	**13.00**	**13.00**	**13.00**	**13.00**	**13.00**	**13.00**	**13.00**	**13.00**	**13.00**	**13.00**
30,388,629	**14,885,628**	**8,782,413**	**13,867,355**	**82,675**	**79,553**	**1,306,875**	**6,596**	**334,275**	**334,275**	**7,267**	**7,267**	**2,553,777**	**1,910,311**

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

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Estimated Transmission Enhancement Charges (Before True-Up) - 2018

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

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Actual Transmission Enhancement Charges - 2016

Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70) (CWIP)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81) (CWIP)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83) (CWIP)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84) (CWIP)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85) (CWIP)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90) (CWIP)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated upgrades (B2436.91) (CWIP)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (CWIP)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (CWIP)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20) (CWIP)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21) (CWIP)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30) (CWIP)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33) (CWIP)
2,311,095	**1,295,020**	**1,295,020**	**1,342,797**	**1,342,797**	**868,195**	**704,952**	**908,856**	**915,296**	**597,380**	**597,124**	**2,125,894**	**157,609**

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

Reconciliation by Project (without interest)

Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70) (CWIP)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81) (CWIP)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83) (CWIP)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84) (CWIP)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85) (CWIP)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90) (CWIP)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated upgrades (B2436.91) (CWIP)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (CWIP)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (CWIP)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20) (CWIP)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21) (CWIP)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30) (CWIP)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33) (CWIP)
517,581	**175,506**	**175,506**	**66,363**	**66,363**	**(213,626)**	**(158,798)**	**(417,851)**	**(408,383)**	**(41,915)**	**(42,254)**	**1,274,130**	**11,628**
1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393	1.07393

True Up by Project (with interest) -2016

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

Estimated Transmission Enhancement Charges (After True -Up) - 2018

Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70) (CWIP)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81) (CWIP)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83) (CWIP)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84) (CWIP)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85) (CWIP)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90) (CWIP)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated upgrades (B2436.91) (CWIP)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (CWIP)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (CWIP)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20) (CWIP)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21) (CWIP)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30) (CWIP)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33) (CWIP)
1,884,236	**196,527**	**196,218**	**71,269**	**71,269**	**(93,344)**	**(169,836)**	**(414,998)**	**(404,830)**	**(44,279)**	**(44,643)**	**1,528,485**	**195,743**

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

1 New Plant Carrying Charge

2 **Fixed Charge Rate (FCR) if if not a CIAC**

		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%

6 **FCR if a CIAC**

7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
8 Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project 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**
13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.

10	Details		Branchburg (B0130)			Kittatinny (B0134)			Essex Aldene (B0145)			New Freedom Trans (B0411)		
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No" Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project Life		42			42			42			42		
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No" CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROE Increased ROE (Basis Points)		0			0			0			0		
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13 11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100 FCR for This Project		9.57%			9.57%			9.57%			9.57%		
17	Service Account 101 or 106 if not yet classified - End of year balance Investment		20,645,602			8,069,022			86,467,721			22,188,863		
18	Annual Depreciation or Amort Exp Line 17 divided by line 12		491,562			192,120			2,058,755			528,306		
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)		13.00			13.00			13.00			13.00		
20			2006			2007			2007			2007		
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	20,680,597	492,395	4,652,471									
23	W Increased ROE	2006	20,680,597	492,395	4,652,471									
24	W 11.68 % 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
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	2011	18,218,621	492,395	3,746,858	7,412,613	192,120	1,516,263	79,523,584	2,061,086	16,266,692	20,119,663	528,306	4,122,360
33	W Increased ROE	2011	18,218,621	492,395	3,746,858	7,412,613	192,120	1,516,263	79,523,584	2,061,086	16,266,692	20,119,663	528,306	4,122,360
34	W 11.68 % ROE	2012	17,726,226	492,395	3,154,416	7,220,494	192,120	1,276,451	77,462,497	2,061,086	13,693,952	19,591,357	528,306	3,470,422
35	W Increased ROE	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
36	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
38	W 11.68 % ROE	2014	16,741,436	492,395	2,555,172	6,836,255	192,120	1,034,441	73,340,324	2,061,086	11,097,629	18,534,745	528,306	2,812,043
39	W Increased ROE	2014	16,741,436	492,395	2,555,172	6,836,255	192,120	1,034,441	73,340,324	2,061,086	11,097,629	18,534,745	528,306	2,812,043
40	W 11.68 % ROE	2015	16,249,041	492,395	2,397,208	6,644,135	192,120	970,986	71,279,238	2,061,086	10,416,881	18,006,439	528,306	2,639,133
41	W Increased ROE	2015	16,249,041	492,395	2,397,208	6,644,135	192,120	970,986	71,279,238	2,061,086	10,416,881	18,006,439	528,306	2,639,133
42	W 11.68 % ROE	2016	15,743,650	492,086	2,293,690	6,452,016	192,120	930,448	69,120,244	2,058,755	9,968,442	17,478,132	528,306	2,528,394
43	W Increased ROE	2016	15,743,650	492,086	2,293,690	6,452,016	192,120	930,448	69,120,244	2,058,755	9,968,442	17,478,132	528,306	2,528,394
44	W 11.68 % ROE	2017	15,264,250	492,395	2,176,785	6,259,896	192,120	882,891	67,157,065	2,061,086	9,471,779	16,949,826	528,306	2,398,697
45	W Increased ROE	2017	15,264,250	492,395	2,176,785	6,259,896	192,120	882,891	67,157,065	2,061,086	9,471,779	16,949,826	528,306	2,398,697
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

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

1 New Plant Carrying Charge

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5	C		Line B less Line A	0.57%

6 **FCR if a CIAC**

7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
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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			**New Freedom Loop (B0498)**			**Metuchen Transformer (B0161)**			**Branchburg-Flagtown-Somerville (B0169)**			**Flagtown-Somerville-Bridgewater (B0170)**		
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROE	Increased ROE (Basis Points)		0			0			0			0		
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment		27,005,248			25,654,455			15,731,554			6,961,495		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		642,982			610,820			374,561			165,750		
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)			13.00			13.00			13.00			13.00		
20				2008			2009			2009			2008		
21			**Invest Yr**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**
22		W 11.68 % ROE	2006												
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008	24,921,237	88,646	837,584							6,961,495	25,372	239,734
27		W Increased ROE	2008	24,921,237	88,646	837,584							6,961,495	25,372	239,734
28		W 11.68 % ROE	2009	26,916,602	642,982	6,292,837	19,700,217	288,478	2,831,673	15,773,880	234,561	2,302,423	6,936,122	165,750	1,621,657
29		W Increased ROE	2009	26,916,602	642,982	6,292,837	19,700,217	288,478	2,831,673	15,773,880	234,561	2,302,423	6,936,122	165,750	1,621,657
30		W 11.68 % ROE	2010	26,273,620	642,982	5,703,044	25,488,527	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	24,987,652	642,982	4,395,482	24,282,576	614,263	4,260,879	14,746,864	374,561	2,589,159	6,438,873	165,750	1,132,702
35		W Increased ROE	2012	24,987,652	642,982	4,395,482	24,282,576	614,263	4,260,879	14,746,864	374,561	2,589,159	6,438,873	165,750	1,132,702
36		W 11.68 % ROE	2013	24,344,669	642,982	4,025,278	23,668,312	614,263	3,902,590	14,372,303	374,561	2,371,359	6,273,123	165,750	1,037,298
37		W Increased ROE	2013	24,344,669	642,982	4,025,278	23,668,312	614,263	3,902,590	14,372,303	374,561	2,371,359	6,273,123	165,750	1,037,298
38		W 11.68 % ROE	2014	23,701,687	642,982	3,563,358	23,054,049	614,263	3,454,841	13,997,743	374,561	2,099,276	6,107,373	165,750	918,263
39		W Increased ROE	2014	23,701,687	642,982	3,563,358	23,054,049	614,263	3,454,841	13,997,743	374,561	2,099,276	6,107,373	165,750	918,263
40		W 11.68 % ROE	2015	23,058,705	642,982	3,346,067	22,439,786	614,263	3,244,794	13,623,182	374,561	1,971,555	5,941,623	165,750	862,264
41		W Increased ROE	2015	23,058,705	642,982	3,346,067	22,439,786	614,263	3,244,794	13,623,182	374,561	1,971,555	5,941,623	165,750	862,264
42		W 11.68 % ROE	2016	22,415,723	642,982	3,208,097	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	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	2017	21,772,741	642,982	3,045,575	21,211,259	614,263	2,954,897	12,874,060	374,561	1,795,196	5,610,124	165,750	784,820
45		W Increased ROE	2017	21,772,741	642,982	3,045,575	21,211,259	614,263	2,954,897	12,874,060	374,561	1,795,196	5,610,124	165,750	784,820
46		W 11.68 % ROE	2018	21,129,759	642,982	2,665,229	20,452,549	610,820	2,568,254	12,499,499	374,561	1,570,839	5,444,374	165,750	686,810
47		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

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

1 New Plant Carrying Charge

2 **Fixed Charge Rate (FCR) if if not a CIAC**

		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%
6	**FCR if a CIAC**			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

8 The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%,
which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.

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.

