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VIA ELECTRONIC & OVERNIGHT MAIL

February 24, 2017

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, 2014
-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

Docket Nos. EO03050394, ER13050378, ER14040370, ER15040482

++++
Compliance Tariff Filing Reflecting Changes to Schedule 12 Charges in PJM Open Access
Transmission Tariff Docket No. _____

Irene Kim Asbury, Esquire
Secretary of the Board
Board of Public Utilities
44 So. Clinton Ave., 3rd Floor, Suite 314
Trenton, New Jersey 08625-0350

Dear Secretary Asbury:

Enclosed for filing on behalf of Public Service Electric and Gas Company (“PSE&G”) please find an original and ten copies of revised tariff sheets and supporting exhibits to update the initial filings made by the New Jersey Electric Distribution Companies (“EDCs”) on December 17, 2015 and May 4, 2016 in the above-captioned docket (hereafter the “December 17, 2015 Filing” and the “May 4, 2016 Filing”, respectively).

The attached updated tariff sheet sheets and supporting exhibits listed below implement a December 9, 2016 decision and order issued by the Federal Energy Regulatory Commission (“FERC”) relating to the cost allocation of the Sewaren Regional Transmission Enhancement

Project (“Sewaren RTEP Project”). See *PJM Interconnection L.L.C.*, Order Denying Rehearing, Denying Clarification, and Rejecting a Compliance Filing, Docket No. EL14-1485-007, December 9, 2016 (“Rehearing Order”). In the Rehearing Order, FERC denied PSE&G’s request for a rehearing of FERC’s April 22, 2016, decision affirming FERC’s prior determination to re-allocate 100% of the Sewaren Regional Transmission Enhancement Project costs to customers within the PSE&G zone. The effective date established by FERC for the reallocation of the Sewaren RTEP Project costs was May 2015. However, the Sewaren RTEP Project was not placed into service and rates until January 1, 2016.

While the impact to the reallocation of the Sewaren RTEP Project is already incorporated into the 2017 rates currently in effect, it is necessary to implement a rate adjustment to reflect the impact of the reallocation being implemented on January 1, 2016. This filing implements a twelve month mechanism to collect the Sewaren RTEP Project reallocated costs for 2016. This request is submitted pursuant to Section ¶¶ 15.9 (a)(i) and (ii) of the BGS-RSCP and BGS-CIEP Supplier Master Agreements.

It is our understanding that PJM has already billed suppliers for the 2016 increased charges attributable to the reallocation. While the 2016 increased charges in this filing are proposed to be collected from BGS customers over a twelve (12) month period, PSE&G respectfully requests that upon the issuance of a Board order approving the relief sought herein, that PSE&G be permitted to pay BGS suppliers consistent with the manner in which they were billed by PJM (i.e., a one-time payment).

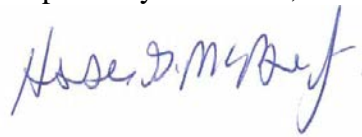
The following supporting documents are enclosed:

- Attachment 1 (Derivation of PSE&G NITS Charge)
- Attachment 2a (Pro-forma PSE&G Tariff Sheets proposed to be effective April 1, 2017)
- Attachment 2b (PSE&G Translation of NITS Charge into Customer Rates)
- Attachment 3 (PSE&G Project Charges Filed December 17, 2015)
- Attachment 4 (PSE&G Project Charges Filed May 4, 2016)
- Attachment 3R (REVISED PSE&G Project Charges Filed December 17, 2015)
- Attachment 4R (REVISED PSE&G Project Charges Filed May 4, 2016)
- Attachment 5 (PSE&G FERC Formula Rate Filing October 19th, 2015)
- Attachment 6 (PJM Compliance Filing Docket No. ER14-1485-007)
- Attachment 7 (FERC Order Docket No. ER14-1485-007 Issued December 9, 2016)

PSE&G reiterates the requests for approval set forth in the EDCs' December 17, 2015 Filing and the May 4 Filing as if incorporated herein. In addition, PSE&G respectfully requests that the Board: (1) issue a waiver of the 30-day filing requirement that would otherwise apply to this submission, because BGS suppliers began paying these revised transmission charges for transmission service effective January 1, 2017 pursuant to the December 9th Rehearing Order.

We thank the Board for all courtesies extended.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Hosea D. McBeef".

Attachments

- C Thomas Walker, NJBPU
- Stacy Peterson, NJBPU
- Stefanie Brand, Division of Rate Counsel
- Service List (via Electronic Mail Server)

In the Matter of the Provision of Basic Generation Service and Compliance Tariff Filing
 Reflecting Changes to Schedule 12 Charges in PJM Open Access Transmission Tariff –
 February 24, 2017 Filing
 BPU Docket No.

BOARD OF PUBLIC UTILITIES		
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In the Matter of the Provision of Basic Generation Service and Compliance Tariff Filing
Reflecting Changes to Schedule 12 Charges in PJM Open Access Transmission Tariff –
February 24, 2017 Filing
BPU Docket No.

OTHER		
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Frank Cernosek Reliant Energy 1000 Main Street REP 11-235 Houston, TX 77002	Elizabeth Sager VP – Asst. General Counsel J.P. Morgan Chase Bank, N.A. 270 Park Avenue, Floor 41 New York, NY 10017-2014	Commodity Confirmations J.P. Morgan Ventures Energy 1 Chase Manhattan Plaza 14 th Floor New York, NY 10005
Manager - Contracts Admin. Sempra Energy Trading Corp. 58 Commerce Road Stamford, CT 06902	Raymond DePillo PSEG ER&T 80 Park Plaza, T-19 P.O. Box 570 Newark, NJ 07101	Sylvia Dooley Consolidated Edison of NY 4 Irving Place Room 1810-S New York, NY 10003
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Deborah Hart, Vice President Morgan Stanley Capital Group 2000 Westchester Avenue Trading Floor Purchase, NY 10577	Marcia Hissong, Director DTE Energy Trading 414 South Main Street Suite 200 Ann Arbor, MI 48104	Dir – Contracts & Legal Svcs Talen Energy Marketing, LLC 835 Hamilton Street Allentown, PA 18101
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In the Matter of the Provision of Basic Generation Service and Compliance Tariff Filing
 Reflecting Changes to Schedule 12 Charges in PJM Open Access Transmission Tariff –
 February 24, 2017 Filing
 BPU Docket No.

OTHER		
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Attachment 1

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

Attachment 1 - PSE&G Network Integration Service Calculation.

Sewaren Project Allocated 0% to PSE&G Zone

Derived Network Integration Service Rate Applicable to PSE&G customers - 2016

Line #	Description	Rate		Source
		January - April	May - December	
(1)	Transmission Service Annual Revenue Requirement	\$ 1,064,228,951.56	\$ 1,064,228,951.56	Attachment 5 PSE&G Filing- Line 164
(2)	Total Schedule 12 TEC Included in above	\$ (520,436,728.38)	\$ (545,743,291.38)	Attachment 3 Column (a) Attachment 4 Column (a)
(3)	PSE&G Customer Share of Schedule 12 TEC	\$ 247,944,752.83	\$ 248,524,752.27	Attachment 3 Column (h) Attachment 4 Column (h)
(4)	Total Transmission Costs Borne by PSE&G customers	\$ 791,736,976.01	\$ 767,010,412.45	=(1) +(2) +(3)
(5)	2016 PSE&G Network Service Peak (MW) 2016 Derived Network Integration Transmission Service Rate	9,594.9	9,594.9	Attachment 5 PSE&G Filing- Line 165
(6)	(MW-Year)	\$ 82,516.44	\$ 79,939.39	= (4)/(5)
	Resulting 2016 BGS Firm Transmission Service Supplier Rate (MW- Day)	\$ 225.45	\$ 218.41	= (6)/366

Notes: (a) Filed May 4th, 2016
(b) Filed December 17th, 2015

Sewaren Project Allocated 100% to PSE&G Zone

Derived Network Integration Service Rate Applicable to PSE&G customers - 2016

Line #	Description	Revised Rate		Source
		January - April	May - December	
(1)	Transmission Service Annual Revenue Requirement	\$ 1,064,228,951.56	\$ 1,064,228,951.56	Attachment 5 PSE&G Filing- Line 164
(2)	Total Schedule 12 TEC Included in above	\$ (520,436,728.38)	\$ (545,743,291.38)	Attachment 3R Column (a) Attachment 4R Column (a)
(3)	PSE&G Customer Share of Schedule 12 TEC	\$ 257,425,690.91	\$ 258,005,690.35	Attachment 3R Column (h) Attachment 4R Column (h)
(4)	Total Transmission Costs Borne by PSE&G customers	\$ 801,217,914.09	\$ 776,491,350.53	=(1) +(2) +(3)
(5)	2016 PSE&G Network Service Peak (MW) 2016 Derived Network Integration Transmission Service Rate	9,594.9	9,594.9	Attachment 5 PSE&G Filing- Line 165
(6)	(MW-Year)	\$ 83,504.56	\$ 80,927.51	= (4)/(5)
	Resulting 2016 BGS Firm Transmission Service Supplier Rate (MW- Day)	\$ 228.15	\$ 221.11	= (6)/366

Net Change of Sewaren Re-Allocation to PSE&G Zone

INCREMENTAL Derived Network Integration Service Rate Applicable to PSE&G customers - 2016

Line #	Description	Revised Rate		Source
		January - April	May - December	
(1)	Transmission Service Annual Revenue Requirement	\$ -	\$ -	Revised minus Original
(2)	Total Schedule 12 TEC Included in above	\$ -	\$ -	Revised minus Original
(3)	PSE&G Customer Share of Schedule 12 TEC	\$ 9,480,938.08	\$ 9,480,938.08	Revised minus Original
(4)	Total Transmission Costs Borne by PSE&G customers	\$ 9,480,938.08	\$ 9,480,938.08	=(1) +(2) +(3)
(5)	2016 PSE&G Network Service Peak (MW) 2016 Derived Network Integration Transmission Service Rate	9,594.9	9,594.9	
(6)	(MW-Year) * Adjusted for Rounding	\$ 988.08	\$ 988.08	= (4)/(5)
	Day)	\$ 2.70	\$ 2.70	= (6)/366

Attachment 2 – PSE&G Tariffs and Rate Translation

Attachment 2a
Pro-forma PSE&G Tariff Sheets

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

Attachment 2a
Pro-forma PSE&G Tariff Sheets

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

XXX Revised Sheet No. 75

B.P.U.N.J. No. 15 ELECTRIC

**Superseding
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 <u>October through May</u>		For usage in each of the months of <u>June through September</u>	
	<u>Charges</u>	<u>Charges Including SUT</u>	<u>Charges</u>	<u>Charges Including SUT</u>
RS – first 600 kWh	\$0.117793	\$0.125891	\$0.119622	\$0.127846
RS – in excess of 600 kWh	0.117793	0.125891	0.128730	0.137580
RHS – first 600 kWh	0.090037	0.096227	0.086445	0.092388
RHS – in excess of 600 kWh	0.090037	0.096227	0.098624	0.105404
RLM On-Peak	0.205281	0.219394	0.219719	0.234825
RLM Off-Peak	0.053654	0.057343	0.050571	0.054048
WH	0.054613	0.058368	0.053331	0.056998
WHS	0.054808	0.058576	0.053437	0.057111
HS	0.094761	0.101276	0.098163	0.104912
BPL	0.051584	0.055130	0.047370	0.050627
BPL-POF	0.051584	0.055130	0.047370	0.050627
PSAL	0.051584	0.055130	0.047370	0.050627

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.

Date of Issue:

Issued by SCOTT S. JENNINGS, Vice President Finance – PSE&G
80 Park Plaza, Newark, New Jersey 07102
Filed pursuant to Order of Board of Public Utilities dated
in Docket No.

Effective:

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

XXX Revised Sheet No. 79

B.P.U.N.J. No. 15 ELECTRIC

Superseding

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	\$6.7319
Charge including New Jersey Sales and Use Tax (SUT)	\$7.1947
Charge applicable in the months of October through May	\$6.7319
Charge including New Jersey Sales and Use Tax (SUT)	\$7.1947

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	\$ 91,224.18 per MW per year
PJM Reallocation	\$ 988.08 per MW per year
PJM Seams Elimination Cost Assignment Charges	\$ 0.00 per MW per month
PJM Reliability Must Run Charge	\$ 0.00 per MW per month
PJM Transmission Enhancements	
Trans-Allegheny Interstate Line Company	\$104.68 per MW per month
Virginia Electric and Power Company	\$ 82.20 per MW per month
Potomac-Appalachian Transmission Highline L.L.C.	\$ 10.72 per MW per month
PPL Electric Utilities Corporation	\$ 53.39 per MW per month
American Electric Power Service Corporation	\$ 26.91 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	\$ 3.37 per MW per month

Above rates converted to a charge per kW of Transmission Obligation, applicable in all months	\$ 7.9770
Charge including New Jersey Sales and Use Tax (SUT)	\$ 8.5254

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).

Date of Issue:

Issued by SCOTT S. JENNINGS, Vice President Finance – PSE&G
80 Park Plaza, Newark, New Jersey 07102
Filed pursuant to Order of Board of Public Utilities dated
in Docket No.

Effective:

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

XXX Revised Sheet No. 83

B.P.U.N.J. No. 15 ELECTRIC

**Superseding
XXX Revised Sheet No. 83**

**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	\$ 91,224.18 per MW per year
PJM Reallocation.....	\$ 988.08 per MW per year
PJM Seams Elimination Cost Assignment Charges	\$ 0.00 per MW per month
PJM Reliability Must Run Charge.....	\$ 0.00 per MW per month
PJM Transmission Enhancements	
Trans-Allegheny Interstate Line Company	\$ 104.68 per MW per month
Virginia Electric and Power Company	\$ 82.20 per MW per month
Potomac-Appalachian Transmission Highline L.L.C.	\$ 10.72 per MW per month
PPL Electric Utilities Corporation.....	\$ 53.39 per MW per month
American Electric Power Service Corporation	\$ 26.91 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.....	\$ 3.37 per MW per month

Above rates converted to a charge per kW of Transmission Obligation, applicable in all months.....	\$ 7.9770
Charge including New Jersey Sales and Use Tax (SUT)	\$ 8.5254

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.

Date of Issue:

Issued by SCOTT S. JENNINGS, Vice President Finance – PSE&G
80 Park Plaza, Newark, New Jersey 07102
Filed pursuant to Order of Board of Public Utilities dated
in Docket No.

Effective:

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

**Incremental Network Integration Service Calculation - BGS-RSCP
PJM PS Zone Reallocation Charges**

		<u>Effective 01/1/2017 - 12/31/2017</u>	
PSE&G Annual Transmission Service Revenue Requirement	\$	-	
Total Schedule 12 TEC Included in above	\$	-	
PSE&G Customer Share of Reallocated Schedule 12 NITS	\$	<u>9,480,938.08</u>	
Reallocated NITS Charges for Jan 2016 - Dec 2016 invoiced by PJM in 2017	\$	9,480,938.08	
PSE&G Zonal Transmission Load for Effective Yr. (MW) (1/1/16-12/31/16)		9,594.90	
Term (Months)		12	
OATT rate	\$	82.34 /MW/month	all values shown w/o NJ SUT
converted to \$/MW/yr =	\$	988.08 /MW/yr	Reallocated Charge
	\$	- /MW/yr	
	\$	- /MW/yr	
Resulting Increase in Transmission Rate	\$	- /MW/yr	
	\$	988.08 /MW/yr	
Resulting Increase in Transmission Rate	\$	82.34 /MW/month	

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	
Trans Obl - MW	3,756.9	25.7	72.3	0.0	0.0	3.0	0.0	0.0	= 2016 Trans Obligations
Total Annual Energy - MWh	12,371,327.1	159,712.7	220,782.8	1,426.0	30.0	16,697.1	160,628.0	287,511.0	= 2016/2017 BGS-RSCP Load Fore
Change in energy charge									
in \$/MWh	\$ 0.3001	\$ 0.1590	\$ 0.3234	\$ -	\$ -	\$ 0.1764	\$ -	\$ -	
in \$/kWh - rounded to 6 places	\$ 0.000300	\$ 0.000159	\$ 0.000323	\$ -	\$ -	\$ 0.000176	\$ -	\$ -	

Line #

1	Total BGS-RSCP Trans Obl	6,633.6 MW							= sum of BGS-RSCP eligible Trans Obl adjusted for migration
2	Total BGS-RSCP energy @ cust	24,216,290 MWh							= sum of BGS-RSCP eligible kWh @ cust adjusted for migration
3	Total BGS-RSCP energy @ trans nodes	25,990,884 MWh	unrounded						= (2) * loss expansion factor to trans node
4	Change in OATT rate * total Trans Obl	\$ 6,554,527	unrounded						= Change in OATT rate * Total BGS-RSCP eligible Trans Obl adjusted for migration
5	Change in Average Supplier Payment Rate	\$ 0.2522 /MWh	unrounded						= (4) / (3)
6	Change in Average Supplier Payment Rate	\$ 0.25 /MWh	rounded to 2 decimal places						= (5) rounded to 2 decimal places
7	Proposed Total Supplier Payment	\$ 6,497,721	unrounded						= (6) * (3)
8	Difference due to rounding	\$ (56,807)	unrounded						= (7) - (4)

Attachment 3
PSE&G Project Charges Filed December 17th, 2015

Attachment 3 - PJM Schedule 12 - Transmission Enhancement Charges for January 2016 - December 2016
Calculation of costs and monthly PJM charges for PSE&G Projects

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Required Transmission Enhancement <i>per PJM website</i>	PJM Upgrade ID <i>per PJM spreadsheet</i>	Jan - Dec 2016 Annual Revenue Requirement <i>per PJM website</i>	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share ^{1,2}	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
			<i>per PJM Open Access Transmission Tariff</i>								
Replace all derated Branchburg 500/230 kV transformers	b0130	\$ 3,071,297.20	1.36%	47.63%	50.75%	0.00%	\$41,770	\$1,462,859	\$1,558,683	\$0	\$3,063,312
Reconductor Kittatinny - Newtown 230 kV with 1590 ACSS	b0134	\$ 1,240,095.29	0.00%	51.11%	45.96%	2.93%	\$0	\$633,813	\$569,948	\$36,335	\$1,240,095
Build new Essex - Aldene 230 kV cable connected through phase angle regulator at Essex	b0145	\$ 13,394,967.82	0.00%	73.45%	21.78%	4.77%	\$0	\$9,838,604	\$2,917,424	\$638,940	\$13,394,968
Install 4th 500/230 kV transformer at New Freedom	b0411	\$ 3,385,900.51	47.01%	7.04%	22.31%	0.00%	\$1,591,712	\$238,367	\$755,394	\$0	\$2,585,474
Replace wave trap at Branchburg 500kV substation	b0172.2	\$ 2,285.29	1.53%	3.54%	5.97%	0.25%	\$35	\$81	\$136	\$6	\$258
Reconductor the Flagtown-Somerville-Bridgewater 230 kV circuit with 1590 ACSS	b0170	\$ 1,114,815.03	0.00%	42.95%	38.36%	0.79%	\$0	\$478,813	\$427,643	\$8,807	\$915,263
Loop the 5021 circuit into New Freedom 500 kV substation	b0498	\$ 2,982,831.59	1.53%	3.54%	5.97%	0.25%	\$45,637	\$105,592	\$178,075	\$7,457	\$336,762
Install 230-138kV transformer at Metuchen substation	b0161	\$ 4,249,279.62	0.00%	0.00%	99.80%	0.20%	\$0	\$0	\$4,240,781	\$8,499	\$4,249,280
Build a new 230 kV section from Branchburg - Flagtown and move the Flagtown - Somerville 230 kV circuit to the new section	b0169	\$ 976,747.43	1.70%	25.66%	58.96%	0.00%	\$16,605	\$250,633	\$575,890	\$0	\$843,128
Replace both 230/138 kV transformers at Roseland	b0274	\$ 3,067,264.47	0.00%	0.00%	88.56%	0.00%	\$0	\$0	\$2,716,369	\$0	\$2,716,369
Reconductor Hudson - South Waterfront 230kV circuit	b0813	\$ 1,203,471.24	0.00%	9.92%	83.73%	3.12%	\$0	\$119,384	\$1,007,666	\$37,548	\$1,164,599
Reconductor South Mahwah 345 kV J-3410 Circuit	b1017	\$ 3,454,222.48	0.00%	14.69%	32.84%	1.28%	\$0	\$507,425	\$1,134,367	\$44,214	\$1,686,006
Reconductor South Mahwah 345 kV K-3411 Circuit	b1018	\$ 2,877,378.88	0.00%	14.77%	32.74%	1.28%	\$0	\$424,989	\$942,054	\$36,830	\$1,403,873
Replace Salem 500 kV breakers	b1410-b1415	\$ 3,750,334.87	1.53%	3.54%	5.97%	0.25%	\$57,380	\$132,762	\$223,895	\$9,376	\$423,413
Branchburg 400 MVAR Capacitor	b0290	\$ 17,144,700.59	1.53%	3.54%	5.97%	0.25%	\$262,314	\$606,922	\$1,023,539	\$42,862	\$1,935,637
Saddle Brook - Athenia Upgrade Cable	b0472	\$ 2,940,449.14	0.00%	0.00%	92.86%	3.47%	\$0	\$0	\$2,730,501	\$102,034	\$2,832,535
Branchburg-Somerville-Flagtown Reconductor	b0664-b0665	\$ 5,138,662.23	0.00%	36.35%	43.24%	1.61%	\$0	\$1,867,904	\$2,221,958	\$82,732	\$4,172,594
Somerville -Bridgewater Reconductor	b0668	\$ 1,396,346.28	0.00%	39.41%	38.76%	1.45%	\$0	\$550,300	\$541,224	\$20,247	\$1,111,771
New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie	b0814	\$ 14,219,398.91	0.00%	23.49%	67.03%	2.50%	\$0	\$3,340,137	\$9,531,263	\$355,485	\$13,226,885
230kV Lawrence Switching Station Upgrade	b1228	\$ 3,260,909.34	0.00%	0.00%	95.83%	3.81%	\$0	\$0	\$3,124,929	\$124,241	\$3,249,170
Ridge Rd 69kV Breaker Station	b1255	\$ 2,807,870.91	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$2,700,610	\$107,261	\$2,807,871
New Cox's Corner-Lumberton 230kV Circuit	b1787	\$ 4,125,793.09	4.96%	44.20%	48.08%	1.92%	\$204,639	\$1,823,601	\$1,983,681	\$79,215	\$4,091,136
Sewaren Switch 230kV Convers.	b2276	\$ 9,480,938.08	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Bergen Substation Transformer	b1082	\$ (1,822,685.13)	0.00%	0.00%	80.29%	3.19%	\$0	\$0	-\$1,463,434	-\$58,144	-\$1,521,578

Attachment 3 - PJM Schedule 12 - Transmission Enhancement Charges for January 2016 - December 2016
Calculation of costs and monthly PJM charges for PSE&G Projects

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Required Transmission Enhancement <i>per PJM website</i>	PJM Upgrade ID <i>per PJM spreadsheet</i>	Jan - Dec 2016 Annual Revenue Requirement <i>per PJM website</i>	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share ^{1,2}	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
			<i>per PJM Open Access Transmission Tariff</i>								
Upgrade Camden Richmon 230kV	b1590	\$ 1,767,770.54	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Uprate Eagle Point-Gloucester 230 kV Circuit	b1588	\$ 1,654,204.43	0.00%	10.31%	54.17%	2.16%	\$0	\$170,548	\$896,083	\$35,731	\$1,102,362
Build Mickleton-Gloucester Corridor Ultimate Design	b2139	\$ 2,525,192.28	0.00%	0.00%	61.11%	2.44%	\$0	\$0	\$1,543,145	\$61,615	\$1,604,760
Branchburg-Middlesex Sw Rack	b1155	\$ 13,935,900.56	0.00%	4.61%	91.75%	3.64%	\$0	\$642,445	\$12,786,189	\$507,267	\$13,935,901
Aldene-Springfield Rd. Conv	b1399	\$ 9,579,949.84	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$9,213,996	\$365,954	\$9,579,950
Susquehanna Roseland Breakers (In-Service)	b0489.5-.15	\$ 283,758.12	1.53%	3.54%	5.97%	0.25%	\$4,341	\$10,045	\$16,940	\$709	\$32,036
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	\$ 6,316,485.41	5.07%	32.57%	40.51%	1.51%	\$320,246	\$2,057,279	\$2,558,808	\$95,379	\$5,031,712
Susquehanna Roseland <500kV (CWIP)	b0489.4	\$ (5,604,287.23)	5.07%	32.57%	40.51%	1.51%	-\$284,137	-\$1,825,316	-\$2,270,297	-\$84,625	-\$4,464,375
Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project)	b0489	\$ 127,132,901.55	1.53%	3.54%	5.97%	0.25%	\$1,945,133	\$4,500,505	\$7,589,834	\$317,832	\$14,353,305
Susquehanna Roseland >500kV CWIP	b0489	\$ (20,263,143.38)	1.53%	3.54%	5.97%	0.25%	-\$310,026	-\$717,315	-\$1,209,710	-\$50,658	-\$2,287,709
Burlington - Camden 230kV Conversion	b1156	\$ 42,580,414.02	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$40,953,842	\$1,626,572	\$42,580,414
Burlington - Camden 230kV Conversion (CWIP)	b1156	\$ 9,513,868.01	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$9,150,438	\$363,430	\$9,513,868
West Orange Conversion (North Central Reliability)	b1154	\$ 48,245,193.71	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$46,402,227	\$1,842,966	\$48,245,194
West Orange Conversion (North Central Reliability) (CWIP)	b1154	\$ (2,347,819.55)	0.00%	0.00%	96.18%	3.82%	\$0	\$0	-\$2,258,133	-\$89,687	-\$2,347,820
Mickleton-Gloucester-Camden	b1398-b1398.7	\$ 64,428,974.94	0.00%	12.82%	31.46%	1.25%	\$0	\$8,259,795	\$20,269,356	\$805,362	\$29,334,512
Mickleton-Gloucester-Camden (CWIP)	b1398-b1398.7	\$ (7,214,890.91)	0.00%	12.82%	31.46%	1.25%	\$0	-\$924,949	-\$2,269,805	-\$90,186	-\$3,284,940
Northeast Grid Reliability Project	b1304.1-b1304.4	\$ 119,666,665.77	0.21%	1.06%	63.81%	2.53%	\$251,300	\$1,268,467	\$76,359,299	\$3,027,567	\$80,906,633
Northeast Grid Reliability Project (CWIP)	b1304.1-b1304.4	\$ (19,851,347.56)	0.21%	1.06%	63.81%	2.53%	-\$41,688	-\$210,424	-\$12,667,145	-\$502,239	-\$13,421,496
Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.21	\$ 1,480,229.77	0.77%	1.77%	2.99%	0.13%	\$11,324	\$26,200	\$44,185	\$1,850	\$83,559
Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (CWIP)	b2436.21	\$ 1,492,254.38	0.77%	1.77%	2.99%	0.13%	\$11,416	\$26,413	\$44,544	\$1,865	\$84,238

Attachment 3 - PJM Schedule 12 - Transmission Enhancement Charges for January 2016 - December 2016
Calculation of costs and monthly PJM charges for PSE&G Projects

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Required Transmission Enhancement <i>per PJM website</i>	PJM Upgrade ID <i>per PJM spreadsheet</i>	Jan - Dec 2016 Annual Revenue Requirement <i>per PJM website</i>	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share ^{1,2}	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
			<i>per PJM Open Access Transmission Tariff</i>								
Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.22	\$ 1,480,229.77	0.77%	1.77%	2.99%	0.13%	\$11,324	\$26,200	\$44,185	\$1,850	\$83,559
Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (CWIP)	b2436.22	\$ 1,127,508.97	0.77%	1.77%	2.99%	0.13%	\$8,625	\$19,957	\$33,656	\$1,409	\$63,648
Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (CWIP)	b2436.50	\$ 1,594,351.75	0.00%	0.00%	0.00%	0.00%					
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	\$ 1,030,613.90	0.00%	0.00%	0.00%	0.00%					
Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (CWIP)	b2436.70	\$ 1,853,412.12	0.00%	0.00%	0.00%	0.00%					
Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (CWIP)	b2436.81	\$ 1,145,297.49	0.77%	1.77%	37.57%	0.13%	\$8,762	\$20,272	\$430,288	\$1,432	\$460,753
Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (CWIP)	b2436.83	\$ 1,145,297.49	0.77%	1.77%	37.57%	0.13%	\$8,762	\$20,272	\$430,288	\$1,432	\$460,753
Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades	b2436.90	\$ 2,047,239.69	0.77%	1.77%	2.99%	0.13%	\$15,661	\$36,236	\$61,110	\$2,559	\$115,567
Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (CWIP)	b2436.90	\$ 1,150,052.66	0.77%	1.77%	2.99%	0.13%	\$8,798	\$20,356	\$34,329	\$1,438	\$64,920
New Bergen 345/230 kV transformer and any associated substation upgrades	b2437.10	\$ 1,898,793.54	0.00%	0.00%	3.31%	0.13%	\$0	\$0	\$62,825	\$2,468	\$65,294
New Bergen 345/230 kV transformer and any associated substation upgrades (CWIP)	b2437.10	\$ 1,561,800.55	0.00%	0.00%	3.31%	0.13%	\$0	\$0	\$51,675	\$2,030	\$53,706
New Bergen 345/138 kV transformer #1 and any associated substation upgrades	b2437.11	\$ 1,898,793.54	0.00%	0.00%	0.00%	0.00%					
New Bergen 345/138 kV transformer #1 and any associated substation upgrades (CWIP)	b2437.11	\$ 1,561,986.10	0.00%	0.00%	0.00%	0.00%					

Attachment 3 - PJM Schedule 12 - Transmission Enhancement Charges for January 2016 - December 2016
Calculation of costs and monthly PJM charges for PSE&G Projects

Required Transmission Enhancement <i>per PJM website</i>	PJM Upgrade ID <i>per PJM spreadsheet</i>	Jan - Dec 2016 Annual Revenue Requirement <i>per PJM website</i>	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share ^{1,2}	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
New Bayway 345/138 kV transformer #1 and any associated substation upgrades (CWIP)	b2437.20	\$ 644,576.28	0.00%	0.00%	0.00%	0.00%					
New Bayway 345/138 kV transformer #2 and any associated substation upgrades (CWIP)	b2437.21	\$ 644,666.17	0.00%	0.00%	0.00%	0.00%					
New Linden 345/230 kV transformer and any associated substation upgrades (CWIP)	b2437.30	\$ 866,558.50	0.00%	0.00%	0.00%	0.00%					
Totals		\$ 520,436,728.38					\$4,189,932	\$35,809,171	\$247,944,753	\$9,935,268	\$297,879,123

