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VIA ELECTRONIC MAIL

March 25, 2022

In the Matter of the Provision of
Basic Generation Service (BGS) for
the Period Beginning June 1, 2022

Docket No. ER21030631

Aida Camacho-Welch, Secretary
Board of Public Utilities
44 South Clinton Avenue, 9th Floor
P.O. Box 350
Trenton, New Jersey 08625-0350

Dear Secretary Camacho-Welch:

Enclosed for filing by Public Service Electric and Gas Company ("Company"), please find an electronic copy of the Company's compliance filing provided in accordance with the Board of Public Utilities ("Board") Order dated February 9, 2022 in the above referenced docket.

At the Board's meeting on February 9, 2022, the Board certified the final results of the BGS-RSCP and BGS-CIEP Auctions in their entirety, approved the closing prices for each Electric Distribution Company (EDC), and ordered each EDC to file compliance tariff sheets by March 25, 2022.

Enclosed, please find the following attachments:

- Attachment 1 – Pro Forma Tariff Sheets
- Attachment 2 – Spreadsheets for Development of BGS Costs and Bid Factors
- Attachment 3 – Spreadsheets for the Calculation of BGS Rates
- Attachment 4 – Spreadsheets for the Development of Capacity Proxy Price True-Up & Final Zonal Net Load Price

The attached pro-forma tariff sheets, with exceptions discussed below, are effective June 1, 2022. They have been revised for the final auction results for BGS–RSCP and BGS–CIEP. Please note that the Original Revised Sheet No. 73 and the Fourteenth Revised Sheet No. 83 were approved by the Board on October 29, 2018 in Docket Nos. ER18010029, GR18010030, AX18010001 and ER18030231, and on March 9, 2022 in Docket No. ER22010028, respectively, and remain in effect.

These pro-forma tariff sheets will be available on the Company's website within several days of this compliance filing.

Furthermore, as directed by the Board's Order in Docket No. EO20030254, dated March 19, 2020, the Company hereby submits this filing via electronic delivery only to the Board Secretary and will suspend submitting such filings as paper documents until the Board directs otherwise.

Thank you for your attention and consideration in this matter. If you have any questions regarding this compliance filing, please advise.

Very truly yours,



Matthew M. Weissman

Attachments

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PUBLIC SERVICE ELECTRIC AND GAS COMPANY

B.P.U.N.J. No. 16 ELECTRIC

Original Sheet No. 73

COMMERCIAL AND INDUSTRIAL ENERGY PRICING (CIEP) STANDBY FEE

APPLICABLE TO:

All kilowatt-hour usage under Rate Schedules LPL-Secondary (500 kilowatts or greater), LPL-Primary, HTS-Subtransmission, HTS-Transmission, HTS-High Voltage and all kilowatt-hour usage for customers under Rate Schedules HS, GLP and LPL-Secondary (less than 500 kilowatts) who have elected hourly energy pricing service from either BGS-CIEP or a Third Party Supplier.

**Charge
(per kilowatt-hour)**

Commercial and Industrial Energy Pricing (CIEP) Standby Fee \$ 0.000150

Charge including New Jersey Sales and Use Tax (SUT) \$ 0.000160

The above charges shall recover costs associated with the administration, maintenance and availability of the Basic Generation Service default electric supply service for applicable rate schedules. These charges shall be combined with the Distribution Kilowatt-hour Charges for billing.

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: October 30, 2018

Effective: November 1, 2018

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 October 29, 2018
in Docket Nos. ER18010029, GR18010030, AX18010001 and ER1803021

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

B.P.U.N.J. No. 16 ELECTRIC

XXX Revised Sheet No. 75
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 & CAPACITY CHARGES:

Applicable to Rate Schedules RS, RHS, RLM, WH, WHS, HS, BPL, BPL-POF and PSAL
Charges per kilowatt-hour:

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>	
	Energy & Capacity Charges	Charges Including SUT	Energy & Capacity Charges	Charges Including SUT
RS – first 600 kWh	\$ 0.069413	\$ 0.074012	\$ 0.066331	\$ 0.070725
RS – in excess of 600 kWh	0.069413	0.074012	0.075462	0.080461
RHS – first 600 kWh	0.065240	0.069562	0.059185	0.063106
RHS – in excess of 600 kWh	0.065240	0.069562	0.071396	0.076126
RLM On-Peak	0.089421	0.095345	0.093779	0.099992
RLM Off-Peak	0.052229	0.055689	0.048231	0.051426
WH	0.055359	0.059027	0.054336	0.057936
WHS	0.054991	0.058634	0.054336	0.057936
HS	0.071193	0.075910	0.070771	0.075460
BPL	0.053886	0.057456	0.050311	0.053644
BPL-POF	0.053886	0.057456	0.050311	0.053644
PSAL	0.053886	0.057456	0.050311	0.053644

The above Basic Generation Service Energy Charges reflect costs for Energy, Generation Capacity, and Ancillary Services (including PJM Interconnection, L.L.C. (PJM) Administrative Charges).

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, SVP - Corporate Planning, Strategy and Utility Finance – PSE&G
80 Park Plaza, Newark, New Jersey 07102

Filed pursuant to Order of Board of Public Utilities dated February 9, 2022
in Docket No. ER21030631

Effective: June 1, 2022

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

XXX Revised Sheet No. 76

Superseding

B.P.U.N.J. No. 16 ELECTRIC

XXX Revised Sheet No. 76

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

ELECTRIC SUPPLY CHARGES

(Continued)

BGS TRANSMISSION CHARGES:

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

Charges per kilowatt-hour:

<u>Rate Schedule</u>	<u>For usage in all months</u>	
	<u>Transmission Charges</u>	<u>Charges Including SUT</u>
RS	\$0.051889	\$0.055327
RHS	0.029920	0.031902
RLM On-Peak	0.112240	0.119676
RLM Off-Peak	0.000000	0.000000
WH	0.000000	0.000000
WHS	0.000000	0.000000
HS	0.051655	0.055077
BPL	0.000000	0.000000
BPL-POF	0.000000	0.000000
PSAL	0.000000	0.000000

The above charges shall recover all costs related to 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 allocated to the above Rate Schedules. 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).

BGS ENERGY CHARGES:

Applicable to Rate Schedules GLP and LPL-Sec.