	Details		Roseland Transformers (B0274)	Wave Trap Branchburg (B0172.2)	Reconductor Hudson - South Waterfront (B0813)	Reconductor South Mahwah 3-3410 Circuit (B1017)
10						
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No" Schedule 12	(Yes or No)	Yes	Yes	Yes	Yes
12	Useful life of the project Life		42	42	42	42
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No" CIAC	(Yes or No)	No	No	No	No
14	Input the allowed increase in ROE Increased ROE (Basis Points)		0	0	0	0
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13 11.68% ROE		9.57%	9.57%	9.57%	9.57%
16	Line 14 plus (line 5 times line 15)/100 FCR for This Project		9.57%	9.57%	9.57%	9.57%
17	Service Account 101 or 106 if not yet classified - End of year balance Investment		21,014,433	27,988	9,158,918	20,626,991
18	Line 17 divided by line 12 Annual Depreciation or Amort Exp		500,344	666	218,069	491,119
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)		13.00	13.00	13.00	13.00
20			2009	2008	2010	2011

21		Invest Yr	Roseland Transformers (B0274) Ending	Depreciation or Amortization	Revenue	Wave Trap Branchburg (B0172.2) Ending	Depreciation or Amortization	Revenue	Reconductor Hudson - South Waterfront (B0813) Ending	Depreciation or Amortization	Revenue	Reconductor South Mahwah 3-3410 Circuit (B1017) Ending	Depreciation or Amortization	Revenue
22	W 11.68 % ROE	2006												
23	W Increased ROE	2006												
24	W 11.68 % ROE	2007												
25	W Increased ROE	2007												
26	W 11.68 % ROE	2008				36,369	577	5,114						
27	W Increased ROE	2008				36,369	577	5,114						
28	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						
30	W 11.68 % ROE	2010	20,797,967	501,579	4,507,079	27,122	666	5,890	8,806,222	18,700	169,959			
31	W Increased ROE	2010	20,797,967	501,579	4,507,079	27,122	666	5,890	8,806,222	18,700	169,959			
32	W 11.68 % ROE	2011	20,302,520	501,725	4,128,443	25,878	666	5,289	9,140,218	218,069	1,850,822	20,623,951	300,198	2,435,793
33	W Increased ROE	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
36	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
38	W 11.68 % ROE	2014	18,798,545	501,755	2,817,996	23,880	666	3,609	8,486,010	218,069	1,263,663	19,344,555	491,119	2,874,636
39	W Increased ROE	2014	18,798,545	501,755	2,817,996	23,880	666	3,609	8,486,010	218,069	1,263,663	19,344,555	491,119	2,874,636
40	W 11.68 % ROE	2015	18,296,790	501,755	2,646,618	23,213	666	3,388	8,267,940	218,069	1,187,289	18,853,437	491,119	2,701,236
41	W Increased ROE	2015	18,296,790	501,755	2,646,618	23,213	666	3,388	8,267,940	218,069	1,187,289	18,853,437	491,119	2,701,236
42	W 11.68 % ROE	2016	17,735,762	500,344	2,529,913	22,547	666	3,247	8,049,871	218,069	1,139,246	18,362,318	491,119	2,592,387
43	W Increased ROE	2016	17,735,762	500,344	2,529,913	22,547	666	3,247	8,049,871	218,069	1,139,246	18,362,318	491,119	2,592,387
44	W 11.68 % ROE	2017	17,293,281	501,755	2,410,045	21,880	666	3,081	7,831,801	218,069	1,082,298	17,871,199	491,119	2,463,182
45	W Increased ROE	2017	17,293,281	501,755	2,410,045	21,880	666	3,081	7,831,801	218,069	1,082,298	17,871,199	491,119	2,463,182
46	W 11.68 % 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
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

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

1 New Plant Carrying Charge

2 **Fixed Charge Rate (FCR) if if not a CIAC**

		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%

6 **FCR if a CIAC**

7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

8 The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%,
which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.

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			Reconductor South Mahwah K-3411 Circuit (B1018)			Branchburg 400 MVAR Capacitor (B0290)			Saddle Brook - Athenia Upgrade Cable (B0472)			Branchburg-Sommerville-Flagtown Reconductor (B0664 & B0665)		
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the proiect	Life		42			42			42			42		
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROE	Increased ROE (Basis Points)		0			0			0			0		
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment		21,170,273			77,352,830			14,404,842			18,664,931		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		504,054			1,841,734			342,972			444,403		
19	Months in service for depreciation expense from			13.00			13.00			13.00			13.00		
20	Year placed in Service (0 if 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												
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
28		W 11.68 % ROE	2009												
29		W Increased ROE	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE	2010												
32		W 11.68 % ROE	2011	20,511,158	37,566	284,735									
33		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		W Increased ROE	2013	20,628,652	504,054	3,370,070	79,195,082	1,915,127	12,917,996	14,194,429	342,972	2,315,058	18,294,505	443,163	2,984,887
38		W 11.68 % ROE	2014	20,124,598	504,054	2,983,683	77,279,955	1,915,127	11,437,086	13,851,457	342,972	2,049,664	17,903,425	444,403	2,650,353
39		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	2,557,912	71,534,576	1,915,127	9,808,871	12,822,540	342,972	1,757,923	16,570,216	444,403	2,272,904
45		W Increased ROE	2017	18,612,436	504,054	2,557,912	71,534,576	1,915,127	9,808,871	12,822,540	342,972	1,757,923	16,570,216	444,403	2,272,904
46		W 11.68 % ROE	2018	18,108,382	504,054	2,237,137	66,609,121	1,841,734	8,216,634	12,479,567	342,972	1,537,343	16,125,813	444,403	1,987,742
47		W Increased ROE	2018	18,108,382	504,054	2,237,137	66,609,121	1,841,734	8,216,634	12,479,567	342,972	1,537,343	16,125,813	444,403	1,987,742

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

1	New Plant Carrying Charge			
2	**Fixed Charge Rate (FCR) if if not a CIAC**			
		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%
6	**FCR if a CIAC**			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
8 Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project 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
13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.

10	Details		Somerville-Bridgewater Reconductor (B0668)			New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie (B0814)			Salem 500 kV breakers (B1410-B1415)			230kV Lawrence Switching Station Upgrade (B1228)		
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12 (Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life	42			42			42			42		
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC (Yes or No)	No			No			No			No		
14	Input the allowed increase in ROE	Increased ROE (Basis Points)	0			0			0			0		
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE	9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project	9.57%			9.57%			9.57%			9.57%		
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment	6,390,403			46,035,637			15,865,267			21,736,918		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp	152,152			1,096,087			377,744			517,546		
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)		13.00			13.00			13.00			13.00		
20			2012			2012			2011			2013		
21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22	W 11.68 % ROE	2006												
23	W Increased ROE	2006												
24	W 11.68 % ROE	2007												
25	W Increased ROE	2007												
26	W 11.68 % ROE	2008												
27	W Increased ROE	2008												
28	W 11.68 % ROE	2009												
29	W Increased ROE	2009												
30	W 11.68 % ROE	2010												
31	W Increased ROE	2010												
32	W 11.68 % ROE	2011							2,640,253	9,537	73,000			
33	W Increased ROE	2011							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	2012	4,404,012	57,853	422,751	22,800,866	123,008	898,857	7,275,941	108,279	790,336			
36	W 11.68 % ROE	2013	6,291,725	151,180	1,025,313	45,385,800	1,083,543	7,389,162	9,926,683	192,972	1,305,797	22,127,065	248,542	1,698,840
37	W Increased ROE	2013	6,291,725	151,180	1,025,313	45,385,800	1,083,543	7,389,162	9,926,683	192,972	1,305,797	22,127,065	248,542	1,698,840
38	W 11.68 % ROE	2014	6,181,332	152,152	913,777	44,747,660	1,094,148	6,607,679	15,445,872	289,093	1,755,636	21,792,104	524,777	3,209,866
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	2016	5,877,066	152,152	824,687	42,662,264	1,096,665	5,978,667	14,899,633	378,036	2,083,057	20,438,822	517,546	2,856,436
44	W 11.68 % ROE	2017	5,724,913	152,152	783,889	41,578,581	1,096,982	5,685,123	14,510,533	378,022	1,979,240	20,217,772	524,777	2,755,781
45	W Increased ROE	2017	5,724,913	152,152	783,889	41,578,581	1,096,982	5,685,123	14,510,533	378,022	1,979,240	20,217,772	524,777	2,755,781
46	W 11.68 % ROE	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
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

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

1 New Plant Carrying Charge

2 **Fixed Charge Rate (FCR) if if not a CIAC**

		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%
6	**FCR if a CIAC**			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

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Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%,
which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.