Notes on calculations >>>

= (a) * (b) = (a) * (c) = (a) * (d) = (a) * (e) = (f) + (g) +

Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 2016	2016 Trans. Peak Load ²	Rate in \$/MW-mo. ¹	2016 Impact (12 months)
PSE&G	\$ 20,662,062.74	9,594.9	\$ 2,153.44	\$ 247,944,753
JCP&L	\$ 2,984,097.56	5,818.1	\$ 512.90	\$ 35,809,171
ACE	\$ 349,161.03	2,552.8	\$ 136.78	\$ 4,189,932
RE	\$ 827,938.97	397.7	\$ 2,081.82	\$ 9,935,268
Total Impact on NJ Zones	\$ 24,823,260.29	18,363.5		\$ 297,879,123

Notes on calculations >>>

= (k) / (l) = (k) *12

Notes:

- 1) Uncompressed rate - assumes implementation on January 1, 2016
- 2) Data on PJM website

Attachment 4
PSE&G Project Charges Filed May 4th, 2016

Attachment 4 - PJM Schedule 12 - Transmission Enhancement Charges for May 2016 - December 2016
Calculation of costs and monthly PJM charges for PSE&G Projects

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Required Transmission Enhancement <i>per PJM website</i>	PJM Upgrade ID <i>per PJM spreadsheet</i>	May - Dec 2016 Annual Revenue Requirement <i>per PJM website</i>	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share ^{1,2}	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
			<i>per PJM Open Access Transmission Tariff</i>								
Replace all derated Branchburg 500/230 kva transformers	b0130	\$ 3,071,297.20	1.36%	47.63%	50.75%	0.00%	\$41,770	\$1,462,859	\$1,558,683	\$0	\$3,063,312
Reconductor Kittatinny - Newtown 230 kV with 1590 ACSS	b0134	\$ 1,240,095.29	0.00%	51.11%	45.96%	2.93%	\$0	\$633,813	\$569,948	\$36,335	\$1,240,095
Build new Essex - Aldene 230 kV cable connected through phase angle regulator at Essex	b0145	\$ 13,394,967.82	0.00%	73.45%	21.78%	4.77%	\$0	\$9,838,604	\$2,917,424	\$638,940	\$13,394,968
Install 4th 500/230 kV transformer at New Freedom	b0411	\$ 3,385,900.51	47.01%	7.04%	22.31%	0.00%	\$1,591,712	\$238,367	\$755,394	\$0	\$2,585,474
Replace wave trap at Branchburg 500kV substation	b0172.2	\$ 2,285.29	1.57%	3.57%	5.89%	0.24%	\$36	\$82	\$135	\$5	\$258
Reconductor the Flagtown-Somerville-Bridgewater 230 kV circuit with 1590 ACSS	b0170	\$ 1,114,815.03	0.00%	42.95%	38.36%	0.79%	\$0	\$478,813	\$427,643	\$8,807	\$915,263
Loop the 5021 circuit into New Freedom 500 kV substation	b0498	\$ 2,982,831.59	1.57%	3.57%	5.89%	0.24%	\$46,830	\$106,487	\$175,689	\$7,159	\$336,165
Install 230-138kV transformer at Metuchen substation	b0161	\$ 4,249,279.62	0.00%	0.00%	99.80%	0.20%	\$0	\$0	\$4,240,781	\$8,499	\$4,249,280
Build a new 230 kV section from Branchburg - Flagtown and move the Flagtown - Somerville 230 kV circuit to the new section	b0169	\$ 976,747.43	1.70%	25.66%	58.96%	0.00%	\$16,605	\$250,633	\$575,890	\$0	\$843,128
Replace both 230/138 kV transformers at Roseland	b0274	\$ 3,067,264.47	0.00%	0.00%	88.56%	0.00%	\$0	\$0	\$2,716,369	\$0	\$2,716,369
Reconductor Hudson - South Waterfront 230kV circuit	b0813	\$ 1,203,471.24	0.00%	9.92%	83.73%	3.12%	\$0	\$119,384	\$1,007,666	\$37,548	\$1,164,599
Reconductor South Mahwah 345 kV J-3410 Circuit	b1017	\$ 3,454,222.48	0.00%	14.69%	32.84%	1.28%	\$0	\$507,425	\$1,134,367	\$44,214	\$1,686,006
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Replace Salem 500 kV breakers	b1410-b1415	\$ 3,750,334.87	1.57%	3.57%	5.89%	0.24%	\$58,880	\$133,887	\$220,895	\$9,001	\$422,663
Branchburg 400 MVAR Capacitor	b0290	\$ 17,144,700.59	1.57%	3.57%	5.89%	0.24%	\$269,172	\$612,066	\$1,009,823	\$41,147	\$1,932,208
Saddle Brook - Athenia Upgrade Cable	b0472	\$ 2,940,449.14	0.00%	0.00%	92.86%	3.47%	\$0	\$0	\$2,730,501	\$102,034	\$2,832,535
Branchburg-Somerville-Flagtown Reconductor	b0664-b0665	\$ 5,138,662.23	0.00%	36.35%	43.24%	1.61%	\$0	\$1,867,904	\$2,221,958	\$82,732	\$4,172,594
Somerville -Bridgewater Reconductor	b0668	\$ 1,396,346.28	0.00%	39.41%	38.76%	1.45%	\$0	\$550,300	\$541,224	\$20,247	\$1,111,771
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230kV Lawrence Switching Station Upgrade	b1228	\$ 3,260,909.34	0.00%	0.00%	95.83%	3.81%	\$0	\$0	\$3,124,929	\$124,241	\$3,249,170
Ridge Rd 69kV Breaker Station	b1255	\$ 2,807,870.91	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$2,700,610	\$107,261	\$2,807,871
New Cox's Corner-Lumberton 230kV Circuit	b1787	\$ 4,125,793.09	4.96%	44.20%	48.08%	1.92%	\$204,639	\$1,823,601	\$1,983,681	\$79,215	\$4,091,136
Sewaren Switch 230kV Convers.	b2276	\$ 9,480,938.08	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Bergen Substation Transformer	b1082	\$ (1,822,685.13)	0.00%	0.00%	80.29%	3.19%	\$0	\$0	-\$1,463,434	-\$58,144	-\$1,521,578

Attachment 4 - PJM Schedule 12 - Transmission Enhancement Charges for May 2016 - December 2016
Calculation of costs and monthly PJM charges for PSE&G Projects

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
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			<i>per PJM Open Access Transmission Tariff</i>								
Upgrade Camden Richmon 230kV	b1590	\$ 1,767,770.54	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Uprate Eagle Point-Gloucester 230 kV Circuit	b1588	\$ 1,654,204.43	0.00%	10.31%	54.17%	2.16%	\$0	\$170,548	\$896,083	\$35,731	\$1,102,362
Build Mickleton-Gloucester Corridor Ultimate Design	b2139	\$ 2,525,192.28	0.00%	0.00%	61.11%	2.44%	\$0	\$0	\$1,543,145	\$61,615	\$1,604,760
Branchburg-Middlesex Sw Rack	b1155	\$ 13,935,900.56	0.00%	4.61%	91.75%	3.64%	\$0	\$642,445	\$12,786,189	\$507,267	\$13,935,901
Aldene-Springfield Rd. Conv	b1399	\$ 9,579,949.84	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$9,213,996	\$365,954	\$9,579,950
Susquehanna Roseland Breakers (In-Service)	b0489.5-.9	\$ 283,758.12	1.57%	3.57%	5.89%	0.24%	\$4,455	\$10,130	\$16,713	\$681	\$31,980
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	\$ 6,316,485.41	5.07%	32.57%	40.51%	1.51%	\$320,246	\$2,057,279	\$2,558,808	\$95,379	\$5,031,712
Susquehanna Roseland <500kV (CWIP)	b0489.4	\$ (5,604,287.23)	5.07%	32.57%	40.51%	1.51%	-\$284,137	-\$1,825,316	-\$2,270,297	-\$84,625	-\$4,464,375
Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project)	b0489	\$ 127,132,901.55	1.57%	3.57%	5.89%	0.24%	\$1,995,987	\$4,538,645	\$7,488,128	\$305,119	\$14,327,878
Susquehanna Roseland >500kV CWIP	b0489	\$ (20,263,143.38)	1.57%	3.57%	5.89%	0.24%	-\$318,131	-\$723,394	-\$1,193,499	-\$48,632	-\$2,283,656
Burlington - Camden 230kV Conversion	b1156	\$ 42,580,414.02	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$40,953,842	\$1,626,572	\$42,580,414
Burlington - Camden 230kV Conversion (CWIP)	b1156	\$ 9,513,868.01	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$9,150,438	\$363,430	\$9,513,868
West Orange Conversion (North Central Reliability)	b1154	\$ 48,245,193.71	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$46,402,227	\$1,842,966	\$48,245,194
West Orange Conversion (North Central Reliability) (CWIP)	b1154	\$ (2,347,819.55)	0.00%	0.00%	96.18%	3.82%	\$0	\$0	-\$2,258,133	-\$89,687	-\$2,347,820
Mickleton-Gloucester-Camden	b1398-b1398.7	\$ 64,428,974.94	0.00%	12.82%	31.46%	1.25%	\$0	\$8,259,795	\$20,269,356	\$805,362	\$29,334,512
Mickleton-Gloucester-Camden (CWIP)	b1398-b1398.7	\$ (7,214,890.91)	0.00%	12.82%	31.46%	1.25%	\$0	-\$924,949	-\$2,269,805	-\$90,186	-\$3,284,940
Northeast Grid Reliability Project	b1304.1-b1304.4	\$ 119,666,665.77	0.21%	1.06%	63.81%	2.53%	\$251,300	\$1,268,467	\$76,359,299	\$3,027,567	\$80,906,633
Northeast Grid Reliability Project (CWIP)	b1304.1-b1304.4	\$ (19,851,347.56)	0.21%	1.06%	63.81%	2.53%	-\$41,688	-\$210,424	-\$12,667,145	-\$502,239	-\$13,421,496
Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.21	\$ 1,480,229.77	0.79%	1.79%	2.95%	0.12%	\$11,620	\$26,422	\$43,593	\$1,776	\$83,411
Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (CWIP)	b2436.21	\$ 1,492,254.38	0.79%	1.79%	2.95%	0.12%	\$11,714	\$26,637	\$43,947	\$1,791	\$84,089

Attachment 4 - PJM Schedule 12 - Transmission Enhancement Charges for May 2016 - December 2016
Calculation of costs and monthly PJM charges for PSE&G Projects

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Required Transmission Enhancement <i>per PJM website</i>	PJM Upgrade ID <i>per PJM spreadsheet</i>	May - Dec 2016 Annual Revenue Requirement <i>per PJM website</i>	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share ^{1,2}	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
			<i>per PJM Open Access Transmission Tariff</i>								
Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.22	\$ 1,480,229.77	0.79%	1.79%	2.95%	0.12%	\$11,620	\$26,422	\$43,593	\$1,776	\$83,411
Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (CWIP)	b2436.22	\$ 1,127,508.97	0.79%	1.79%	2.95%	0.12%	\$8,851	\$20,126	\$33,205	\$1,353	\$63,535
Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (CWIP)	b2436.50	\$ 1,594,351.75	0.00%	0.00%	0.00%	0.00%					
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	\$ 1,030,613.90	0.00%	0.00%	0.00%	0.00%					
Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (CWIP)	b2436.70	\$ 1,853,412.12	0.00%	0.00%	0.00%	0.00%					
Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (CWIP)	b2436.81	\$ 1,145,297.49	0.79%	1.79%	37.53%	1.48%	\$8,991	\$20,444	\$429,830	\$16,893	\$476,157
Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (CWIP)	b2436.83	\$ 1,145,297.49	0.79%	1.79%	37.53%	1.48%	\$8,991	\$20,444	\$429,830	\$16,893	\$476,157
Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades	b2436.90	\$ 2,047,239.69	0.79%	1.79%	2.95%	0.12%	\$16,071	\$36,543	\$60,291	\$2,457	\$115,362
Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (CWIP)	b2436.90	\$ 1,150,052.66	0.79%	1.79%	2.95%	0.12%	\$9,028	\$20,528	\$33,869	\$1,380	\$64,805
New Bergen 345/230 kV transformer and any associated substation upgrades	b2437.10	\$ 1,898,793.54	0.00%	0.00%	3.31%	0.13%	\$0	\$0	\$62,825	\$2,468	\$65,294
New Bergen 345/230 kV transformer and any associated substation upgrades (CWIP)	b2437.10	\$ 1,561,800.55	0.00%	0.00%	3.31%	0.13%	\$0	\$0	\$51,675	\$2,030	\$53,706
New Bergen 345/138 kV transformer #1 and any associated substation upgrades	b2437.11	\$ 1,898,793.54	0.00%	0.00%	0.00%	0.00%					
New Bergen 345/138 kV transformer #1 and any associated substation upgrades (CWIP)	b2437.11	\$ 1,561,986.10	0.00%	0.00%	0.00%	0.00%					

Attachment 4 - PJM Schedule 12 - Transmission Enhancement Charges for May 2016 - December 2016
Calculation of costs and monthly PJM charges for PSE&G Projects

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	May - Dec 2016 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project					
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share ^{1,2}	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges	
New Bayway 345/138 kV transformer #1 and any associated substation upgrades (CWIP)	b2437.20	\$ 644,576.28	0.00%	0.00%	0.00%	0.00%						
New Bayway 345/138 kV transformer #2 and any associated substation upgrades (CWIP)	b2437.21	\$ 644,666.17	0.00%	0.00%	0.00%	0.00%						
New Linden 345/230 kV transformer and any associated substation upgrades (CWIP)	b2437.30	\$ 866,558.50	0.00%	0.00%	0.00%	0.00%						
Convert Bergen Marion 138 kV to double circuit 345kV and Sub	b2436.10_dfax	\$ 8,942,408.50	0.00%	0.00%	0.96%	0.04%	\$0	\$0	\$85,847	\$3,389	\$89,237	
Convert Bergen Marion 138 kV to double circuit 345kV and Sub	b2436.10	\$ 8,942,408.50	1.57%	3.57%	5.89%	0.24%	\$140,396	\$319,244	\$526,708	\$21,462	\$1,007,809	
Construct New Bayway-Bayonne 345kV Circuit	b2436.33	\$ 2,966,412.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0	
Construct New North Ave-Bayonne 345kV Circuit	b2436.34	\$ 1,698,923.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0	
Convert Bayway-Linden "W" to 138kV circuit to 345kV	b2436.84_dfax	\$ 651,092.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0	
Convert Bayway-Linden "W" to 138kV circuit to 345kV	b2436.84	\$ 651,092.00	1.57%	3.57%	5.89%	0.24%	\$10,222	\$23,244	\$38,349	\$1,563	\$73,378	
Convert Bayway-Linden "M" to 138kV circuit to 345kV	b2436.85_dfax	\$ 651,092.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0	
Convert Bayway-Linden "M" to 138kV circuit to 345kV	b2436.85	\$ 651,092.00	1.57%	3.57%	5.89%	0.24%	\$10,222	\$23,244	\$38,349	\$1,563	\$73,378	
New Bayonne 345/69 kV Transformer and Sub Upgrades	b2437.33	\$ 152,043.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0	
Totals		\$ 545,743,291.38					\$4,405,399	\$36,215,873	\$248,524,752	\$9,980,625	\$299,126,650	

Notes on calculations >>>

	(k)	(l)	(m)	(n)	(o)	= (a) * (b)	= (a) * (c)	= (a) * (d)	= (a) * (e)	= (f) + (g) +
Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 2016	2016 Trans. Peak Load ²	Rate in \$/MW-mo. ¹	2016 Impact (12 months)						
PSE&G	\$ 20,710,396.02	9,594.9	\$ 2,158.48	\$ 248,524,752						
JCP&L	\$ 3,017,989.41	5,818.1	\$ 518.72	\$ 36,215,873						
ACE	\$ 367,116.62	2,552.8	\$ 143.81	\$ 4,405,399						
RE	\$ 831,718.74	397.7	\$ 2,091.32	\$ 9,980,625						
Total Impact on NJ Zones	\$ 24,927,220.80	18,363.5		\$ 299,126,650						

Notes on calculations >>>

Notes:

- 1) Uncompressed rate - assumes implementation on May 1, 2016
- 2) Data on PJM website

= (k) / (l) = (k) * 12

Attachment 3R
PSE&G Project Charges Filed December 17th, 2015 REVISED

Attachment 3R - REVISED PJM Schedule 12 - Transmission Enhancement Charges for January 2016 - December 2016
Calculation of costs and monthly PJM charges for PSE&G Projects

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Required Transmission Enhancement <i>per PJM website</i>	PJM Upgrade ID <i>per PJM spreadsheet</i>	Jan - Dec 2016 Annual Revenue Requirement <i>per PJM website</i>	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share ^{1,2}	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
			<i>per PJM Open Access Transmission Tariff</i>								
Replace all derated Branchburg 500/230 kV transformers	b0130	\$ 3,071,297.20	1.36%	47.63%	50.75%	0.00%	\$41,770	\$1,462,859	\$1,558,683	\$0	\$3,063,312
Reconductor Kittatinny - Newtown 230 kV with 1590 ACSS	b0134	\$ 1,240,095.29	0.00%	51.11%	45.96%	2.93%	\$0	\$633,813	\$569,948	\$36,335	\$1,240,095
Build new Essex - Aldene 230 kV cable connected through phase angle regulator at Essex	b0145	\$ 13,394,967.82	0.00%	73.45%	21.78%	4.77%	\$0	\$9,838,604	\$2,917,424	\$638,940	\$13,394,968
Install 4th 500/230 kV transformer at New Freedom	b0411	\$ 3,385,900.51	47.01%	7.04%	22.31%	0.00%	\$1,591,712	\$238,367	\$755,394	\$0	\$2,585,474
Replace wave trap at Branchburg 500kV substation	b0172.2	\$ 2,285.29	1.53%	3.54%	5.97%	0.25%	\$35	\$81	\$136	\$6	\$258
Reconductor the Flagtown-Somerville-Bridgewater 230 kV circuit with 1590 ACSS	b0170	\$ 1,114,815.03	0.00%	42.95%	38.36%	0.79%	\$0	\$478,813	\$427,643	\$8,807	\$915,263
Loop the 5021 circuit into New Freedom 500 kV substation	b0498	\$ 2,982,831.59	1.53%	3.54%	5.97%	0.25%	\$45,637	\$105,592	\$178,075	\$7,457	\$336,762
Install 230-138kV transformer at Metuchen substation	b0161	\$ 4,249,279.62	0.00%	0.00%	99.80%	0.20%	\$0	\$0	\$4,240,781	\$8,499	\$4,249,280
Build a new 230 kV section from Branchburg - Flagtown and move the Flagtown - Somerville 230 kV circuit to the new section	b0169	\$ 976,747.43	1.70%	25.66%	58.96%	0.00%	\$16,605	\$250,633	\$575,890	\$0	\$843,128
Replace both 230/138 kV transformers at Roseland	b0274	\$ 3,067,264.47	0.00%	0.00%	88.56%	0.00%	\$0	\$0	\$2,716,369	\$0	\$2,716,369
Reconductor Hudson - South Waterfront 230kV circuit	b0813	\$ 1,203,471.24	0.00%	9.92%	83.73%	3.12%	\$0	\$119,384	\$1,007,666	\$37,548	\$1,164,599
Reconductor South Mahwah 345 kV J-3410 Circuit	b1017	\$ 3,454,222.48	0.00%	14.69%	32.84%	1.28%	\$0	\$507,425	\$1,134,367	\$44,214	\$1,686,006
Reconductor South Mahwah 345 kV K-3411 Circuit	b1018	\$ 2,877,378.88	0.00%	14.77%	32.74%	1.28%	\$0	\$424,989	\$942,054	\$36,830	\$1,403,873
Replace Salem 500 kV breakers	b1410-b1415	\$ 3,750,334.87	1.53%	3.54%	5.97%	0.25%	\$57,380	\$132,762	\$223,895	\$9,376	\$423,413
Branchburg 400 MVAR Capacitor	b0290	\$ 17,144,700.59	1.53%	3.54%	5.97%	0.25%	\$262,314	\$606,922	\$1,023,539	\$42,862	\$1,935,637
Saddle Brook - Athenia Upgrade Cable	b0472	\$ 2,940,449.14	0.00%	0.00%	92.86%	3.47%	\$0	\$0	\$2,730,501	\$102,034	\$2,832,535
Branchburg-Somerville-Flagtown Reconductor	b0664-b0665	\$ 5,138,662.23	0.00%	36.35%	43.24%	1.61%	\$0	\$1,867,904	\$2,221,958	\$82,732	\$4,172,594
Somerville -Bridgewater Reconductor	b0668	\$ 1,396,346.28	0.00%	39.41%	38.76%	1.45%	\$0	\$550,300	\$541,224	\$20,247	\$1,111,771
New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie	b0814	\$ 14,219,398.91	0.00%	23.49%	67.03%	2.50%	\$0	\$3,340,137	\$9,531,263	\$355,485	\$13,226,885
230kV Lawrence Switching Station Upgrade	b1228	\$ 3,260,909.34	0.00%	0.00%	95.83%	3.81%	\$0	\$0	\$3,124,929	\$124,241	\$3,249,170
Ridge Rd 69kV Breaker Station	b1255	\$ 2,807,870.91	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$2,700,610	\$107,261	\$2,807,871
New Cox's Corner-Lumberton 230kV Circuit	b1787	\$ 4,125,793.09	4.96%	44.20%	48.08%	1.92%	\$204,639	\$1,823,601	\$1,983,681	\$79,215	\$4,091,136
Sewaren Switch 230kV Convers.	b2276	\$ 9,480,938.08	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$9,480,938	\$0	\$9,480,938
Bergen Substation Transformer	b1082	\$ (1,822,685.13)	0.00%	0.00%	80.29%	3.19%	\$0	\$0	-\$1,463,434	-\$58,144	-\$1,521,578

Attachment 3R - REVISED PJM Schedule 12 - Transmission Enhancement Charges for January 2016 - December 2016
Calculation of costs and monthly PJM charges for PSE&G Projects

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Required Transmission Enhancement <i>per PJM website</i>	PJM Upgrade ID <i>per PJM spreadsheet</i>	Jan - Dec 2016 Annual Revenue Requirement <i>per PJM website</i>	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share ^{1,2}	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
Upgrade Camden Richmon 230kV	b1590	\$ 1,767,770.54	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Uprate Eagle Point-Gloucester 230 kV Circuit	b1588	\$ 1,654,204.43	0.00%	10.31%	54.17%	2.16%	\$0	\$170,548	\$896,083	\$35,731	\$1,102,362
Build Mickleton-Gloucester Corridor Ultimate Design	b2139	\$ 2,525,192.28	0.00%	0.00%	61.11%	2.44%	\$0	\$0	\$1,543,145	\$61,615	\$1,604,760
Branchburg-Middlesex Sw Rack	b1155	\$ 13,935,900.56	0.00%	4.61%	91.75%	3.64%	\$0	\$642,445	\$12,786,189	\$507,267	\$13,935,901
Aldene-Springfield Rd. Conv	b1399	\$ 9,579,949.84	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$9,213,996	\$365,954	\$9,579,950
Susquehanna Roseland Breakers (In-Service)	b0489.5-.15	\$ 283,758.12	1.53%	3.54%	5.97%	0.25%	\$4,341	\$10,045	\$16,940	\$709	\$32,036
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	\$ 6,316,485.41	5.07%	32.57%	40.51%	1.51%	\$320,246	\$2,057,279	\$2,558,808	\$95,379	\$5,031,712
Susquehanna Roseland <500kV (CWIP)	b0489.4	\$ (5,604,287.23)	5.07%	32.57%	40.51%	1.51%	-\$284,137	-\$1,825,316	-\$2,270,297	-\$84,625	-\$4,464,375
Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project)	b0489	\$ 127,132,901.55	1.53%	3.54%	5.97%	0.25%	\$1,945,133	\$4,500,505	\$7,589,834	\$317,832	\$14,353,305
Susquehanna Roseland >500kV CWIP	b0489	\$ (20,263,143.38)	1.53%	3.54%	5.97%	0.25%	-\$310,026	-\$717,315	-\$1,209,710	-\$50,658	-\$2,287,709
Burlington - Camden 230kV Conversion	b1156	\$ 42,580,414.02	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$40,953,842	\$1,626,572	\$42,580,414
Burlington - Camden 230kV Conversion (CWIP)	b1156	\$ 9,513,868.01	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$9,150,438	\$363,430	\$9,513,868
West Orange Conversion (North Central Reliability)	b1154	\$ 48,245,193.71	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$46,402,227	\$1,842,966	\$48,245,194
West Orange Conversion (North Central Reliability) (CWIP)	b1154	\$ (2,347,819.55)	0.00%	0.00%	96.18%	3.82%	\$0	\$0	-\$2,258,133	-\$89,687	-\$2,347,820
Mickleton-Gloucester-Camden	b1398-b1398.7	\$ 64,428,974.94	0.00%	12.82%	31.46%	1.25%	\$0	\$8,259,795	\$20,269,356	\$805,362	\$29,334,512
Mickleton-Gloucester-Camden (CWIP)	b1398-b1398.7	\$ (7,214,890.91)	0.00%	12.82%	31.46%	1.25%	\$0	-\$924,949	-\$2,269,805	-\$90,186	-\$3,284,940
Northeast Grid Reliability Project	b1304.1-b1304.4	\$ 119,666,665.77	0.21%	1.06%	63.81%	2.53%	\$251,300	\$1,268,467	\$76,359,299	\$3,027,567	\$80,906,633
Northeast Grid Reliability Project (CWIP)	b1304.1-b1304.4	\$ (19,851,347.56)	0.21%	1.06%	63.81%	2.53%	-\$41,688	-\$210,424	-\$12,667,145	-\$502,239	-\$13,421,496
Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.21	\$ 1,480,229.77	0.77%	1.77%	2.99%	0.13%	\$11,324	\$26,200	\$44,185	\$1,850	\$83,559
Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (CWIP)	b2436.21	\$ 1,492,254.38	0.77%	1.77%	2.99%	0.13%	\$11,416	\$26,413	\$44,544	\$1,865	\$84,238

Attachment 3R - REVISED PJM Schedule 12 - Transmission Enhancement Charges for January 2016 - December 2016
Calculation of costs and monthly PJM charges for PSE&G Projects

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Required Transmission Enhancement <i>per PJM website</i>	PJM Upgrade ID <i>per PJM spreadsheet</i>	Jan - Dec 2016 Annual Revenue Requirement <i>per PJM website</i>	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share ^{1,2}	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.22	\$ 1,480,229.77	0.77%	1.77%	2.99%	0.13%	\$11,324	\$26,200	\$44,185	\$1,850	\$83,559
Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (CWIP)	b2436.22	\$ 1,127,508.97	0.77%	1.77%	2.99%	0.13%	\$8,625	\$19,957	\$33,656	\$1,409	\$63,648
Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (CWIP)	b2436.50	\$ 1,594,351.75	0.00%	0.00%	0.00%	0.00%					
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	\$ 1,030,613.90	0.00%	0.00%	0.00%	0.00%					
Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (CWIP)	b2436.70	\$ 1,853,412.12	0.00%	0.00%	0.00%	0.00%					
Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (CWIP)	b2436.81	\$ 1,145,297.49	0.77%	1.77%	37.57%	0.13%	\$8,762	\$20,272	\$430,288	\$1,432	\$460,753
Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (CWIP)	b2436.83	\$ 1,145,297.49	0.77%	1.77%	37.57%	0.13%	\$8,762	\$20,272	\$430,288	\$1,432	\$460,753
Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades	b2436.90	\$ 2,047,239.69	0.77%	1.77%	2.99%	0.13%	\$15,661	\$36,236	\$61,110	\$2,559	\$115,567
Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (CWIP)	b2436.90	\$ 1,150,052.66	0.77%	1.77%	2.99%	0.13%	\$8,798	\$20,356	\$34,329	\$1,438	\$64,920
New Bergen 345/230 kV transformer and any associated substation upgrades	b2437.10	\$ 1,898,793.54	0.00%	0.00%	3.31%	0.13%	\$0	\$0	\$62,825	\$2,468	\$65,294
New Bergen 345/230 kV transformer and any associated substation upgrades (CWIP)	b2437.10	\$ 1,561,800.55	0.00%	0.00%	3.31%	0.13%	\$0	\$0	\$51,675	\$2,030	\$53,706
New Bergen 345/138 kV transformer #1 and any associated substation upgrades	b2437.11	\$ 1,898,793.54	0.00%	0.00%	0.00%	0.00%					
New Bergen 345/138 kV transformer #1 and any associated substation upgrades (CWIP)	b2437.11	\$ 1,561,986.10	0.00%	0.00%	0.00%	0.00%					

Attachment 3R - REVISED PJM Schedule 12 - Transmission Enhancement Charges for January 2016 - December 2016
Calculation of costs and monthly PJM charges for PSE&G Projects

Required Transmission Enhancement <i>per PJM website</i>	PJM Upgrade ID <i>per PJM spreadsheet</i>	Jan - Dec 2016 Annual Revenue Requirement <i>per PJM website</i>	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share ^{1,2}	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
New Bayway 345/138 kV transformer #1 and any associated substation upgrades (CWIP)	b2437.20	\$ 644,576.28	0.00%	0.00%	0.00%	0.00%					
New Bayway 345/138 kV transformer #2 and any associated substation upgrades (CWIP)	b2437.21	\$ 644,666.17	0.00%	0.00%	0.00%	0.00%					
New Linden 345/230 kV transformer and any associated substation upgrades (CWIP)	b2437.30	\$ 866,558.50	0.00%	0.00%	0.00%	0.00%					
Totals		\$ 520,436,728.38					\$4,189,932	\$35,809,171	\$257,425,691	\$9,935,268	\$307,360,062