Charges per kilowatt-hour:

<u>Rate Schedule</u>	<u>For usage in each of the months of October through May</u>		<u>For usage in each of the months of June through September</u>	
	<u>Charges</u>	<u>Charges Including SUT</u>	<u>Charges</u>	<u>Charges Including SUT</u>
GLP	\$ 0.054749	\$ 0.058376	\$ 0.054625	\$ 0.058244
GLP Night Use	0.051554	0.054969	0.048231	0.051426
LPL-Sec. under 500 kW				
On-Peak	0.058329	0.062193	0.060868	0.064901
Off-Peak	0.051554	0.054969	0.048231	0.051426

The above Basic Generation Service Energy Charges reflect costs for Energy and Ancillary Services (including PJM Administrative Charges).

Kilowatt thresholds noted above are 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:

Effective: June 1, 2022

Issued by SCOTT S. JENNINGS, SVP - Corporate Planning, Strategy and Utility Finance – PSE&G
80 Park Plaza, Newark, New Jersey 07102

Filed pursuant to Order of Board of Public Utilities dated February 9, 2022
in Docket No. ER21030631

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

XXX Revised Sheet No. 79

B.P.U.N.J. No. 16 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 \$ 3.1889

Charge including New Jersey Sales and Use Tax (SUT) \$ 3.4002

Charge applicable in the months of October through May \$ 3.1889

Charge including New Jersey Sales and Use Tax (SUT) \$ 3.4002

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 \$ 135,358.49 per MW per year

EL05-121 \$ 78.17 per MW per month

Public Service Electric and Gas ROE Refund (\$ 404.92) per MW per month

FERC 680 & 715 Reallocation \$ 0.00 per MW per month

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 \$ 47.03 per MW per month

Virginia Electric and Power Company \$ 70.58 per MW per month

Potomac-Appalachian Transmission Highline L.L.C. \$ 1.56 per MW per month

PPL Electric Utilities Corporation \$ 168.93 per MW per month

American Electric Power Service Corporation \$ 18.49 per MW per month

Atlantic City Electric Company \$ 8.83 per MW per month

Delmarva Power and Light Company \$ 1.31 per MW per month

Potomac Electric Power Company \$ 2.71 per MW per month

Baltimore Gas and Electric Company \$ 6.49 per MW per month

Jersey Central Power and Light \$ 61.02 per MW per month

Mid Atlantic Interstate Transmission \$ 16.73 per MW per month

PECO Energy Company \$ 16.82 per MW per month

Silver Run Electric, Inc. \$ 43.21 per MW per month

Northern Indiana Public Service Company \$ 0.89 per MW per month

Commonwealth Edison Company \$ 0.14 per MW per month

South First Energy Operating Company \$ 0.70 per MW per month

Above rates converted to a charge per kW of Transmission

Obligation, applicable in all months \$ 11.4185

Charge including New Jersey Sales and Use Tax (SUT) \$ 12.1750

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:

Effective: June 1, 2022

Issued by SCOTT S. JENNINGS, SVP - Corporate Planning, Strategy and Utility Finance – PSE&G
80 Park Plaza, Newark, New Jersey 07102

Filed pursuant to Order of Board of Public Utilities dated February 9, 2022
in Docket No. ER21030631

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

B.P.U.N.J. No. 16 ELECTRIC

XXX Revised Sheet No. 82
Superseding
XXX Revised Sheet No. 82

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

APPLICABLE TO:

Default electric supply service for Rate Schedules LPL-Secondary (500 kilowatts or greater), LPL-Primary, HTS-Subtransmission, HTS-Transmission, HTS-High Voltage and to customers served under Rate Schedules HS, GLP and LPL-Secondary (less than 500 kilowatts) who have elected BGS-CIEP as their default supply service.

BGS ENERGY CHARGES:

Charges per kilowatt-hour:

BGS Energy Charges are hourly and include PJM Locational Marginal Prices, and PJM Ancillary Services. The total BGS Energy Charges are based on the sum of the following:

- The real time PJM Load Weighted Average Residual Metered Load Aggregate Locational Marginal Prices for the Public Service Transmission Zone, adjusted for losses (tariff losses, as defined in Standard Terms and Conditions Section 4.3, adjusted to remove the mean hourly PJM marginal losses of 0.71614%), and adjusted for SUT, plus
- Ancillary Services (including PJM Administrative Charges) at the rate of \$0.006000 per kilowatt-hour, adjusted for losses (tariff losses, as defined in Standard Terms and Conditions Section 4.3, adjusted to remove the mean hourly PJM marginal losses of 0.71614%), and adjusted for SUT, plus

BGS CAPACITY CHARGES:

Charges per kilowatt of Generation Obligation:

Charge applicable in the months of June through September.....\$ 8.4087

Charge including New Jersey Sales and Use Tax (SUT).....\$ 8.9658

Charges applicable in the months of October through May\$ 8.4087

Charges including New Jersey Sales and Use Tax (SUT).....\$ 8.9658

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.

Date of Issue:

Effective: June 1, 2022

Issued by SCOTT S. JENNINGS, SVP - Corporate Planning, Strategy and Utility Finance – PSE&G
80 Park Plaza, Newark, New Jersey 07102

Filed pursuant to Order of Board of Public Utilities dated February 9, 2022
in Docket No. ER21030631

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

Fourteenth Revised Sheet No. 83

B.P.U.N.J. No. 16 ELECTRIC

Superseding

Thirteenth 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.....	\$135,358.49 per MW per year
EL05-121.....	\$ 78.17 per MW per month
Public Service Electric and Gas ROE Refund.....	(\$ 404.92) per MW per month
FERC 680 & 715 Reallocation.....	\$ 0.00 per MW per month
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.....	\$ 47.03 per MW per month
Virginia Electric and Power Company.....	\$ 70.58 per MW per month
Potomac-Appalachian Transmission Highline L.L.C.....	\$ 1.56 per MW per month
PPL Electric Utilities Corporation.....	\$ 168.93 per MW per month
American Electric Power Service Corporation.....	\$ 18.49 per MW per month
Atlantic City Electric Company.....	\$ 8.83 per MW per month
Delmarva Power and Light Company.....	\$ 1.31 per MW per month
Potomac Electric Power Company.....	\$ 2.71 per MW per month
Baltimore Gas and Electric Company.....	\$ 6.49 per MW per month
Jersey Central Power and Light.....	\$ 61.02 per MW per month
Mid Atlantic Interstate Transmission.....	\$ 16.73 per MW per month
PECO Energy Company.....	\$ 16.82 per MW per month
Silver Run Electric, Inc.....	\$ 43.21 per MW per month
Northern Indiana Public Service Company.....	\$ 0.89 per MW per month
Commonwealth Edison Company.....	\$ 0.14 per MW per month
South First Energy Operating Company.....	\$ 0.70 per MW per month

Above rates converted to a charge per kW of Transmission Obligation, applicable in all months.....	\$11.4185
Charge including New Jersey Sales and Use Tax (SUT).....	\$12.1750

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.