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

10	Details			Branchburg-Middlesex Switch Rack (B1155)			Aldene-Springfield Rd. Conversion (B1399)			Upgrade Camden-Richmond 230kV Circuit (B1590)			Susquehanna Roseland Breakers (b0489.5-B0489.15)		
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROE	Increased ROE (Basis Points)		0			0			0			125		
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.57%			9.57%			9.57%			10.28%		
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment		62,937,256			72,380,453			11,276,183			5,857,687		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		1,498,506			1,723,344			268,481			139,469		
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)			13.00			13.00			13.00			13.00		
20				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												
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
28		W 11.68 % ROE	2009												
29		W Increased ROE	2009												
30		W 11.68 % ROE	2010										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		W Increased ROE	2011										5,849,885	116,061	1,014,845
34		W 11.68 % ROE	2012										5,733,823	139,469	1,000,541
35		W Increased ROE	2012										5,733,823	139,469	1,051,531
36		W 11.68 % ROE	2013	20,876,286	101,812	695,908							5,594,354	139,469	916,713
37		W Increased ROE	2013	20,876,286	101,812	695,908							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	2015	61,346,085	1,497,329	8,688,697	71,213,315	1,708,815	10,056,881	11,126,578	265,823	1,570,150	5,315,417	139,469	808,174
42		W 11.68 % ROE	2016	65,275,261	1,626,531	9,096,222	70,112,484	1,723,291	9,746,523	10,972,368	268,481	1,524,089	5,175,948	139,469	731,772
43		W Increased ROE	2016	65,275,261	1,626,531	9,096,222	70,112,484	1,723,291	9,746,523	10,972,368	268,481	1,524,089	5,175,948	139,469	776,124
44		W 11.68 % ROE	2017	63,648,517	1,626,495	8,650,024	68,474,262	1,724,855	9,280,898	10,705,213	268,300	1,449,606	5,036,479	139,469	695,238
45		W Increased ROE	2017	63,648,517	1,626,495	8,650,024	68,474,262	1,724,855	9,280,898	10,705,213	268,300	1,449,606	5,036,479	139,469	737,976
46		W 11.68 % 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	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

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

1	New Plant Carrying Charge			
2	**Fixed Charge Rate (FCR) if if not a CIAC**			
		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%
6	**FCR if a CIAC**			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%
8			The FCR resulting from Formula in a given year is used for that year only. Therefore actual revenues collected in a year do not change based on cost data for subsequent years. Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.	
9			For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is the 13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.	

10		Details		Susquehanna Roseland < 500KV (B0489.4)			Susquehanna Roseland > 500KV (B0489)			Burlington - Camden 230kV Conversion (B1156)			Mickleton-Gloucester-Camden(B1398-B1398.7)		
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROE	Increased ROE (Basis Points)		125			125			0			0		
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		10.28%			10.28%			9.57%			9.57%		
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment		40,538,248			720,620,844			356,333,540			439,384,743		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		965,196			17,157,639			8,484,132			10,461,542		
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)			13.00			13.00			13.00			12.99		
20				2011			2012			2011			2013		
21			**Invest Yr**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**
22		W 11.68 % ROE	2006												
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
28		W 11.68 % ROE	2009												
29		W Increased ROE	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE	2010												
32		W 11.68 % ROE	2011	7,844,331	111,778	905,525				19,902,939	147,204	1,150,144			
33		W Increased ROE	2011	7,844,331	111,778	952,449				19,902,939	147,204	1,150,144			
34		W 11.68 % ROE	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	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	2013	6,391,895	159,242	1,104,801	25,426,870	605,606	4,367,027	118,115,741	2,827,106	19,237,368	777,714	1,424	9,736
38		W 11.68 % ROE	2014	40,082,737	717,210	4,387,056	666,963,000	10,160,548	62,692,814	333,325,376	6,107,990	37,392,933	83,696,796	854,944	5,279,191
39		W Increased ROE	2014	40,082,737	717,210	4,647,913	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	5,096,113	678,154,289	17,211,186	92,044,606	330,265,484	8,488,706	44,933,061	421,661,646	10,462,931	56,992,730
45		W Increased ROE	2017	37,435,134	965,196	5,413,780	678,154,289	17,211,186	97,799,286	330,265,484	8,488,706	44,933,061	421,661,646	10,462,931	56,992,730
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
47		W Increased ROE	2018	36,469,937	965,196	4,713,850	658,706,710	17,157,639	84,864,454	321,544,683	8,484,132	39,257,924	410,830,010	10,453,391	49,741,703

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

1 New Plant Carrying Charge

2 **Fixed Charge Rate (FCR) if if not a CIAC**

		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%
6	**FCR if a CIAC**			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

8 The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%,
which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.

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.

				North Central Reliability (West Orange Conversion (B1154)			Northeast Grid Reliability Project (B1304.1-B1304.4)			Northeast Grid Reliability Project (B1304.5-B1304.21)			Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)		
10	Details														
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROE	Increased ROE (Basis Points)		0			25			25			0		
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.57%			9.71%			9.71%			9.57%		
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment		370,006,995			625,390,228			-			174,969,351		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		8,809,690			14,890,244			-			4,165,937		
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)			13.00			13.00						12.99		
20				2012			2013			2016			2016		
21			Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22		W 11.68 % ROE	2006												
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
28		W 11.68 % ROE	2009												
29		W Increased ROE	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE	2010												
32		W 11.68 % ROE	2011												
33		W Increased ROE	2011												
34		W 11.68 % ROE	2012	16,441,748	30,113	220,046									
35		W Increased ROE	2012	16,441,748	30,113	220,046									
36		W 11.68 % ROE	2013	257,640,264	6,135,009	41,929,935	23,466,022	86,647	592,253						
37		W Increased ROE	2013	257,640,264	6,135,009	41,929,935	23,466,022	86,647	598,801						
38		W 11.68 % ROE	2014	360,673,484	7,742,354	47,135,528	274,113,325	2,382,627	14,708,781						
39		W Increased ROE	2014	360,673,484	7,742,354	47,135,528	274,113,325	2,382,627	14,884,013						
40		W 11.68 % ROE	2015	355,885,266	8,777,921	50,370,637	433,597,024	7,852,675	46,296,391				-	-	-
41		W Increased ROE	2015	355,885,266	8,777,921	50,370,637	433,597,024	7,852,675	46,859,053				-	-	-
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	338,731,158	8,813,920	46,192,451	597,948,245	14,904,549	80,887,339	351,791,077	8,375,978	47,195,653	173,780,513	4,177,297	23,318,838
45		W Increased ROE	2017	338,731,158	8,813,920	46,192,451	597,948,245	14,904,549	81,902,152	351,791,077	8,375,978	47,792,699	173,780,513	4,177,297	23,318,838
46		W 11.68 % ROE	2018	329,702,206	8,809,690	40,364,207	587,359,389	14,890,244	71,104,128	-	-	-	168,355,336	4,162,710	20,262,866
47		W Increased ROE	2018	329,702,206	8,809,690	40,364,207	587,359,389	14,890,244	71,935,992	-	-	-	168,355,336	4,162,710	20,262,866