Notes on calculations >>>

= (a) * (b) = (a) * (c) = (a) * (d) = (a) * (e) = (f) + (g) +

Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 2016	2016 Trans. Peak Load ²	Rate in \$/MW-mo. ¹	2016 Impact (12 months)
PSE&G	\$ 21,452,140.91	9,594.9	\$ 2,235.79	\$ 257,425,691
JCP&L	\$ 2,984,097.56	5,818.1	\$ 512.90	\$ 35,809,171
ACE	\$ 349,161.03	2,552.8	\$ 136.78	\$ 4,189,932
RE	\$ 827,938.97	397.7	\$ 2,081.82	\$ 9,935,268
Total Impact on NJ Zones	\$ 25,613,338.46	18,363.5		\$ 307,360,062

Notes on calculations >>>

= (k) / (l) = (k) *12

Notes:

- 1) Uncompressed rate - assumes implementation on January 1, 2016
- 2) Data on PJM website

Attachment 4R
PSE&G Project Charges Filed May 4th, 2016 REVISED

Attachment 4R - REVISED PJM Schedule 12 - Transmission Enhancement Charges for May 2016 - December 2016
Calculation of costs and monthly PJM charges for PSE&G Projects

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Required Transmission Enhancement <i>per PJM website</i>	PJM Upgrade ID <i>per PJM spreadsheet</i>	May - Dec 2016 Annual Revenue Requirement <i>per PJM website</i>	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share ^{1,2}	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
			<i>per PJM Open Access Transmission Tariff</i>								
Replace all derated Branchburg 500/230 kV transformers	b0130	\$ 3,071,297.20	1.36%	47.63%	50.75%	0.00%	\$41,770	\$1,462,859	\$1,558,683	\$0	\$3,063,312
Reconductor Kittatinny - Newtown 230 kV with 1590 ACSS	b0134	\$ 1,240,095.29	0.00%	51.11%	45.96%	2.93%	\$0	\$633,813	\$569,948	\$36,335	\$1,240,095
Build new Essex - Aldene 230 kV cable connected through phase angle regulator at Essex	b0145	\$ 13,394,967.82	0.00%	73.45%	21.78%	4.77%	\$0	\$9,838,604	\$2,917,424	\$638,940	\$13,394,968
Install 4th 500/230 kV transformer at New Freedom	b0411	\$ 3,385,900.51	47.01%	7.04%	22.31%	0.00%	\$1,591,712	\$238,367	\$755,394	\$0	\$2,585,474
Replace wave trap at Branchburg 500kV substation	b0172.2	\$ 2,285.29	1.57%	3.57%	5.89%	0.24%	\$36	\$82	\$135	\$5	\$258
Reconductor the Flagtown-Somerville-Bridgewater 230 kV circuit with 1590 ACSS	b0170	\$ 1,114,815.03	0.00%	42.95%	38.36%	0.79%	\$0	\$478,813	\$427,643	\$8,807	\$915,263
Loop the 5021 circuit into New Freedom 500 kV substation	b0498	\$ 2,982,831.59	1.57%	3.57%	5.89%	0.24%	\$46,830	\$106,487	\$175,689	\$7,159	\$336,165
Install 230-138kV transformer at Metuchen substation	b0161	\$ 4,249,279.62	0.00%	0.00%	99.80%	0.20%	\$0	\$0	\$4,240,781	\$8,499	\$4,249,280
Build a new 230 kV section from Branchburg - Flagtown and move the Flagtown - Somerville 230 kV circuit to the new section	b0169	\$ 976,747.43	1.70%	25.66%	58.96%	0.00%	\$16,605	\$250,633	\$575,890	\$0	\$843,128
Replace both 230/138 kV transformers at Roseland	b0274	\$ 3,067,264.47	0.00%	0.00%	88.56%	0.00%	\$0	\$0	\$2,716,369	\$0	\$2,716,369
Reconductor Hudson - South Waterfront 230kV circuit	b0813	\$ 1,203,471.24	0.00%	9.92%	83.73%	3.12%	\$0	\$119,384	\$1,007,666	\$37,548	\$1,164,599
Reconductor South Mahwah 345 kV J-3410 Circuit	b1017	\$ 3,454,222.48	0.00%	14.69%	32.84%	1.28%	\$0	\$507,425	\$1,134,367	\$44,214	\$1,686,006
Reconductor South Mahwah 345 kV K-3411 Circuit	b1018	\$ 2,877,378.88	0.00%	14.77%	32.74%	1.28%	\$0	\$424,989	\$942,054	\$36,830	\$1,403,873
Replace Salem 500 kV breakers	b1410-b1415	\$ 3,750,334.87	1.57%	3.57%	5.89%	0.24%	\$58,880	\$133,887	\$220,895	\$9,001	\$422,663
Branchburg 400 MVAR Capacitor	b0290	\$ 17,144,700.59	1.57%	3.57%	5.89%	0.24%	\$269,172	\$612,066	\$1,009,823	\$41,147	\$1,932,208
Saddle Brook - Athenia Upgrade Cable	b0472	\$ 2,940,449.14	0.00%	0.00%	92.86%	3.47%	\$0	\$0	\$2,730,501	\$102,034	\$2,832,535
Branchburg-Somerville-Flagtown Reconductor	b0664-b0665	\$ 5,138,662.23	0.00%	36.35%	43.24%	1.61%	\$0	\$1,867,904	\$2,221,958	\$82,732	\$4,172,594
Somerville -Bridgewater Reconductor	b0668	\$ 1,396,346.28	0.00%	39.41%	38.76%	1.45%	\$0	\$550,300	\$541,224	\$20,247	\$1,111,771
New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie	b0814	\$ 14,219,398.91	0.00%	23.49%	67.03%	2.50%	\$0	\$3,340,137	\$9,531,263	\$355,485	\$13,226,885
230kV Lawrence Switching Station Upgrade	b1228	\$ 3,260,909.34	0.00%	0.00%	95.83%	3.81%	\$0	\$0	\$3,124,929	\$124,241	\$3,249,170
Ridge Rd 69kV Breaker Station	b1255	\$ 2,807,870.91	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$2,700,610	\$107,261	\$2,807,871
New Cox's Corner-Lumberton 230kV Circuit	b1787	\$ 4,125,793.09	4.96%	44.20%	48.08%	1.92%	\$204,639	\$1,823,601	\$1,983,681	\$79,215	\$4,091,136
Sewaren Switch 230kV Convers.	b2276	\$ 9,480,938.08	0.00%	0.00%	100.00%	0.00%	\$0	\$0	\$9,480,938	\$0	\$9,480,938
Bergen Substation Transformer	b1082	\$ (1,822,685.13)	0.00%	0.00%	80.29%	3.19%	\$0	\$0	-\$1,463,434	-\$58,144	-\$1,521,578

Attachment 4R - REVISED PJM Schedule 12 - Transmission Enhancement Charges for May 2016 - December 2016
Calculation of costs and monthly PJM charges for PSE&G Projects

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Required Transmission Enhancement <i>per PJM website</i>	PJM Upgrade ID <i>per PJM spreadsheet</i>	May - Dec 2016 Annual Revenue Requirement <i>per PJM website</i>	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share ^{1,2}	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
			<i>per PJM Open Access Transmission Tariff</i>								
Upgrade Camden Richmon 230kV	b1590	\$ 1,767,770.54	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0
Uprate Eagle Point-Gloucester 230 kV Circuit	b1588	\$ 1,654,204.43	0.00%	10.31%	54.17%	2.16%	\$0	\$170,548	\$896,083	\$35,731	\$1,102,362
Build Mickleton-Gloucester Corridor Ultimate Design	b2139	\$ 2,525,192.28	0.00%	0.00%	61.11%	2.44%	\$0	\$0	\$1,543,145	\$61,615	\$1,604,760
Branchburg-Middlesex Sw Rack	b1155	\$ 13,935,900.56	0.00%	4.61%	91.75%	3.64%	\$0	\$642,445	\$12,786,189	\$507,267	\$13,935,901
Aldene-Springfield Rd. Conv	b1399	\$ 9,579,949.84	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$9,213,996	\$365,954	\$9,579,950
Susquehanna Roseland Breakers (In-Service)	b0489.5-.9	\$ 283,758.12	1.57%	3.57%	5.89%	0.24%	\$4,455	\$10,130	\$16,713	\$681	\$31,980
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	\$ 6,316,485.41	5.07%	32.57%	40.51%	1.51%	\$320,246	\$2,057,279	\$2,558,808	\$95,379	\$5,031,712
Susquehanna Roseland <500kV (CWIP)	b0489.4	\$ (5,604,287.23)	5.07%	32.57%	40.51%	1.51%	-\$284,137	-\$1,825,316	-\$2,270,297	-\$84,625	-\$4,464,375
Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project)	b0489	\$ 127,132,901.55	1.57%	3.57%	5.89%	0.24%	\$1,995,987	\$4,538,645	\$7,488,128	\$305,119	\$14,327,878
Susquehanna Roseland >500kV CWIP	b0489	\$ (20,263,143.38)	1.57%	3.57%	5.89%	0.24%	-\$318,131	-\$723,394	-\$1,193,499	-\$48,632	-\$2,283,656
Burlington - Camden 230kV Conversion	b1156	\$ 42,580,414.02	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$40,953,842	\$1,626,572	\$42,580,414
Burlington - Camden 230kV Conversion (CWIP)	b1156	\$ 9,513,868.01	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$9,150,438	\$363,430	\$9,513,868
West Orange Conversion (North Central Reliability)	b1154	\$ 48,245,193.71	0.00%	0.00%	96.18%	3.82%	\$0	\$0	\$46,402,227	\$1,842,966	\$48,245,194
West Orange Conversion (North Central Reliability) (CWIP)	b1154	\$ (2,347,819.55)	0.00%	0.00%	96.18%	3.82%	\$0	\$0	-\$2,258,133	-\$89,687	-\$2,347,820
Mickleton-Gloucester-Camden	b1398-b1398.7	\$ 64,428,974.94	0.00%	12.82%	31.46%	1.25%	\$0	\$8,259,795	\$20,269,356	\$805,362	\$29,334,512
Mickleton-Gloucester-Camden (CWIP)	b1398-b1398.7	\$ (7,214,890.91)	0.00%	12.82%	31.46%	1.25%	\$0	-\$924,949	-\$2,269,805	-\$90,186	-\$3,284,940
Northeast Grid Reliability Project	b1304.1-b1304.4	\$ 119,666,665.77	0.21%	1.06%	63.81%	2.53%	\$251,300	\$1,268,467	\$76,359,299	\$3,027,567	\$80,906,633
Northeast Grid Reliability Project (CWIP)	b1304.1-b1304.4	\$ (19,851,347.56)	0.21%	1.06%	63.81%	2.53%	-\$41,688	-\$210,424	-\$12,667,145	-\$502,239	-\$13,421,496
Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.21	\$ 1,480,229.77	0.79%	1.79%	2.95%	0.12%	\$11,620	\$26,422	\$43,593	\$1,776	\$83,411
Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (CWIP)	b2436.21	\$ 1,492,254.38	0.79%	1.79%	2.95%	0.12%	\$11,714	\$26,637	\$43,947	\$1,791	\$84,089

Attachment 4R - REVISED PJM Schedule 12 - Transmission Enhancement Charges for May 2016 - December 2016
Calculation of costs and monthly PJM charges for PSE&G Projects

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Required Transmission Enhancement <i>per PJM website</i>	PJM Upgrade ID <i>per PJM spreadsheet</i>	May - Dec 2016 Annual Revenue Requirement <i>per PJM website</i>	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share ^{1,2}	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades	b2436.22	\$ 1,480,229.77	0.79%	1.79%	2.95%	0.12%	\$11,620	\$26,422	\$43,593	\$1,776	\$83,411
Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (CWIP)	b2436.22	\$ 1,127,508.97	0.79%	1.79%	2.95%	0.12%	\$8,851	\$20,126	\$33,205	\$1,353	\$63,535
Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (CWIP)	b2436.50	\$ 1,594,351.75	0.00%	0.00%	0.00%	0.00%					
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	\$ 1,030,613.90	0.00%	0.00%	0.00%	0.00%					
Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (CWIP)	b2436.70	\$ 1,853,412.12	0.00%	0.00%	0.00%	0.00%					
Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades (CWIP)	b2436.81	\$ 1,145,297.49	0.79%	1.79%	37.53%	1.48%	\$8,991	\$20,444	\$429,830	\$16,893	\$476,157
Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (CWIP)	b2436.83	\$ 1,145,297.49	0.79%	1.79%	37.53%	1.48%	\$8,991	\$20,444	\$429,830	\$16,893	\$476,157
Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades	b2436.90	\$ 2,047,239.69	0.79%	1.79%	2.95%	0.12%	\$16,071	\$36,543	\$60,291	\$2,457	\$115,362
Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (CWIP)	b2436.90	\$ 1,150,052.66	0.79%	1.79%	2.95%	0.12%	\$9,028	\$20,528	\$33,869	\$1,380	\$64,805
New Bergen 345/230 kV transformer and any associated substation upgrades	b2437.10	\$ 1,898,793.54	0.00%	0.00%	3.31%	0.13%	\$0	\$0	\$62,825	\$2,468	\$65,294
New Bergen 345/230 kV transformer and any associated substation upgrades (CWIP)	b2437.10	\$ 1,561,800.55	0.00%	0.00%	3.31%	0.13%	\$0	\$0	\$51,675	\$2,030	\$53,706
New Bergen 345/138 kV transformer #1 and any associated substation upgrades	b2437.11	\$ 1,898,793.54	0.00%	0.00%	0.00%	0.00%					
New Bergen 345/138 kV transformer #1 and any associated substation upgrades (CWIP)	b2437.11	\$ 1,561,986.10	0.00%	0.00%	0.00%	0.00%					

Attachment 4R - REVISED PJM Schedule 12 - Transmission Enhancement Charges for May 2016 - December 2016
Calculation of costs and monthly PJM charges for PSE&G Projects

Required Transmission Enhancement <i>per PJM website</i>	PJM Upgrade ID <i>per PJM spreadsheet</i>	May - Dec 2016 Annual Revenue Requirement <i>per PJM website</i>	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project					
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share ^{1,2}	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges	
New Bayway 345/138 kV transformer #1 and any associated substation upgrades (CWIP)	b2437.20	\$ 644,576.28	0.00%	0.00%	0.00%	0.00%						
New Bayway 345/138 kV transformer #2 and any associated substation upgrades (CWIP)	b2437.21	\$ 644,666.17	0.00%	0.00%	0.00%	0.00%						
New Linden 345/230 kV transformer and any associated substation upgrades (CWIP)	b2437.30	\$ 866,558.50	0.00%	0.00%	0.00%	0.00%						
Convert Bergen Marion 138 kV to double circuit 345kV and Sub	b2436.10_dfax	\$ 8,942,408.50	0.00%	0.00%	0.96%	0.04%	\$0	\$0	\$85,847	\$3,389	\$89,237	
Convert Bergen Marion 138 kV to double circuit 345kV and Sub	b2436.10	\$ 8,942,408.50	1.57%	3.57%	5.89%	0.24%	\$140,396	\$319,244	\$526,708	\$21,462	\$1,007,809	
Construct New Bayway-Bayonne 345kV Circuit	b2436.33	\$ 2,966,412.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0	
Construct New North Ave-Bayonne 345kV Circuit	b2436.34	\$ 1,698,923.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0	
Convert Bayway-Linden "W" to 138kV circuit to 345kV	b2436.84_dfax	\$ 651,092.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0	
Convert Bayway-Linden "W" to 138kV circuit to 345kV	b2436.84	\$ 651,092.00	1.57%	3.57%	5.89%	0.24%	\$10,222	\$23,244	\$38,349	\$1,563	\$73,378	
Convert Bayway-Linden "M" to 138kV circuit to 345kV	b2436.85_dfax	\$ 651,092.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0	
Convert Bayway-Linden "M" to 138kV circuit to 345kV	b2436.85	\$ 651,092.00	1.57%	3.57%	5.89%	0.24%	\$10,222	\$23,244	\$38,349	\$1,563	\$73,378	
New Bayonne 345/69 kV Transformer and Sub Upgrades	b2437.33	\$ 152,043.00	0.00%	0.00%	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0	
Totals		\$ 545,743,291.38					\$4,405,399	\$36,215,873	\$258,005,690	\$9,980,625	\$308,607,588	

Notes on calculations >>>

	(k)	(l)	(m)	(n)	(o)	= (a) * (b)	= (a) * (c)	= (a) * (d)	= (a) * (e)	= (f) + (g) +
Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 2016	2016 Trans. Peak Load ²	Rate in \$/MW-mo. ¹	2016 Impact (12 months)						
PSE&G	\$ 21,500,474.20	9,594.9	\$ 2,240.82	\$ 258,005,690						
JCP&L	\$ 3,017,989.41	5,818.1	\$ 518.72	\$ 36,215,873						
ACE	\$ 367,116.62	2,552.8	\$ 143.81	\$ 4,405,399						
RE	\$ 831,718.74	397.7	\$ 2,091.32	\$ 9,980,625						
Total Impact on NJ Zones	\$ 25,717,298.97	18,363.5		\$ 308,607,588						

Notes on calculations >>>

Notes:

- 1) Uncompressed rate - assumes implementation on May 1, 2016
- 2) Data on PJM website

= (k) / (l) = (k) * 12

Attachment 5
PSE&G FERC Formula Rate Filing October 19th, 2015

Public Service Electric and Gas Company
ATTACHMENT H-10A

Formula Rate -- Appendix A

Notes

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Shaded cells are input cells

Allocators

Wages & Salary Allocation Factor				
1	Transmission Wages Expense	(Note O)	Attachment 5	29,830,445
2	Total Wages Expense	(Note O)	Attachment 5	198,680,651
3	Less A&G Wages Expense	(Note O)	Attachment 5	6,226,170
4	Total Wages Less A&G Wages Expense		(Line 2 - Line 3)	192,454,482
5	Wages & Salary Allocator		(Line 1 / Line 4)	15.5000%
Plant Allocation Factors				
6	Electric Plant in Service	(Note B)	Attachment 5	16,924,862,786
7	Common Plant in Service - Electric		(Line 22)	145,824,542
8	Total Plant in Service		(Line 6 + 7)	17,070,687,329
9	Accumulated Depreciation (Total Electric Plant)	(Note B & J)	Attachment 5	3,319,374,990
10	Accumulated Intangible Amortization - Electric	(Note B)	Attachment 5	5,264,202
11	Accumulated Common Plant Depreciation & Amortization - Electric	(Note B & J)	Attachment 5	17,761,451
12	Accumulated Common Amortization - Electric	(Note B)	Attachment 5	38,924,891
13	Total Accumulated Depreciation		(Line 9 + Line 10 + Line 11 + Line 12)	3,381,325,534
14	Net Plant		(Line 8 - Line 13)	13,689,361,794
15	Transmission Gross Plant		(Line 31)	8,330,672,215
16	Gross Plant Allocator		(Line 15 / Line 8)	48.8010%
17	Transmission Net Plant		(Line 43)	7,535,121,583
18	Net Plant Allocator		(Line 17 / Line 14)	55.0436%

Plant Calculations

Plant In Service				
19	Transmission Plant In Service	(Note B)	Attachment 5	8,259,324,176
20	General	(Note B)	Attachment 5	227,839,129
21	Intangible - Electric	(Note B)	Attachment 5	7,967,491
22	Common Plant - Electric	(Note B)	Attachment 5	145,824,542
23	Total General, Intangible & Common Plant		(Line 20 + Line 21 + Line 22)	381,631,162
24	Less: General Plant Account 397 -- Communications	(Note B)	Attachment 5	21,195,573
25	Less: Common Plant Account 397 -- Communications	(Note B)	Attachment 5	10,236,825
26	General and Intangible Excluding Acct. 397		(Line 23 - Line 24 - Line 25)	350,198,765
27	Wage & Salary Allocator		(Line 5)	15.5000%
28	General and Intangible Plant Allocated to Transmission		(Line 26 * Line 27)	54,280,809
29	Account No. 397 Directly Assigned to Transmission	(Note B)	Attachment 5	17,067,231
30	Total General and Intangible Functionalized to Transmission		(Line 28 + Line 29)	71,348,039
31	Total Plant in Rate Base		(Line 19 + Line 30)	8,330,672,215
Accumulated Depreciation				
32	Transmission Accumulated Depreciation	(Note B & J)	Attachment 5	756,323,290
33	Accumulated General Depreciation	(Note B & J)	Attachment 5	101,368,991
34	Accumulated Common Plant Depreciation - Electric	(Note B & J)	Attachment 5	56,686,342
35	Less: Amount of General Depreciation Associated with Acct. 397	(Note B & J)	Attachment 5	12,618,244
36	Balance of Accumulated General Depreciation		(Line 33 + Line 34 - Line 35)	145,437,089
37	Accumulated Intangible Amortization - Electric	(Note B)	(Line 10)	5,264,202
38	Accumulated General and Intangible Depreciation Ex. Acct. 397		(Line 36 + 37)	150,701,292
39	Wage & Salary Allocator		(Line 5)	15.5000%
40	Subtotal General and Intangible Accum. Depreciation Allocated to Transmission		(Line 38 * Line 39)	23,358,700
41	Accumulated General Depreciation Associated with Acct. 397 Directly Assigned to Transmission	(Note B & J)	Attachment 5	15,868,641
42	Total Accumulated Depreciation		(Lines 32 + 40 + 41)	795,550,632
43	Total Net Property, Plant & Equipment		(Line 31 - Line 42)	7,535,121,583

Public Service Electric and Gas Company ATTACHMENT H-10A			FERC Form 1 Page # or Instruction	12 Months Ended 12/31/2016
Formula Rate -- Appendix A		Notes		
Shaded cells are input cells				
Adjustment To Rate Base				
44	Accumulated Deferred Income Taxes ADIT net of FASB 106 and 109	(Note Q)	Attachment 1	-1,781,469,260
45	CWIP for Incentive Transmission Projects CWIP Balances for Current Rate Year	(Note B & H)	Attachment 6	324,287,973
45a	Abandoned Transmission Projects Unamortized Abandoned Transmission Projects	(Note R)	Attachment 5	0
46	Plant Held for Future Use	(Note C & Q)	Attachment 5	26,120,911
47	Prepayments Prepayments	(Note A & Q)	Attachment 5	-288,864
48	Materials and Supplies Undistributed Stores Expense	(Note Q)	Attachment 5	0
49	Wage & Salary Allocator		(Line 5)	15.5000%
50	Total Undistributed Stores Expense Allocated to Transmission		(Line 48 * Line 49)	0
51	Transmission Materials & Supplies	(Note N & Q))	Attachment 5	9,654,089
52	Total Materials & Supplies Allocated to Transmission		(Line 50 + Line 51)	9,654,089
53	Cash Working Capital Operation & Maintenance Expense		(Line 80)	133,152,694
54	1/8th Rule		1/8	12.5%
55	Total Cash Working Capital Allocated to Transmission		(Line 53 * Line 54)	16,644,087
56	Network Credits Outstanding Network Credits	(Note N & Q))	Attachment 5	0
57	Total Adjustment to Rate Base		(Lines 44 + 45 + 45a + 46 + 47 + 52 + 55 - 56)	(1,405,051,064)
58	Rate Base		(Line 43 + Line 57)	6,130,070,519
Operations & Maintenance Expense				
59	Transmission O&M Transmission O&M	(Note O)	Attachment 5	100,364,698
60	Plus Transmission Lease Payments	(Note O)	Attachment 5	0
61	Transmission O&M		(Lines 59 + 60)	100,364,698
62	Allocated Administrative & General Expenses Total A&G	(Note O)	Attachment 5	215,993,171
63	Plus: Actual PBOP expense	(Note J)	Attachment 5	28,522,987
64	Less: Actual PBOP expense	(Note O)	Attachment 5	33,272,121
65	Less Property Insurance Account 924	(Note O)	Attachment 5	4,631,400
66	Less Regulatory Commission Exp Account 928	(Note E & O)	Attachment 5	10,672,984
67	Less General Advertising Exp Account 930.1	(Note O)	Attachment 5	2,844,680
68	Less EPRI Dues	(Note D & O)	Attachment 5	0
69	Administrative & General Expenses		Sum (Lines 62 to 63) - Sum (Lines 64 to 68)	193,094,974
70	Wage & Salary Allocator		(Line 5)	15.5000%
71	Administrative & General Expenses Allocated to Transmission		(Line 69 * Line 70)	29,929,721
72	Directly Assigned A&G Regulatory Commission Exp Account 928	(Note G & O)	Attachment 5	308,984
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)	308,984
75	Property Insurance Account 924		(Line 65)	4,631,400
76	General Advertising Exp Account 930.1	(Note F & O)	Attachment 5	0
77	Total Accounts 928 and 930.1 - General		(Line 75 + Line 76)	4,631,400
78	Net Plant Allocator		(Line 18)	55.0436%
79	A&G Directly Assigned to Transmission		(Line 77 * Line 78)	2,549,291
80	Total Transmission O&M		(Lines 61 + 71 + 74 + 79)	133,152,694

Public Service Electric and Gas Company
ATTACHMENT H-10A

Formula Rate -- Appendix A

Notes

FERC Form 1 Page # or
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12 Months Ended
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Shaded cells are input cells

Depreciation & Amortization Expense

Depreciation Expense

81	Transmission Depreciation Expense Including Amortization of Limited Term Plant	(Note J & O)	Attachment 5	196,487,978
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	17,537,763
83	Less: Amount of General Depreciation Expense Associated with Acct. 397	(Note J & O)	Attachment 5	3,244,255
84	Balance of General Depreciation Expense		(Line 82 - Line 83)	14,293,508
85	Intangible Amortization	(Note A & O)	Attachment 5	9,439,036
86	Total		(Line 84 + Line 85)	23,732,543
87	Wage & Salary Allocator		(Line 5)	15.50%
88	General Depreciation & Intangible Amortization Allocated to Transmission		(Line 86 * Line 87)	3,678,544
89	General Depreciation Expense for Acct. 397 Directly Assigned to Transmission	(Note J & O)	Attachment 5	1,698,462
90	General Depreciation and Intangible Amortization Functionalized to Transmission		(Line 88 + Line 89)	5,377,006
91	Total Transmission Depreciation & Amortization		(Lines 81 + 81a + 90)	201,864,984

Taxes Other than Income Taxes

92	Taxes Other than Income Taxes	(Note O)	Attachment 2	10,150,418
93	Total Taxes Other than Income Taxes		(Line 92)	10,150,418

Return \ Capitalization Calculations

94	Long Term Interest		p117.62.c through 67.c	252,018,266
95	Preferred Dividends	enter positive	p118.29.d	0
Common Stock				
96	Proprietary Capital	(Note P)	Attachment 5	6,377,924,573
97	Less Accumulated Other Comprehensive Income Account 219	(Note P)	Attachment 5	1,408,022
98	Less Preferred Stock		(Line 106)	0
99	Less Account 216.1	(Note P)	Attachment 5	3,430,285
100	Common Stock		(Line 96 - 97 - 98 - 99)	6,373,086,266
Capitalization				
101	Long Term Debt	(Note P)	Attachment 5	5,939,268,873
102	Less Loss on Reacquired Debt	(Note P)	Attachment 5	77,696,491
103	Plus Gain on Reacquired Debt	(Note P)	Attachment 5	0
104	Less ADIT associated with Gain or Loss	(Note P)	Attachment 5	23,902,953
105	Total Long Term Debt		(Line 101 - 102 + 103 - 104)	5,837,669,430
106	Preferred Stock	(Note P)	Attachment 5	0
107	Common Stock		(Line 100)	6,373,086,266
108	Total Capitalization		(Sum Lines 105 to 107)	12,210,755,696
109	Debt %		Total Long Term Debt (Line 105 / Line 108)	47.81%
110	Preferred %		Preferred Stock (Line 106 / Line 108)	0.00%
111	Common %		Common Stock (Line 107 / Line 108)	52.19%
112	Debt Cost		Total Long Term Debt (Line 94 / Line 105)	0.0432
113	Preferred Cost		Preferred Stock (Line 95 / Line 106)	0.0000
114	Common Cost	(Note J)	Common Stock Fixed	0.1168
115	Weighted Cost of Debt		Total Long Term Debt (WCLTD) (Line 109 * Line 112)	0.0206
116	Weighted Cost of Preferred		Preferred Stock (Line 110 * Line 113)	0.0000
117	Weighted Cost of Common		Common Stock (Line 111 * Line 114)	0.0610
118	Rate of Return on Rate Base (ROR)		(Sum Lines 115 to 117)	0.0816
119	Investment Return = Rate Base * Rate of Return		(Line 58 * Line 118)	500,212,287