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Effective: April 1, 2022

Issued by SCOTT S. JENNINGS, SVP - Corporate Planning, Strategy and Utility Finance – PSE&G
80 Park Plaza, Newark, New Jersey 07102

Filed pursuant to Order of Board of Public Utilities dated March 9, 2022
in Docket No. ER22010028

**Public Service Electric and Gas Company Specific Addendum
Attachment 2**

**Development of BGS-RSCP Cost and Bid Factors for 2022/2023 BGS Filing
Adjusted to Billing Time Periods**

Table #1	% Usage During PJM On-Peak Period	Based on average of year 2018, 2019 & 2020 Load Profile Information									
		On-Peak periods defined as the 16 hr PJM Trading period, adj for NERC holidays									
		Profile Meter	Profile Meter	Profile Meter	Profile Meter	Profile	Profile	---		Profile Meter	Profile Meter
		Data	Data	Data	Data	Meter Data	Meter Data	PSAL	BPL	Data	Data
	(data rounded to nearest .01%)	RS	RHS	RLM	WH	WHS	HS			GLP	LPL-S
	January	49.17%	48.70%	48.93%	49.17%	49.17%	49.23%	31.40%	31.40%	55.50%	53.73%
	February	48.23%	46.87%	47.87%	48.23%	48.23%	47.67%	29.10%	29.10%	54.77%	53.30%
	March	48.77%	47.80%	48.07%	48.77%	48.77%	49.10%	24.83%	24.83%	54.63%	53.13%
	April	50.40%	50.73%	50.13%	50.40%	50.40%	53.03%	23.00%	23.00%	56.63%	54.90%
	May	48.77%	49.77%	49.93%	48.77%	48.77%	56.77%	20.83%	20.83%	56.07%	54.17%
	June	50.70%	51.50%	52.57%	50.70%	50.70%	60.67%	19.73%	19.73%	57.27%	55.33%
	July	50.97%	51.90%	52.87%	50.97%	50.97%	60.87%	19.80%	19.80%	57.90%	55.27%
	August	52.30%	52.93%	53.57%	52.30%	52.30%	62.17%	21.57%	21.57%	58.33%	55.27%
	September	48.37%	48.97%	49.30%	48.37%	48.37%	58.60%	22.60%	22.60%	55.47%	53.20%
	October	52.23%	52.27%	52.27%	52.23%	52.23%	59.13%	27.73%	27.73%	59.00%	57.13%
	November	47.30%	46.43%	46.63%	47.30%	47.30%	49.23%	30.30%	30.30%	53.63%	51.93%
	December	47.73%	46.60%	47.60%	47.73%	47.73%	48.07%	30.83%	30.83%	52.80%	51.10%

Table #2	% Usage During PSE&G On-Peak Billing Period	Based on average of year 2018, 2019 & 2020 Load Profile Information On-Peak periods as defined in specified rate schedule (average of %s for 2018, 2019 & 2020)								
		Profile Meter								
		N/A	N/A	Data	N/A	N/A	N/A	N/A	N/A	Profile Meter
	(data rounded to nearest .01%)	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	Data
January		0%	0%	43%	0%	0%	0%	0%	0%	47%
February		0%	0%	42%	0%	0%	0%	0%	0%	48%
March		0%	0%	42%	0%	0%	0%	0%	0%	48%
April		0%	0%	42%	0%	0%	0%	0%	0%	47%
May		0%	0%	44%	0%	0%	0%	0%	0%	49%
June		0%	0%	46%	0%	0%	0%	0%	0%	50%
July		0%	0%	48%	0%	0%	0%	0%	0%	49%
August		0%	0%	48%	0%	0%	0%	0%	0%	49%
September		0%	0%	49%	0%	0%	0%	0%	0%	50%
October		0%	0%	46%	0%	0%	0%	0%	0%	50%
November		0%	0%	43%	0%	0%	0%	0%	0%	49%
December		0%	0%	43%	0%	0%	0%	0%	0%	48%

**Public Service Electric and Gas Company Specific Addendum
Attachment 2**

Table #3 Class Usage @ customer

Calendar month sales forecasted for 2022, less % for LPL-Sec > 500 kW Peak Load Share in MWh

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	GLP	< 500 kW LPL-S
January	1,216,461	15,356	16,024	58	1	1,313	15,557	32,676	536,039	406,318
February	985,328	11,761	13,925	57	1	1,176	12,802	29,367	488,422	368,129
March	925,316	9,238	13,405	64	1	914	12,379	27,322	503,122	380,581
April	785,557	4,853	11,144	53	1	614	10,748	26,105	450,984	338,862
May	823,749	3,364	11,490	61	1	301	9,616	21,208	459,594	402,506
June	1,290,025	4,511	18,698	46	1	398	8,470	19,103	497,554	381,083
July	1,730,592	6,291	22,415	36	1	430	9,055	18,825	603,493	415,248
August	1,592,629	5,967	21,296	40	0	502	10,329	19,965	610,020	430,204
September	908,540	4,079	13,967	42	1	362	10,991	21,876	519,714	392,680
October	658,897	5,618	10,465	20	1	431	13,089	26,616	476,897	393,636
November	721,136	8,359	9,527	43	1	522	13,505	27,571	432,735	346,274
December	1,003,987	12,198	12,509	55	1	1,032	15,040	29,607	500,440	395,064
Total	12,642,217	91,596	174,865	575	11	7,995	141,581	300,241	6,079,015	4,650,585

Table #4 Forwards Prices - Energy Only @ bulk system
in \$/MWh, not including PJM losses

	On-Peak	Off/On Pk LMP ratio	Resulting Off-Peak
January	67.20	0.7717	51.855
February	63.00	0.7717	48.614
March	45.20	0.7717	34.879
April	40.80	0.7717	31.484
May	40.90	0.7717	31.561
June	44.35	0.6684	29.642
July	50.80	0.6684	33.953
August	47.55	0.6684	31.781
September	45.45	0.6684	30.377
October	45.05	0.7717	34.763
November	46.60	0.7717	35.959
December	48.90	0.7717	37.734

Table #5 Zone to Western Hub Basis Differential

On-Peak	Off-Peak
90%	94%
90%	94%
90%	94%
90%	94%
90%	94%
89%	89%
89%	89%
89%	89%
90%	94%
90%	94%
90%	94%