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

1 New Plant Carrying Charge

2 **Fixed Charge Rate (FCR) if if not a CIAC**

		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%

6 **FCR if a CIAC**

7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

8 The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%,
which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.

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			**Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21)**			**Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22)**			**Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33)**			**Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34)**		
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)		Yes			Yes			Yes			Yes		
12	Useful life of the project	Life			42			42			42			42		
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)		No			No			No			No		
14	Input the allowed increase in ROE	Increased ROE (Basis Points)			0			0			0			0		
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE			9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project			9.57%			9.57%			9.57%			9.57%		
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment			68,319,997			49,614,813			162,329,270			120,922,525		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp			1,626,667			1,181,305			3,864,983			2,879,108		
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)				11.76			11.01			11.05			9.18		
20					2016			2016			2015			2018		
21			**Invest Yr**		**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**
22		W 11.68 % ROE	2006													
23		W Increased ROE	2006													
24		W 11.68 % ROE	2007													
25		W Increased ROE	2007													
26		W 11.68 % ROE	2008													
27		W Increased ROE	2008													
28		W 11.68 % ROE	2009													
29		W Increased ROE	2009													
30		W 11.68 % ROE	2010													
31		W Increased ROE	2010													
32		W 11.68 % ROE	2011													
33		W Increased ROE	2011													
34		W 11.68 % ROE	2012													
35		W Increased ROE	2012													
36		W 11.68 % ROE	2013													
37		W Increased ROE	2013													
38		W 11.68 % ROE	2014													
39		W Increased ROE	2014													
40		W 11.68 % ROE	2015								225,037	412	2,441			
41		W Increased ROE	2015								225,037	412	2,441			
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			
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			
44		W 11.68 % ROE	2017		24,121,486	572,715	3,199,550	24,121,486	572,715	3,199,550	15,071,025	193,511	1,090,341			
45		W Increased ROE	2017		24,121,486	572,715	3,199,550	24,121,486	572,715	3,199,550	15,071,025	193,511	1,090,341			
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

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

1 New Plant Carrying Charge

2 **Fixed Charge Rate (FCR) if if not a CIAC**

		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%

6 **FCR if a CIAC**

7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

8 The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%,
which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.

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			**Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50)**			**Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60)**			**Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70)**			**Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81)**		
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROE	Increased ROE (Basis Points)		0			0			0			0		
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment		63,112,389			49,352,658			88,981,836			45,611,902		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		1,502,676			1,175,063			2,118,615			1,085,998		
19	Months in service for depreciation expense from			9.39			10.22			10.37			12.64		
20	Year placed in Service (0 if CWIP)			2018			2015			2015			2015		
21			**Invest Yr**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**
22		W 11.68 % ROE	2006												
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
28		W 11.68 % ROE	2009												
29		W Increased ROE	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE	2010												
32		W 11.68 % ROE	2011												
33		W Increased ROE	2011												
34		W 11.68 % ROE	2012												
35		W Increased ROE	2012												
36		W 11.68 % ROE	2013												
37		W Increased ROE	2013												
38		W 11.68 % ROE	2014												
39		W Increased ROE	2014												
40		W 11.68 % ROE	2015				225,037	412	2,441	225,037	412	2,441	225,037	412	2,441
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				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				48,229,026	259,831	1,464,046	15,071,025	193,511	1,090,341	24,740,340	338,724	1,908,566
45		W Increased ROE	2017				48,229,026	259,831	1,464,046	15,071,025	193,511	1,090,341	24,740,340	338,724	1,908,566
46		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
47		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

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

1 New Plant Carrying Charge

2 **Fixed Charge Rate (FCR) if if not a CIAC**

		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%

6 **FCR if a CIAC**

7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

8 The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%,
which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.

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.

				Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83)			Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)			Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85)			Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)		
10		Details													
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROE	Increased ROE (Basis Points)		0			0			0			0		
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment		45,611,902			45,234,044			45,234,044			38,401,188		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		1,085,998			1,077,001			1,077,001			914,314		
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)			12.64			12.96			12.96			11.44		
20				2015			2015			2015			2016		
21			Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22		W 11.68 % ROE	2006												
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
28		W 11.68 % ROE	2009												
29		W Increased ROE	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE	2010												
32		W 11.68 % ROE	2011												
33		W Increased ROE	2011												
34		W 11.68 % ROE	2012												
35		W Increased ROE	2012												
36		W 11.68 % ROE	2013												
37		W Increased ROE	2013												
38		W 11.68 % ROE	2014												
39		W Increased ROE	2014												
40		W 11.68 % ROE	2015	225,037	412	2,441	225,037	412	2,441	225,037	412	2,441			
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	24,740,340	338,724	1,908,566	36,209,684	485,767	2,737,100	36,209,684	485,767	2,737,100	28,907,314	688,967	3,843,966
45		W Increased ROE	2017	24,740,340	338,724	1,908,566	36,209,684	485,767	2,737,100	36,209,684	485,767	2,737,100	28,907,314	688,967	3,843,966
46		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	37,324,329	804,914	3,949,660
47		W Increased ROE	2018	45,260,492	1,055,752	5,266,819	44,735,591	1,073,403	5,340,569	44,735,591	1,073,403	5,340,569	37,324,329	804,914	3,949,660

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

1 New Plant Carrying Charge

2 **Fixed Charge Rate (FCR) if if not a CIAC**

		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%

6 **FCR if a CIAC**

7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

8 The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%,
which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.

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			**Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated upgrades (B2436.91)**			**New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)**			**New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)**			**New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20)**		
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROE	Increased ROE (Basis Points)		0			0			0			0		
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment		24,812,999			26,819,837			26,819,837			15,574,675		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		590,786			638,568			638,568			370,826		
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)			12.99			13.00			13.00			12.95		
20				2016			2016			2016			2015		
21			**Invest Yr**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**
22		W 11.68 % ROE	2006												
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
28		W 11.68 % ROE	2009												
29		W Increased ROE	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE	2010												
32		W 11.68 % ROE	2011												
33		W Increased ROE	2011												
34		W 11.68 % ROE	2012												
35		W Increased ROE	2012												
36		W 11.68 % ROE	2013												
37		W Increased ROE	2013												
38		W 11.68 % ROE	2014												
39		W Increased ROE	2014												
40		W 11.68 % ROE	2015										225,037	412	2,441
41		W Increased ROE	2015										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				25,328,064	610,761	3,405,679	25,328,064	610,761	3,405,679	15,071,025	193,511	1,090,341
45		W Increased ROE	2017				25,328,064	610,761	3,405,679	25,328,064	610,761	3,405,679	15,071,025	193,511	1,090,341
46		W 11.68 % ROE	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	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

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

1 New Plant Carrying Charge

2 **Fixed Charge Rate (FCR) if if not a CIAC**

		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%

6 **FCR if a CIAC**

7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

8 The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%,
which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.

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.

				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)			Upgrade Eagle Point-Gloucester 230kV Circuit (B1588)		
10	Details														
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROE	Increased ROE (Basis Points)		0			0			0			0		
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment		15,574,675			20,678,337			15,251,024			12,087,537		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		370,826			492,341			363,120			287,798		
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)			12.95			12.13			10.55			13.00		
20				2015			2017			2018			2015		
21			Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22		W 11.68 % ROE	2006												
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
28		W 11.68 % ROE	2009												
29		W Increased ROE	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE	2010												
32		W 11.68 % ROE	2011												
33		W Increased ROE	2011												
34		W 11.68 % ROE	2012												
35		W Increased ROE	2012												
36		W 11.68 % ROE	2013												
37		W Increased ROE	2013												
38		W 11.68 % ROE	2014												
39		W Increased ROE	2014												
40		W 11.68 % ROE	2015	225,037	412	2,441							11,980,348	216,491	1,282,387
41		W Increased ROE	2015	225,037	412	2,441							11,980,348	216,491	1,282,387
42		W 11.68 % ROE	2016	349,923	4,743	27,513	2,241,267	24,426	141,823				11,871,005	287,798	1,646,241
43		W Increased ROE	2016	349,923	4,743	27,513	2,241,267	24,426	141,823				11,871,005	287,798	1,646,241
44		W 11.68 % ROE	2017	15,071,025	193,511	1,090,341	58,015,888	871,281	4,909,357				11,583,195	287,722	1,565,912
45		W Increased ROE	2017	15,071,025	193,511	1,090,341	58,015,888	871,281	4,909,357				11,583,195	287,722	1,565,912
46		W 11.68 % ROE	2018	15,376,009	369,378	1,835,212	19,782,631	459,518	2,226,613	15,251,024	294,694	1,479,264	11,295,526	287,798	1,368,849
47		W Increased ROE	2018	15,376,009	369,378	1,835,212	19,782,631	459,518	2,226,613	15,251,024	294,694	1,479,264	11,295,526	287,798	1,368,849