Public Service Electric and Gas Company ATTACHMENT H-10A		Notes	FERC Form 1 Page # or Instruction	12 Months Ended 12/31/2016
Formula Rate -- Appendix A				
Shaded cells are input cells				
Composite Income Taxes				
Income Tax Rates				
120	FIT=Federal Income Tax Rate	(Note I)		35.00%
121	SIT=State Income Tax Rate or Composite			9.00%
122	p	(percent of federal income tax deductible for state purposes)	Per State Tax Code	0.00%
123	T	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\}$		40.85%
124	T / (1-T)			69.06%
ITC Adjustment				
125	Amortized Investment Tax Credit	enter negative	(Note O)	Attachment 5
126	1/(1-T)			1 / (1 - Line 123)
127	Net Plant Allocation Factor			(Line 18)
128	ITC Adjustment Allocated to Transmission			(Line 125 * Line 126 * Line 127)
				-868,658
				169.06%
				55.04%
				-808,353
129	Income Tax Component =	$(T/1-T) * \text{Investment Return} * (1-(WCLTD/ROR)) =$		[Line 124 * Line 119 * (1- (Line 115 / Line 118))]
				258,079,126
130	Total Income Taxes			(Line 128 + Line 129)
				257,270,773
Revenue Requirement				
Summary				
131	Net Property, Plant & Equipment		(Line 43)	7,535,121,583
132	Total Adjustment to Rate Base		(Line 57)	-1,405,051,064
133	Rate Base		(Line 58)	6,130,070,519
134	Total Transmission O&M		(Line 80)	133,152,694
135	Total Transmission Depreciation & Amortization		(Line 91)	201,864,984
136	Taxes Other than Income		(Line 93)	10,150,418
137	Investment Return		(Line 119)	500,212,287
138	Income Taxes		(Line 130)	257,270,773
139	Gross Revenue Requirement		(Sum Lines 134 to 138)	1,102,651,156
Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities				
140	Transmission Plant In Service		(Line 19)	8,259,324,176
141	Excluded Transmission Facilities	(Note B & M)	Attachment 5	0
142	Included Transmission Facilities		(Line 140 - Line 141)	8,259,324,176
143	Inclusion Ratio		(Line 142 / Line 140)	100.00%
144	Gross Revenue Requirement		(Line 139)	1,102,651,156
145	Adjusted Gross Revenue Requirement		(Line 143 * Line 144)	1,102,651,156
Revenue Credits & Interest on Network Credits				
146	Revenue Credits	(Note O)	Attachment 3	26,187,113
147	Interest on Network Credits	(Note N & O)	Attachment 5	0
148	Net Revenue Requirement		(Line 145 - Line 146 + Line 147)	1,076,464,043
Net Plant Carrying Charge				
149	Gross Revenue Requirement		(Line 144)	1,102,651,156
150	Net Transmission Plant, CWIP and Abandoned Plant		(Line 19 - Line 32 + Line 45 + Line 45a)	7,827,288,859
151	Net Plant Carrying Charge		(Line 149 / Line 150)	14.0873%
152	Net Plant Carrying Charge without Depreciation		(Line 149 - Line 81) / Line 150	11.5770%
153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes		(Line 149 - Line 81 - Line 119 - Line 130) / Line 150	1.8995%
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)	345,168,096
155	Increased Return and Taxes		Attachment 4	811,573,184
156	Net Revenue Requirement per 100 Basis Point increase in ROE		(Line 154 + Line 155)	1,156,741,280
157	Net Transmission Plant, CWIP and Abandoned Plant		(Line 19 - Line 32 + Line 45 + Line 45a)	7,827,288,859
158	Net Plant Carrying Charge per 100 Basis Point increase in ROE		(Line 156 / Line 157)	14.7783%
159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation		(Line 156 - Line 81) / Line 157	12.2680%
160	Net Revenue Requirement		(Line 148)	1,076,464,043
161	True-up amount		Attachment 6	-20,019,061
162	Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects not paid by other PJM transmission zones		Attachment 7	7,783,969
163	Facility Credits under Section 30.9 of the PJM OATT		Attachment 5	0
164	Net Zonal Revenue Requirement		(Line 160 + 161 + 162 + 163)	1,064,228,952
Network Zonal Service Rate				
165	1 CP Peak	(Note L)	Attachment 5	9,594.9
166	Rate (\$/MW-Year)		(Line 164 / 165)	110,916
167	Network Service Rate (\$/MW/Year)		(Line 166)	110,916

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, 2016

	Only Transmission Related	Plant Related	Labor Related	Total ADIT	
ADIT-282	0	(2,919,714,523)	0		From Acct. 282 total, below
ADIT-283	0	(403,873,845)	0		From Acct. 283 total, below
ADIT-190	0	(945,635)	5,505,113		From Acct. 190 total, below
Subtotal	0	(3,324,534,003)	5,505,113		
Wages & Salary Allocator			15.5000%		
New Plant Allocator			55.0436%		
End of Year ADIT	0	(1,829,944,178)	853,292	(1,829,090,886)	
End of Previous Year ADIT (from Sheet 1A-ADIT (3))	0	(1,734,700,927)	853,292	(1,733,847,634)	
Average Beginning and End of Year ADIT	0	(1,782,322,553)	853,292	(1,781,469,260)	Appendix A, Line 44

Note: ADIT associated with Gain or Loss on Recquired Debt is included in Column A here and included in Cost of Debt on Appendix A, Line 108
(10,210,019) < From Acct. 283, below

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

ADIT-190	A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G Justification
ADIT - Real Estate Taxes		(945,635)			(945,635)		Book estimate accrued and expensed, tax deduction when paid - related to plant
FIN 47		223,825	223,825				Asset Retirement Obligation - Local liability for environmental removal costs
Vacation Pay		2,390,354				2,390,354	Vacation pay earned and expensed for books, tax deduction when paid - employees in all functions
OPEB		157,699,092				157,699,092	FASB 106 - Post Retirement Obligation, labor related.
Deferred Dividend Equivalents		3,714,155				3,714,155	Book accrual of dividends on employee stock options affecting all functions
Deferred Compensation		321,705				321,705	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
ADIT - Unallowable PIP Accrual		(358,461)				(358,461)	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
Bankruptcies \$ Acct		115,363	115,363				Book estimate accrued and expensed, tax deduction when paid - Generation Related
Unrealized L/G Rabbi Trust		(562,642)				(562,642)	Book estimate accrued and expensed, tax deduction when paid for Executive Compensation
Federal Taxes Deferred		11,166,995			11,166,995		FASB 109 - deferred tax asset primarily associated with items previously flowed through due to regulation
Fed Taxes Req Requirement		7,712,117			7,712,117		FASB 109 - deferred tax asset primarily associated with items previously flowed through due to regulation
Subtotal - p234		181,476,871	339,189		17,933,477	163,204,205	
Less FASB 109 Above if not separately removed		18,879,112			18,879,112		
Less FASB 106 Above if not separately removed		157,699,092				157,699,092	
Total		4,898,666	339,189		(945,635)	5,505,113	

Instructions for Account 190:

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

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

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G Justification
ADIT-282						
Depreciation - Liberalized Depreciation	(2,833,610.567)			(2,833,610.567)		Basis difference resulting from accelerated tax depreciation versus depreciation used for ratemaking purposes - related to all functions
Cost of Removal	(86,103.956)			(86,103.956)		Book estimate accrued and expensed, tax deduction when paid. Retail related - Component of Liberalized Depreciation
Accounting for Income Taxes	(307,991.280)			(307,991.280)		FASB 109 - deferred tax liability primarily associated with plant related items previously flowed through due to regulation
Subtotal - p275	(3,227,705.804)			(3,227,705.804)		
Less FASB 109 Above if not separately removed	(307,991.280)			(307,991.280)		
Less FASB 106 Above if not separately removed						
Total	(2,919,714.523)			(2,919,714.523)		

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, 2016

A	B	C	D	E	F	G
ADIT-283	Total	Gas, Prod or Other Related	Only Transmission Related	Plant	Labor	
Securitization Regulatory Asset	1,022,247,426	1,022,247,426				Generation Related (Securitization of Stranded Costs)
Securitization - Federal	(968,676,613)	(968,676,613)				Generation Related (Securitization of Stranded Costs)
Securitization - State	(161,907,377)	(161,907,377)				Generation Related (Securitization of Stranded Costs)
Environmental Cleanup Costs	(24,412,903)	(24,412,903)				Book estimate accrued and expensed, tax deduction when paid - Manufactured Gas Plants
New Jersey Corporation Business Tax	(293,553,367)	100,110,459		(393,663,826)		New Jersey Corporate Income Tax - Plant Related- Contra Account of 190 NJCBT
NJCBT - Step Up Basis	115,317,595	115,317,595				New Jersey Corporate Income Tax for Utility - Gets return on but no return of prior book vs tax timing differences
Fuel Cost Adjustment	(1,913,316)	(1,913,316)				Book deferral of Underrecovered Fuel Costs - Retail Related
Accelerated Activity Plan	(113,677,936)	(113,677,936)				Demand Side management and Associated Programs - Retail Related
Loss on Recquired Debt	(10,210,019)			(10,210,019)		Tax deduction when reacquired, booked amortizes to expense
Additional Pension Deduction	(161,702,087)	(161,702,087)				Associated with Pension Liability not in rates
Public Utility Tax Assessment	(1,781,312)	(1,781,312)				BPU and Rate Payer Advocate Assessment
Sales Tax Reserve	1,122,289	1,122,289				Sales tax audit reserve
Miscellaneous	(1,270,089)	(1,270,089)				Miscellaneous Tax Adjustments
Deferred Gain	(53,280,535)	(53,280,535)				Deferred gain resulted from 2000 deconsolidation step up basis
Accounting for Income Taxes (FAS109) - Federal	(1,618,471)			(1,618,471)		FASB 109 - deferred tax liability primarily non-plant related items previously flowed through due to revaluation
Accounting for Income Taxes (FAS109) - Regulatory Requirement	(212,704,037)			(212,704,037)		FASB 109 - gross-up
Subtotal - p277	(868,020,751)	(249,824,398)		(618,196,353)		
Less FASB 109 Above if not separately removed	(214,322,508)			(214,322,508)		
Less FASB 106 Above if not separately removed						
Total	(653,698,243)	(249,824,398)		(403,873,845)		

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

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31, 2015

	Only Transmission Related	Plant Related	Labor Related	Total ADIT	
ADIT-282	0	(2,776,299,686)	0		From Acct. 282 total, below
ADIT-283	0	(374,256,393)	0		From Acct. 283 total, below
ADIT-190	0	(945,635)	5,505,113		From Acct. 190 total, below
Subtotal	0	(3,151,501,714)	5,505,113		
Wages & Salary Allocator			15.5000%		
Net Plant Allocator		55.0436%			
End of Year ADIT	0	(1,734,700,927)	853,292	(1,733,847,634)	

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 188
(13,596,067) < From Acct 283, below

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

ADIT-190	A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G Justification
ADIT - Real Estate Taxes		(945,635)			(945,635)		Book estimate accrued and expensed, tax deduction when paid, related to plant
FIN 47		223,825	223,825				Asset Retirement Obligation - Legal liability for environmental removal costs
Vacation Pay		2,390,354				2,390,354	Vacation pay earned and expensed for books, tax deduction when paid - employees in all functions
OPEB		157,699,092				157,699,092	FASB 106 - Post Retirement Obligation, labor related
Deferred Dividend Equivalents		3,714,155				3,714,155	Book accrual of dividends on employee stock options affecting all functions
Deferred Compensation		321,705				321,705	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
ADIT - Unallowable PIP Accrual		(358,461)				(358,461)	Book estimate accrued and expensed, tax deduction when paid - employees in all functions
Bankruptcies S Acfc		115,363	115,363				Book estimate accrued and expensed, tax deduction when paid - Generation Related
Unrealized L/G Rabbi Trust		(562,642)				(562,642)	Book estimate accrued and expensed, tax deduction when paid for Executive Compensation
Federal Taxes Deferred		11,166,995			11,166,995		FASB 109 - deferred tax asset primarily associated with items previously flowed through due to regulation
Fed Taxes Req Requirement		7,712,117			7,712,117		FASB 109 - deferred tax asset primarily associated with items previously flowed through due to regulation
Subtotal - p234		181,476,871	339,189		17,933,477	163,204,205	
Less FASB 109 Above if not separately removed		18,879,112			18,879,112		
Less FASB 106 Above if not separately removed		157,699,092				157,699,092	
Total		4,898,666	339,189		(945,635)	5,505,113	

Instructions for Account 190:

- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
- ADIT items related to Plant and not in Columns C & D are included in Column E

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, 2015

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G Justification
ADIT- 282						
Depreciation - Liberalized Depreciation	(2,699,600,707)			(2,699,600,707)		Basis difference resulting from accelerated tax depreciation versus depreciation used for ratemaking purposes - related to all functions
Cost of Removal	(76,698,979)			(76,698,979)		Book estimate accrued and expensed; tax deduction when paid. Retail related - Component of Liberalized Depreciation
Accounting for Income Taxes	(304,052,079)			(304,052,079)		FASB 109 - deferred tax liability primarily associated with plant related items previously flowed through due to regulation
Subtotal - p275	(3,080,351,765)			(3,080,351,765)		
Less FASB 109 Above if not separately removed	(304,052,079)			(304,052,079)		
Less FASB 106 Above if not separately removed						
Total	(2,776,299,686)			(2,776,299,686)		

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, 2015

ADIT-283	A	B Total	C Related	D Related	E Plant	F Labor	G
Securitization Regulatory Asset		1,022,247,426	1,022,247,426				Generation Related (Securitization of Stranded Costs)
Securitization - Federal		(968,676,613)	(968,676,613)				Generation Related (Securitization of Stranded Costs)
Securitization - State		(161,907,377)	(161,907,377)				Generation Related (Securitization of Stranded Costs)
Environmental Cleanup Costs		(24,412,903)	(24,412,903)				Book estimate accrued and expensed, tax deduction when paid - Manufactured Gas Plants
New Jersey Corporation Business Tax		(293,553,367)	67,106,960		(360,660,327)		New Jersey Corporate Income Tax - Plant Related- Contra Account of 190 NJCRT
NJCRT - Step Up Basis		115,317,595	115,317,595				New Jersey Corporate Income Tax for Utility - Gets return on but no return of prior book vs tax timing differences
Fuel Cost Adjustment		(1,913,316)	(1,913,316)				Book deferral of Underrecovered Fuel Costs - Retail Related
Accelerated Activity Plan		(113,677,936)	(113,677,936)				Demand Side management and Associated Programs - Retail Related
Loss on Reacquired Debt		(13,596,067)			(13,596,067)		Tax deduction when reacquired, booked amortizes to expense
Additional Pension Deduction		(161,702,087)	(161,702,087)				Associated with Pension Liability not in rates
Public Utility Tax Assessment		(1,781,312)	(1,781,312)				BPU and Rate Payer Advocate Assessment
Sales Tax Reserve		1,122,289	1,122,289				Sales tax audit reserve
Miscellaneous		(1,270,089)	(1,270,089)				Miscellaneous Tax Adjustments
Deferred Gain		(53,280,535)	(53,280,535)				Deferred gain resulted from 2000 deregulation step up basis
Accounting for Income Taxes (FAS109) - Federal		(1,618,471)			(1,618,471)		FASB 109 - deferred tax liability primarily non-plant related items previously flowed through due to regulation
Accounting for Income Taxes (FAS109) - Regulatory Requirement		(209,983,558)			(209,983,558)		FASB 109 - gross-up
Subtotal - p277		(868,686,319)	(282,827,897)		(585,858,422)		
Less FASB 109 Above if not separately removed		(211,602,029)			(211,602,029)		
Less FASB 106 Above if not separately removed							
Total		(657,084,291)	(282,827,897)		(374,256,393)		

Instructions for Account 283:

- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
- ADIT items related to Plant and not in Columns C & D are included in Column E

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 2 - Taxes Other Than Income Worksheet - December 31, 2016

Other Taxes	Page 263 Col (i)	Allocator	Allocated Amount
Plant Related			
1 Real Estate	20,497,000		Attachment #5
2 Total Plant Related	20,497,000	N/A	7,837,000
Labor Related			
Wages & Salary Allocator			
3 FICA	13,860,326		
4 Federal Unemployment Tax	158,745		
5 New Jersey Unemployment Tax	584,731		
6 New Jersey Workforce Development	321,478		
7			
8 Total Labor Related	14,925,280	15.5000%	2,313,418
Other Included			
Net Plant Allocator			
9			
10			
11			
12			
13 Total Other Included	0	55.0436%	0
14 Total Included (Lines 8 + 14 + 19)	35,422,280		10,150,418
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)	35,422,280		
24 Total Other Taxes from p114.14.g - Actual	35,422,280		
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, 2016

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	4,900,000
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)	0
6	Point to Point Service revenues for which the load is not included in the divisor received by Transmission Owner	9,600,000
7	Professional Services (Note 2)	60,000
8	Revenues from Directly Assigned Transmission Facility Charges (Note 1)	10,079,639
9	Rent or Attachment Fees associated with Transmission Facilities (Note 2)	4,775,246
10	Gross Revenue Credits	(Sum Lines 1-9) <u>30,014,885</u>
11	Less line 18	- line 18 <u>(3,827,772)</u>
12	Total Revenue Credits	line 10 + line 11 <u>26,187,113</u>
13	Revenues associated with lines 2, 7, and 9 (Note 2)	5,435,246
14	Income Taxes associated with revenues in line 13	2,220,298
15	One half margin (line 13 - line 14)/2	1,607,474
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	1,607,474
18	Line 13 less line 17	3,827,772

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

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

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

A	Return and Taxes with 100 Basis Point increase in ROE 100 Basis Point increase in ROE and Income Taxes	Line 27 + Line 42 from below	811,573,184
B	100 Basis Point increase in ROE		1.00%

Return Calculation

		Appendix A Line or Source Reference	
1	Rate Base	(Line 43 + Line 57)	6,130,070,519
2	Long Term Interest	p117.62.c through 67.c	252,018,266
3	Preferred Dividends	enter positive p118.29.d	0
	Common Stock		
4	Proprietary Capital	Attachment 5	6,377,924,573
5	Less Accumulated Other Comprehensive Income Account 219	p112.15.c	1,408,022
6	Less Preferred Stock	(Line 106)	0
7	Less Account 216.1	Attachment 5	3,430,285
8	Common Stock	(Line 96 - 97 - 98 - 99)	6,373,086,266
	Capitalization		
9	Long Term Debt	Attachment 5	5,939,268,873
10	Less Loss on Reacquired Debt	Attachment 5	77,696,491
11	Plus Gain on Reacquired Debt	Attachment 5	0
12	Less ADIT associated with Gain or Loss	Attachment 5	23,902,953
13	Total Long Term Debt	(Line 101 - 102 + 103 - 104)	5,837,669,430
14	Preferred Stock	Attachment 5	0
15	Common Stock	(Line 100)	6,373,086,266
16	Total Capitalization	(Sum Lines 105 to 107)	12,210,755,696
17	Debt %	Total Long Term Debt (Line 105 / Line 108)	47.8%
18	Preferred %	Preferred Stock (Line 106 / Line 108)	0.0%
19	Common %	Common Stock (Line 107 / Line 108)	52.2%
20	Debt Cost	Total Long Term Debt (Line 94 / Line 105)	0.0432
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)	0.0206
24	Weighted Cost of Preferred	Preferred Stock (Line 110 * Line 113)	0.0000
25	Weighted Cost of Common	Common Stock (Line 111 * Line 114)	0.0662
26	Rate of Return on Rate Base (ROR)	(Sum Lines 115 to 117)	0.0868
27	Investment Return = Rate Base * Rate of Return	(Line 58 * Line 118)	532,206,595

Composite Income Taxes

Income Tax Rates			
28	FIT=Federal Income Tax Rate		35.00%
29	SIT=State Income Tax Rate or Composite		9.00%
30	p = percent of federal income tax deductible for state purposes	Per State Tax Code	0.00%
31	T	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$	40.85%
35	CIT = T / (1-T)		69.06%
36	1 / (1-T)		169.06%
ITC Adjustment			
37	Amortized Investment Tax Credit	enter negative Attachment 5	-868,658
38	1/(1-T)	1 / (1 - Line 123)	169%
39	Net Plant Allocation Factor	(Line 18)	55.0436%
40	ITC Adjustment Allocated to Transmission	(Line 125 * Line 126 * Line 127)	-808,353
41	Income Tax Component =	$CIT=(T/(1-T)) * Investment\ Return * (1-(WCLTD/R)) =$	280,174,942
42	Total Income Taxes		279,366,589

Public Service Electric and Gas Company
 ATTACHMENT H-10A
 Attachment 5 - Cost Support - December 31, 2016

Electric / Non-electric Cost Support				Previous Year	Current Year - 2016 Projected												Average	Non-electric Portion	
Line #s	Descriptions	Notes	Page #'s & Instructions	Form 1Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Form 1 Dec			
Plant Allocation Factors																			
6	Electric Plant in Service (Excludes Asset Retirement Costs - ARC)	(Note B)	p207.104g	15,980,817.613	16,039,076.846	16,099,722.410	16,321,132.280	16,438,775.290	16,773,982.994	17,320,101.205	17,355,545.109	17,376,695.961	17,405,932.844	17,455,131.674	17,532,211.826	17,924,090.172	16,924,862.786		
7	Common Plant in Service - Electric	(Note B)	p356	138,172,854	139,132,743	141,197,500	139,721,061	141,451,903	143,151,799	145,224,173	146,822,236	147,798,546	149,430,067	150,804,145	152,055,717	160,756,306	145,824,542		
9	Accumulated Depreciation (Total Electric Plant)	(Note B & J)	p219.29c	3,172,741.477	3,194,044.284	3,216,812.690	3,240,929.136	3,266,073.789	3,290,475.396	3,317,305.721	3,347,391.695	3,365,999.493	3,394,629.272	3,422,056.969	3,449,326.545	3,474,088.407	3,319,374.990		
10	Accumulated Intangible Amortization - Electric	(Note B)	p200.21c	4,488,191	4,616,787	4,745,443	4,874,099	5,002,755	5,131,411	5,260,067	5,388,722	5,517,378	5,646,034	5,774,690	5,903,346	6,032,002	5,264,202		
11	Accumulated Common Plant Depreciation - Electric	(Note B & J)	p356	18,977,676	19,305,773	19,498,488	15,855,479	16,191,921	16,589,993	17,002,498	17,427,499	17,166,091	17,599,037	18,027,023	18,426,485	18,830,895	17,761,451		
12	Accumulated Common Amortization - Electric	(Note B)	p356	35,082,320	35,708,285	36,337,062	36,971,478	37,608,706	38,248,746	38,893,813	39,541,693	40,192,384	40,846,881	41,504,189	42,164,310	42,923,722	38,924,891		
Plant In Service																			
19	Transmission Plant in Service (Excludes Asset Retirement Costs - ARC)	(Note B)	p207.58.g	7,562,948.414	7,589,922.081	7,621,476.748	7,812,068.414	7,864,207.081	8,148,051.235	8,621,101.901	8,627,249.568	8,631,197.235	8,638,827.901	8,641,864.568	8,655,415.235	8,956,883.901	8,259,324.176		
20	General (Excludes Asset Retirement Costs - ARC)	(Note B)	p207.99.g	225,961,970	226,599,498	227,786,249	228,958,771	230,244,615	231,244,669	232,396,468	233,677,456	222,630,117	223,954,750	225,064,963	226,389,597	226,999,650	227,839,129		
21	Intangible - Electric	(Note B)	p205.5.g	7,719,354	7,719,354	7,719,354	7,719,354	7,719,354	7,719,354	7,719,354	7,719,354	7,719,354	7,719,354	7,719,354	7,719,354	7,719,354	7,967,491		
22	Common Plant in Service - Electric	(Note B)	p356	136,172,854	139,132,743	141,197,500	139,721,061	141,451,903	143,151,799	145,224,173	146,822,236	147,798,546	149,430,067	150,804,145	152,055,717	160,756,306	145,824,542		
24	General Plant Account 397 -- Communications	(Note B)	p207.94g	17,471,478	18,313,791	19,156,104	19,998,417	20,840,731	21,683,044	22,525,357	23,367,670	22,752,545	21,594,858	22,437,171	23,279,484	24,121,797	21,195,573		
25	Common Plant Account 397 -- Communications	(Note B)	p356	1,839,050	2,586,270	4,586,353	6,341,126	7,844,680	9,269,057	10,665,933	11,987,861	13,369,062	14,544,298	15,656,901	16,684,727	17,703,402	10,236,825		
29	Account No. 397 Directly Assigned to Transmission	(Note B)	Company Records	18,058,583	18,058,583	18,058,583	18,058,583	18,058,583	18,058,583	18,058,583	18,058,583	15,481,067	15,481,067	15,481,067	15,481,067	17,067,231			
Accumulated Depreciation																			
32	Transmission Accumulated Depreciation	(Note B & J)	p219.25.c	684,373,298	694,817,880	704,695,461	714,998,314	726,989,567	739,485,522	753,177,724	767,974,952	782,670,569	796,433,025	809,488,113	822,462,743	834,635,606	756,323,290		
33	Accumulated General Depreciation	(Note B & J)	p219.28.b	105,622,999	105,245,844	105,390,747	105,538,086	105,807,059	105,797,455	105,951,313	106,246,595	94,133,229	94,406,712	94,480,081	94,784,746	94,392,021	101,368,991		
34	Accumulated Common Plant Depreciation & Amortization - Electric	(Note B & J)	p356	54,059,996	55,014,058	55,635,551	52,826,957	53,800,627	54,838,739	55,896,311	56,969,191	57,358,475	58,445,918	59,531,212	60,590,795	61,754,617	56,686,342		
35	Accumulated General Depreciation Associated with Acct. 397	(Note B & J)	Company Records	12,046,566	12,296,060	12,567,241	12,860,064	13,172,436	13,503,897	13,853,617	14,221,574	11,121,809	11,496,296	11,897,073	12,293,435	12,715,305	12,818,244		
41	Acc. Deprec. Acct. 397 Directly Assigned to Transmission	(Note B & J)	Company Records	15,981,848	16,132,336	16,282,824	16,433,313	16,583,801	16,734,289	16,884,777	17,035,265	14,586,758	14,715,767	14,844,776	14,973,785	15,102,794	15,868,641		

Wages & Salary				End of Year
Line #s	Descriptions	Notes	Page #'s & Instructions	
2	Total Wage Expense	(Note A)	p354.28b	198,680,651
3	Total A&G Wages Expense	(Note A)	p354.27b	6,226,170
1	Transmission Wages		p354.21b	29,830,445

Transmission / Non-transmission Cost Support				Beginning Year Balance	End of Year	Average
Line #s	Descriptions	Notes	Page #'s & Instructions			
46	Plant Held for Future Use (Including Land)	(Note C & Q)	p214.47.d	26,451,572	30,151,572	28,301,572
	Transmission Only			24,270,911	27,970,911	26,120,911

Prepayments				Previous Year	Electric Beginning Year Balance	Electric End of Year Balance	Average Balance	Wage & Salary Allocator	To Line 47
Line #s	Descriptions	Notes	Page #'s & Instructions						
47	Prepayments	(Note A & Q)	p111.57c	(1,863,641)	(1,863,641)	(1,863,641)	-1,863,641	15.500%	(288,864)

Materials and Supplies				Beginning Year Balance	End of Year	Average
Line #s	Descriptions	Notes	Page #'s & Instructions			
48	Undistributed Stores Exp	(Note O)	p227.16.b.c	0	0	0
51	Transmission Materials & Supplies	(Note N & Q)	p227.8.b.c	9,654,089	9,654,089	9,654,089

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

O&M Expenses				End of Year
Line #s	Descriptions	Notes	Page #'s & Instructions	
59	Transmission O&M	(Note O)	p.321.112.b	100,364,698
60	Transmission Lease Payments		p321.96.b	-

Property Insurance Expenses				End of Year
Line #s	Descriptions	Notes	Page #'s & Instructions	
65	Property Insurance Account 924	(Note O)	p323.185b	4,631,400

Adjustments to A & G Expense

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
62	Total A&G Expenses		p323.197b	215,993,171
63	Actual PBOP expense	(Note J)	Company Records	28,522,987
64	Actual PBOP expense	(Note O)	Company Records	33,272,121

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	10,672,984	0
Directly Assigned A&G					
72	Regulatory Commission Exp Account 928	(Note G & O)	p351.11-13h	308,984	308,984

General & Common Expenses

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

Safety Related Advertising Cost Support

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year	Safety Related	Non-safety Related
Directly Assigned A&G						
73	General Advertising Exp Account 930.1	(Note K & O)	p323.191b	2,844,680	0	2,844,680

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	2,844,680	0	2,844,680

Depreciation Expense

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
Depreciation Expense				
81	Depreciation-Transmission	(Note J & O)	p336.7.f	196,467,978
82	Depreciation-General & Common	(Note J & O)	p336.10&11.f	17,537,763
83	Depreciation-General Expense Associated with Acct. 397	(Note J & O)	Company Records	3,244,255
85	Depreciation-Intangible	(Note A & O)	p336.1.f	9,439,036
89	Transmission Depreciation Expense for Acct. 397	(Note J & O)	Company Records	1,698,462

Direct Assignment of Transmission Real Estate Taxes

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year	Transmission Related	Non-Transmission
92	Real Estate Taxes - Directly Assigned to Transmission		p263.33i	20,497,000	7,837,000	12,660,000

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	2013 End of Year	2014 End of Year	Average
96	Proprietary Capital	(Note P)	p112.16.c.d	5,920,315,656	6,835,533,489	6,377,924,573
97	Accumulated Other Comprehensive Income Account 219	(Note P)	p112.15.c.d	1,083,198	1,732,845	1,408,022
99	Account 219-1	(Note P)	p119.53.c&d	3,537,410	3,323,160	3,430,285
101	Long Term Debt	(Note P)	p112.18.c.d thru 23.c.d	5,566,162,652	6,312,375,094	5,939,268,873
102	Loss on Reacquired Debt	(Note P)	p111.81.c.d	81,363,909	74,029,072	77,696,491
103	Gain on Reacquired Debt	(Note P)	p113.61.c.d	0	0	0
104	ADT associated with Gain or Loss on Reacquired Debt	(Note P)	p277.3.k (footnote)	30,823,791	16,982,115	23,902,953
106	Preferred Stock	(Note P)	p112.3.c.d	0	0	0

MultiState Workpaper

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

Amortized Investment Tax Credit

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
125	Amortized Investment Tax Credit	(Note O)	p266.8.f	868,658

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	0	0	0	0	0	0	0	0	0	0	0	0	0

Interest on Outstanding Network Credits Cost Support

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

Facility Credits under Section 30.9 of the PJM OATT

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

PJM Load Cost Support

Line #s	Descriptions	Notes	Page #'s & Instructions	1 CP Peak
165	Network Zonal Service Rate 1 CP Peak	(Note L)	PJM Data	9,594.9

Abandoned Transmission Projects

Line #s	Descriptions	Notes	Page #'s & Instructions	BRH Project	Project X	Project Y
Attachment 7 a	Beginning Balance of Unamortized Transmission Projects		Per FERC Order	\$ -	\$ -	\$ -
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, 2016

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

¹ - No True-Up Adjustment will be included in the Annual Transmission Revenue Requirement for 2008 or 2009 since the 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.	717,516,447
B	ATRR based on projected costs included for the previous calendar year but excludes the true-up adjustment.	736,263,946
C	Difference (A-B)	-18,747,499
D	Future Value Factor $(1+i)^{24}$	1.06783
E	True-up Adjustment (C*D)	-20,019,061

-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.