NYMEX Forwards (January 5, 2022) from NERA
Congestion Factors & On/Off Peak Ratios
Summer Averages for Aug 2018-July 2021
Winter Averages for Oct 2018-June 2021

Table #6

Losses	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	GLP	LPL-S
<i>from meter to bulk system (includes Delivery & PJM EHV losses)</i>										
Loss Factors =	6.2621%	6.2621%	6.2621%	6.2621%	6.2621%	6.2621%	6.2621%	6.2621%	6.2621%	6.2621%
Expansion Factor =	1.066804	1.066804	1.066804	1.066804	1.066804	1.066804	1.066804	1.066804	1.066804	1.066804
1 / Expansion Factor =	0.937379	0.937379	0.937379	0.937379	0.937379	0.937379	0.937379	0.937379	0.937379	0.937379
<i>from meter to transmission node (includes Delivery less mean hourly PJM marginal losses)</i>										
Loss Factors =	5.1535%	5.1535%	5.1535%	5.1535%	5.1535%	5.1535%	5.1535%	5.1535%	5.1535%	5.1535%
Expansion Factor =	1.054335	1.054335	1.054335	1.054335	1.054335	1.054335	1.054335	1.054335	1.054335	1.054335
1 / Expansion Factor =	0.948465	0.948465	0.948465	0.948465	0.948465	0.948465	0.948465	0.948465	0.948465	0.948465

**Public Service Electric and Gas Company Specific Addendum
Attachment 2**

Table #7 **Summary of Average BGS Energy Only Unit Costs @ customer - PJM Time Periods**
*based on Forwards prices corrected for congestion & all losses - PJM time periods
in \$/MWh*

		RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	GLP	LPL-S
Summer - all hrs	\$	37.76	\$ 37.82	\$ 37.87	\$ 37.20	\$ 37.15	\$ 38.96	\$ 33.05	\$ 33.02	\$ 38.50	\$ 38.05
	PJM on pk \$	44.99	\$ 44.95	\$ 44.86	\$ 44.38	\$ 44.42	\$ 44.70	\$ 44.49	\$ 44.46	\$ 44.76	\$ 44.65
	PJM off pk \$	30.27	\$ 30.24	\$ 30.18	\$ 29.86	\$ 29.88	\$ 30.08	\$ 30.00	\$ 29.98	\$ 30.11	\$ 30.05
Winter - all hrs	\$	44.34	\$ 46.10	\$ 44.15	\$ 43.56	\$ 43.15	\$ 46.25	\$ 41.93	\$ 41.89	\$ 44.10	\$ 43.73
	PJM on pk \$	49.22	\$ 51.25	\$ 48.98	\$ 48.37	\$ 47.87	\$ 50.97	\$ 49.56	\$ 49.56	\$ 48.27	\$ 48.04
	PJM off pk \$	39.66	\$ 41.33	\$ 39.54	\$ 38.97	\$ 38.60	\$ 41.50	\$ 39.00	\$ 38.96	\$ 38.93	\$ 38.73
Annual	\$	41.47	\$ 44.22	\$ 41.41	\$ 41.75	\$ 41.51	\$ 44.71	\$ 39.50	\$ 39.53	\$ 42.05	\$ 41.75
System Total	\$	41.64									

Table #8 **Summary of Average BGS Energy Only Costs @ customer - PJM Time Periods**
*based on Forwards prices corrected for congestion & all losses
in \$1000*

		RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	GLP	LPL-S
Summer - all hrs	\$	208,497	\$ 789	\$ 2,892	\$ 6	\$ 0	\$ 66	\$ 1,284	\$ 2,634	\$ 85,893	\$ 61,607
	PJM on pk \$	126,356	\$ 483	\$ 1,793	\$ 4	\$ 0	\$ 46	\$ 364	\$ 744	\$ 57,222	\$ 39,604
	PJM off pk \$	82,141	\$ 306	\$ 1,099	\$ 2	\$ 0	\$ 20	\$ 920	\$ 1,889	\$ 28,671	\$ 22,002
Winter - all hrs	\$	315,731	\$ 3,262	\$ 4,349	\$ 18	\$ 0	\$ 291	\$ 4,308	\$ 9,235	\$ 169,705	\$ 132,553
	PJM on pk \$	171,604	\$ 1,745	\$ 2,358	\$ 10	\$ 0	\$ 161	\$ 1,413	\$ 3,017	\$ 102,838	\$ 78,172
	PJM off pk \$	144,127	\$ 1,517	\$ 1,991	\$ 8	\$ 0	\$ 130	\$ 2,895	\$ 6,218	\$ 66,868	\$ 54,381
Annual	\$	524,228	\$ 4,050	\$ 7,241	\$ 24	\$ 0	\$ 357	\$ 5,592	\$ 11,868	\$ 255,598	\$ 194,160
System Total	\$	1,003,119									

Table #9 **Summary of Average BGS Energy Only Unit Costs @ customer - PSE&G Time Periods**
*based on Forwards prices corrected for congestion & all losses - PSE&G billing time periods
in \$/MWh*

		RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	GLP	LPL-S
Summer - all hrs	\$	37.76	\$ 37.82	\$ 37.87	\$ 37.20	\$ 37.15	\$ 38.96	\$ 33.05	\$ 33.02	\$ 38.50	\$ 38.05
	PSE&G On pk		\$ 45.57								\$ 45.43
	PSE&G Off pk			\$ 30.82							\$ 30.82
Winter - all hrs	\$	44.34	\$ 46.10	\$ 44.15	\$ 43.56	\$ 43.15	\$ 46.25	\$ 41.93	\$ 41.89	\$ 44.10	\$ 43.73
	PSE&G On pk			\$ 49.65							\$ 48.58
	PSE&G Off pk			\$ 40.04							\$ 39.24
Annual Average	\$	41.47	\$ 44.22	\$ 41.41	\$ 41.75	\$ 41.51	\$ 44.71	\$ 39.50	\$ 39.53	\$ 42.05	\$ 41.75
System Average	\$	41.64									