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

1 New Plant Carrying Charge

2 **Fixed Charge Rate (FCR) if if not a CIAC**

		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%

6 **FCR if a CIAC**

7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

8 The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%,
which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.

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			Mickleton-Gloucester 230kV Circuit (B2139)			Ridge Road 69kV Breaker Station (B1255)			Cox's Corner-Lumberton 230kV Circuit (B1787)			Sewaren Switch 230kV Conversion (B2276)		
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)		Yes			Yes			Yes			Yes		
12	Useful life of the project	Life			42			42			42			42		
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)		No			No			No			No		
14	Input the allowed increase in ROE	Increased ROE (Basis Points)			0			0			0			0		
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE			9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project			9.57%			9.57%			9.57%			9.57%		
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment			19,272,633			34,729,740			32,027,160			-		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp			458,872			826,899			762,551			-		
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)				13.00			13.00			13.00			-		
20					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												
23		W	Increased ROE	2006												
24		W	11.68 % ROE	2007												
25		W	Increased ROE	2007												
26		W	11.68 % ROE	2008												
27		W	Increased ROE	2008												
28		W	11.68 % ROE	2009												
29		W	Increased ROE	2009												
30		W	11.68 % ROE	2010												
31		W	Increased ROE	2010												
32		W	11.68 % ROE	2011												
33		W	Increased ROE	2011												
34		W	11.68 % ROE	2012												
35		W	Increased ROE	2012												
36		W	11.68 % ROE	2013												
37		W	Increased ROE	2013												
38		W	11.68 % ROE	2014												
39		W	Increased ROE	2014												
40		W	11.68 % ROE	2015	18,260,361	232,128	1,375,013	-	-	-	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	-	-	-	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	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
44		W	11.68 % ROE	2017	18,357,357	452,946	2,478,656	35,212,643	267,164	1,488,600	30,829,183	755,191	4,157,150	116,563,457	2,815,636	15,669,479
45		W	Increased ROE	2017	18,357,357	452,946	2,478,656	35,212,643	267,164	1,488,600	30,829,183	755,191	4,157,150	116,563,457	2,815,636	15,669,479
46		W	11.68 % 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	-	-	-
47		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	-	-	-

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

1 New Plant Carrying Charge

2 **Fixed Charge Rate (FCR) if if not a CIAC**

		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%

6 **FCR if a CIAC**

7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

8 The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%,
which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.

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			**Install Conemaugh 250MVAR Cap Bank (B0376)**			**Reconfigure Kearny- Logo in P2216 Ckt (B1589)**			**Reconfigure Brunswick Sw-New 69kVCkt-T (B2146)**			**350 MVAR Reactor Hopatcong 500kV (B2702)**		
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROE	Increased ROE (Basis Points)		0			0			0			0		
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.57%			9.57%			9.57%			9.57%		
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment		1,108,058			21,487,134			146,250,715			21,301,080		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		26,382			511,598			3,482,160			507,169		
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)			13.00			8.30			8.04			6.99		
20				2016			2018			2017			2018		
21			**Invest Yr**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**
22		W 11.68 % ROE	2006												
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
28		W 11.68 % ROE	2009												
29		W Increased ROE	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE	2010												
32		W 11.68 % ROE	2011												
33		W Increased ROE	2011												
34		W 11.68 % ROE	2012												
35		W Increased ROE	2012												
36		W 11.68 % ROE	2013												
37		W Increased ROE	2013												
38		W 11.68 % ROE	2014												
39		W Increased ROE	2014												
40		W 11.68 % ROE	2015												
41		W Increased ROE	2015												
42		W 11.68 % ROE	2016	1,108,058	26,382	153,181									
43		W Increased ROE	2016	1,108,058	26,382	153,181									
44		W 11.68 % ROE	2017												
45		W Increased ROE	2017												
46		W 11.68 % ROE	2018	1,081,675	26,382	129,905	21,487,134	326,604	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

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

1 New Plant Carrying Charge

2 **Fixed Charge Rate (FCR) if if not a CIAC**

		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%
6	**FCR if a CIAC**			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

8 The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%,
which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.

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.

				Susquehanna Roseland < 500KV (B0489.4) (CWIP)			Susquehanna Roseland >= 500kV (B0489) (CWIP)			North Central Reliability (West Orange Conversion) (B1154) (CWIP)			Mickleton-Gloucester-Camden(B1398.B1398.7) (CWIP)		
10	Details														
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROE	Increased ROE (Basis Points)		125			125			0			0		
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		10.28%			10.28%			9.57%			9.57%		
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment		-			-			-			-		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		-			-			-			-		
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)														
20															
21			**Invest Yr**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**
22		W 11.68 % ROE	2006												
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008				8,927,082		819,421						
27		W Increased ROE	2008				8,927,082		858,682						
28		W 11.68 % ROE	2009	8,601,534		794,647	33,993,795		3,927,226						
29		W Increased ROE	2009	8,601,534		833,737	33,993,795		4,120,411						
30		W 11.68 % ROE	2010	10,121,290		1,719,499	83,961,998		10,780,919						
31		W Increased ROE	2010	10,121,290		1,811,185	83,961,998		11,355,769						
32		W 11.68 % ROE	2011	30,831,150		3,376,923	133,618,838		19,674,374	19,588,655		1,299,846	1,648,851		56,106
33		W Increased ROE	2011	30,831,150		3,565,874	133,618,838		20,775,227	19,588,655		1,299,846	1,648,851		56,106
34		W 11.68 % ROE	2012	38,077,851		5,359,127	264,235,891		27,190,938	139,052,337		10,137,161	22,706,717		1,587,335
35		W Increased ROE	2012	38,077,851		5,676,479	264,235,891		28,801,108	139,052,337		10,137,161	22,706,717		1,587,335
36		W 11.68 % ROE	2013	40,538,248		5,381,625	567,928,477		56,420,758	79,292,223		21,408,869	117,558,986		7,924,475
37		W Increased ROE	2013	40,538,248		5,730,133	567,928,477		60,074,507	79,292,223		21,408,869	117,558,986		7,924,475
38		W 11.68 % ROE	2014	12,476,737		1,537,307	34,481,067		28,945,163	31,617,517		3,895,715	160,260,925		16,099,944
39		W Increased ROE	2014	12,476,737		1,646,580	34,481,067		31,002,624	31,617,517		3,895,715	160,260,925		16,099,944
40		W 11.68 % ROE	2015	-		-	15,544,417		1,822,213	-		-	81,558,947		9,560,846
41		W Increased ROE	2015	-		-	15,544,417		1,955,563	-		-	81,558,947		9,560,846
42		W 11.68 % ROE	2016	-		-	-		-	-		-	-		-
43		W Increased ROE	2016	-		-	-		-	-		-	-		-
44		W 11.68 % ROE	2017	-		-	-		-	-		-	-		-
45		W Increased ROE	2017	-		-	-		-	-		-	-		-
46		W 11.68 % ROE	2018	-		-	-		-	-		-	-		-
47		W Increased ROE	2018	-		-	-		-	-		-	-		-

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

1 New Plant Carrying Charge

2 **Fixed Charge Rate (FCR) if if not a CIAC**

		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%

6 **FCR if a CIAC**

7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

8 The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%,
which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.

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.

				Mickleton-Gloucester-Camden Breakers (B1398.15-B1398.19) (CWIP)			Burlington - Camden 230kV Conversion (B1156) (CWIP)			Burlington - Camden 230kV Conversion (B1156.13-B1156.20) (CWIP)			Northeast Grid Reliability Project (B1304.1-B1304.4) (CWIP)		
10		Details													
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project	Life		42			42			42			42		
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No			No			No			No		
14	Input the allowed increase in ROE	Increased ROE (Basis Points)		0			0			0			25		
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.57%			9.57%			9.57%			9.71%		
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment		-			-			-			-		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		-			-			-			-		
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)														
20															
21			**Invest Yr**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**
22		W 11.68 % ROE	2006												
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
28		W 11.68 % ROE	2009												
29		W Increased ROE	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE	2010												
32		W 11.68 % ROE	2011				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		6,341,372
35		W Increased ROE	2012	532,375		24,600	128,653,138		10,501,318	9,231,712		791,084	81,587,177		6,416,475
36		W 11.68 % ROE	2013	532,375		73,965	155,344,760		22,819,788	8,854,018		1,275,855	184,611,449		18,512,179
37		W Increased ROE	2013	532,375		73,965	155,344,760		22,819,788	8,854,018		1,275,855	184,611,449		18,751,945
38		W 11.68 % ROE	2014	532,375		65,596	56,976,438		7,020,285	3,745,932		461,551	211,553,988		28,743,491
39		W Increased ROE	2014	532,375		65,596	56,976,438		7,020,285	3,745,932		461,551	211,553,988		29,152,116
40		W 11.68 % ROE	2015	204,760		24,003	-		-	-		-	232,789,181		31,313,982
41		W Increased ROE	2015	204,760		24,003	-		-	-		-	232,789,181		31,772,294
42		W 11.68 % ROE	2016	-		-	-		-	-		-	103,162,268		11,805,242
43		W Increased ROE	2016	-		-	-		-	-		-	103,162,268		11,982,038
44		W 11.68 % ROE	2017	-		-	-		-	-		-	-		-
45		W Increased ROE	2017	-		-	-		-	-		-	-		-
46		W 11.68 % ROE	2018	-		-	-		-	-		-	-		-
47		W Increased ROE	2018	-		-	-		-	-		-	-		-

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

1 New Plant Carrying Charge

2 **Fixed Charge Rate (FCR) if if not a CIAC**

		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%
6	**FCR if a CIAC**			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

8 The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%,
which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.

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.