Where:
 i = average interest rate as calculated below

Interest on Amount of Refunds or Surcharges

Month	Yr	Month
January	Year 1	0.2800%
February	Year 1	0.2500%
March	Year 1	0.2800%
April	Year 1	0.2700%
May	Year 1	0.2800%
June	Year 1	0.2700%
July	Year 1	0.2800%
August	Year 1	0.2800%
September	Year 1	0.2700%
October	Year 1	0.2800%
November	Year 1	0.2700%
December	Year 1	0.2800%
January	Year 2	0.2500%
February	Year 2	0.2800%
March	Year 2	0.2800%
April	Year 2	0.2700%
May	Year 2	0.2800%
June	Year 2	0.2700%
July	Year 2	0.2800%
August	Year 2	0.2800%
September	Year 2	0.2700%
Average Interest Rate		0.2738%

Estimated Additions - 2016															
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
Other Projects PIS (monthly additions)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (monthly additions) (in service)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21) (monthly additions) (in service)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (monthly additions) (in service)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90) (monthly additions) (in service)	Relocate the Hudson 2 generation to project into the 345 kV at Marion and any associated substation upgrades (B2436.91) (monthly additions) (in service)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (monthly additions) (in service)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (monthly additions) (in service)	Ridge Road 69kV Breaker Station (B1255) (monthly additions) (in service)	Cox's Comer-Lumberton 230kV Circuit (B1787) (monthly additions) (in service)	Sewaren Switch 230kV Conversion (B2276) (monthly additions) (in service)	Susquehanna Breakers (B0489.5-B0489.15) (monthly additions) (in service)	Susquehanna Roseland <520KV (B0489.4) (monthly additions) (in service)	Susquehanna Roseland => 500KV (B0489) (monthly additions) (in service)	Burlington - Camden 230kV Conversion (B1156) (monthly additions) (in-service)	
Dec-15	18,477,450	1,292,000	-	-	-	-	-	-	15,515,959	12,035,060	-	6,857,687	40,538,248	723,503,148	354,730,847
Jan	18,477,450	1,292,000	-	-	-	-	-	-	292,589	6,161,628	-	-	-	-	-
Feb	30,129,343	-	-	-	-	-	-	-	12,153	652,570	-	-	-	-	-
Mar	89,201,680	-	-	-	-	-	-	-	17,462,834	695,192	-	-	-	-	-
Apr	51,470,985	-	-	-	-	-	-	-	456,590	211,091	-	-	-	-	-
May	55,847,505	-	-	-	-	-	-	-	27,803,197	10,247	-	-	-	-	-
Jun	90,621,487	152,684,178	19,694,890	19,694,890	27,239,122	19,694,915	25,264,003	25,264,003	5,906,041	13,150	-	-	-	-	-
Jul	3,045,137	-	-	-	-	-	-	-	18,290	-	-	-	-	-	-
Aug	1,741,545	-	-	-	-	-	-	-	18,290	-	-	-	-	-	-
Sep	7,027,342	-	-	-	-	-	-	-	18,290	-	-	-	-	-	-
Oct	2,771,505	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nov	13,085,766	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dec	300,958,144	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	664,678,193	153,976,178	19,694,890	19,694,890	27,239,122	19,694,915	25,264,003	25,264,003	33,764,108	33,763,562	112,005,777	6,857,687	40,538,248	723,503,148	354,730,847

Estimated Transmission Enhancement Charges (Before True-Up) - 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)	Reconductor South Mahwah K-3411 Circuit (B1018)	Branchburg 400 MVAR Capacitor (B0290)	Saddle Brook - Atheria Upgrade Cable (B0472)
530,687,571	2,316,538	939,068	10,074,454	2,551,745	3,238,044	3,140,998	1,908,350	834,421	2,561,882	3,277	1,150,001	2,616,920	2,717,165	10,418,379	1,867,140

Actual Transmission Enhancement Charges - 2014															
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)	Reconductor South Mahwah K-3411 Circuit (B1018)	Branchburg 400 MVAR Capacitor (B0290)	Saddle Brook - Atheria Upgrade Cable (B0472)
349,823,024	2,555,172	1,034,441	11,097,629	2,812,043	3,563,358	3,454,841	2,099,276	918,263	2,817,996	3,609	1,263,663	2,874,636	2,983,683	11,437,086	2,049,664

Reconciliation by Project (without interest)															
	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)	Reconductor South Mahwah K-3411 Circuit (B1018)	Branchburg 400 MVAR Capacitor (B0290)	Saddle Brook - Atheria Upgrade Cable (B0472)
Total Projects	706,819	281,907	3,109,603	781,172	(239,002)	1,037,886	(872,430)	262,584	473,282	(928)	50,074	784,120	150,037	6,299,082	1,005,135

Interest	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783
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True Up by Project (with interest) - 2014															
	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)	Reconductor South Mahwah K-3411 Circuit (B1018)	Branchburg 400 MVAR Capacitor (B0290)	Saddle Brook - Atheria Upgrade Cable (B0472)
Total Projects	754,759	301,028	3,320,514	834,155	(255,213)	1,108,281	(931,603)	280,394	505,383	(991)	53,470	837,303	160,214	6,726,321	1,073,309

Estimated Transmission Enhancement Charges (After True Up) - 2016															
	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)	Reconductor South Mahwah K-3411 Circuit (B1018)	Branchburg 400 MVAR Capacitor (B0290)	Saddle Brook - Atheria Upgrade Cable (B0472)
Total Projects	3,071,297	1,240,095	13,394,968	3,385,901	2,982,632	4,249,280	976,747	1,114,815	3,067,264	2,285	1,203,471	3,454,222	2,877,379	17,144,701	2,940,449

Estimated Additions - 2016																
(Q)	(R)	(S)	(T)	(U)	(V)	(W)	(X)	(Y)	(Z)	(AA)	(AB)	(AC)	(AD)	(AE)	(AF)	(AG)
Mickleton-Gloucester-Camden (B1398-B1398.7) (monthly additions) (in-service)	North Central Reliability (West Orange Conversion) (B1154)	Northeast Grid Reliability Project (B1304.1-B1304.4) (monthly additions) (in service)	Susquehanna Roseland < 500KV (B0489.4) (monthly additions)	Susquehanna Roseland = 500KV (B0489) (monthly additions)	North Central Reliability (West Orange Conversion) (B1154) (monthly additions) (CWIP)	Mickleton-Gloucester-Camden Breakers (B1398.7-B1398.19) (monthly additions) (CWIP)	Mickleton-Gloucester-Camden Breakers (B1398.15-B1398.19) (monthly additions) (CWIP)	Burlington - Camden 230KV Conversion (B1156.20) (monthly additions) (CWIP)	Burlington - Camden 230KV Conversion (B1156.13-B1156.20) (monthly additions) (CWIP)	Northeast Grid Reliability Project (B1304.1-B1304.4) (monthly additions) (CWIP)	Northeast Grid Reliability Project (B1304.5-B1304.21) (monthly additions) (CWIP)	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)
426,457,348	368,260,297	556,734,041	-	-	-	-	-	-	-	201,881,920	6,516,892	84,176,263	14,821,498	14,895,803	7,554,938	1,867,294
750,000	-	-	-	-	-	-	-	-	-	6,379,785	2,863,215	8,174,117	464,936	443,041	1,788,069	1,257,968
750,000	-	-	-	-	-	-	-	-	-	5,945,761	3,652,739	9,858,788	735,383	771,986	1,848,131	1,218,452
-	-	83,232,000	-	-	-	-	-	-	-	(64,773,045)	(10,055,655)	10,106,025	578,115	547,120	2,715,958	1,991,387
-	-	-	-	-	-	-	-	-	-	13,096,109	4,455,691	7,979,932	679,024	655,207	3,210,260	2,277,562
-	-	197,069,021	-	-	-	-	-	-	-	(162,430,530)	(7,442,882)	5,969,842	756,020	708,592	3,261,753	2,145,257
-	-	2,545,944	-	-	-	-	-	-	-	-	-	(129,602,783)	(16,299,388)	(16,370,159)	3,523,357	1,873,264
-	-	1,330,000	-	-	-	-	-	-	-	-	-	1,071,325	256,343	173,130	3,900,333	2,283,094
-	-	350,000	-	-	-	-	-	-	-	-	-	847,822	881,579	507,670	3,598,113	3,293,819
-	-	350,000	-	-	-	-	-	-	-	-	-	155,884	1,191,612	322,165	4,218,543	3,406,951
-	-	70,000	-	-	-	-	-	-	-	-	-	125,765	8,497,321	692,019	3,404,297	2,770,804
-	-	-	-	-	-	-	-	-	-	-	-	131,804	4,006,513	1,818,213	4,787,231	4,691,876
-	-	-	-	-	-	-	-	-	-	-	-	112,624	2,290,289	399,245	2,943,207	2,781,105
427,957,348	368,260,297	841,681,806	-	-	-	-	-	-	-	-	-	3,106,397	19,887,254	5,133,133	46,154,190	31,456,933

Estimated Transmission Enhancement Charges (Before True-Up) - 2016																
Branchburg-Sommerville-Flagtown Reconductor (B0664 & B0665)	Somerville-Bridgewater Reconductor (B0668)	New Essex-Kearny 138 KV circuit and bus tie (B0814)	Salem 500 KV breakers (B1410-B1415)	230KV Lawrence Switching Station Upgrade (B1228)	Bergen Substation Transformer (B1082)	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)	Burlington - Camden 230KV Conversion (B1156)	Mickleton-Gloucester-Camden (B1398.7)	North Central Reliability (West Orange Conversion) (B1154)	Northeast Grid Reliability Project (B1304.1-B1304.4)	Convert the Bergen - Marion 138 KV path to double circuit 345 KV and associated substation upgrades (B2436.10)
2,414,181	832,651	6,038,051	2,163,341	2,926,137	-	9,243,999	9,831,890	1,517,260	783,397	5,742,497	103,815,086	47,474,838	58,791,720	48,774,658	103,807,445	11,640,166

Actual Transmission Enhancement Charges - 2014																
Branchburg-Sommerville-Flagtown Reconductor (B0664 & B0665)	Somerville-Bridgewater Reconductor (B0668)	New Essex-Kearny 138 KV circuit and bus tie (B0814)	Salem 500 KV breakers (B1410-B1415)	230KV Lawrence Switching Station Upgrade (B1228)	Bergen Substation Transformer (B1082)	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)	Burlington - Camden 230KV Conversion (B1156)	Mickleton-Gloucester-Camden (B1398.7)	North Central Reliability (West Orange Conversion) (B1154)	Northeast Grid Reliability Project (B1304.1-B1304.4)	Convert the Bergen - Marion 138 KV path to double circuit 345 KV and associated substation upgrades (B2436.10)
2,650,353	913,777	6,607,879	1,755,636	3,209,866	-	8,878,852	3,438,903	234,599	859,361	4,647,913	66,426,879	37,392,933	5,279,191	47,135,528	14,884,013	

Reconciliation by Project (without interest)																
Branchburg-Sommerville-Flagtown Reconductor (B0664 & B0665)	Somerville-Bridgewater Reconductor (B0668)	New Essex-Kearny 138 kV circuit and bus tie (B0814)	Salem 500 kV breakers (B1410-B1415)	230kV Lawrence Switching Station Upgrade (B1228)	Bergen Substation Transformer (B1082)	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)	Burlington-Camden 230KV Conversion (B1156)	Mickleton-Gloucester-Camden(B139 8-B1398.7)	North Central Reliability (West Orange Conversion) (B1154)	Northeast Grid Reliability Project (B1304.1-B1304.4)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)
2,551,429	527,890	7,661,689	1,486,192	313,509	(1,706,813)	4,393,883	(235,937)	234,599	(467,903)	537,530	21,836,726	(4,583,542)	5,279,191	(495,634)	14,851,882	

1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783
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True Up by Project (with interest) - 2014																
Branchburg-Sommerville-Flagtown Reconductor (B0664 & B0665)	Somerville-Bridgewater Reconductor (B0668)	New Essex-Kearny 138 kV circuit and bus tie (B0814)	Salem 500 kV breakers (B1410-B1415)	230kV Lawrence Switching Station Upgrade (B1228)	Bergen Substation Transformer (B1082)	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)	Burlington-Camden 230KV Conversion (B1156)	Mickleton-Gloucester-Camden(B139 8-B1398.7)	North Central Reliability (West Orange Conversion) (B1154)	Northeast Grid Reliability Project (B1304.1-B1304.4)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)
2,724,481	563,695	8,181,348	1,586,994	334,773	(1,822,685)	4,691,901	(251,940)	250,511	(499,639)	573,988	23,317,816	(4,894,424)	5,637,255	(529,464)	15,859,221	-

Estimated Transmission Enhancement Charges (After True Up) - 2016																
Branchburg-Sommerville-Flagtown Reconductor (B0664 & B0665)	Somerville-Bridgewater Reconductor (B0668)	New Essex-Kearny 138 kV circuit and bus tie (B0814)	Salem 500 kV breakers (B1410-B1415)	230kV Lawrence Switching Station Upgrade (B1228)	Bergen Substation Transformer (B1082)	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)	Burlington-Camden 230KV Conversion (B1156)	Mickleton-Gloucester-Camden(B139 8-B1398.7)	North Central Reliability (West Orange Conversion) (B1154)	Northeast Grid Reliability Project (B1304.1-B1304.4)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)
5,138,662	1,396,346	14,219,399	3,750,335	3,260,909	(1,822,685)	13,935,901	9,579,650	1,767,771	283,758	6,316,485	127,132,992	42,560,414	64,428,975	48,245,194	119,566,666	11,640,166

Estimated Additions - 2016														
(AH)	(AJ)	(AJ)	(AK)	(AL)	(AM)	(AN)	(AO)	(AP)	(AQ)	(AR)	(AS)	(AT)	(AU)	(AV)
Construct a new North Ave Airport 345 kV circuit and any associated substation upgrades (B2436.50) (monthly additions) (CWIPI)	Relocate the underground portion of North Ave - Linden "1" 138 kV circuit to 345 kV, and any associated substation upgrades (B2436.60) (monthly additions) (CWIPI)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70) (monthly additions) (CWIPI)	Relocate the overhead portion of Linden - North Ave "1" 138 kV circuit to 345 kV, and any associated substation upgrades (B2436.81) (monthly additions) (CWIPI)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83) (monthly additions) (CWIPI)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84) (monthly additions) (CWIPI)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85) (monthly additions) (CWIPI)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90) (monthly additions) (CWIPI)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91) (monthly additions) (CWIPI)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (monthly additions) (CWIPI)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (monthly additions) (CWIPI)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20) (monthly additions) (CWIPI)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21) (monthly additions) (CWIPI)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30) (monthly additions) (CWIPI)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33) (monthly additions) (CWIPI)
3,309,282	4,404,029	6,053,980	3,338,989	3,338,989	5,782,211	5,782,211	15,432,721	14,219,415	19,427,024	19,665,474	2,990,285	2,991,005	1,715,265	233,988
592,995	288,330	325,607	298,042	298,042	405,746	405,746	565,629	333,434	1,192,722	332,722	144,832	144,832	597,110	107,174
603,990	236,758	480,510	328,276	328,276	344,185	344,185	2,406,793	746,630	1,314,800	454,800	159,376	159,376	687,556	21,755
743,599	850,301	273,245	1,701,230	1,701,230	853,196	853,196	2,641,692	427,737	1,168,824	2,028,824	659,573	659,573	49,850	116,161
1,148,822	671,180	543,237	1,331,090	1,331,090	488,476	488,476	1,632,381	566,428	871,049	1,731,049	325,601	325,601	597,802	65,789
2,716,363	871,325	2,469,307	1,230,536	1,230,536	1,246,551	1,246,551	660,583	594,220	10,178	10,178	555,140	555,140	358,942	110,060
2,254,897	1,479,270	3,490,803	2,034,206	2,034,206	2,048,041	2,048,041	(22,920,813)	(16,468,966)	(21,718,250)	(21,718,250)	1,185,130	1,185,130	575,513	95,081
2,731,821	976,189	3,261,820	1,134,625	1,134,625	1,150,892	1,150,892	83,232	56,954	3,748	3,748	551,021	551,021	3,244,188	111,797
2,690,501	994,361	2,608,327	917,882	917,882	913,416	913,416	67,421	46,578	2,973	2,973	295,814	295,814	1,860,783	457,618
3,148,383	837,175	2,578,248	1,129,217	1,129,217	1,123,600	1,123,600	83,031	56,817	3,739	3,739	379,764	379,764	2,142,744	260,979
3,659,719	643,851	1,742,928	1,031,261	1,031,261	1,126,514	1,126,514	81,744	46,210	3,941	3,941	271,970	271,970	1,501,982	212,236
4,157,535	692,382	5,249,978	1,086,970	1,086,970	1,075,271	1,075,271	92,823	48,984	3,127	3,127	14,052	14,052	1,543,262	1,765,576
1,995,538	507,421	3,037,872	860,285	860,285	775,548	775,548	86,342	41,055	2,702	2,702	11,391	11,391	1,333,627	355,033
29,153,435	13,451,622	32,115,862	16,422,638	16,422,638	17,333,648	17,333,648	906,569	715,475	2,285,677	2,524,127	7,543,949	7,544,869	16,168,422	3,913,246

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)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)	Upgrade Eagle Point - Gloucester 230kV Circuit (B1588)	Mickleton - Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner - Lumberton 230kV Circuit (B1787)	Sewaren Switch 230kV Conversion (B2276)	Susquehanna Roseland < 500kV (B0489.4)	Susquehanna Roseland >= 500kV (B0489)	North Central Reliability (West Orange Conversion) (B1154)	Mickleton - Gloucester - Camden (B1398-7)	Mickleton - Gloucester - Camden Breakers (B1398-15- B1398.19)	Burlington - Camden 230kV Conversion (B1156)
1,480,230	1,480,230	2,047,240	1,480,232	1,898,794	1,898,794	1,654,204	2,525,192	2,807,871	4,125,793	9,480,938	-	-	-	-	-	-

Actual Transmission Enhancement Charges - 2014																
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)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)	Upgrade Eagle Point - Gloucester 230kV Circuit (B1588)	Mickleton - Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner - Lumberton 230kV Circuit (B1787)	Sewaren Switch 230kV Conversion (B2276)	Susquehanna Roseland < 500kV (B0489.4)	Susquehanna Roseland >= 500kV (B0489)	North Central Reliability (West Orange Conversion) (B1154)	Mickleton - Gloucester - Camden (B1398-7)	Mickleton - Gloucester - Camden Breakers (B1398-15- B1398.19)	Burlington - Camden 230kV Conversion (B1156)
-	-	-	-	-	-	-	-	-	-	-	1,646,580	31,002,624	3,895,715	16,099,944	65,596	7,020,285

Reconciliation by Project (without interest)																
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)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)	Upgrade Eagle Point - Gloucester 230kV Circuit (B1588)	Mickleton-Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner-Lumberton 230kV Circuit (B1787)	Sewaren Switch 230kV Conversion (B2276)	Susquehanna Roseland < 500kV (B0489.4) (CWIPI)	Susquehanna Roseland >= 500kV (B0489) (CWIPI)	North Central Reliability (West Orange Conversion) (B1154) (CWIPI)	Mickleton-Gloucester-Camden (B1398-B1398.7) (CWIPI)	Mickleton-Gloucester-Camden Breakers (B1398.15-B1398.19) (CWIPI)	Burlington - Camden 230kV Conversion (B1156) (CWIPI)
											(5,248,317)	(18,976,078)	(2,198,692)	(6,756,619)	(29,586)	8,909,571
1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783

True Up by Project (with interest) - 2014																
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)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)	Upgrade Eagle Point - Gloucester 230kV Circuit (B1588)	Mickleton-Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner-Lumberton 230kV Circuit (B1787)	Sewaren Switch 230kV Conversion (B2276)	Susquehanna Roseland < 500kV (B0489.4) (CWIPI)	Susquehanna Roseland >= 500kV (B0489) (CWIPI)	North Central Reliability (West Orange Conversion) (B1154) (CWIPI)	Mickleton-Gloucester-Camden (B1398-B1398.7) (CWIPI)	Mickleton-Gloucester-Camden Breakers (B1398.15-B1398.19) (CWIPI)	Burlington - Camden 230kV Conversion (B1156) (CWIPI)
-	-	-	-	-	-	-	-	-	-	-	(5,604,287)	(20,263,143)	(2,347,820)	(7,214,891)	(31,572)	9,513,868

Estimated Transmission Enhancement Charges (After True Up) - 2016																
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)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11)	Upgrade Eagle Point - Gloucester 230kV Circuit (B1588)	Mickleton-Gloucester 230kV Circuit (B2139)	Ridge Road 69kV Breaker Station (B1255)	Cox's Corner-Lumberton 230kV Circuit (B1787)	Sewaren Switch 230kV Conversion (B2276)	Susquehanna Roseland < 500kV (B0489.4) (CWIPI)	Susquehanna Roseland >= 500kV (B0489) (CWIPI)	North Central Reliability (West Orange Conversion) (B1154) (CWIPI)	Mickleton-Gloucester-Camden (B1398-B1398.7) (CWIPI)	Mickleton-Gloucester-Camden Breakers (B1398.15-B1398.19) (CWIPI)	Burlington - Camden 230kV Conversion (B1156) (CWIPI)
1,480,230	1,480,230	2,047,240	1,480,232	1,898,794	1,898,794	1,654,204	2,625,192	2,807,671	4,125,793	9,460,938	(5,604,287)	(20,263,143)	(2,347,820)	(7,214,891)	(31,572)	9,513,868

	(AW)	(AX)	(AY)	(AZ)	(BA)	(BB)	(BC)	(BD)	(BE)	(BF)	(BG)	(BH)
		Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (in service)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21) (in service)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (in service)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.30) (in service)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91) (in service)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (in service)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (in service)	Ridge Road 69kV Breaker Station (B1255) (in service)	Cox's Corner - Lumberton 230kV Circuit (B1787) (in service)	Sewaren Switch 230kV Conversion (B2276) (in service)	
15-Dec	-	-	-	-	-	-	-	-	-	-	15,515,959	12,035,060
Jan	18,477,450	1,292,000	-	-	-	-	-	-	-	-	15,808,548	18,196,687
Feb	30,129,943	1,292,000	-	-	-	-	-	-	-	-	15,820,701	18,859,236
Mar	89,201,680	1,292,000	-	-	-	-	-	-	-	-	33,283,535	19,554,410
Apr	51,470,985	1,292,000	-	-	-	-	-	-	-	-	33,740,125	19,785,501
May	55,847,505	1,292,000	-	-	-	-	-	-	-	-	33,750,372	22,879,684
Jun	90,921,487	153,976,178	19,694,890	19,694,890	27,239,122	19,694,915	25,264,003	25,264,003	27,803,197	33,709,238	33,763,562	107,007,789
Jul	3,045,137	153,976,178	19,694,890	19,694,890	27,239,122	19,694,915	25,264,003	25,264,003	33,727,528	33,763,562	108,762,028	
Aug	1,741,545	153,976,178	19,694,890	19,694,890	27,239,122	19,694,915	25,264,003	25,264,003	33,745,818	33,763,562	110,599,860	
Sep	7,027,342	153,976,178	19,694,890	19,694,890	27,239,122	19,694,915	25,264,003	25,264,003	33,764,108	33,763,562	110,834,894	
Oct	2,771,025	153,976,178	19,694,890	19,694,890	27,239,122	19,694,915	25,264,003	25,264,003	33,764,108	33,763,562	111,030,356	
Nov	13,085,768	153,976,178	19,694,890	19,694,890	27,239,122	19,694,915	25,264,003	25,264,003	33,764,108	33,763,562	111,495,255	
Dec	300,958,144	153,976,178	19,694,890	19,694,890	27,239,122	19,694,915	25,264,003	25,264,003	33,764,108	33,763,562	112,005,777	
Total	654,678,193	1,084,293,249	137,864,227	137,864,227	190,673,856	137,864,402	176,848,020	176,848,020	264,042,213	384,264,178	883,626,559	
13 Month Average CWIP to Appendix A, line 45	51,129,092	83,407,173 7.04	10,604,941 7.00	10,604,941 7.00	14,667,220 7.00	10,604,954 7.00	13,603,694 7.00	13,603,694 7.00	20,310,939 7.82	29,558,783 11.38	67,925,120 7.88	

Burlington - Camden 230kV Conversion (B1156.13-B1156.20) (CWIP)	Northwest Grid Reliability Project (B1304.1-B1304.4) (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)	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)	
-	8,459,954	355,835	5,826,722	1,426,555	1,064,877	2,887,183	1,636,015	1,549,513	1,007,813	1,793,514	1,119,514	1,119,514

Actual Transmission Enhancement Charges - 2014												
Burlington - Camden 230kV Conversion (B1156.13-B1156.20) (CWIP)	Northwest Grid Reliability Project (B1304.1-B1304.4) (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)	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)	
461,551	29,152,116	3,752,145	391,383	61,526	58,653	74,197	58,912	41,991	21,259	56,093	24,145	24,145

Reconciliation by Project (without interest)												
Burlington - Camden 230kV Conversion (B1156.13-B1156.20) (C/WIP)	Northeast Grid Reliability Project (B1304.1-B1304.4) (C/WIP)	Northeast Grid Reliability Project (B1304.5-B1304.21) (C/WIP)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (C/WIP)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21) (C/WIP)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (C/WIP)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33) (C/WIP)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34) (C/WIP)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50) (C/WIP)	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) (C/WIP)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70) (C/WIP)	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) (C/WIP)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83) (C/WIP)
(615,050)	(26,513,038)	(3,159,564)	391,383	61,526	58,653	74,197	58,912	41,991	21,259	56,093	24,145	24,145

1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783
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True Up by Project (with interest) - 2014												
Burlington - Camden 230kV Conversion (B1156.13-B1156.20) (C/WIP)	Northeast Grid Reliability Project (B1304.1-B1304.4) (C/WIP)	Northeast Grid Reliability Project (B1304.5-B1304.21) (C/WIP)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (C/WIP)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21) (C/WIP)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (C/WIP)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33) (C/WIP)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34) (C/WIP)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50) (C/WIP)	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) (C/WIP)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70) (C/WIP)	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) (C/WIP)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83) (C/WIP)
(656,766)	(28,311,302)	(3,373,863)	417,929	65,699	62,631	79,229	62,908	44,839	22,701	59,898	25,783	25,783

Estimated Transmission Enhancement Charges (After True Up) - 2016												
Burlington - Camden 230kV Conversion (B1156.13-B1156.20) (C/WIP)	Northeast Grid Reliability Project (B1304.1-B1304.4) (C/WIP)	Northeast Grid Reliability Project (B1304.5-B1304.21) (C/WIP)	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10) (C/WIP)	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.21) (C/WIP)	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.22) (C/WIP)	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades (B2436.33) (C/WIP)	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades (B2436.34) (C/WIP)	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50) (C/WIP)	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) (C/WIP)	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades (B2436.70) (C/WIP)	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) (C/WIP)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83) (C/WIP)
(656,766)	(19,851,348)	(3,018,028)	6,244,651	1,492,254	1,127,509	2,866,412	1,898,923	1,594,352	1,030,614	1,853,412	1,145,297	1,145,297

(BI)	(BJ)	(BK)	(BL)	(BM)	(BN)	(BO)	(BP)	(BQ)	(BR)	(BS)	(BT)	(BU)	(BV)
Susquehanna Roseland Breakers (B0489.5-B0489.19) (in service)	Susquehanna Roseland <500kV (B0489.4) (in service)	Susquehanna Roseland >= 500kV (B0489) (in service)	Burlington - Camden 230kV Conversion (B1156) (in-service)	Mickleton-Gloucestercamden (B1398-B1398.7) (in-service)	North Central Reliability (West Orange Conversion) (B1154) (in service)	Northeast Grid Reliability Project (B1304 - B1304.4) (monthly additions) (in service)	Susquehanna Roseland < 500kV (B0489.4) (CWIIP)	Susquehanna Roseland >= 500kV (B0489) (CWIIP)	North Central Reliability (West Orange Conversion) (B1154) (CWIIP)	Mickleton-Gloucestercamden (B1398-B1398.7) (CWIIP)	Mickleton-Gloucestercamden Breakers (B1398.15-B1398.19) (CWIIP)	Burlington - Camden 230kV Conversion (B1156) (CWIIP)	Burlington - Camden 230kV Conversion (B1156.13-B1156.20) (CWIIP)
5,857,687	40,538,248	723,503,148	354,730,847	426,457,348	368,260,297	556,734,941	-	-	-	-	-	-	-
5,857,687	40,538,248	723,503,148	354,730,847	427,207,348	368,260,297	556,734,941	-	-	-	-	-	-	-
5,857,687	40,538,248	723,503,148	354,730,847	427,957,348	368,260,297	556,734,941	-	-	-	-	-	-	-
5,857,687	40,538,248	723,503,148	354,730,847	427,957,348	368,260,297	639,966,941	-	-	-	-	-	-	-
5,857,687	40,538,248	723,503,148	354,730,847	427,957,348	368,260,297	837,035,952	-	-	-	-	-	-	-
5,857,687	40,538,248	723,503,148	354,730,847	427,957,348	368,260,297	939,581,806	-	-	-	-	-	-	-
5,857,687	40,538,248	723,503,148	354,730,847	427,957,348	368,260,297	840,911,806	-	-	-	-	-	-	-
5,857,687	40,538,248	723,503,148	354,730,847	427,957,348	368,260,297	841,261,806	-	-	-	-	-	-	-
5,857,687	40,538,248	723,503,148	354,730,847	427,957,348	368,260,297	841,611,806	-	-	-	-	-	-	-
5,857,687	40,538,248	723,503,148	354,730,847	427,957,348	368,260,297	841,681,806	-	-	-	-	-	-	-
5,857,687	40,538,248	723,503,148	354,730,847	427,957,348	368,260,297	841,681,806	-	-	-	-	-	-	-
5,857,687	40,538,248	723,503,148	354,730,847	427,957,348	368,260,297	841,681,806	-	-	-	-	-	-	-
76,149,931	526,997,224	9,405,540,919	4,611,501,915	5,561,185,526	4,787,383,665	9,675,597,314	-	-	-	-	-	-	-
5,857,687	40,538,248	723,503,148	354,730,847	427,784,271	368,260,297	744,275,947	-	-	-	-	-	-	-
13.00	13.00	13.00	13.00	12.99	13.00	11.50	-	-	-	-	-	-	-

Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84) (CWIIP)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85) (CWIIP)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90) (CWIIP)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91) (CWIIP)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (CWIIP)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (CWIIP)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20) (CWIIP)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21) (CWIIP)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30) (CWIIP)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33) (CWIIP)	BRH Project (B0829-B0830) Abandoned	-
1,276,434	1,276,434	1,061,821	863,750	1,326,708	1,323,679	639,295	639,379	851,765	145,981	-	