**Public Service Electric and Gas Company Specific Addendum
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Table #10	Generation & Transmission Obligations and Costs and Other Adjustments										Adj for PLS > 500 kW LPL-S
	<i>Obligations - Peak Load shares eff 6/1/22, scaling factors eff 1/1/22, Transmission Loads eff 1/1/22; costs are market estimates in MW</i>										
	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	GLP		
Gen Obl - MW	5,023.7	20.8	67.0	0.0	0.0	3.2	0.0	0.0	1,830.5		964.5
Trans Obl - MW	4,775.1	20.0	64.5	0.0	0.0	3.0	0.0	0.0	1,685.3		868.2
# of Months and Days used in this analysis		# of summer days = # of winter days =	122 243	# of summer months = # of winter months = total # months =	4 8 12						
Transmission Cost	year round =	\$0.00 per MW-yr									
Generation Capacity cost	summer =	Base Capacity \$ 104.84	\$/MW/day								
	winter =	\$ 104.84	\$/MW/day								
	RS	RHS									
<u>% usage in Summer Blocks</u>											
Block 1 (0-600 kWh/m)	64.6%	66.1%	(based on W/N actuals used in settlement and final rate design of 2018 Rate Case, rounded to .1%)								
Block 2 (>600 kWh/m)	35.4%	33.9%									
Required summer inversion =	0.8652	1.1569	¢/kWh (same as 2003/2004 BGS blocking inversion)								

Table #11	Ancillary Services & Renewable Power Cost	
Ancillary Services	\$	2.00
Renewable Power Cost	\$	16.09
Total Ancillary Services & Renewable Power Costs	\$	18.09 per MWh @ bulk system

Table #12 Summary of Obligation Costs Expressed as \$/MWh @ customer (for non-demand rates only)

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Transmission Obl - all months	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Generation Obl -								
per annual MWh	\$ 15.21	\$ 8.69	\$ 32.61	\$ -	\$ -	\$ 15.32	\$ -	\$ -
recovery per summer MWh	\$ 11.64	\$ 12.76	\$ 23.50	\$ -	\$ -	\$ 24.18	\$ -	\$ -
recovery per winter MWh	\$ 17.97	\$ 7.49	\$ 40.48	\$ -	\$ -	\$ 12.94	\$ -	\$ -
	For RLM, per on-peak kWh only							

**Public Service Electric and Gas Company Specific Addendum
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Table #13 Summary of BGS Unit Costs @ customer

NON-DEMAND RATES

*includes energy, Generation obligations, Ancillary Services and Renewable Power Costs- adjusted to billing time periods
in \$/MWh*

		RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Summer - all hrs		\$ 72.26	\$ 65.81		\$ 56.50	\$ 56.45	\$ 73.57	\$ 52.35	\$ 52.31
	PSE&G On pk			\$ 97.48					
	PSE&G Off pk			\$ 50.12					
	Block 1 (0-600 kWh/m)	\$ 69.20	\$ 61.89						
	Block 2 (>600 kWh/m)	\$ 77.85	\$ 73.46						
Winter - all hrs		\$ 78.85	\$ 74.09		\$ 62.86	\$ 62.45	\$ 80.86	\$ 61.23	\$ 61.18
	PSE&G On pk			\$ 101.56					
	PSE&G Off pk			\$ 59.34					
Annual -all hrs		\$ 75.97	\$ 72.21	\$ 75.37	\$ 61.04	\$ 60.81	\$ 79.32	\$ 58.80	\$ 58.83

DEMAND RATES

*includes energy and Ancillary Services, G&T obligations charged separately - adjusted to billing time periods
in \$/MWh*

		GLP	LPL-S	PLUS:	GLP	LPL-S
Summer - all hrs		\$ 57.80	\$ 57.35	<u>Gen Cost</u>		
	PSE&G On pk		\$ 64.73	summer	\$ 3.1976	\$ 3.1976 per kW of G obl /month
	PSE&G Off pk		\$ 50.12	winter	\$ 3.1845	\$ 3.1845 per kW of G obl /month
				annual	\$ 3.1889	\$ 3.1889 per kW of G obl /month
Winter - all hrs		\$ 63.40	\$ 63.03	<u>Trans cost</u>		
	PSE&G On pk		\$ 67.88	all months	\$ -	\$ - per kW of T obl /month
	PSE&G Off pk		\$ 58.53			
Annual - all hrs per MWh only		\$ 61.34	\$ 61.05			

Including Generation Obligation \$

Summer - all hrs		\$ 68.27	\$ 64.94	Note: Obligation \$ included in On pk costs
	PSE&G On pk		\$ 80.09	
	PSE&G Off pk		\$ 50.12	
Winter - all hrs		\$ 75.53	\$ 71.14	
	PSE&G On pk		\$ 84.76	
	PSE&G Off pk		\$ 58.53	
Annual - including Gen Obl \$		\$ 72.87	\$ 68.98	

ALL RATES

Grand Total Cost in \$1000 =	\$ 1,770,671		
All-In Average cost @ customer =	\$	73.51	per MWh at customer (per customer metered MWh)
All-In Average costs @ transmission nodes =	\$	69.72	per MWh at transmission nodes (per metered MWh at transmission node)

**Public Service Electric and Gas Company Specific Addendum
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Table #14 **Ratio of BGS Unit Costs @ customer to All-In Average Cost @ transmission nodes - rounded to 3 decimal places, unit obligation \$ rounded to 4 decimal places**

NON-DEMAND RATES

includes energy, Generation obligations, Ancillary Services and Renewable Power Costs- adjusted to billing time periods

		RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	
Summer - all hrs					0.810	0.810	1.055	0.751	0.750	
	PSE&G On pk			1.398				Use weighted average for all streetlighting =		
	PSE&G Off pk			0.719						0.750
	All usage Multiplier	1.037	0.944							
	Constant (in \$/MWh) \$	(3.063) \$	(3.922) \$	for Block 1 (0-600 kWh/m) usage						
	Constant (in \$/MWh) \$	5.589 \$	7.647 \$	for Block 2 (>600 kWh/m) usage						
Winter - all hrs		1.131	1.063		0.902	0.896	1.160	0.878	0.878	
	PSE&G On pk			1.457				Use weighted average for all streetlighting =		
	PSE&G Off pk			0.851						0.878
Annual - all hrs		1.090	1.036	1.081	0.876	0.872	1.138	0.843	0.844	

DEMAND RATES

includes energy and Ancillary Services, G&T obligations charged separately - adjusted to billing time periods

		GLP Multiplier	GLP Constant (in \$/MWh)	LPL-S Multiplier	LPL-S Constant (in \$/MWh)	PLUS:	
Summer - all hrs		0.979	(10.467)			<u>Gen Cost</u>	
	PSE&G On pk			1.149	(15.357)	summer \$	3.1976 per kW of G obl /month
	PSE&G Off pk			0.719	-	winter \$	3.1845 per kW of G obl /month
						annual \$	3.1889 per kW of G obl /month
Winter - all hrs		1.083	(12.135)			<u>Trans cost</u>	
	PSE&G On pk			1.216	(16.882)	all months \$	- per kW of T obl /month
	PSE&G Off pk			0.840	-		
Annual - including Gen Obl \$		1.045		0.989			