		Details		Northeast Grid Reliability Project (B1304.5-B1304.21) (CWIP)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (CWIP)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21) (CWIP)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (CWIP)
10							
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes	Yes	Yes	Yes
12	Useful life of the proiect	Life		42	42	42	42
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No	No	No	No
14	Input the allowed increase in ROE	Increased ROE (Basis Points)		25	0	0	0
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.57%	9.57%	9.57%	9.57%
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.71%	9.57%	9.57%	9.57%
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment		-	327,500	3,373,416	4,386,778
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		-	7,798	80,319	104,447
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)				13.00	13.00	13.00
20							

21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22	W 11.68 % ROE	2006												
23	W Increased ROE	2006												
24	W 11.68 % ROE	2007												
25	W Increased ROE	2007												
26	W 11.68 % ROE	2008												
27	W Increased ROE	2008												
28	W 11.68 % ROE	2009												
29	W Increased ROE	2009												
30	W 11.68 % ROE	2010												
31	W Increased ROE	2010												
32	W 11.68 % ROE	2011												
33	W Increased ROE	2011												
34	W 11.68 % ROE	2012	5,537,185		457,198									
35	W Increased ROE	2012	5,537,185		462,613									
36	W 11.68 % ROE	2013	18,052,410		1,627,531									
37	W Increased ROE	2013	18,052,410		1,648,610									
38	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	-		-	2,271,018		519,803	23,927,668		2,300,724	13,263,928		1,087,121
45	W Increased ROE	2017	-		-	2,271,018		519,803	23,927,668		2,300,724	13,263,928		1,087,121
46	W 11.68 % ROE	2018	-		-	327,500		31,344	3,373,416		322,857	4,386,778		419,841
47	W Increased ROE	2018	-		-	327,500		31,344	3,373,416		322,857	4,386,778		419,841

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

1 New Plant Carrying Charge

2 **Fixed Charge Rate (FCR) if if not a CIAC**

		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%

6 **FCR if a CIAC**

7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
8 Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project 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
13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.

10		Details		**Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33) (CWIP)**	**Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34) (CWIP)**	**Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50) (CWIP)**	**Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.60) (CWIP)**
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes	Yes	Yes	Yes
12	Useful life of the project	Life		42	42	42	42
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No	No	No	No
14	Input the allowed increase in ROE	Increased ROE (Basis Points)		0	0	0	0
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.57%	9.57%	9.57%	9.57%
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.57%	9.57%	9.57%	9.57%
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment		20,653,909	30,394,186	14,893,653	8,794,765
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		491,760	723,671	354,611	209,399
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)			13.00	13.00	13.00	13.00
20							

21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22	W 11.68 % ROE	2006												
23	W Increased ROE	2006												
24	W 11.68 % ROE	2007												
25	W Increased ROE	2007												
26	W 11.68 % ROE	2008												
27	W Increased ROE	2008												
28	W 11.68 % ROE	2009												
29	W Increased ROE	2009												
30	W 11.68 % ROE	2010												
31	W Increased ROE	2010												
32	W 11.68 % ROE	2011												
33	W Increased ROE	2011												
34	W 11.68 % ROE	2012												
35	W Increased ROE	2012												
36	W 11.68 % ROE	2013												
37	W Increased ROE	2013												
38	W 11.68 % ROE	2014	2,114,342		74,197	1,476,460		58,912	838,906		41,991	433,918		21,259
39	W Increased ROE	2014	2,114,342		74,197	1,476,460		58,912	838,906		41,991	433,918		21,259
40	W 11.68 % ROE	2015	7,520,100		530,656	1,567,639		105,699	3,286,307		178,025	3,386,828		209,207
41	W Increased ROE	2015	7,520,100		530,656	1,567,639		105,699	3,286,307		178,025	3,386,828		209,207
42	W 11.68 % ROE	2016	65,119,433		3,473,891	36,960,137		1,695,242	24,980,240		1,011,439	14,073,743		749,927
43	W Increased ROE	2016	65,119,433		3,473,891	36,960,137		1,695,242	24,980,240		1,011,439	14,073,743		749,927
44	W 11.68 % ROE	2017	103,139,173		8,457,930	100,004,406		7,165,306	50,261,443		4,476,177	4,257,610		1,981,744
45	W Increased ROE	2017	103,139,173		8,457,930	100,004,406		7,165,306	50,261,443		4,476,177	4,257,610		1,981,744
46	W 11.68 % ROE	2018	20,653,909		1,976,705	30,394,186		2,908,909	14,893,653		1,425,414	8,794,765		841,713
47	W Increased ROE	2018	20,653,909		1,976,705	30,394,186		2,908,909	14,893,653		1,425,414	8,794,765		841,713

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

1 New Plant Carrying Charge

2 **Fixed Charge Rate (FCR) if if not a CIAC**

		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%

6 **FCR if a CIAC**

7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

8 The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%,
which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.

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.

				Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70) (CWIP)	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (B2436.81) (CWIP)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83) (CWIP)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84) (CWIP)
10		Details					
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes	Yes	Yes	Yes
12	Useful life of the project	Life		42	42	42	42
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No	No	No	No
14	Input the allowed increase in ROE	Increased ROE (Basis Points)		0	0	0	0
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.57%	9.57%	9.57%	9.57%
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.57%	9.57%	9.57%	9.57%
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment		13,879,908	84,069	80,847	(0)
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		330,474	2,002	1,925	(0)
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)			13.00	13.00	13.00	
20							

21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22	W 11.68 % ROE	2006												
23	W Increased ROE	2006												
24	W 11.68 % ROE	2007												
25	W Increased ROE	2007												
26	W 11.68 % ROE	2008												
27	W Increased ROE	2008												
28	W 11.68 % ROE	2009												
29	W Increased ROE	2009												
30	W 11.68 % ROE	2010												
31	W Increased ROE	2010												
32	W 11.68 % ROE	2011												
33	W Increased ROE	2011												
34	W 11.68 % ROE	2012												
35	W Increased ROE	2012												
36	W 11.68 % ROE	2013												
37	W Increased ROE	2013												
38	W 11.68 % ROE	2014	1,370,003		56,093	597,317		24,145	597,317		24,145	569,297		24,114
39	W Increased ROE	2014	1,370,003		56,093	597,317		24,145	597,317		24,145	569,297		24,114
40	W 11.68 % ROE	2015	7,110,556		414,795	4,018,145		249,912	4,018,145		249,912	3,852,871		236,839
41	W Increased ROE	2015	7,110,556		414,795	4,018,145		249,912	4,018,145		249,912	3,852,871		236,839
42	W 11.68 % ROE	2016	45,554,419		2,311,095	21,015,450		1,295,020	21,015,450		1,295,020	22,912,843		1,342,797
43	W Increased ROE	2016	45,554,419		2,311,095	21,015,450		1,295,020	21,015,450		1,295,020	22,912,843		1,342,797
44	W 11.68 % ROE	2017	55,639,039		5,480,161	53,134		937,564	53,134		937,564	11,129,698		1,228,147
45	W Increased ROE	2017	55,639,039		5,480,161	53,134		937,564	53,134		937,564	11,129,698		1,228,147
46	W 11.68 % ROE	2018	13,879,908		1,328,392	84,069		8,046	80,847		7,738	(0)		-
47	W Increased ROE	2018	13,879,908		1,328,392	84,069		8,046	80,847		7,738	(0)		-

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

1 New Plant Carrying Charge

2 **Fixed Charge Rate (FCR) if if not a CIAC**

		Formula Line		
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4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%
6	**FCR if a CIAC**			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

8 The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%,
which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.

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.

				Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85) (CWIP)	**Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90) (CWIP)**	**Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated upgrades (B2436.91) (CWIP)**	**New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (CWIP)**
10		Details					
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes	Yes	Yes	Yes
12	Useful life of the project	Life		42	42	42	42
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No	No	No	No
14	Input the allowed increase in ROE	Increased ROE (Basis Points)		0	0	0	0
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.57%	9.57%	9.57%	9.57%
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.57%	9.57%	9.57%	9.57%
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment		(0)	1,421,804	7,334	352,578
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		(0)	33,852	175	8,395
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)				13.00	13.00	13.00

21		**Invest Yr**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**	**Ending**	**Depreciation or Amortization**	**Revenue**
22	W 11.68 % ROE	2006												
23	W Increased ROE	2006												
24	W 11.68 % ROE	2007												
25	W Increased ROE	2007												
26	W 11.68 % ROE	2008												
27	W Increased ROE	2008												
28	W 11.68 % ROE	2009												
29	W Increased ROE	2009												
30	W 11.68 % ROE	2010												
31	W Increased ROE	2010												
32	W 11.68 % ROE	2011												
33	W Increased ROE	2011												
34	W 11.68 % ROE	2012												
35	W Increased ROE	2012												
36	W 11.68 % ROE	2013												
37	W Increased ROE	2013												
38	W 11.68 % ROE	2014	569,297		24,114	1,581,597		63,898	1,286,903		48,434	4,799,334		220,160
39	W Increased ROE	2014	569,297		24,114	1,581,597		63,898	1,286,903		48,434	4,799,334		220,160
40	W 11.68 % ROE	2015	3,852,871		236,839	14,750,089		849,382	13,603,685		780,003	20,855,739		1,506,352
41	W Increased ROE	2015	3,852,871		236,839	14,750,089		849,382	13,603,685		780,003	20,855,739		1,506,352
42	W 11.68 % ROE	2016	22,912,843		1,342,797	946,989		868,195	34,036		704,952	210,981		908,856
43	W Increased ROE	2016	22,912,843		1,342,797	946,989		868,195	34,036		704,952	210,981		908,856
44	W 11.68 % ROE	2017	11,129,698		1,228,147	2,422,164		197,896	777,902		85,840	1,212,870		130,718
45	W Increased ROE	2017	11,129,698		1,228,147	2,422,164		197,896	777,902		85,840	1,212,870		130,718
46	W 11.68 % ROE	2018	(0)		-	1,421,804		136,075	7,334		702	352,578		33,744
47	W Increased ROE	2018	(0)		-	1,421,804		136,075	7,334		702	352,578		33,744

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

1 New Plant Carrying Charge

2 **Fixed Charge Rate (FCR) if if not a CIAC**

		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%

6 **FCR if a CIAC**

7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

8 The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%,
which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.

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			New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (CWIP)			New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20) (CWIP)			New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21) (CWIP)			New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30) (CWIP)		
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No" Schedule 12	(Yes or No)		Yes			Yes			Yes			Yes		
12	Useful life of the project Life			42			42			42			42		
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No" CIAC	(Yes or No)		No			No			No			No		
14	Input the allowed increase in ROE Increased ROE (Basis Points)			0			0			0			0		
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13 11.68% ROE			9.57%			9.57%			9.57%			9.57%		
16	Line 14 plus (line 5 times line 15)/100 FCR for This Project			9.57%			9.57%			9.57%			9.57%		
17	Service Account 101 or 106 if not yet classified - End of year balance Investment			352,578			7,678			7,678			1,673,479		
18	Line 17 divided by line 12 Annual Depreciation or Amort Exp			8,395			183			183			39,845		
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)			13.00			13.00			13.00			13.00		
20															
21			Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22		W 11.68 % ROE	2006												
23		W Increased ROE	2006												
24		W 11.68 % ROE	2007												
25		W Increased ROE	2007												
26		W 11.68 % ROE	2008												
27		W Increased ROE	2008												
28		W 11.68 % ROE	2009												
29		W Increased ROE	2009												
30		W 11.68 % ROE	2010												
31		W Increased ROE	2010												
32		W 11.68 % ROE	2011												
33		W Increased ROE	2011												
34		W 11.68 % ROE	2012												
35		W Increased ROE	2012												
36		W 11.68 % ROE	2013												
37		W Increased ROE	2013												
38		W 11.68 % ROE	2014	5,002,105		223,171	123,509		4,946	124,051		4,952	337,481		13,854
39		W Increased ROE	2014	5,002,105		223,171	123,509		4,946	124,051		4,952	337,481		13,854
40		W 11.68 % ROE	2015	21,058,511		1,530,122	2,601,853		148,281	2,602,395		148,345	2,972,226		101,157
41		W Increased ROE	2015	21,058,511		1,530,122	2,601,853		148,281	2,602,395		148,345	2,972,226		101,157
42		W 11.68 % ROE	2016	96,330		915,296	9,752,687		597,380	9,750,168		597,124	35,618,949		2,125,894
43		W Increased ROE	2016	96,330		915,296	9,752,687		597,380	9,750,168		597,124	35,618,949		2,125,894
44		W 11.68 % ROE	2017	1,241,892		133,921	4,472,474		493,532	4,472,773		493,565	15,327,955		1,691,419
45		W Increased ROE	2017	1,241,892		133,921	4,472,474		493,532	4,472,773		493,565	15,327,955		1,691,419
46		W 11.68 % ROE	2018	352,578		33,744	7,678		735	7,678		735	1,673,479		160,162
47		W Increased ROE	2018	352,578		33,744	7,678		735	7,678		735	1,673,479		160,162

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

1 New Plant Carrying Charge **Page 23 of 23**

2 **Fixed Charge Rate (FCR) if if not a CIAC**

		Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	9.57%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	10.14%
5	C		Line B less Line A	0.57%

6 **FCR if a CIAC**

7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.47%

The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
8 Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project 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
13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.

10	Details		**New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33) (CWIP)**	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes
12	Useful life of the project	Life		42
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	CIAC	(Yes or No)	No
14	Input the allowed increase in ROE	Increased ROE (Basis Points)		0
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE		9.57%
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		9.57%
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment		1,914,773
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		45,590
19	Months in service for depreciation expense from Year placed in Service (0 if CWIP)			13.00
20				

21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Total	Incentive Charged	Revenue Credit	
22	W 11.68 % ROE	2006				$ 4,652,471		$ 4,652,471	
23	W Increased ROE	2006				$ 4,652,471	$ 4,652,471		$ -
24	W 11.68 % ROE	2007				$ 29,476,571		$ 29,476,571	
25	W Increased ROE	2007				$ 29,476,571	$ 29,476,571		$ -
26	W 11.68 % ROE	2008				$ 32,346,385		$ 32,346,385	
27	W Increased ROE	2008				$ 32,385,646	$ 32,385,646		$ 39,261
28	W 11.68 % ROE	2009				$ 51,356,608		$ 51,356,608	
29	W Increased ROE	2009				$ 51,588,883	$ 51,588,883		$ 232,275
30	W 11.68 % ROE	2010				$ 61,349,032		$ 61,349,032	
31	W Increased ROE	2010				$ 62,015,568	$ 62,015,568		$ 666,536
32	W 11.68 % ROE	2011				$ 78,438,322		$ 78,438,322	$ -
33	W Increased ROE	2011				$ 79,823,709	$ 79,823,709		$ 1,385,386
34	W 11.68 % ROE	2012				$ 129,728,618		$ 129,728,618	
35	W Increased ROE	2012				$ 131,858,773	$ 131,858,773		$ 2,130,155
36	W 11.68 % ROE	2013				$ 279,708,533		$ 279,708,533	
37	W Increased ROE	2013				$ 284,314,797	$ 284,314,797		$ 4,606,265
38	W 11.68 % ROE	2014	133,460		5,677	$ 342,977,142		$ 342,977,142	
39	W Increased ROE	2014	133,460		5,677	$ 349,823,024	$ 349,823,024		$ 6,845,883
40	W 11.68 % ROE	2015	258,129		20,804	$ 434,110,713		$ 434,110,713	
41	W Increased ROE	2015	258,129		20,804	$ 441,614,467	$ 441,614,467		$ 7,503,754
42	W 11.68 % ROE	2016	2,173,541		157,609	$ 558,001,204		$ 558,001,204	
43	W Increased ROE	2016	2,173,541		157,609	$ 566,080,859	$ 566,080,859		$ 8,079,655
44	W 11.68 % ROE	2017	14,065,098		934,008	$ 576,209,051		576,209,051	
45	W Increased ROE	2017	14,065,098		934,008	$ 583,935,997	$ 583,935,997		$ 7,726,945
46	W 11.68 % ROE	2018	1,914,773		183,255	$ 506,060,336		$ 506,060,336	
47	W Increased ROE	2018	1,914,773		183,255	$ 511,849,690	$ 511,849,690		$ 5,789,354

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

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

Public Service Electric and Gas Company
Projected Costs of Plant in Forecasted Rate Base and In-Service Dates
12 Months Ended December 31, 2018