Actual Transmission Enhancement Charges - 2014											
Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84) (CWIIP)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85) (CWIIP)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90) (CWIIP)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91) (CWIIP)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (CWIIP)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (CWIIP)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20) (CWIIP)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21) (CWIIP)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30) (CWIIP)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33) (CWIIP)	BRH Project (B0829-B0830) Abandoned	-
24,114	24,114	63,898	48,434	220,160	223,171	4,946	4,952	13,854	5,677	-	

Reconciliation by Project (without interest)										
Convert the Bayway-Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84) (CWIPI)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85) (CWIPI)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90) (CWIPI)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91) (CWIPI)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (CWIPI)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (CWIPI)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20) (CWIPI)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21) (CWIPI)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30) (CWIPI)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33) (CWIPI)	BRH Project (B0829-B0830) Abandoned
24,114	24,114	63,898	48,434	220,160	223,171	4,946	4,952	13,854	5,677	-

1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783	1,06783
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True Up by Project (with interest) - 2014										
Convert the Bayway-Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84) (CWIPI)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85) (CWIPI)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90) (CWIPI)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91) (CWIPI)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (CWIPI)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (CWIPI)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20) (CWIPI)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21) (CWIPI)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30) (CWIPI)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33) (CWIPI)	BRH Project (B0829-B0830) Abandoned
25,750	25,750	68,232	51,719	235,093	238,307	5,281	5,288	14,794	6,062	-

Estimated Transmission Enhancement Charges (After True Up) - 2016										
Convert the Bayway-Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84) (CWIPI)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85) (CWIPI)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90) (CWIPI)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2436.91) (CWIPI)	New Bergen 345/230 kV transformer and any associated substation upgrades (B2437.10) (CWIPI)	New Bergen 345/138 kV transformer #1 and any associated substation upgrades (B2437.11) (CWIPI)	New Bayway 345/138 kV transformer #1 and any associated substation upgrades (B2437.20) (CWIPI)	New Bayway 345/138 kV transformer #2 and any associated substation upgrades (B2437.21) (CWIPI)	New Linden 345/230 kV transformer and any associated substation upgrades (B2437.30) (CWIPI)	New Bayonne 345/69 kV transformer and any associated substation upgrades (B2437.33) (CWIPI)	BRH Project (B0829-B0830) Abandoned
1,302,184	1,302,184	1,150,053	915,470	1,561,801	1,561,986	644,576	644,666	856,559	152,043	-

Public Service Electric and Gas Company
 ATTACHMENT H-10A
 Attachment 6A - Project Specific Estimate and Reconciliation Worksheet - December 31, 2016

(BW)	(BX)	(BY)	(BZ)	(CA)	(CB)	(CC)	(CD)	(CE)	(CF)	(CG)	(CH)	(CI)	(CJ)	(CK)	(CL)	(CM)	(CN)	(CO)	(CP)	(CR)	(CS)
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 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 "I" 138 kV circuit 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 "I" 138 kV circuit to 345 kV, and any associated substation upgrades (B2436.81)	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.83)	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.84)	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades (B2436.85)	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades (B2436.90)	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated substation upgrades (B2437.10)	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 (B2437.21)	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)
(CWIPI)	(CWIPI)	(CWIPI)	(CWIPI)	(CWIPI)	(CWIPI)	(CWIPI)	(CWIPI)	(CWIPI)	(CWIPI)	(CWIPI)	(CWIPI)	(CWIPI)	(CWIPI)	(CWIPI)	(CWIPI)	(CWIPI)	(CWIPI)	(CWIPI)	(CWIPI)	(CWIPI)	(CWIPI)
201,881,920	6,516,892	84,176,263	14,821,498	14,895,803	7,554,938	1,867,294	3,309,282	4,404,029	6,053,980	3,338,989	3,338,989	5,782,211	5,782,211	15,432,721	14,219,415	19,427,024	19,665,474	2,990,285	2,991,005	1,715,265	233,966
208,261,705	9,380,107	92,350,380	15,286,434	15,338,844	9,343,007	3,125,262	3,902,277	4,692,359	6,379,587	3,637,031	3,637,031	6,187,957	6,187,957	15,998,349	14,552,849	20,619,745	19,998,196	3,135,116	3,135,836	2,312,374	341,140
214,107,466	13,042,846	102,209,178	16,081,827	16,109,330	11,191,138	4,341,714	4,536,257	4,920,128	6,860,096	3,965,307	3,965,307	6,532,142	6,532,142	18,407,142	15,299,478	21,934,545	20,452,095	3,204,492	3,205,213	2,969,029	352,896
149,334,421	2,987,191	112,315,293	16,667,942	16,667,050	13,807,096	5,933,101	5,249,856	5,779,429	7,133,342	5,665,536	5,665,536	7,385,339	7,385,339	21,048,624	15,727,216	23,103,369	22,481,919	3,954,066	3,954,786	3,010,459	479,057
162,430,630	7,442,882	120,295,135	17,336,966	17,312,257	17,117,356	8,210,663	6,398,678	6,450,607	7,676,579	6,997,626	6,997,626	7,873,815	7,873,815	22,681,206	16,293,643	23,974,418	24,212,868	4,279,666	4,280,386	3,608,293	544,845
-	-	126,264,877	18,092,966	18,020,849	20,379,108	10,355,920	9,115,041	7,321,932	10,145,886	8,228,162	8,228,162	9,120,366	9,120,366	23,341,789	16,887,863	23,984,536	24,223,046	4,834,806	4,835,526	3,967,235	654,906
-	-	652,194	1,793,598	1,650,050	23,932,465	12,229,184	11,369,937	9,890,202	13,636,489	10,262,368	10,262,368	11,168,407	11,168,407	411,076	418,878	2,268,346	2,504,796	6,019,936	6,020,656	4,542,748	749,986
-	-	1,733,519	2,049,841	1,823,820	27,202,798	14,512,278	14,101,758	9,778,392	16,898,310	11,398,993	11,398,993	12,319,300	12,319,300	495,207	475,831	2,270,094	2,508,545	6,570,958	6,571,678	7,786,934	861,783
-	-	2,581,341	2,901,519	2,331,490	30,800,911	17,806,097	16,792,259	10,770,752	19,506,637	12,314,875	12,314,875	13,232,716	13,232,716	562,629	522,410	2,273,067	2,511,518	6,866,771	6,867,492	9,647,717	1,319,401
-	-	2,737,205	4,093,132	2,653,656	35,018,454	21,213,048	19,940,643	11,607,928	22,084,884	13,444,082	13,444,082	14,366,316	14,366,316	645,680	578,227	2,276,807	2,515,267	7,246,536	7,247,256	11,790,461	1,580,380
-	-	2,863,870	19,590,452	2,915,676	38,423,752	23,983,852	23,000,361	12,251,819	23,927,812	14,475,383	14,475,383	15,462,830	15,462,830	727,494	625,436	2,273,848	2,516,298	7,518,506	7,519,226	19,291,543	1,792,636
-	-	2,995,774	17,596,966	4,733,888	43,210,983	26,675,828	27,157,897	12,944,201	29,077,790	16,562,353	16,562,353	16,568,101	16,568,101	820,227	674,421	2,282,975	2,521,426	7,532,557	7,533,278	14,834,805	3,558,212
-	-	3,108,397	19,887,254	5,133,133	46,154,190	31,456,933	29,153,435	13,451,622	32,115,662	16,422,638	16,422,638	17,333,648	17,333,648	806,569	715,475	2,285,677	2,524,127	7,543,949	7,544,669	16,168,432	3,913,245
936,016,043	39,369,916	654,293,237	166,190,517	119,577,082	324,207,194	183,711,171	173,997,682	113,180,399	201,397,554	125,712,354	125,712,354	143,333,149	143,333,149	121,479,793	96,992,142	148,978,510	148,638,363	71,787,643	71,797,086	95,646,229	16,392,454
13.00	13.00	210.49	8.05	23.30	7.02	5.84	5.97	8.41	6.27	7.65	7.65	8.27	8.27	134.00	135.56	65.18	58.89	9.52	9.52	5.92	4.19
72,001,234	3,028,455	50,330,272	12,322,347	9,198,237	24,939,015	14,131,629	13,384,437	8,706,185	15,492,081	9,670,181	9,670,181	11,025,627	11,025,627	9,344,593	7,460,934	11,459,885	11,433,720	5,522,126	5,522,847	7,357,402	1,260,958

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2016

1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if not a CIAC	Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	11.58%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	12.27%
5	C		Line B less Line A	0.69%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.90%

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

10	Details		Branchburg (B0130)			Kittatinny (B0134)			Essex Aldene (B0145)			New Freedom Trans.(B0411)		
	Yes/No	(Yes or No)	Yes	No	0	Yes	No	0	Yes	No	0	Yes	No	0
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	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	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	11.58%			11.58%			11.58%			11.58%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project	11.58%			11.58%			11.58%			11.58%		
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment	20,680,597			8,069,022			86,565,629			22,188,863		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp	492,395			192,120			2,061,086			528,306		
19	Months in service for depreciation expense from Attachment 6		13.00			13.00			13.00			13.00		
20	Year placed in Service (0 if CWIP)		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	11,087,629	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	11,087,629	18,534,745	528,306	2,812,043
40	W 11.68 % ROE	2015	16,249,041	492,395	2,470,088	6,644,135	192,120	1,000,786	71,279,238	2,061,086	10,736,580	18,006,439	528,306	2,719,894
41	W Increased ROE	2015	16,249,041	492,395	2,470,088	6,644,135	192,120	1,000,786	71,279,238	2,061,086	10,736,580	18,006,439	528,306	2,719,894
42	W 11.68 % ROE	2016	15,756,645	492,395	2,316,538	6,452,016	192,120	939,068	69,218,152	2,061,086	10,074,454	17,478,132	528,306	2,551,745
43	W Increased ROE	2016	15,756,645	492,395	2,316,538	6,452,016	192,120	939,068	69,218,152	2,061,086	10,074,454	17,478,132	528,306	2,551,745

Public Service Electric and Gas Company
 ATTACHMENT H-10A
 Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2016

1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if not a CIAC	Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	11.58%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	12.27%
5	C		Line B less Line A	0.69%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.90%

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

10	Details		New Freedom Loop (B0498)			Metuchen Transformer (B0161)			Branchburg-Flagtown-Somerville (B0169)			Flagtown-Somerville-Bridgewater (B0170)		
	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
11	"Yes" if a project under PJM GATT Schedule 12, otherwise "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	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	11.58%			11.58%			11.58%			11.58%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project	11.58%			11.58%			11.58%			11.58%		
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment	27,005,248			25,799,055			15,731,554			6,961,495		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp	642,982			614,263			374,561			165,750		
19	Months in service for depreciation expense from Attachment 6		13.00			13.00			13.00			13.00		
20	Year placed in Service (0 if CWIP)		2008			2009			2009			2008		
21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
22	W 11.68 % ROE	2006												
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	3,449,489	22,439,786	614,263	3,345,440	13,623,182	374,561	2,032,657	5,941,623	165,750	888,913
41	W Increased ROE	2015	23,058,705	642,982	3,449,489	22,439,786	614,263	3,345,440	13,623,182	374,561	2,032,657	5,941,623	165,750	888,913
42	W 11.68 % ROE	2016	22,415,723	642,982	3,238,044	21,825,523	614,263	3,140,998	13,248,621	374,561	1,908,350	5,775,874	165,750	834,421
43	W Increased ROE	2016	22,415,723	642,982	3,238,044	21,825,523	614,263	3,140,998	13,248,621	374,561	1,908,350	5,775,874	165,750	834,421

Public Service Electric and Gas Company
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1	New Plant Carrying Charge			
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3	A	152	Net Plant Carrying Charge without Depreciation	11.58%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	12.27%
5	C		Line B less Line A	0.69%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.90%

*The FCR resulting from Formula in a given year is used for that year only.
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10	Details		Reconductor South Mahwah K-3411 Circuit (B01018)			Branchburg 400 MVAR Capacitor (B0290)			Saddle Brook - Athenia Upgrade Cable (B0472)			Branchburg-Sommerville-Flagtown Reconductor (B0664 & B0665)		
			Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Amortization	Revenue	Ending	Amortization	Revenue
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	11.58%			11.58%			11.58%			11.58%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project	11.58%			11.58%			11.58%			11.58%		
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment	21,170,273			80,435,315			14,404,842			18,664,931		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp	504,054			1,915,127			342,972			444,403		
19	Months in service for depreciation expense from Attachment 6		13.00			13.00			13.00			13.00		
20	Year placed in Service (0 if CWIP)		2011			2012			2012			2012		
21		Invest Yr												
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	2,892,097	75,375,411	1,915,127	11,089,171	13,508,484	342,972	1,987,109	17,463,626	444,403	2,569,925
41	W Increased ROE	2015	19,620,544	504,054	2,892,097	75,375,411	1,915,127	11,089,171	13,508,484	342,972	1,987,109	17,463,626	444,403	2,569,925
42	W 11.68 % ROE	2016	19,116,490	504,054	2,717,165	73,449,702	1,915,127	10,418,379	13,165,512	342,972	1,867,140	17,014,619	444,403	2,414,181
43	W Increased ROE	2016	19,116,490	504,054	2,717,165	73,449,702	1,915,127	10,418,379	13,165,512	342,972	1,867,140	17,014,619	444,403	2,414,181

Public Service Electric and Gas Company
ATTACHMENT H-10A
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1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if not a CIAC	Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	11.58%
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The FCR resulting from Formula in a given year is used for that year only.
Therefore actual revenues collected in a year do not change based on cost data for subsequent years.
Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.
For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is the 13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.

10	Details	Somerville-Bridgewater Reconnector (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)			
		Yes	No	0	Yes	No	0	Yes	No	0	Yes	No	0	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Yes	No	0	Yes	No	0	Yes	No	0	Yes	No	0	
12	Useful life of the project	42			42			42			42			
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, otherwise "No"	No	No	0	No	No	0	No	No	0	No	No	0	
14	Input the allowed increase in ROE	0			0			0			0			
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.58%			11.58%			11.58%			11.58%			
16	Line 14 plus (line 5 times line 15)/100	11.58%			11.58%			11.58%			11.58%			
17	Service Account 101 or 106 if not yet classified - End of year balance	6,390,403			46,073,296			16,316,117			22,040,646			
18	Line 17 divided by line 12	152.152			1,096,983			388,479			524,777			
19	Months in service for depreciation expense from Attachment 6	13.00			13.00			13.00			13.00			
20	Year placed in Service (0 if CWIP)	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	5,989,364	151,180	880,154	43,605,982	1,092,466	6,399,809	15,622,924	385,269	2,286,756	21,341,402	524,777	3,122,268
41	W Increased ROE	2015	5,989,364	151,180	880,154	43,605,982	1,092,466	6,399,809	15,622,924	385,269	2,286,756	21,341,402	524,777	3,122,268
42	W 11.68 % ROE	2016	5,878,038	152,152	832,651	42,680,131	1,096,983	6,038,051	15,330,967	388,479	2,163,341	20,742,550	524,777	2,926,137
43	W Increased ROE	2016	5,878,038	152,152	832,651	42,680,131	1,096,983	6,038,051	15,330,967	388,479	2,163,341	20,742,550	524,777	2,926,137

Public Service Electric and Gas Company
 ATTACHMENT H-10A
Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2016

1		New Plant Carrying Charge			
2		Fixed Charge Rate (FCR) if not a CIAC	Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	11.58%	
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	12.27%	
5	C		Line B less Line A	0.69%	
6		FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.90%	

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

10	Details		Bergen Substation Transformer (B1082)			Branchburg-Middlesex Switch Rack (B1155)			Aldene-Springfield Rd. Conversion (B1399)			Upgrade Camden-Richmond 230kV Circuit (B1590)		
	Schedule 12	(Yes or No)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
11	Useful life of the project	Life	42	42	42	42	42	42	42	42	42	42	42	
12	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29. Otherwise "No"	CIAC	No	No	No	No	No	No	No	No	No	No	No	
13	Input the allowed increase in ROE	Increased ROE (Basis Points)	0	0	0	0	0	0	0	0	0	0	0	
14	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE	11.58%	11.58%	11.58%	11.58%	11.58%	11.58%	11.58%	11.58%	11.58%	11.58%	11.58%	
15	Line 14 plus (line 5 times line 15)/100	FCR for This Project	11.58%	11.58%	11.58%	11.58%	11.58%	11.58%	11.58%	11.58%	11.58%	11.58%	11.58%	
16	Service Account 101 or 106 if not yet classified - End of year balance	Investment	-	68,260,260	71,564,861	10,901,749	-	-	-	-	-	-	-	
17	Line 17 divided by line 12	Annual Depreciation or Amort Exp	-	1,625,244	1,703,925	259,565	-	-	-	-	-	-	-	
18	Months in service for depreciation expense from Attachment 6			13.00	13.00	13.00								
19	Year placed in Service (0 if CWIP)			2013	2014	2014								
20														
21		Invest Yr	Ending	Ending	Ending	Ending	Ending	Ending	Ending	Ending	Ending	Ending	Ending	
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		20,876,286	101,812	695,908								
37	W Increased ROE	2013		20,876,286	101,812	695,908								
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		
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		
40	W 11.68 % ROE	2015		37,378,572	908,985	5,458,382	33,025,871	799,927	4,819,551					
41	W Increased ROE	2015		37,378,572	908,985	5,458,382	33,025,871	799,927	4,819,551					
42	W 11.68 % ROE	2016		65,809,557	1,625,244	9,243,999	70,208,024	1,703,925	9,831,890	10,863,757	259,565	1,517,260		
43	W Increased ROE	2016		65,809,557	1,625,244	9,243,999	70,208,024	1,703,925	9,831,890	10,863,757	259,565	1,517,260		

Public Service Electric and Gas Company
 ATTACHMENT H-10A
 Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2016

1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if not a CIAC	Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	11.58%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	12.27%
5	C		Line B less Line A	0.69%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.90%

The FCR resulting from Formula in a given year is used for that year only.
 Therefore actual revenues collected in a year do not change based on cost data for subsequent years.

Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.
 For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects. Line 17 is the 13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.

10	Details	Susquehanna Roseland Breakers (b0489.5-B0489.15)			Susquehanna Roseland - 500KV (B0489.4)			Susquehanna Roseland - 500KV (B0489)			Burlington - Camden 230KV Conversion (B1156)												
		Yes	No	Increased ROE (Basis Points)	11.68% ROE	FCR for This Project	Investment	Annual Depreciation or Amort Exp	13.00	2010	Yes	No	Increased ROE (Basis Points)	11.68% ROE	FCR for This Project	Investment	Annual Depreciation or Amort Exp	13.00	2011				
11	"Yes" if a project under PJM CATT Schedule 12, otherwise "No"	Yes	No		Yes	No		Yes	No		Yes	No		Yes	No								
12	Useful life of the project	42			42			42			42			42									
13	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, Otherwise "No"	No	No		No	No		No	No		No	No		No	No								
14	Input the allowed increase in ROE	125			125			125			0			0									
15	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.58%			11.58%			11.58%			11.58%			11.58%									
16	Line 14 plus (line 5 times line 15)/100	12.44%			12.44%			12.44%			11.58%			11.58%									
17	Service Account 101 or 106 if not yet classified - End of year balance	5,857,687			40,538,248			723,503,148			354,730,847												
18	Line 17 divided by line 12	139,469			965,196			17,226,265			8,445,973												
19	Months in service for depreciation expense from Attachment 6		13.00			13.00			13.00			13.00											
20	Year placed in Service (0 if CWIP)		2010		2011			2012			2011												
21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	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	7,844,331	111,778	905,525							19,902,939	147,204	1,150,144						
33	W Increased ROE	2011	5,849,885	116,061	1,014,845	7,844,331	111,778	952,449							19,902,939	147,204	1,150,144						
34	W 11.68 % ROE	2012	5,733,823	139,469	1,000,541	7,628,074	184,491	1,331,330	4,694,511	8,598	62,828	19,848,511	475,501	3,452,558	19,848,511	475,501	3,452,558						
35	W Increased ROE	2012	5,733,823	139,469	1,051,531	7,628,074	184,491	1,399,243	4,694,511	8,598	66,040	19,848,511	475,501	3,452,558	19,848,511	475,501	3,452,558						
36	W 11.68 % ROE	2013	5,594,354	139,469	916,713	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	118,115,741	2,827,106	19,237,368						
37	W Increased ROE	2013	5,594,354	139,469	967,047	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	118,115,741	2,827,106	19,237,368						
38	W 11.68 % ROE	2014	5,454,886	139,469	811,586	4,082,737	717,210	4,387,056	666,963,000	10,160,548	62,692,814	333,325,376	6,107,990	37,392,933	333,325,376	6,107,990	37,392,933						
39	W Increased ROE	2014	5,454,886	139,469	859,361	4,082,737	717,210	4,647,913	666,963,000	10,160,548	66,426,879	333,325,376	6,107,990	37,392,933	333,325,376	6,107,990	37,392,933						
40	W 11.68 % ROE	2015	5,315,417	139,469	786,415	39,413,941	965,196	5,762,321	718,988,609	16,720,459	101,351,556	327,911,640	8,048,113	47,958,686	327,911,640	8,048,113	47,958,686						
41	W Increased ROE	2015	5,315,417	139,469	832,840	39,413,941	965,196	6,106,563	718,988,609	16,720,459	107,424,698	327,911,640	8,048,113	47,958,686	327,911,640	8,048,113	47,958,686						
42	W 11.68 % ROE	2016	5,175,948	139,469	738,687	38,400,330	965,196	5,410,793	696,007,937	17,226,265	97,802,922	337,124,933	8,445,973	47,474,838	337,124,933	8,445,973	47,474,838						
43	W Increased ROE	2016	5,175,948	139,469	783,397	38,400,330	965,196	5,742,497	696,007,937	17,226,265	103,815,086	337,124,933	8,445,973	47,474,838	337,124,933	8,445,973	47,474,838						

Public Service Electric and Gas Company
 ATTACHMENT H-10A
 Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2016

1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if not a CIAC	Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	11.58%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	12.27%
5	C		Line B less Line A	0.69%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.90%

*The FCR resulting from Formula in a given year is used for that year only.
 Therefore actual revenues collected in a year do not change based on cost data for subsequent years.*

Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012. For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is the 13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.

10	Details		Mickleton-Gloucester-Camden(B1398-B1398.7)			North Central Reliability (West Orange Conversion (B1154))			Northeast Grid Reliability Project (B1304.1-B1304.4)			Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades (B2436.10)		
			Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12 (Yes or No)	Yes			Yes			Yes			Yes		
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			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	11.58%			11.58%			11.58%			11.58%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project	11.58%			11.58%			11.75%			11.58%		
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment	427,957,348			388,260,297			841,681,806			153,976,178		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp	10,189,461			8,768,102			20,040,043			3,666,099		
19	Months in service for depreciation expense from Attachment 6		12.99			13.00			11.50			7.04		
20	Year placed in Service (0 if CWIP)		2013			2012			2013			2015		
21		Invest Yr												
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	777,714	1,424	9,736	257,640,264	6,135,009	41,929,935	23,466,022	86,647	592,253			
37	W Increased ROE	2013	777,714	1,424	9,736	257,640,264	6,135,009	41,929,935	23,466,022	86,647	598,801			
38	W 11.68 % ROE	2014	83,696,796	854,944	5,279,191	360,673,484	7,742,354	47,135,528	274,113,325	2,382,627	14,708,781			
39	W Increased ROE	2014	83,696,796	854,944	5,279,191	360,673,484	7,742,354	47,135,528	274,113,325	2,382,627	14,884,013			
40	W 11.68 % ROE	2015	411,828,630	7,077,175	43,254,699	356,261,842	8,782,756	52,036,324	744,741,989	10,657,466	65,130,424	7,600,000	27,839	170,148
41	W Increased ROE	2015	411,828,630	7,077,175	43,254,699	356,261,842	8,782,756	52,036,324	744,741,989	10,657,466	65,912,222	7,600,000	27,839	170,148
42	W 11.68 % ROE	2016	420,023,804	10,185,340	58,791,720	345,570,065	8,768,102	48,774,658	828,555,066	17,720,856	102,541,677	153,948,340	1,985,885	11,640,166
43	W Increased ROE	2016	420,023,804	10,185,340	58,791,720	345,570,065	8,768,102	48,774,658	828,555,066	17,720,856	103,807,445	153,948,340	1,985,885	11,640,166

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2016

1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if not a CIAC	Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	11.58%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	12.27%
5	C		Line B less Line A	0.69%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.90%

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Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012.
For abandoned plant lines 12, 14, 15, and 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	Schedule 12 (Yes or No)	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)			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)		
			Yes	42	42	42	42	42	42	42	42	42	42	
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "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	11.58%			11.58%			11.58%			11.58%		
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project	11.58%			11.58%			11.58%			11.58%		
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment	19,694,890			19,694,890			27,239,122			19,694,915		
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp	468,926			468,926			648,551			468,927		
19	Months in service for depreciation expense from Attachment 6		7.00			7.00			7.00			7.00		
20	Year placed in Service (0 if CWIP)		2016			2016			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												
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	19,694,890	252,499	1,480,230	19,694,890	252,499	1,480,230	27,239,122	349,220	2,047,240	19,694,915	252,499	1,480,232
43	W Increased ROE	2016	19,694,890	252,499	1,480,230	19,694,890	252,499	1,480,230	27,239,122	349,220	2,047,240	19,694,915	252,499	1,480,232

Public Service Electric and Gas Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2016

1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if not a CIAC	Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	11.58%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	12.27%
5	C		Line B less Line A	0.69%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.90%

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

Line	Details	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)			Upgrade Eagle Point-Gloucesterc 230kV Circuit (B1588)			Mickleton-Gloucesterc 230kV Circuit (B2139)			
		Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	
10	*Yes* if a project under PJM OATT Schedule 12, otherwise *No*													
11	Useful life of the project	42			42			42			42			
12	*Yes* if the customer has paid a lumpsum payment in the amount of the investment on line 29, otherwise *No*													
13	Input the allowed increase in ROE	0			0			0			0			
14	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.58%			11.58%			11.58%			11.58%			
15	Line 14 plus (line 5 times line 15)/100	11.58%			11.58%			11.58%			11.58%			
16	Service Account 101 or 106 if not yet classified - End of year balance	25,264,003			25,264,003			11,954,175			18,237,729			
17	Annual Depreciation or Amort Exp	601,524			601,524			284,623			434,232			
18	Line 17 divided by line 12	7.00			7.00			13.00			13.00			
19	Months in service for depreciation expense from Attachment 6													
20	Year placed in Service (0 if CWIP)	2016			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							10,157,273	123,958	757,614	13,755,622	176,354	1,077,855
41	W Increased ROE	2015							10,157,273	123,958	757,614	13,755,622	176,354	1,077,855
42	W 11.68 % ROE	2016	25,264,003	323,897	1,898,794	25,264,003	323,897	1,898,794	11,830,218	284,623	1,654,204	18,061,375	434,232	2,525,192
43	W Increased ROE	2016	25,264,003	323,897	1,898,794	25,264,003	323,897	1,898,794	11,830,218	284,623	1,654,204	18,061,375	434,232	2,525,192

Public Service Electric and Gas Company
 ATTACHMENT H-10A
 Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2016

1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if not a CIAC	Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	11.58%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	12.27%
5	C		Line B less Line A	0.69%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.90%

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

10	Details	Ridge Road 69kV Breaker Station (B1255)		Cox's Corner-Lumberton 230kV Circuit (B1787)		Sewaren Switch 230kV Conversion (B2276)		Susquehanna Roseland < 500kV (B0489.4) (CWIP)	
		Yes	42	Yes	42	Yes	42	Yes	42
11	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	Schedule 12	(Yes or No)	Yes	42	Yes	42	Yes	42
12	Useful life of the project	Life	(Yes or No)	Yes	42	Yes	42	Yes	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	
14	Input the allowed increase in ROE	Increased ROE (Basis Points)		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		11.58%		11.58%		11.58%	
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project		11.58%		11.58%		12.44%	
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment		33,764,108		33,763,562		112,005,777	
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp		803,907		803,894		2,666,804	
19	Months in service for depreciation expense from Attachment 6			7.82		11.38		7.88	
20	Year placed in Service (0 if CWIP)			2016		2015		2015	
21		Invest Yr		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						8,601,534	794,647
29	W Increased ROE	2009						8,601,534	833,737
30	W 11.68 % ROE	2010						10,121,290	1,719,499
31	W Increased ROE	2010						10,121,290	1,811,185
32	W 11.68 % ROE	2011						30,831,150	3,376,923
33	W Increased ROE	2011						30,831,150	3,565,874
34	W 11.68 % ROE	2012						38,077,851	5,359,127
35	W Increased ROE	2012						38,077,851	5,676,479
36	W 11.68 % ROE	2013						40,538,248	5,381,625
37	W Increased ROE	2013						40,538,248	5,730,133
38	W 11.68 % ROE	2014						12,476,737	1,537,307
39	W Increased ROE	2014						12,476,737	1,646,580
40	W 11.68 % ROE	2015		31,269,172	389,350	2,379,660			
41	W Increased ROE	2015		31,269,172	389,350	2,379,660			
42	W 11.68 % ROE	2016		33,374,758	483,594	2,807,871	33,763,562	703,781	4,125,793
43	W Increased ROE	2016		33,374,758	483,594	2,807,871	33,763,562	703,781	4,125,793

Public Service Electric and Gas Company
ATTACHMENT 14-10A
Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2016

1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if not a CIAC	Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	11.58%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	12.27%
5	C		Line B less Line A	0.69%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.90%