Assumptions:

Gen Cost = \$ 104.84 /MW day summer
\$ 104.84 /MW day winter

Trans cost = \$ - per MW-yr
Analysis time period = 4 summer months
8 winter months

Ancillary Services & RPS = \$ 18.09 per MWh

Energy Costs = based on Forwards @ PJM West - corrected for congestion

Usage patterns = forecasted 2021 energy use by class, PJM and PSE&G on/off % from 2018, 2019 & 2020 class load profiles

Obligations = class totals in effect as of filing date

Losses = Delivery losses from tariff, PJM losses based on 3 year average %

PJM Time Periods = PJM trading time periods - 7 AM to 11 PM weekdays, local time, x NERC
holidays - New Year's, Memorial, 4th of July, Labor Day, Thanksgiving & Christmas

PSE&G Billing time periods = as per specific rate schedule

NJ SUT (Sales & Use Tax) = SUT excluded from all rates

**Public Service Electric and Gas Company Specific Addendum
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Table #15 Summary of Total BGS Costs by Season

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	GLP	LPL-S
Total Costs by Rate - in \$1000										
Summer	\$ 399,025	\$ 1,372	\$ 5,555	\$ 9	\$ 0	\$ 125	\$ 2,034	\$ 4,173	\$ 152,357	\$ 105,192
Winter	\$ 561,419	\$ 5,242	\$ 7,624	\$ 26	\$ 0	\$ 510	\$ 6,291	\$ 13,489	\$ 290,604	\$ 215,625
Total	\$ 960,443	\$ 6,614	\$ 13,179	\$ 35	\$ 1	\$ 634	\$ 8,324	\$ 17,662	\$ 442,961	\$ 320,817
% of Annual Total \$ by Rate										
Summer	42%	21%	42%	26%	25%	20%	24%	24%	34%	33%
Winter	58%	79%	58%	74%	75%	80%	76%	76%	66%	67%
Total Costs - in \$1000										
Summer	\$ 669,841									
Winter	\$ 1,100,831									
Total	\$ 1,770,671									
% of Annual Total \$										
Summer	38%		\$ 66.25	per MWh @ trans nodes				Ratio to All-In Cost >>>	Summer	1.0000
Winter	62%		\$ 72.01	per MWh @ trans nodes					Winter	1.0000

rounded to 4 decimal places

Table #16 Spreadsheet Error Checking - Reconciliation of Customer Revenue and Supplier Payments, based on above data only

Assumed Winning Bid Price = \$ 69.72 *(bid includes payments for all losses)*
Payment Ratio - Summer = 1.0000
Payment Ratio - Winter = 1.0000

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	GLP	LPL-S
Total Rate Revenue - in \$1000										
Summer	\$ 399,212	\$ 1,372	\$ 5,555	\$ 9	\$ 0	\$ 124	\$ 2,031	\$ 4,171	\$ 152,323	\$ 105,218
Winter	\$ 561,455	\$ 5,243	\$ 7,625	\$ 26	\$ 0	\$ 510	\$ 6,289	\$ 13,496	\$ 290,496	\$ 215,700
Total	\$ 960,667	\$ 6,615	\$ 13,180	\$ 35	\$ 1	\$ 634	\$ 8,320	\$ 17,667	\$ 442,819	\$ 320,918
Total Summer	\$ 670,016									
Total Winter	\$ 1,100,840									
Grand Total	\$ 1,770,855									
Total Supplier Payment - in \$1000										
Summer	\$ 405,886	\$ 1,532	\$ 5,614	\$ 12	\$ 0	\$ 124	\$ 2,855	\$ 5,864	\$ 163,977	\$ 119,023
Winter	\$ 523,397	\$ 5,200	\$ 7,240	\$ 30	\$ 1	\$ 463	\$ 7,552	\$ 16,206	\$ 282,870	\$ 222,825
Total	\$ 929,283	\$ 6,733	\$ 12,854	\$ 42	\$ 1	\$ 588	\$ 10,407	\$ 22,070	\$ 446,846	\$ 341,848
Total Summer	\$ 704,888									
Total Winter	\$ 1,065,784									
Grand Total	\$ 1,770,671									

Difference (in \$1000) = \$ 184

Note: Minor differences in totals are due to rounding of Bid Factors and Payment Factors

Table #17 Total Supplier Energy
in MWh @ transmission nodes

Summer 10,110,525
Winter 15,287,014
Total 25,397,539

Calculation of June 2022 to May 2023 BGS-RSCP Rates

Final

NJ Sales & Use Tax (SUT) excluded

Table A Auction Results

line #	Specific BGS-RSCP Auction >>	remaining portion of 36 month bid - 2020 auction	remaining portion of 36 month bid - 2021 auction	36 month bid - 2022 auction	Notes:
1	Winning Bid - in \$/MWh	\$ 102.16	\$ 64.80	\$ 76.30	Winning Bids
1A	Capacity Proxy Price True-Up - in \$/MWh	\$ (7.30)	\$ (7.30)	\$ -	entered after 2022 Auction
1B	Transmission Price	\$ 37.77	\$ -	\$ -	assumed transmission price in bids
1C	Total - in \$/MWh	\$ 57.09	\$ 57.50	\$ 76.30	= line 1 + line 1A - line 1B
	<i>(includes all payments, including impact of PJM marginal losses)</i>				
2	# of Tranches for Bid	28	29	28	from then current Bid
3	Total # of Tranches	85	85	85	from then current Bid
	Payment Factors				
4	Summer	1.0000	1.0000	1.0000	
5	Winter	1.0000	1.0000	1.0000	
	Applicable Customer Usage @ transmission nodes - in MWh				
6	Summer MWh	10,110,525			from Table #17 of the current Bid Factor Spreadsheet
7	Winter MWh	15,287,014			
	Total Payment to Suppliers - in \$1000				
8	Summer	\$ 190,140	\$ 198,345	\$ 254,119	= ((1C * (2)/(3) * (4) * (6)) / 1000
9	Winter	\$ 287,489	\$ 299,895	\$ 384,226	= ((1C * (2)/(3) * (5) * (7)) / 1000
10	Total	\$ 477,629	\$ 498,240	\$ 638,345	Note: \$ reflect total payment
	Average Payment to Suppliers - in \$/MWh				
11	Summer	\$ 63.558			= sum(line 8) / (6) - rounded to 3 decimal places
12	Winter	\$ 63.558			= sum(line 9) / (7) - rounded to 3 decimal places
13	Total weighted average	\$ 63.558	<<< used in calculation of Customer Rates		= sum(line 10) / [(6) + (7)] rounded to 3 decimal places
	Reconciliation of amounts - in \$1000				
14	Weighted Average * Total MWh =	\$ 1,614,217			= (13) * [(6)+(7)] / 1000
15	Total Payment to Suppliers =	\$ 1,614,214			= sum (line 10)
16	Difference =	\$ 3			= line (14) - line (15)