Required Transmission Enhancements

Upgrade ID	RTEP Baseline Project Description	Estimated/Actual Project Cost (thru 2018) *	Anticipated/Actual In-Service Date *
b0130	Replace all derated Branchburg 500/230 kv transformers	$ 20,645,602	Jan-06
b0134	Reconductor Kittatinny - Newtown 230 kV with 1590 ACSS	$ 8,069,022	Aug-07
b0145	Build new Essex - Aldene 230 kV cable connected through phase angle regulator at Essex	$ 86,467,721	Aug-07
b0411	Install 4th 500/230 kV transformer at New Freedom	$ 22,188,863	May-09
b0498	Loop the 5021 circuit into New Freedom 500 kV substation	$ 27,005,248	May-09
b0161	Install 230-138kV transformer at Metuchen substation	$ 25,654,455	Nov-08
b0169	Build a new 230 kV section from Branchburg - Flagtown and move the Flagtown - Somerville 230 kV circuit to the new section	$ 15,731,554	May-08
b0170	Reconductor the Flagtown-Somerville-Bridgewater 230 kV circuit with 1590 ACSS	$ 6,961,495	May-09
b0274	Replace both 230/138 kV transformers at Roseland	$ 21,014,433	Apr-12
b0172.2	Replace wave trap at Branchburg 500kV substation	$ 27,988	Feb-07
b0813	Reconductor Hudson - South Waterfront 230kV circuit	$ 9,158,918	May-12
b1017	Reconductor South Mahwah 345 kV J-3410 Circuit	$ 20,626,991	Dec-12
b1018	Reconductor South Mahwah 345 kV K-3411 Circuit	$ 21,170,273	May-11
b0290	Branchburg 400 MVAR Capacitor	$ 77,352,830	Nov-10
b0472	Saddle Brook - Athenia Upgrade Cable	$ 14,404,842	Nov-08
b0664-b0665	Branchburg-Somerville-Flagtown Reconductor	$ 18,664,931	Apr-12
b0668	Somerville -Bridgewater Reconductor	$ 6,390,403	Apr-12
b0814	New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie	$ 46,035,637	Dec-10
b1410-b1415	Replace Salem 500 kV breakers	$ 15,865,267	Oct-12
b1228	230kV Lawrence Switching Station Upgrade	$ 21,736,918	May-11
b1155	Branchburg-Middlesex Swich Rack	$ 62,937,256	Dec-11
b1399	Aldene-Springfield Rd. Conversion	$ 72,380,453	Dec-12
b1590	Upgrade Camden-Richmond 230kV Circuit (B1590)	$ 11,276,183	Apr-13
b1588	Uprate EaglePoint-Gloucester 230kV Circuit	$ 12,087,537	May-11
b2139	Build Mickleton-Gloucester Corridor Ultimate Design	$ 19,272,633	Dec-13
b1255	Ridge Road 69kV Breaker Station	$ 34,729,740	Jun-16
b1787	New Cox's Corner-Lumberton 230kV Circuit	$ 32,027,160	Nov-13
b0376	Install Conemaugh 250MVAR Cap Bank (B0376)	$ 1,108,058	Mar-16
b1589	Reconfigure Kearny- Loop in P2216 Ckt (B1589)	$ 21,487,134	May-18
b2146	Reconfigure Brunswick Sw-New 69kVCkt-T (B2146)	$ 146,250,715	Oct-17
b2702	350 MVAR Reactor Hopatcong 500kV (B2702)	$ 21,301,080	Jun-18
b0489.5-b0489.15	Susquehanna Roseland Breakers(In-Service)	$ 5,857,687	Jun-14
b0489.4	Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (Below 500 kV elements of the project) (In-Service)	$ 40,538,248	Nov-11
b0489	Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project) (In-Service)	$ 720,620,844	Mar-15
b1156	Burlington - Camden 230kV Conversion (In-Service)	$ 356,333,540	Oct-14
b1398 - b1398.7	Mickleton-Gloucester-Camden(In-Service)	$ 439,384,743	Jun-15
b1154	North Central Reliability (West Orange Conversion) (In-Service)	$ 370,006,995	Jun-15
b1304.1-b1304.4	Northeast Grid Reliability Project (In-Service)	$ 625,390,228	Jun-15
b2436.10	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)	$ 174,969,351	Jan-16
b2436.21	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	$ 68,319,997	May-16
b2436.22	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades	$ 49,614,813	May-16
b2436.33	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades	$ 162,329,270	Dec-15
b2436.34	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34)	$ 120,922,525	Feb-18
b2436.50	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50)	$ 63,112,389	Mar-18
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 (B2436.60)	$ 49,352,658	Dec-15
b2437.10	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	$ 26,819,837	May-16
b2437.11	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)	$ 26,819,837	May-16
b2437.20	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20)	$ 15,574,675	Dec-15
b2437.21	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21)	$ 15,574,675	Dec-15
b2437.30	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30)	$ 20,678,337	Jul-16
	Total	**$ 4,581,326,904**	

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

Public Service Electric and Gas Company

Accumulated Deferred Income Taxes Using The Proration Methodology - Tax Basis

Amounts reflected in Annual Update Filing

2017 EOY Amount	(2,383,691,531)	A
2018 EOY Amount	(2,597,832,425)	B

Account 282, Transmission Plant-related Liberalized Depreciation, for 2018

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Line	Year	Month	Projected Monthly (Increase) In ADIT - Depreciable Tax Basis	Days Outstanding During the Year	Proration Percentage	Monthly Prorated Amount	Cumulative "prorated" ADIT	Beginning & Ending ADIT Balance
1	2017	Dec						(2,383,691,531) A
2	2018	Jan	(23,167,070)	335	91.78%	(21,262,928)	(2,404,954,459)	
3	2018	Feb	(23,640,412)	307	84.11%	(19,883,853)	(2,424,838,312)	
4	2018	Mar	(24,080,123)	276	75.62%	(18,208,531)	(2,443,046,843)	
5	2018	Apr	(25,252,039)	246	67.40%	(17,019,182)	(2,460,066,025)	
6	2018	May	(24,392,170)	215	58.90%	(14,367,991)	(2,474,434,016)	
7	2018	Jun	(24,900,952)	185	50.68%	(12,621,031)	(2,487,055,047)	
8	2018	Jul	(23,470,852)	154	42.19%	(9,902,771)	(2,496,957,818)	
9	2018	Aug	(23,044,552)	123	33.70%	(7,765,698)	(2,504,723,516)	
10	2018	Sep	(23,177,202)	93	25.48%	(5,905,424)	(2,510,628,940)	
11	2018	Oct	(23,569,552)	62	16.99%	(4,003,595)	(2,514,632,535)	
12	2018	Nov	(23,121,902)	32	8.77%	(2,027,126)	(2,516,659,661)	
13	2018	Dec	(23,576,902)	1	0.27%	(64,594)	(2,516,724,255)	
		Total	(285,393,730)			(133,032,724)		

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

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

2017 EOY Amount	(30,864,733)	A
2018 EOY Amount	(36,267,968)	B

Account 282, Common Plant-related Liberalized Depreciation, for 2018

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Line	Year	Month	Projected Monthly (Increase) In ADIT - Depreciable Tax Basis	Days Outstanding During the Year	Proration Percentage	Monthly Prorated Amount	Cumulative "prorated" ADIT	Beginning & Ending ADIT Balance
1	2017	Dec						(30,864,733) A
2	2018	Jan	(337,186)	335	91.78%	(309,472)	(31,174,205)	
3	2018	Feb	(337,186)	307	84.11%	(283,606)	(31,457,811)	
4	2018	Mar	(337,186)	276	75.62%	(254,968)	(31,712,779)	
5	2018	Apr	(337,186)	246	67.40%	(227,254)	(31,940,033)	
6	2018	May	(337,186)	215	58.90%	(198,616)	(32,138,649)	
7	2018	Jun	(337,186)	185	50.68%	(170,903)	(32,309,552)	
8	2018	Jul	(337,186)	154	42.19%	(142,265)	(32,451,817)	
9	2018	Aug	(337,186)	123	33.70%	(113,627)	(32,565,444)	
10	2018	Sep	(337,186)	93	25.48%	(85,913)	(32,651,357)	
11	2018	Oct	(337,186)	62	16.99%	(57,275)	(32,708,632)	
12	2018	Nov	(337,186)	32	8.77%	(29,562)	(32,738,194)	
13	2018	Dec	(337,186)	1	0.27%	(924)	(32,739,118)	
		Total	(4,046,234)			(1,874,385)		

14	Projected 2018 Liberalized Depreciation based on ADIT Proration Methodology:	(1,874,385)
15	Plus: Projected 2018 ADIT associated with Liberalized Deprecation not subject to Proration Methodology:	(3,528,850)
16	Projected 2018 EOY Federal and State Liberalized Depreciation ADIT included in the FERC Formula Filing:	(36,267,968) B

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.