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

10	Details		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)		
	Schedule 12 (Yes or No)	CIAC (Yes or No)	Yes	No	0	Yes	No	0	Yes	No	25	Yes	No	25
11	Useful life of the project		42			42			42			42		
12	Input the allowed increase in ROE													
13	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13		11.58%			11.58%			11.58%			11.58%		
14	Line 14 plus (line 5 times line 15)/100		11.58%			11.58%			11.75%			11.75%		
15	Service Account 101 or 106 if not yet classified - End of year balance	Investment	-			-			72,001,234			3,028,455		
16	Annual Depreciation or Amort Exp		-			-			1,714,315			72,106		
17	Line 17 divided by line 12		-			-			13.00			13.00		
18	Months in service for depreciation expense from Attachment 6													
19	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	128,653,138		10,501,318	9,231,712		791,084	81,587,177		6,341,372	5,537,185		457,198
35	W Increased ROE	2012	128,653,138		10,501,318	9,231,712		791,084	81,587,177		6,416,475	5,537,185		462,613
36	W 11.68 % ROE	2013	155,344,760		22,819,788	8,854,018		1,275,855	184,611,449		18,512,179	18,052,410		1,627,531
37	W Increased ROE	2013	155,344,760		22,819,788	8,854,018		1,275,855	184,611,449		18,751,945	18,052,410		1,648,610
38	W 11.68 % ROE	2014	56,976,438		7,020,285	3,745,932		461,551	211,553,988		28,743,491	33,293,621		3,699,551
39	W Increased ROE	2014	56,976,438		7,020,285	3,745,932		461,551	211,553,988		29,152,116	33,293,621		3,752,145
40	W 11.68 % ROE	2015							129,109,243		15,714,062	25,032,697		3,046,764
41	W Increased ROE	2015							129,109,243		15,939,591	25,032,697		3,090,491
42	W 11.68 % ROE	2016							72,001,234		8,335,564	3,028,455		350,603
43	W Increased ROE	2016							72,001,234		8,459,954	3,028,455		355,835

Public Service Electric and Gas Company
ATTACHMENT 14-10A
Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2016

1	New Plant Carrying Charge		Page 14 of 19
2	Fixed Charge Rate (FCR) if not a CIAC		
	Formula Line		
3	A 152	Net Plant Carrying Charge without Depreciation	11.58%
4	B 159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	12.27%
5	C	Line B less Line A	0.69%
6	FCR if a CIAC		
7	D 153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.90%

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

	Details		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)
10	"Yes" if a project under PJM OATT Schedule 12, otherwise "No"	(Yes or No)	Yes	Yes	Yes	Yes
11	Useful life of the project	Life	42	42	42	42
12	"Yes" if the customer has paid a lumpsum payment in the amount of the investment on line 29, otherwise "No"	CIAC (Yes or No)	No	No	No	No
13	Input the allowed increase in ROE	Increased ROE (Basis Points)	0	0	0	0
14	From line 3 above if "No" on line 13 and From line 7 above if "Yes" on line 13	11.68% ROE	11.58%	11.58%	11.58%	11.58%
15	Line 14 plus (line 5 times line 15)/100	FCR for This Project	11.58%	11.58%	11.58%	11.58%
16	Service Account 101 or 106 if not yet classified - End of year balance	Investment	3,108,397	19,887,254	5,133,133	46,154,190
17	Line 17 divided by line 12	Annual Depreciation or Amort Exp	74,009	473,506	122,217	1,098,909
18	Months in service for depreciation expense from Attachment 6		210.49	8.05	23.30	7.02
19	Year placed in Service (0 if CWIP)					
20						
21		Invest Yr	Ending	Ending	Ending	Ending
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	9,496,612	1,589,541	1,531,032	58,653
39	W Increased ROE	2014	391,383	61,526	1,531,032	58,653
40	W 11.68 % ROE	2015	32,184,737	7,086,018	7,014,415	6,990,065
41	W Increased ROE	2015	1,789,839	435,427	429,818	6,990,065
42	W 11.68 % ROE	2016	3,108,397	19,887,254	5,133,133	46,154,190
43	W Increased ROE	2016	5,826,722	1,426,555	1,064,877	2,887,183
			3,108,397	19,887,254	5,133,133	46,154,190
			5,826,722	1,426,555	1,064,877	2,887,183

Public Service Electric and Gas Company
 ATTACHMENT H-10A
 Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2016

1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if not a CIAC	Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	11.58%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	12.27%
5	C		Line B less Line A	0.69%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.90%

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

10	Details	(Yes or No)	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)		
			Yes	No	0	11.58%	11.58%	11.58%	11.58%	11.58%	11.58%	11.58%	11.58%	11.58%
11	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project		42			42			42			42		
13	CIAC	(Yes or No)	No			No			No			No		
14	Increased ROE (Basis Points)		0			0			0			0		
15	11.68% ROE		11.58%			11.58%			11.58%			11.58%		
16	FCR for This Project		11.58%			11.58%			11.58%			11.58%		
17	Investment		16,422,638			16,422,638			17,333,648			17,333,648		
18	Annual Depreciation or Amort Exp		391,015			391,015			412,706			412,706		
19	Year placed in Service (0 if CWIP)		7.65			7.65			8.27			8.27		
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	597,317		24,145	597,317		24,145	569,297		24,114	569,297		24,114
39	W Increased ROE	2014	597,317		24,145	597,317		24,145	569,297		24,114	569,297		24,114
40	W 11.68 % ROE	2015	3,791,995		208,938	3,791,995		208,938	3,803,715		209,880	3,803,715		209,880
41	W Increased ROE	2015	3,791,995		208,938	3,791,995		208,938	3,803,715		209,880	3,803,715		209,880
42	W 11.68 % ROE	2016	16,422,638		1,119,514	16,422,638		1,119,514	17,333,648		1,276,434	17,333,648		1,276,434
43	W Increased ROE	2016	16,422,638		1,119,514	16,422,638		1,119,514	17,333,648		1,276,434	17,333,648		1,276,434

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 7 - Transmission Enhancement Charges Worksheet (TEC) - December 31, 2016

1	New Plant Carrying Charge			
2	Fixed Charge Rate (FCR) if not a CIAC	Formula Line		
3	A	152	Net Plant Carrying Charge without Depreciation	11.58%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation	12.27%
5	C		Line B less Line A	0.69%
6	FCR if a CIAC			
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes	1.90%

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

10	Details	(Yes or No)	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)		
			Yes	No	0	Yes	No	0	Yes	No	0	Yes	No	0
11	Schedule 12	(Yes or No)	Yes			Yes			Yes			Yes		
12	Useful life of the project		42			42			42			42		
13	CIAC	(Yes or No)	No			No			No			No		
14	Increased ROE (Basis Points)		0			0			0			0		
15	11.68% ROE		11.58%			11.58%			11.58%			11.58%		
16	FCR for This Project		11.58%			11.58%			11.58%			11.58%		
17	Investment		906,569			715,475			2,285,677			2,524,127		
18	Annual Depreciation or Amort Exp		21,585			17,035			54,421			60,098		
19	Months in service for depreciation expense from Attachment 6		134.00			135.56			65.18			58.89		
20	Year placed in Service (0 if CWIP)													
21		Invest Yr	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	Ending	Depreciation or Amortization	Revenue	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	1,581,597		63,898	1,286,903		48,434	4,799,334		220,160	5,002,105		223,171
39	W Increased ROE	2014	1,581,597		63,898	1,286,903		48,434	4,799,334		220,160	5,002,105		223,171
40	W 11.68 % ROE	2015	6,978,388		428,764	6,748,815		409,201	13,083,452		881,430	13,083,452		881,430
41	W Increased ROE	2015	6,978,388		428,764	6,748,815		409,201	13,083,452		881,430	13,083,452		881,430
42	W 11.68 % ROE	2016	906,569		1,081,821	715,475		863,750	2,285,677		1,326,708	2,524,127		1,323,679
43	W Increased ROE	2016	906,569		1,081,821	715,475		863,750	2,285,677		1,326,708	2,524,127		1,323,679

1	New Plant Carrying Charge				
Page 18 of 19					
2	Fixed Charge Rate (FCR) if not a CIAC	Formula Line			
3	A	152	Net Plant Carrying Charge without Depreciation		11.58%
4	B	159	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation		12.27%
5	C		Line B less Line A		0.69%
6	FCR if a CIAC				
7	D	153	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes		1.90%
<p style="color: red; font-size: small;">The FCR resulting from Formula in a given year is used for that year only. Therefore actual revenues collected in a year do not change based on cost data for subsequent years. Per FERC Order dated December 30, 2011 in Docket No. ER12-296, the ROE for the Northeast Grid Reliability Project is 11.93%, which includes a 25 basis-point transmission ROE adder as authorized by FERC to become effective January 1, 2012. For abandoned plant lines 12, 14, 15, and 16 will be from Attachment 5 - Abandoned Transmission Projects, Line 17 is the 13 month average balance from Attach 6a, and Line 19 will be number of months to be amortized in year plus one.</p>					
8					
9					

			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)
10	Details					
11	*Yes* if a project under PJM GATT 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	11.58%	11.58%	11.58%	11.58%
16	Line 14 plus (line 5 times line 15)/100	FCR for This Project	11.58%	11.58%	11.58%	11.58%
17	Service Account 101 or 106 if not yet classified - End of year balance	Investment	7,543,949	7,544,669	16,168,432	3,913,246
18	Line 17 divided by line 12	Annual Depreciation or Amort Exp	179,618	179,635	384,963	93,173
19	Months in service for depreciation expense from Attachment 6		9.52	9.52	5.92	4.19
20	Year placed in Service (0 if CWIP)					
21		Invest Yr				
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	123,509	124,051	337,481	133,460
39	W Increased ROE	2014	4,946	4,952	13,854	5,677
40	W 11.68 % ROE	2015	300,607	300,607	3,392,144	187,534
41	W Increased ROE	2015	14,347	14,347	148,687	12,403
42	W 11.68 % ROE	2016	7,543,949	7,544,669	16,168,432	3,913,246
43	W Increased ROE	2016	639,295	639,379	851,765	145,981
			7,543,949	7,544,669	16,168,432	3,913,246
			639,295	639,379	851,765	145,981

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

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

Public Service Electric and Gas Company
 Projected Costs of Plant in Forecasted Rate Base and In-Service Dates
 12 Months Ended December 31, 2016

Required Transmission Enhancements

Upgrade ID	RTEP Baseline Project Description	Estimated/Actual Project Cost (thru 2016) *	Anticipated / Actual In-Service Date *
b0130	Replace all derated Branchburg 500/230 kv transformers	\$ 20,680,597	Jan-06
b0134	Reconductor Kittatinny - Newtown 230 kV with 1590 ACSS	\$ 8,069,022	Aug-07
b0145	Build new Essex - Aldene 230 kV cable connected through phase angle regulator at Essex	\$ 86,565,629	Aug-07
b0161	Install 230-138kV transformer at Metuchen substation	\$ 25,799,055	May-09
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-09
b0170	Reconductor the Flagtown-Somerville-Bridgewater 230 kV circuit with 1590 ACSS	\$ 6,961,495	Nov-08
b0172.2	Replace wave trap at Branchburg 500kV substation	\$ 27,988	May-08
b0274	Replace both 230/138 kV transformers at Roseland	\$ 21,073,706	May-09
b0290	Branchburg 400 MVAR Capacitor	\$ 80,435,315	Apr-12
b0411	Install 4th 500/230 kV transformer at New Freedom	\$ 22,188,863	Feb-07
b0472	Saddle Brook - Athena Upgrade Cable	\$ 14,404,842	May-12
b0489	Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project)	\$ 723,503,148	Dec-12
b0489.4	Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (Below 500 kV elements of the project)	\$ 40,538,248	May-11
b0489.5-b0489.15	Susquehanna Roseland Breakers	\$ 5,857,687	Nov-10
b0498	Loop the 5021 circuit into New Freedom 500 kV substation	\$ 27,005,248	Nov-08
b0664-b0665	Branchburg-Somerville-Flagtown Reconductor	\$ 18,664,931	Apr-12
b0668	Somerville -Bridgewater Reconductor	\$ 6,390,403	Apr-12
b0813	Reconductor Hudson - South Waterfront 230kV circuit	\$ 9,158,918	Dec-10
b0814	New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie	\$ 46,073,296	Oct-12
b1017	Reconductor South Mahwah 345 kV J-3410 Circuit	\$ 20,626,991	May-11
b1018	Reconductor South Mahwah 345 kV K-3411 Circuit	\$ 21,170,273	Dec-11
b1154	North Central Reliability (West Orange Conversion)	\$ 368,260,297	Dec-12
b1155	Branchburg-Middlesex Switch Rack	\$ 68,260,260	Apr-13
b1156	Burlington - Camden 230kV Conversion	\$ 354,730,847	May-11
b1228	230kV Lawrence Switching Station Upgrade	\$ 22,040,646	Dec-13
b1255	Ridge Road 69kV Breaker Station	\$ 33,764,108	May-16
b1304.1-b1304.4	Northeast Grid Reliability Project	\$ 841,681,806	Nov-13
b1398 - b1398.7	Mickleton-Gloucester-Camden	\$ 427,957,348	Dec-13
b1399	Aldene-Springfield Rd. Conversion	\$ 71,564,861	Jun-14
b1410-b1415	Replace Salem 500 kV breakers	\$ 16,316,117	Nov-11
b1588	Upgrade Eagle Point-Gloucester 230kV Circuit	\$ 11,954,175	Mar-15
b1590	Upgrade Camden-Richmond 230kV Circuit	\$ 10,901,749	Oct-14
b1787	Cox's Corner-Lumberton 230kV Circuit	\$ 33,763,562	Jun-15
b2139	Mickleton-Gloucester 230kV Circuit	\$ 18,237,729	Jun-15
b2276	Sewaren Switch 230kV Conversion	\$ 112,005,777	Jun-15
b2436.10	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades	\$ 153,976,178	Jan-16
b2436.21	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 19,694,890	Jun-16
b2436.22	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades	\$ 19,694,890	Jun-16
b2436.90	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades	\$ 27,239,122	Jun-16
b2436.91	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated upgrades	\$ 19,694,915	Jun-16
b2437.10	New Bergen 345/230 kV transformer and any associated substation upgrades	\$ 25,264,003	Jun-16
b2437.11	New Bergen 345/138 kV transformer #1 and any associated substation upgrades	\$ 25,264,003	Jun-16
b2436.10-b2437.33	Bergen Linden Corridor (BLC) (CWIP)	\$ 289,575,343	Various

Attachment 6
PJM Compliance Filing Docket No. ER14-1485-007



PJM Interconnection, L.L.C.
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May 20, 2016

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E., Room 1A
Washington, D.C. 20426

*Re: PJM Interconnection, L.L.C., Docket No. ER14-1485-007
Compliance Filing*

Dear Secretary Bose:

PJM Interconnection, L.L.C. (“PJM”) submits this filing in compliance with the Commission’s April 22, 2016 order, which among other things, directed PJM to revise the cost responsibility assignments for the Sewaren Project¹ set forth in Schedule 12-Appendix A of the PJM Open Access Transmission Tariff (“PJM Tariff”) consistent with the current Tariff on file.² PJM requests an effective date as determined by the Commission upon acceptance of this compliance filing.

I. BACKGROUND

On November 1, 2013, PJM submitted amendments to Schedule 12-Appendix A of the PJM Tariff approved by the PJM Board of Managers (“PJM Board”) on October 2, 2013 and included in the regional transmission expansion plan (“RTEP”).³ The November 1 Filing proposed to incorporate cost responsibility assignments for 192 baseline upgrades, including the Sewaren Project. The Sewaren Project was included in the RTEP as a reliability project and cost responsibility was assigned based on the solution-based distribution factor (“solution-based

¹ The Sewaren Project is identified as baseline project b2276 and its subparts.

² *Consolidated Edison Company of New York, Inc. v. PJM Interconnection, L.L.C., et al.*, 155 FERC ¶ 61,088 (Apr. 22, 2016) (“April 22 Order”).

³ *PJM Interconnection, L.L.C.*, Revisions to PJM Tariff, Schedule 12-Appendix A, Docket No. ER14-274-000 (Nov. 1, 2013) (“November 1 Filing”).

DFAX”) methodology set forth in Schedule 12(b)(iii). The Commission accepted the November 1 Filing, including the Sewaren Project, effective January 30, 2014 as requested.⁴

On March 13, 2014, PJM submitted amendments to Schedule 12-Appendix A, including corrections to the percentages of cost responsibility attributed to Linden VFT, LLC and Consolidated Edison Company, Inc. for the Sewaren Project. By order dated September 11, 2015, the Commission found PJM’s proposed revisions to Schedule 12-Appendix A, which reflected modeling corrections for the cost allocation of the Sewaren Project, to be consistent with Schedule 12 of the PJM Tariff.⁵

In the meantime, the PJM Transmission Owners filed a proposed cost allocation methodology for certain RTEP projects that would not otherwise be included in the RTEP but for the fact that such projects solely address local transmission owner planning criteria submitted in a FERC Form No. 715 (“FERC Form 715 methodology”). By order dated February 12, 2016, the Commission granted rehearing and accepted proposed revisions to Schedule 12 of the PJM Tariff to allocate 100 percent of the costs of projects included in the RTEP solely to address Form 715 local transmission owner planning criteria to the transmission owner in the zone in which the criteria applied, effective May 25, 2015.⁶

By order dated April 22, 2016, the Commission found the Sewaren Project was included in the RTEP solely to address an individual transmission owner’s Form 715 local planning criteria.⁷ The Commission also determined that the PJM Transmission Owners’ proposed Form 715 methodology did not exempt projects, like Sewaren, that were previously included in

⁴ *PJM Interconnection, L.L.C.*, Letter Order, Docket No. ER14-274-000 (Jan. 15, 2014).

⁵ *PJM Interconnection, L.L.C.*, 152 FERC ¶ 61,187 (2015) (“Sewaren Order”).

⁶ *PJM Interconnection, L.L.C.*, 154 FERC ¶ 61,096 (Feb. 12, 2016).

⁷ April 22 Order at P 51.

the RTEP from application of the new methodology. Consequently, the Commission directed PJM to submit a compliance filing by May 22, 2016 to revise the cost allocation for the Sewaren Project to reflect the Form 715 methodology.

In compliance, PJM submits the revised tariff sheets for b2776 and its subparts reassigning 100 percent of the cost responsibility for the project to Public Service Electric and Gas Company, who filed the Form 715 local planning criteria. PJM requests an effective date as determined by the Commission upon acceptance of this compliance filing.

II. DOCUMENTS ENCLOSED

PJM encloses the following:

- a. This transmittal letter;
- b. Attachment A – Cost Responsibility Assignment Summary for b2276, 2276.1 and 2276.2;
- c. Attachment B – Revised Schedule 12-Appendix A of the PJM Tariff (in redlined form); and
- d. Attachment C – Revised Schedule 12-Appendix A of the PJM Tariff (in clean form).

III. CORRESPONDENCE AND COMMUNICATIONS

Correspondence and communications with respect to this filing should be sent to the following persons:

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IV. SERVICE

PJM has served a copy of this filing on all PJM Members and on all state utility regulatory commissions in the PJM Region by posting this filing electronically. In accordance with the Commission's regulations,⁸ PJM will post a copy of this filing to the FERC filings section of its internet site, located at the following link: <http://www.pjm.com/documents/ferc-manuals/ferc-filings.aspx> with a specific link to the newly-filed document, and will send an e-mail on the same date as this filing to all PJM Members and all state utility regulatory commissions in the PJM Region⁹ alerting them this filing has been made by PJM and is available by following such link. If the document is not immediately available by using the referenced link, the document will be available through the referenced link within twenty-four hours of the filing. Also, a copy of this filing will be available on the Commission's eLibrary website located at the following link: <http://www.ferc.gov/docs-filing/elibrary.asp> in accordance with the Commission's regulations and Order No. 714.

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Respectfully submitted,

By: 

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*Counsel for
PJM Interconnection, L.L.C.*

⁸ See 18 C.F.R. §§ 35.2(e) and 385.201(f)(3) (2015).

⁹ PJM already maintains, updates, and regularly uses electronic mailing lists for all PJM Members and affected state commissions.

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that I have this day had served the foregoing document upon each person designated on the official service list compiled by the Secretary in this proceeding.

Dated at Audubon, Pennsylvania, this 20th day of May, 2016.



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Attachment A

Cost Responsibility Summary Sheets

Baseline Upgrade b2276

- Overview of Reliability Problem
 - ▶ Criteria Violation: Sewaren damage due to Sandy
 - ▶ Contingency: N/A
 - ▶ Criteria test: PSEG Criteria

- Overview of Reliability Solution
 - ▶ Description of Upgrade: Eliminate the Sewaren 138 kV bus by installing a new 230 kV bay at Sewaren 230 kV
 - ▶ Upgrade In-Service Date: June 01, 2015
 - ▶ Estimated Upgrade Cost: \$101.00 M
 - ▶ Construction Responsibility: PSEG

- Cost Allocation
 - ▶ The cost for this upgrade is allocated 100% to PSEG because the sole purpose of the upgrade is to address FERC Form 715 Transmission Owner planning criteria.

Baseline Upgrade b2276.1

- Overview of Reliability Problem
 - ▶ Criteria Violation: Sewaren damage due to Sandy
 - ▶ Contingency: N/A
 - ▶ Criteria test: PSEG Criteria

- Overview of Reliability Solution
 - ▶ Description of Upgrade: Convert the two 138 kV circuits from Sewaren – Metuchen to 230 kV circuits including Lafayette and Woodbridge substation
 - ▶ Upgrade In-Service Date: June 01, 2015
 - ▶ Estimated Upgrade Cost: Cost estimate included as part of network upgrade b2276.
 - ▶ Construction Responsibility: PSEG

- Cost Allocation
 - ▶ The cost for this upgrade is allocated 100% to PSEG because the sole purpose of the upgrade is to address Transmission Owner planning criteria.

Baseline Upgrade b2276.2

- Overview of Reliability Problem
 - ▶ Criteria Violation: Sewaren damage due to Sandy
 - ▶ Contingency: N/A
 - ▶ Criteria test: PSEG Criteria

- Overview of Reliability Solution
 - ▶ Description of Upgrade: Reconfigure the Metuchen 230 kV station to accommodate the two converted circuits
 - ▶ Upgrade In-Service Date: June 01, 2015
 - ▶ Estimated Upgrade Cost: Cost estimate included as part of network upgrade b2276.
 - ▶ Construction Responsibility: PSEG

- Cost Allocation
 - ▶ The cost for this upgrade is allocated 100% to PSEG because the sole purpose of the upgrade is to address Transmission Owner planning criteria.

Attachment B

Revisions to Schedule 12- Appendix A of
the PJM Open Access Transmission Tariff

(Marked Format)

SCHEDULE 12 – APPENDIX A

(12) Public Service Electric and Gas Company

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2218	Rebuild 4 miles of overhead line from Edison - Meadow Rd - Metuchen (Q 1317)	HTP (36.49%) / ECP** (63.51%)
b2239	50 MVAR reactor at Saddlebrook 230 kV	PSEG (100%)
b2240	50 MVAR reactor at Athenia 230 kV	PSEG (100%)
b2241	50 MVAR reactor at Bergen 230 kV	PSEG (100%)
b2242	50 MVAR reactor at Hudson 230 kV	PSEG (100%)
b2243	Two 50 MVAR reactors at Stanley Terrace 230 kV	PSEG (100%)
b2244	50 MVAR reactor at West Orange 230 kV	PSEG (100%)
b2245	50 MVAR reactor at Aldene 230 kV	PSEG (100%)
b2246	150 MVAR reactor at Camden 230 kV	PSEG (100%)
b2247	150 MVAR reactor at Gloucester 230 kV	PSEG (100%)
b2248	50 MVAR reactor at Clarksville 230 kV	PSEG (100%)
b2249	50 MVAR reactor at Hinchmans 230 kV	PSEG (100%)
b2250	50 MVAR reactor at Beaverbrook 230 kV	PSEG (100%)
b2251	50 MVAR reactor at Cox's Corner 230 kV	PSEG (100%)

*Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

The Annual Revenue Requirement for all Public Service Electric and Gas Company Projects (Required Transmission Enhancements) in this Section 12 shall be as specified in Attachment 7 of Attachment H-10A and under the procedures detailed in Attachment H-10B.

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2276	Eliminate the Sewaren 138 kV bus by installing a new 230 kV bay at Sewaren 230 kV	ConEd (50.82%) / ECP** (49.18%) PSEG (100%)
b2276.1	Convert the two 138 kV circuits from Sewaren – Metuchen to 230 kV circuits including Lafayette and Woodbridge substation	PSEG (100%) ConEd (50.82%) / ECP** (49.18%)
b2276.2	Reconfigure the Metuchen 230 kV station to accommodate the two converted circuits	PSEG (100%) ConEd (50.82%) / ECP** (49.18%)
b2290	Replace disconnect switches at Kilmer, Lake Nilson and Greenbrook 230 kV substations on the Raritan River - Middlesex (I-1023) circuit	PSEG (100%)
b2291	Replace circuit switcher at Lake Nelson 230 kV substation on the Raritan River - Middlesex (W-1037) circuit	PSEG (100%)
b2295	Replace the Salem 500 kV breaker 10X with 63kA breaker	PSEG (100%)
b2421	Install all 69kV lines to interconnect Plainfield, Greenbrook, and Bridgewater stations and establish the 69kV network	PSEG (100%)
b2421.1	Install two 18MVAR capacitors at Plainfield and S. Second St substation	PSEG (100%)

*Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2421.2	Install a second four (4) breaker 69kV ring bus at Bridgewater Switching Station	PSEG (100%)
b2436.11	Convert the Bergen - Homestead "F" 138 kV circuit to 345 kV and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (94.04%) / HTP*** (0.51%) / ECP** (5.45%)</p>
b2436.12	Convert the Bergen - North Bergen "E" 138 kV circuit to 345 kV and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (94.32%) / HTP*** (0.22%) / ECP** (5.46%)</p>

*Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

***Hudson Transmission Partners, LLC

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement		Responsible Customer(s)
b2436.13	Convert the North Bergen - Homestead "E" 138 kV circuit to 345 kV and any associated substation upgrades		<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (93.88%) / HTP*** (0.68%) / ECP** (5.44%)</p>
b2436.14	Convert the Homestead - Marion "E" 138 kV circuit to 345 kV and any associated substation upgrades		<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (92.09%) / HTP*** (0.44%) / ECP** (5.33%) / PSEG (2.06%) / RE (0.08%)</p>

*Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

***Hudson Transmission Partners, LLC

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2436.15	Convert the Homestead - Marion "F" 138 kV circuit to 345 kV and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (92.45%) / HTP*** (0.39%) / ECP** (5.35%) / PSEG (1.74%) / RE (0.07%)</p>
b2436.21	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (85.83%) / HTP*** (13.21%) / ECP** (0.96%)</p>

*Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

***Hudson Transmission Partners, LLC

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement		Responsible Customer(s)
b2436.22	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades		<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (85.83%) / HTP*** (13.21%) / ECP** (0.96%)</p>
b2436.31	Convert the Bayonne - PVSC "I" 138 kV circuit to 345 kV and any associated substation upgrades		<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (86.70%) / HTP*** (12.33%) / ECP** (0.97%)</p>

*Neptune Regional Transmission System, LLC

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Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2436.32	Construct a new Bayonne - PVSC 345 kV circuit and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (86.67%) / HTP*** (12.32%) / ECP** (1.01%)</p>
b2436.41	Convert the PVSC - North Ave "E" 138 kV circuit to 345 kV and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (86.92%) / HTP*** (12.36%) / ECP** (0.72%)</p>

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Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2436.42	Construct a new PVSC - North Ave 345 kV circuit and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (86.93%) / HTP*** (12.36%) / ECP** (0.71%)</p>
b2436.50	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades	ConEd (86.59%) / HTP*** (12.31%) / ECP** (1.10%)
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	ConEd (87.35%) / HTP*** (12.42%) / ECP** (0.23%)
b2436.70	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades	ConEd (87.43%) / HTP*** (12.43%) / ECP** (0.14%)

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Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2436.81	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (22.94%) / HTP*** (5.10%) / ECP** (0.08%) / PSEG (69.17%) / RE (2.71%)</p>
b2436.82	Convert the Bayway - Linden "X" 138 kV circuit to 345 kV and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (22.94%) / HTP*** (5.10%) / ECP** (0.08%) / PSEG (69.17%) / RE (2.71%)</p>

*Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

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Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2436.83	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (22.94%) / HTP*** (5.10%) / ECP** (0.08%) / PSEG (69.17%) / RE (2.71%)</p>
b2436.90	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (100.00%)</p>

*Neptune Regional Transmission System, LLC
 **East Coast Power, L.L.C.
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Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2436.91	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated upgrades	PSEG (100.00%)
b2437.10	New Bergen 345/230 kV transformer and any associated substation upgrades	ConEd (91.84%) / HTP*** (1.16%) / ECP** (3.56%) / PSEG (3.31%) / RE (0.13%)
b2437.11	New Bergen 345/138 kV transformer #1 and any associated substation upgrades	ConEd (100.00%)
b2437.12	New Bergen 345/138 kV transformer #2 and any associated substation upgrades	ConEd (81.64%) / HTP*** (18.36%)
b2437.20	New Bayway 345/138 kV transformer #1 and any associated substation upgrades	ConEd (100.00%)
b2437.21	New Bayway 345/138 kV transformer #2 and any associated substation upgrades	ConEd (100.00%)
b2437.30	New Linden 345/230 kV transformer and any associated substation upgrades	ConEd (86.94%) / HTP*** (11.36%) / ECP** (1.70%)
b2437.31	New Linden 230/138 kV transformer and any associated substation upgrades	ConEd (15.49%) / HTP*** (3.67%) / ECP** (15.51%) / PSEG (62.86%) / RE (2.47%)
b2438	Install two reactors at Tosco 230 kV	PSEG (100.00%)
b2439	Replace the Tosco 138kV breaker 'CB1/2 (CBT)' with 63kA	PSEG (100.00%)
b2474	Rebuild Athenia 138 kV to 80kA	PSEG (100%)

*Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

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Attachment C

Revisions to Schedule 12- Appendix A of
the PJM Open Access Transmission Tariff

(Clean Format)

SCHEDULE 12 – APPENDIX A

(12) Public Service Electric and Gas Company

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2218	Rebuild 4 miles of overhead line from Edison - Meadow Rd - Metuchen (Q 1317)	HTP (36.49%) / ECP** (63.51%)
b2239	50 MVAR reactor at Saddlebrook 230 kV	PSEG (100%)
b2240	50 MVAR reactor at Athenia 230 kV	PSEG (100%)
b2241	50 MVAR reactor at Bergen 230 kV	PSEG (100%)
b2242	50 MVAR reactor at Hudson 230 kV	PSEG (100%)
b2243	Two 50 MVAR reactors at Stanley Terrace 230 kV	PSEG (100%)
b2244	50 MVAR reactor at West Orange 230 kV	PSEG (100%)
b2245	50 MVAR reactor at Aldene 230 kV	PSEG (100%)
b2246	150 MVAR reactor at Camden 230 kV	PSEG (100%)
b2247	150 MVAR reactor at Gloucester 230 kV	PSEG (100%)
b2248	50 MVAR reactor at Clarksville 230 kV	PSEG (100%)
b2249	50 MVAR reactor at Hinchmans 230 kV	PSEG (100%)
b2250	50 MVAR reactor at Beaverbrook 230 kV	PSEG (100%)
b2251	50 MVAR reactor at Cox's Corner 230 kV	PSEG (100%)

*Neptune Regional Transmission System, LLC

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The Annual Revenue Requirement for all Public Service Electric and Gas Company Projects (Required Transmission Enhancements) in this Section 12 shall be as specified in Attachment 7 of Attachment H-10A and under the procedures detailed in Attachment H-10B.