Calculation of June 2022 to May 2023 BGS-RSCP Rates

Final

NJ Sales & Use Tax (SUT) excluded

Table B Ratio of BGS Unit Costs @ customer to All-In Average Cost @ transmission nodes

from Table #14 of the bid factor spreadsheet ---

rounded to 3 decimal places, unit obligation \$ rounded to 4 decimal places

NON-DEMAND RATES

includes energy, G&T obligations, and Ancillary Services - adjusted to billing time periods

		RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	
Summer - all hrs					0.810	0.810	1.055	0.751	0.750	
	PSE&G On pk			1.398				Use weighted average		
	PSE&G Off pk			0.719				for all streetlighting =	0.750	
	All usage Multiplier	1.037	0.944							
	Constant (in \$/MWh) \$	(3.063)	\$ (3.922)	for Block 1 (0-600 kWh/m) usage						
	Constant (in \$/MWh) \$	5.589	\$ 7.647	for Block 2 (>600 kWh/m) usage						
Winter - all hrs		1.131	1.063		0.902	0.896	1.160	0.878	0.878	
	PSE&G On pk			1.457				Use weighted average		
	PSE&G Off pk			0.851				for all streetlighting =	0.878	
Annual - all hrs		1.090	1.036	1.081	0.876	0.872	1.138	0.843	0.844	

DEMAND RATES

51.76

includes energy and Ancillary Services, G&T obligations charged separately - adjusted to billing time periods

		GLP	GLP	LPL-S	LPL-S	PLUS:	GLP	LPL-S	
		Multiplier	Constant (in \$/MWh)	Multiplier	Constant (in \$/MWh)				
Summer - all hrs		0.979	(10.467)			<u>Gen Cost</u>			
	PSE&G On pk			1.149	(15.357)	summer \$	3.1889	\$	3.1889 per kW of G obl /month
	PSE&G Off pk			0.719	-	winter \$	3.1889	\$	3.1889 per kW of G obl /month
Winter - all hrs		1.083	(12.135)			<u>Trans cost</u>			
	PSE&G On pk			1.216	(16.882)	all months \$	-	\$	- per kW of T obl /month
	PSE&G Off pk			0.840	-				
Annual - including T&G Obl \$		1.045		0.989					

Calculation of June 2022 to May 2023 BGS-RSCP Rates

Final

NJ Sales & Use Tax (SUT) excluded

Table C Preliminary Resulting BGS Rates (in cents per kWh) - equal to bid factors times weighted average bid price rounded to 4 decimal places

NON-DEMAND RATES

includes energy, G&T obligations, and Ancillary Services - adjusted to billing time periods

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Summer - all hrs				5.1482	5.1482	6.7054	4.7669	4.7669
PSE&G On pk			8.8854					
PSE&G Off pk			4.5698					
for Block 1 (0-600 kWh/m) usage	6.2847	5.6077						
for Block 2 (>600 kWh/m) usage	7.1499	6.7646						
Winter - all hrs	7.1884	6.7562		5.7329	5.6948	7.3727	5.5804	5.5804
PSE&G On pk			9.2604					
PSE&G Off pk			5.4088					

DEMAND RATES

includes energy and Ancillary Services, G&T obligations charged separately - adjusted to billing time periods

	GLP	LPL-S	PLUS:	GLP	LPL-S
Summer - all hrs	5.1756		<u>Gen Cost</u>		
PSE&G On pk		5.7671	summer \$	3.1889	\$ 3.1889 per kW of G obl /month
PSE&G Off pk		4.5698	winter \$	3.1889	\$ 3.1889 per kW of G obl /month
Winter - all hrs	5.6698		<u>Trans cost</u>		
PSE&G On pk		6.0405	all months \$	-	\$ - per kW of T obl /month
PSE&G Off pk		5.3389			

Public Service Electric and Gas Company Specific Addendum
Attachment 3

Calculation of June 2022 to May 2023 BGS-RSCP Rates

Final

NJ Sales & Use Tax (SUT) excluded

Table D Revenue Recovery Calculations -Reconciliation of seasonal Customer Revenue and Supplier Payments, based on actual anticipated revenues and payments

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Total Preliminary Rate Revenue - in \$1000								
Summer	\$ 363,940	\$ 1,251	\$ 5,064	\$ 8	\$ 0	\$ 113	\$ 1,852	\$ 3,803
Winter	\$ 511,845	\$ 4,780	\$ 6,951	\$ 24	\$ 0	\$ 465	\$ 5,733	\$ 12,303
Total	\$ 875,785	\$ 6,031	\$ 12,015	\$ 32	\$ 1	\$ 578	\$ 7,585	\$ 16,106
	GLP Energy \$	GLP Obligation \$		LPL-S Energy \$	LPL-S Obligation \$			
Summer	\$ 115,456	\$ 23,349		\$ 83,587	\$ 12,303			
Winter	\$ 218,187	\$ 46,698		\$ 172,068	\$ 24,606			
Total	\$ 333,643	\$ 70,047		\$ 255,655	\$ 36,908			
	Energy \$	Obligation \$	Total \$					
Total Summer	\$ 575,074	\$ 35,652	\$ 610,726					
Total Winter	\$ 932,356	\$ 71,304	\$ 1,003,660					
Grand Total	\$ 1,507,430	\$ 106,956	\$ 1,614,386					
Total Supplier Payment - in \$1000								
Summer	\$ 642,604							
Winter	\$ 971,610							
Total	\$ 1,614,214							
Differences - in \$1000								
Summer	\$ 31,877							
Winter	\$ (32,049)							
Total	\$ (172)							

kWh Rate
Adjustment *rounded to 5 decimal places*
Factors
1.05543
0.96563

Note: These differences are due to rounding and seasonal differences in Bidder Payments (which are based on prior winning bids and Seasonal Payment Factors) and current Rates (based on current seasonal market differentials)

Calculation of June 2022 to May 2023 BGS-RSCP Rates

Final

NJ Sales & Use Tax (SUT) excluded

Table E Final Resulting BGS Rates from Auctions (in cents per kWh) -with preliminary kWh rates adjusted by the kWh Rate Adjustment Factor rounded to 4 decimal places

NON-DEMAND RATES

includes energy, G&T obligations, and Ancillary Services - adjusted to billing time periods & adjustment to energy price

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Summer - all hrs				5.4336	5.4336	7.0771	5.0311	5.0311
PSE&G On pk			9.3779					
PSE&G Off pk			4.8231					
for Block 1 (0-600 kWh/m) usage	6.6331	5.9185						
for Block 2 (>600 kWh/m) usage	7.5462	7.1396						
Winter - all hrs	6.9413	6.5240		5.5359	5.4991	7.1193	5.3886	5.3886
PSE&G On pk			8.9421					
PSE&G Off pk			5.2229					

DEMAND RATES

includes energy and Ancillary Services, G&T obligations charged separately - adjusted to billing time periods & adjustment to energy price

	GLP	LPL-S	PLUS:	GLP	LPL-S
Summer - all hrs	5.4625		<u>Gen Cost</u>		
PSE&G On pk		6.0868	summer	\$3.1889	\$3.1889
PSE&G Off pk		4.8231	winter	\$3.1889	\$3.1889
Winter - all hrs	5.4749		<u>Trans cost</u>		
PSE&G On pk		5.8329	all months	\$0.0000	\$0.0000
PSE&G Off pk		5.1554			

Calculation of June 2022 to May 2023 BGS-RSCP Rates

Final

NJ Sales & Use Tax (SUT) excluded

Table F Spreadsheet Error Checking - Checking of seasonal Customer Revenue and Supplier Payments, based on final actual anticipated revenues and payments

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	GLP	LPL-S
Total Rate Revenue - in \$1000										
Summer	\$ 384,114	\$ 1,320	\$ 5,345	\$ 9	\$ 0	\$ 120	\$ 1,954	\$ 4,013	\$ 145,206	\$ 100,523
Winter	\$ 494,250	\$ 4,616	\$ 6,712	\$ 23	\$ 0	\$ 449	\$ 5,536	\$ 11,880	\$ 257,385	\$ 190,759
Total	\$ 878,365	\$ 5,936	\$ 12,057	\$ 32	\$ 1	\$ 568	\$ 7,490	\$ 15,894	\$ 402,591	\$ 291,283
Total Summer	\$ 642,604									
Total Winter	\$ 971,611									
Grand Total	\$ 1,614,215									
Total Supplier Payment - in \$1000										
Summer	\$ 642,604									
Winter	\$ 971,610									
Total	\$ 1,614,214									
Differences - in \$1000			<u>% difference</u>							
Summer	\$ 1		0.0001%							
Winter	\$ 1		0.0001%							
Total	\$ 1		0.0001%							

**Public Service Electric and Gas Company Specific Addendum
Attachment 4-1**

**Development of Capacity Proxy Price True-Up - \$/MWh
2022/2023 Delivery Year - Final**

	2022/23 Delivery Year	<i>Notes:</i>
1 Zonal Capacity Price (\$/MW-day)	\$97.93	Final Zonal Net Load Price
2 Capacity Proxy Price (\$/MW-day)	<u>\$162.13</u>	per Board Orders dated 11/13/2019 and 11/18/2020
3 Capacity Proxy Price True-Up - \$/MW-day	-\$64.20	= line 1 - line 2
4 BGS-RSCP Gen Obl - MW	7,909.7	
5 Days in Year	<u>365</u>	
6 Capacity Proxy Price True-Up Annual Cost	<u>-\$185,348,000</u>	= line 3 * line 4 * line 5
7 Eligible Tranches	57	from Table A
8 Total Tranches	<u>85</u>	from Table A
9 % of tranches eligible for payment	<u>67.06%</u>	= line 7 / line 8
10 Capacity Proxy Price True-Up Cost	-\$124,292,188	= line 6 * line 9
11 Total Applicable Customer Usage @ bulk system - in MWh	25,397,539	
12 Eligible Customer Usage @ bulk system - <i>in MWh</i>	<u>17,031,291</u>	= line 9 * line 11
13 Capacity Proxy Price True-Up - \$/MWh	<u><u>-\$7.30</u></u>	= line 10/ line 12 - rounded to 2 decimal places

2022/2023 Final Zonal Scaling Factors, UCAP Obligations, Zonal Capacity Prices, & Zonal CTR Credit Rates

Final Forecast Pool Requirement =		1.0906			
Zone	Final Zonal RPM Scaling Factor	Final Zonal UCAP Obligation, MW	Final Zonal Capacity Price (\$/MW-day)	Final Zonal CTR Credit Rate (\$/MW-UCAP Obligation-day)	Final Zonal Net Load Price (\$/MW-day)
AE	1.08230	2,868.3	\$98.19	\$0.27	\$97.93
AEP	1.10811	13,132.8	\$50.05	\$0.00	\$50.05
APS	1.09557	10,084.4	\$50.05	\$0.00	\$50.05
ATSI	1.09906	14,215.8	\$50.05	\$0.00	\$50.05
BGE	1.10651	7,457.7	\$125.12	\$16.90	\$108.22
COMED	1.08750	24,064.5	\$67.40	\$1.17	\$66.23
DAYTON	1.09500	3,761.8	\$50.05	\$0.00	\$50.05
DEOK	1.10685	5,090.6	\$72.58	\$12.84	\$59.75
DLCO	1.08891	3,158.9	\$50.05	\$0.00	\$50.05
DOM	1.12168	3,522.1	\$50.05	\$0.00	\$50.05
DPL	1.09587	4,493.8	\$98.19	\$0.27	\$97.93
EKPC	1.11879	2,791.2	\$50.05	\$0.00	\$50.05
JCPL	1.08789	6,762.8	\$98.19	\$0.27	\$97.93
METED	1.08156	3,408.9	\$96.61	\$0.00	\$96.61
OVEC	1.09674	83.7	\$50.05	\$0.00	\$50.05
PECO	1.09418	9,713.6	\$98.19	\$0.27	\$97.93
PENLC	1.07189	3,249.8	\$96.61	\$0.00	\$96.61
PEPCO	1.09560	6,870.5	\$96.15	\$0.00	\$96.15
PL	1.08962	8,413.4	\$96.61	\$0.00	\$96.61
PS	1.09781	11,098.7	\$98.19	\$0.27	\$97.93
RECO	1.08809	450.9	\$98.19	\$0.27	\$97.93
		144,694.3			