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2276	Eliminate the Sewaren 138 kV bus by installing a new 230 kV bay at Sewaren 230 kV	PSEG (100%)
b2276.1	Convert the two 138 kV circuits from Sewaren – Metuchen to 230 kV circuits including Lafayette and Woodbridge substation	PSEG (100%)
b2276.2	Reconfigure the Metuchen 230 kV station to accommodate the two converted circuits	PSEG (100%)
b2290	Replace disconnect switches at Kilmer, Lake Nilson and Greenbrook 230 kV substations on the Raritan River - Middlesex (I-1023) circuit	PSEG (100%)
b2291	Replace circuit switcher at Lake Nelson 230 kV substation on the Raritan River - Middlesex (W-1037) circuit	PSEG (100%)
b2295	Replace the Salem 500 kV breaker 10X with 63kA breaker	PSEG (100%)
b2421	Install all 69kV lines to interconnect Plainfield, Greenbrook, and Bridgewater stations and establish the 69kV network	PSEG (100%)
b2421.1	Install two 18MVAR capacitors at Plainfield and S. Second St substation	PSEG (100%)

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**East Coast Power, L.L.C.

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2421.2	Install a second four (4) breaker 69kV ring bus at Bridgewater Switching Station	PSEG (100%)
b2436.11	Convert the Bergen - Homestead "F" 138 kV circuit to 345 kV and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (94.04%) / HTP*** (0.51%) / ECP** (5.45%)</p>
b2436.12	Convert the Bergen - North Bergen "E" 138 kV circuit to 345 kV and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (94.32%) / HTP*** (0.22%) / ECP** (5.46%)</p>

*Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

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Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2436.13	Convert the North Bergen - Homestead "E" 138 kV circuit to 345 kV and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (93.88%) / HTP*** (0.68%) / ECP** (5.44%)</p>
b2436.14	Convert the Homestead - Marion "E" 138 kV circuit to 345 kV and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (92.09%) / HTP*** (0.44%) / ECP** (5.33%) / PSEG (2.06%) / RE (0.08%)</p>

*Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

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Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2436.15	Convert the Homestead - Marion "F" 138 kV circuit to 345 kV and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (92.45%) / HTP*** (0.39%) / ECP** (5.35%) / PSEG (1.74%) / RE (0.07%)</p>
b2436.21	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (85.83%) / HTP*** (13.21%) / ECP** (0.96%)</p>

*Neptune Regional Transmission System, LLC

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Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement		Responsible Customer(s)
b2436.22	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades		<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (85.83%) / HTP*** (13.21%) / ECP** (0.96%)</p>
b2436.31	Convert the Bayonne - PVSC "I" 138 kV circuit to 345 kV and any associated substation upgrades		<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (86.70%) / HTP*** (12.33%) / ECP** (0.97%)</p>

*Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

***Hudson Transmission Partners, LLC

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement		Responsible Customer(s)
b2436.32	Construct a new Bayonne - PVSC 345 kV circuit and any associated substation upgrades		<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (86.67%) / HTP*** (12.32%) / ECP** (1.01%)</p>
b2436.41	Convert the PVSC - North Ave "E" 138 kV circuit to 345 kV and any associated substation upgrades		<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (86.92%) / HTP*** (12.36%) / ECP** (0.72%)</p>

*Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

***Hudson Transmission Partners, LLC

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2436.42	Construct a new PVSC - North Ave 345 kV circuit and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (86.93%) / HTP*** (12.36%) / ECP** (0.71%)</p>
b2436.50	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades	ConEd (86.59%) / HTP*** (12.31%) / ECP** (1.10%)
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	ConEd (87.35%) / HTP*** (12.42%) / ECP** (0.23%)
b2436.70	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades	ConEd (87.43%) / HTP*** (12.43%) / ECP** (0.14%)

*Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

***Hudson Transmission Partners, LLC

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2436.81	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (22.94%) / HTP*** (5.10%) / ECP** (0.08%) / PSEG (69.17%) / RE (2.71%)</p>
b2436.82	Convert the Bayway - Linden "X" 138 kV circuit to 345 kV and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (22.94%) / HTP*** (5.10%) / ECP** (0.08%) / PSEG (69.17%) / RE (2.71%)</p>

*Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

***Hudson Transmission Partners, LLC

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2436.83	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (22.94%) / HTP*** (5.10%) / ECP** (0.08%) / PSEG (69.17%) / RE (2.71%)</p>
b2436.90	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades	<p>Load-Ratio Share Allocation: AEC (1.53%) / AEP (15.32%) / APS (5.87%) / ATSI (7.76%) / BGE (4.18%) / ComEd (12.38%) / ConEd (0.57%) / Dayton (2.01%) / DEOK (3.21%) / DL (1.69%) / DPL (2.43%) / Dominion (12.42%) / EKPC (2.15%) / HTP*** (0.20%) / JCPL (3.54%) / ME (1.77%) / NEPTUNE* (0.42%) / PECO (5.18%) / PENELEC (1.92%) / PEPCO (3.98%) / PPL (5.05%) / PSEG (5.97%) / RE (0.25%) / ECP** (0.20%)</p> <p>DFAX Allocation: ConEd (100.00%)</p>

*Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

***Hudson Transmission Partners, LLC

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2436.91	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated upgrades	PSEG (100.00%)
b2437.10	New Bergen 345/230 kV transformer and any associated substation upgrades	ConEd (91.84%) / HTP*** (1.16%) / ECP** (3.56%) / PSEG (3.31%) / RE (0.13%)
b2437.11	New Bergen 345/138 kV transformer #1 and any associated substation upgrades	ConEd (100.00%)
b2437.12	New Bergen 345/138 kV transformer #2 and any associated substation upgrades	ConEd (81.64%) / HTP*** (18.36%)
b2437.20	New Bayway 345/138 kV transformer #1 and any associated substation upgrades	ConEd (100.00%)
b2437.21	New Bayway 345/138 kV transformer #2 and any associated substation upgrades	ConEd (100.00%)
b2437.30	New Linden 345/230 kV transformer and any associated substation upgrades	ConEd (86.94%) / HTP*** (11.36%) / ECP** (1.70%)
b2437.31	New Linden 230/138 kV transformer and any associated substation upgrades	ConEd (15.49%) / HTP*** (3.67%) / ECP** (15.51%) / PSEG (62.86%) / RE (2.47%)
b2438	Install two reactors at Tosco 230 kV	PSEG (100.00%)
b2439	Replace the Tosco 138kV breaker 'CB1/2 (CBT)' with 63kA	PSEG (100.00%)
b2474	Rebuild Athenia 138 kV to 80kA	PSEG (100%)

*Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

***Hudson Transmission Partners, LLC

Attachment 7
FERC Order Docket No. ER14-1485-007 Issued December 9, 2016

157 FERC ¶ 61,190
UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Before Commissioners: Norman C. Bay, Chairman;
Cheryl A. LaFleur, and Colette D. Honorable.

PJM Interconnection, L.L.C.

Docket Nos. ER14-1485-007
ER14-1485-008
ER14-1485-009

ORDER DENYING REHEARING, DENYING CLARIFICATION, AND REJECTING
A COMPLIANCE FILING

(Issued December 9, 2016)

1. On April 22, 2016, the Commission issued an order denying rehearing of the Commission's acceptance of cost responsibility assignments for the Sewaren Project.¹ Noting that the Commission had accepted a revision to the PJM Open Access Transmission Tariff (Tariff or OATT) to allocate 100 percent of the costs of projects that are included in the PJM Interconnection, L.L.C. (PJM) Regional Transmission Expansion Plan (RTEP) solely to address an individual transmission owner Form No. 715 local planning criteria to the zones of the individual transmission owners whose Form No. 715 local planning criteria underlies the project, the Commission also directed PJM to revise the cost responsibility assignments for the Sewaren Project to reflect the Tariff on file.²

¹ *Consolidated Edison Company of New York, Inc. v. PJM Interconnection, L.L.C.*, 155 FERC ¶ 61,088 (2016) (April 2016 Order). In addition, the Commission denied rehearing of a complaint by Consolidated Edison Company of New York, Inc. (Con Edison) and a separate cost allocation report proceeding (Docket Nos. EL15-18 and ER14-972, respectively).

² The PJM Tariff defines Required Transmission Enhancements as “[e]nhancements and expansions of the Transmission System that (1) a Regional Transmission Expansion Plan developed pursuant to Schedule 6 of the Operating Agreement...” PJM, Intra-PJM Tariffs, OATT, § 1.38C (R - S, OATT Definitions – R - S, 6.0.0).

PJM made a compliance filing (Compliance Filing), and sought clarification of the April 2016 Order. Public Service Electric and Gas Company (PSEG) filed a request for rehearing and protested the Compliance Filing.³

2. In this order, we deny rehearing, deny clarification and reject the Compliance Filing, as discussed in the body of this order.

I. Background

3. PJM, pursuant to section 205 of the Federal Power Act (FPA),⁴ files cost responsibility assignments for transmission upgrades that the PJM Board of Managers (PJM Board) approves as part of PJM's RTEP in accordance with Schedule 12 of the PJM Tariff and Schedule 6 of the Amended and Restated Operating Agreement of PJM (Operating Agreement).⁵ Schedule 6 of the Operating Agreement sets forth the process by which transmission expansions and enhancements (Required Transmission Enhancements) are identified and developed. The RTEP provides for the development of expansions and upgrades to PJM's transmission system in order to comply with reliability criteria, including North American Electric Reliability Corporation (NERC) Reliability Standards, Regional Entity reliability principles and standards, and local transmission owner planning criteria, as well as to maintain and enhance the economic and operational efficiency of PJM's wholesale electricity markets. Types of Reliability Projects⁶ selected

³ PSEG and PJM filed their requests in Docket Nos. ER14-972 and EL15-18. Docket Nos. ER14-972 and EL15-18 will be addressed separately.

⁴ 16 U.S.C. § 824e (2012).

⁵ In accordance with the Tariff and the Operating Agreement, PJM is required to make a filing with the Commission under section 205 of the FPA that includes, among other things, the: (1) expansion or enhancement projects the PJM Board approved for inclusion in the RTEP; (2) estimated costs of the projects; (3) entities responsible for paying the costs of the projects; and (4) the entity PJM has designated to develop the projects. *See* Operating Agreement, Schedule 6, § 1.6 (b) and PJM Tariff, Schedule 12, § (b)(viii).

⁶ Reliability Projects are defined as Required Transmission Enhancements included in the Regional Transmission Expansion Plan to address reliability violations or operational adequacy and performance issues. PJM, Intra-PJM Tariffs, OATT, Schedule 12, § (b)(i)(A)(2)(a) (Regional Facilities and Necessary Lower Voltage Facilities) (5.0.0).

in the RTEP for purposes of cost allocation include Regional Facilities,⁷ Necessary Lower Voltage Facilities,⁸ and Lower Voltage Facilities.⁹

4. Schedule 12 of the Tariff provides for the assignment of cost responsibility for Required Transmission Enhancements. In its orders addressing the PJM Transmission Owners' proposed Tariff revisions to comply with the regional cost allocation requirements of Order No. 1000,¹⁰ the Commission accepted a hybrid regional cost allocation method for Regional Facilities and Necessary Lower Voltage Facilities selected in the RTEP for purposes of cost allocation.¹¹ As approved, one half of the costs of such facilities are allocated on a load-ratio share basis and one half of the costs are

⁷ Regional Facilities are defined as Required Transmission Enhancements included in the Regional Transmission Expansion Plan that are transmission facilities that (a) are AC facilities that operate at or above 500 kV; (b) are double-circuit AC facilities that operate at or above 345 kV; (c) are AC or DC shunt reactive resources connected to a facility from (a) or (b); or (d) are DC facilities that meet the necessary criteria as described in section (b)(i)(D). PJM, Intra-PJM Tariffs, OATT, Schedule 12, § (b)(i) (Regional Facilities and Necessary Lower Voltage Facilities) (6.1.0).

⁸ Necessary Lower Voltage Facilities are defined as Required Transmission Enhancements included in the Regional Transmission Expansion Plan that are lower voltage facilities that must be constructed or reinforced to support new Regional Facilities. PJM, Intra-PJM Tariffs, OATT, Schedule 12, § (b)(i).

⁹ Lower Voltage Facilities are defined as Required Transmission Enhancements that (a) are not Regional Facilities and (b) are not "Necessary Lower Voltage Facilities." PJM, Intra-PJM Tariffs, OATT, Schedule 12, § (b)(ii) (Lower Voltage Facilities) (6.1.0).

¹⁰ *Transmission Planning and Cost Allocation by Transmission Owning and Operating Public Utilities*, Order No. 1000, FERC Stats. & Regs. ¶ 31,323 (2011) (Order No. 1000), *order on reh'g*, Order No. 1000-A, 139 FERC ¶ 61,132, *order on reh'g and clarification*, Order No. 1000-B, 141 FERC ¶ 61,044 (2012), *aff'd sub nom. S.C. Pub. Serv. Auth. v. FERC*, 762 F.3d 41 (D.C. Cir. 2014).

¹¹ The Commission accepted the regional cost allocation method as part of PJM's Order No. 1000 compliance filings. *See, PJM Interconnection, L.L.C.*, 142 FERC ¶ 61,214 (2013), *order on reh'g and compliance*, 147 FERC ¶ 61,128 (2014), *order on reh'g and compliance*, 150 FERC ¶ 61,038, and *order on reh'g and compliance*, 151 FERC ¶ 61,250 (2015).

allocated based on a solution-based distribution factor analysis (DFAX).¹² All of the costs of Lower Voltage Facilities are allocated using the solution-based DFAX method. These assignments of cost responsibility are included in Schedule 12-Appendix A of the Tariff.¹³ The Commission subsequently accepted a PJM Transmission Owner Tariff revision to allocate 100 percent of the costs for Required Transmission Enhancements that are included in the RTEP solely to address individual transmission owner Form No. 715 local planning criteria to the zone of the individual transmission owner whose Form No. 715 local planning criteria underlie the project.¹⁴

II. March 2014 Filing

5. On March 13, 2014, as amended on July 7, 2014, PJM filed revisions to Schedule 12-Appendix A of the PJM Tariff (March 2014 Filing). The Tariff revisions incorporate cost responsibility assignments for 19 baseline upgrades included in the recent update to the RTEP that the PJM Board approved on February 12, 2014. PJM also amended the cost responsibility assignments for projects b2276, b2276.1, and b2276.2,¹⁵ three baseline upgrades previously approved by the PJM Board and accepted by the Commission.¹⁶ PJM stated that the Sewaren Project cost responsibility assignments were being amended as there was an error in the original modeling used in calculation of the DFAX analysis (i.e., the model used did not include the new bus number for the phase angle regulators located at the Farragut station in Brooklyn, New York).

¹² Schedule 12, section (b)(1)(A).

¹³ Cost responsibility assignments for RTEP upgrades approved prior to the Commission's acceptance of the PJM Transmission Owners' Order No. 1000-compliant cost allocation method are included in Schedule 12-Appendix of the Tariff.

¹⁴ *See PJM Interconnection, L.L.C.*, 154 FERC ¶ 61,096 (2016) (February 2016 Tariff Revision Order).

¹⁵ The RTEP projects listed are referred to as the Sewaren Project (i.e., b2276, b2276.1, and b2276.2). These Required Transmission Enhancements are described in Schedule 12, Appendix A of the PJM Tariff.

¹⁶ These cost responsibility assignments were originally filed in Docket No. ER-274-000. *See PJM Interconnection, L.L.C.*, Docket No. ER14-274-000 (Jan. 15, 2014) (delegated letter order).

6. On September 11, 2015, the Commission accepted the revised cost responsibility assignments for the Sewaren Project, to become effective on June 11, 2014.¹⁷ The Commission stated that the only revision regarding the Sewaren Project is to correct an error in the modeling used in the calculation of the DFAX analysis. The Commission found that PJM had shown that the modeling correction is consistent with its Tariff. Con Edison and Linden VFT, LLC, (Linden) have requested rehearing.

7. In the April 2016 Order, the Commission found that Con Edison and Linden presented no persuasive arguments and denied the requests for rehearing of the Sewaren Order. The Commission further found that the Sewaren Project was included in the RTEP solely to address PSEG's Form No. 715 local planning criteria.¹⁸ Because the Commission accepted revisions to Schedule 12 of the PJM Tariff that assign cost responsibility for projects that are included in the RTEP solely to address transmission owner Form No. 715 local planning criteria to the zone of the individual transmission owner whose Form No. 715 local planning criteria underlies the project,¹⁹ the Commission directed PJM to make a compliance filing to revise the Tariff sheets to reflect the cost responsibility assignments for the Sewaren Project, consistent with the current Tariff on file.²⁰

¹⁷ See *PJM Interconnection, L.L.C.*, 152 FERC ¶ 61,187 (Sewaren Order) (accepting modeling revisions to the Sewaren Project cost allocation).

¹⁸ The Commission noted that the criteria test for the Sewaren Project is listed as PSEG criteria. April 2016 Order, 155 FERC ¶ 61,088 n.74. See Docket No. ER14-1485-000, March 13, 2014 PJM Filing, Attachment. A.

¹⁹ *PJM Interconnection, L.L.C.*, 154 FERC ¶ 61,096. Con Edison filed a motion to lodge, in this proceeding, the Commission order accepting these Tariff provisions. PSEG filed comments opposing Con Edison's motion. Because we accepted the Tariff revision to assign 100 percent of the cost responsibility of projects that are included in the RTEP solely to address transmission owner Form No. 715 local planning criteria to the zone of the individual transmission owner, Con Edison's request for rehearing of the June 18, 2015 Order denying the motion to lodge the proposed Tariff revisions is moot.

²⁰ See *West Deptford Energy, LLC v. FERC*, 766 F.3d 10 (D.C. Cir. 2014) (applying the rate on file, absent some type of grandfathering provision).

III. Pleadings

A. PSEG Rehearing Request

8. In seeking rehearing, PSEG argues that the April 2016 Order deprives it of a due process opportunity to be heard on a material issue of fact.²¹ Specifically, PSEG contends that the Sewaren Project addressed both aging infrastructure and short circuit issues, and that the pleadings in this proceeding provided the Commission with sufficient information to support its position.²² PSEG argues that while PJM identified PSEG criteria as the criteria test of the Sewaren Project, it would have protested the PSEG criteria designation had it known the significance of PJM's identification; specifically, the acceptance of Tariff revisions to Schedule 12 of the PJM Tariff in the February 2016 Tariff Revision Order that assigns 100 percent cost responsibility of projects that are included in the RTEP solely to address transmission owner Form No. 715 local planning criteria to the zone of the individual transmission owner whose Form No. 715 local planning criteria underlies the project.

9. PSEG further contends that the April 2016 Order engages in retroactive ratemaking by changing the cost allocation method for the Sewaren Project to undo the previously effective cost allocation. PSEG argues that changes to cost allocation should only apply prospectively because parties to whom the rate design changes apply cannot alter past decisions made in reliance on a rate design then in effect.²³

10. PSEG also contends that applying the new cost allocations to previously effective cost allocations for individual transmission owner Form No. 715 local planning criteria driven projects is not consistent with the Order No. 1000 requirement for the establishment of *ex ante* cost allocation rules to be applied to all transmission planning project categories. PSEG contends that the purpose of this requirement is to ensure that project developers and other stakeholders (e.g., state commissions, market participants, end-use customers) are well aware of and understand the cost impacts of projects being

²¹ PSEG Rehearing Request at 6.

²² *Id.* at 7 (referencing PJM April 14, 2016 Answer).

²³ *Id.* at 8-9 (citing *Occidental Chemical Corporation v. PJM Interconnection, L.L.C.*, 110 FERC ¶ 61,378, at P 10 (2005); *Consumers Energy Company*, 89 FERC ¶ 61,138, at 61,138 (1999); and *Union Electric Company*, 58 FERC ¶ 61,247 (1992) *Great Lakes Gas Transmission, L.P.*, 57 FERC ¶ 61,140, at 61,443 (1991); *Tennessee Gas Pipeline Company*, 46 FERC ¶ 61,113, at 61,443 (1989)).

proposed in the regional transmission planning process, and in turn increase the likelihood that transmission facilities selected in regional transmission plans for purposes of cost allocation are actually constructed, rather than later encountering cost allocation disputes that prevent their construction. PSEG argues that altering a project's effective cost allocation based on a subsequent revised method does not aid that objective, and that it will undermine the regional process, given the lack of confidence stakeholders will have in the resulting cost allocations discussed during the RTEP process.²⁴

11. Finally, PSEG argues that it would be consistent with precedent to apply the Tariff revisions to projects that are included in the RTEP solely to address individual transmission owner Form No. 715 local planning criteria that come after the effective date of the Tariff.²⁵

B. PJM Request for Clarification

12. PJM sought clarification of the April 2016 Order. Linden filed an answer to the request for clarification, and PSEG and Linden filed responsive pleadings. PSEG filed a request for rehearing of the April 2016 Order and protested the Compliance Filing. Con Edison also protested the Compliance Filing.

13. PJM seeks clarification of the effective date for revisions to the Tariff sheets for the Sewaren Project. Additionally, PJM states that compliance directives relative to the Tariff sheets to revise the cost responsibility assignments to be consistent with Form No. 715 were targeted to specific RTEP projects (i.e., the Sewaren project), and seeks clarification that it would update the cost allocation for such projects at the time of its annual RTEP updates.

14. Linden answers that the Commission directed PJM to revise the Tariff sheets so that the allocation of costs of the Sewaren Project would be consistent with Tariff on file, and did not require updating of the cost allocation through an annual update. Linden contends that no annual update is necessary. PSEG answers that the Tariff on file includes an annual rate adjustment mechanism, as this is the only approach contemplated or permitted by the Tariff. Linden argues that PSEG is incorrect in stating that the annual

²⁴ *Id.* at 9 (citing Order No. 1000, FERC Stats. & Regs. ¶ 31,323, *order on reh'g*, Order No. 1000-A, 139 FERC ¶ 61,132, *order on reh'g and clarification*, Order No. 1000-B, 141 FERC ¶ 61,044 (2012), *aff'd sub nom. S.C. Pub. Serv. Auth. v. FERC*, 762 F.3d 41 (D.C. Cir. 2014)).

²⁵ *Id.* at 10 (citing *PJM Interconnection, L.L.C.*, 154 FERC ¶ 61,097 (2016)).

adjustment mechanism is the only approach contemplated or permitted by the Tariff, and that PSEG is essentially asking the Commission to invalidate the effective date of the Tariff to an annual update filing process.

C. Compliance Filing

15. In protesting the Compliance Filing, PSEG contends that PJM unnecessarily explains that 100 percent of the cost of the Sewaren Project is allocated to PSEG “because the sole purpose of the upgrade is to address Transmission Owner planning criteria.”²⁶ As previously noted, PSEG contends that the Sewaren Project addresses not only a PSEG criteria, but short circuit problems.

16. Con Edison protests the Compliance Filing because PJM did not propose an effective date, but rather requested clarification by the Commission. Con Edison contends that the Tariff revisions became effective on May 25, 2015.

IV. Determination

A. PSEG Request for Rehearing Relating to Criteria Test

17. We deny PSEG’s request for rehearing. PSEG contends that the Sewaren Project addresses both aging infrastructure and short circuit issues, and that the pleadings in this proceeding provided the Commission with sufficient information to support its position. Specifically, seeking to retain the previously effective cost allocation, PSEG argues that the Sewaren Project also addressed short circuit issues on the 138 kV system.²⁷ In support, PSEG points to the PJM April 14, 2014 Answer that states that “[t]he solution for the short circuit issues would have required new 138 kV circuit breakers; however, in order to resolve the storm hardening and aging infrastructure issues, that solution required replacing the Sewaren 138 kV system with a 230 kV project, which eliminated the need for the 138 kV circuit breaker replacement project but resolved the underlying short circuit criteria violations.”²⁸ PJM’s answer further states that “the driver for the ultimate Sewaren Project was PSEG’s FERC Form No. 715 aging infrastructure and storm hardening criteria, which obviated the need for and replaced a replaced 138 kV

²⁶ PJM Compliance Filing, Att. A (Cost Responsibility Summary Sheet).

²⁷ PSEG Rehearing Request at 6 (citing PJM Staff Whitepaper, October 2013 at 7).

²⁸ PJM April 14, 2016 Answer at 2 (footnote omitted).

short circuit project,”²⁹ and the Tariff sheets identify the criteria test for the Sewaren Project as “PSEG Criteria.”

18. Schedule 12 provides that cost responsibility for any Required Transmission Enhancements that are included in the Regional Transmission Expansion Plan, but which would not have otherwise been so included but for the fact that they address individual Transmission Owner FERC filed planning criteria as filed in FERC Form No. 715 are allocated to the zone of the individual transmission owner whose Form No. 715 local planning criteria underlie the project.³⁰ However, as indicated in the PJM statements identified by PSEG, the reason for developing the Sewaren Project was PSEG’s Form No. 715 local planning criteria related to storm hardening and aging infrastructure. PSEG’s reference to the PJM Staff Whitepaper, while identifying short circuit concerns on the 138 kV system, does not contradict PJM’s statements regarding the criteria test for the Sewaren Project. In this case, PJM found the single driver for the Sewaren Project was PSEG’s Form No. 715 local planning criteria, aging infrastructure and storm hardening.³¹ Based upon PJM’s analysis of the Sewaren Project, we affirm our finding that the Sewaren Project was included in the RTEP solely to address PSEG’s Form No. 715 local planning criteria.

B. Request for Rehearing and Clarification Relating to the Effective Tariff Applicable to the Sewaren Project

19. PSEG contends that applying the new cost allocation method to previously effective cost responsibility assignments constitutes retroactive ratemaking as applied to a project that was planned prior to the effective date of the Tariff change, May 25, 2015. In denying rehearing of the February 2016 Tariff Revision Order, the Commission previously responded to these arguments, finding that notwithstanding the date on which a project may have been planned or approved by PJM, Schedule 12 (b)(xv) is not retroactive, as it applies prospectively to all costs allocated after its effective date.³² In

²⁹ *Id.* at 2-3.

³⁰ *See* February 2016 Tariff Revision Order.

³¹ PJM has identified multiple drivers when it finds the project is not included in the RTEP solely to address local transmission owner planning criteria as filed in FERC Form No. 715. *See, e.g.*, Linden June 27, 2016 Compliance Filing Answer at 5, (noting that PJM lists additional criteria test for project b2006.1.1).

³² *PJM Interconnection, LLC*, 157 FERC ¶ 61,192 (2016).

that order, the Commission also addressed PSEG's argument that applying the new cost allocations to previously effective cost allocations for individual transmission owner Form No. 715 local planning criteria projects is not consistent with the Order No. 1000 requirement for the establishment of *ex ante* cost allocation rules, and for the same reasons, we deny the rehearing request in this docket.

20. PJM seeks clarification that it would update the cost allocation for other projects included in RTEP as a result of individual transmission owner Form No. 715 local planning criteria at the same time as it makes its annual RTEP updates. We deny the request for clarification and require PJM to update the cost allocation for these projects as of May 25, 2015 in accordance with its Tariff. In addressing PJM's earlier request for clarification of the February 2016 Tariff Revision Order,³³ the Commission stated that PJM must apply the Tariff on file to all charges imposed from the date the Tariff provision became effective, which was May 25, 2015. As the Commission found, the Tariff provision itself provides that the cost allocations for prospective costs is not governed by the date of the annual cost update and will apply "notwithstanding" those provisions.³⁴

C. Compliance Filing

21. In the Compliance Filing, PJM submits the revised Tariff sheets for the Sewaren Project, reassigning 100 percent of the cost responsibility for the project to the PSEG zone. PJM requests an effective date as determined by the Commission upon acceptance of this Compliance Filing. As discussed above, the effective date of the Tariff revisions is May 25, 2015. The Tariff records filed in the Compliance Filing do not reflect the correct effective date applicable to cost allocations for the Sewaren Project. In providing clarification of the February 2016 Tariff Revision Order, we have required PJM to make a compliance filing to revise its Tariff records to reflect the May 25, 2015 effective date

³³ *PJM Interconnection, L.L.C.*, 157 FERC ¶ 61,192 (2016).

³⁴ Schedule 12(b)(xv) provides: "*notwithstanding Sections (b)(i), (b)(ii), (b)(iv) and (b)(v) [provisions requiring annual updates]*, cost responsibility for any Required Transmission Enhancements that are included in the Regional Transmission Expansion Plan, but which would not have otherwise been so included but for the fact that they address individual Transmission Owner FERC filed planning criteria as filed in FERC Form No. 715 and posted on the PJM website, shall be assigned to the Responsible Customers in the Zone of the Transmission Owner that filed such planning criteria." (emphasis added). Schedule 12, OATT Schedule 12 (7.0.0), <http://etariff.ferc.gov/TariffSectionDetails.aspx?tid=1731&sid=176905>.

for projects to address an individual transmission owner Form No. 715 local planning criteria, including the Tariff records relating to Sewaren Project. We therefore reject the Tariff record filed in the Compliance Filing, and Con Edison's protest is moot.

22. PSEG contends that the Compliance Filing transmittal letter incorrectly states "The cost for this upgrade is allocated 100 percent to PSEG because the sole purpose of the upgrade is to address FERC Form No. 715 Transmission Owner planning criteria." The transmittal letter is not part of the Tariff, which correctly allocates the costs pursuant to (b)(xv) of Schedule 12, and therefore no change is necessary. Moreover, the transmittal correctly indicates that the criteria test for the Sewaren Project is PSEG's Form No. 715 local planning criteria.

The Commission orders:

- (A) We deny the PSEG request for rehearing, as discussed in the body of this order.
- (B) We deny the PJM clarification, as discussed in the body of this order.
- (C) PJM's Compliance Filing is rejected, as discussed in the body of this order.

By the Commission.

(S E A L)

Kimberly D. Bose,
Secretary.

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