



VIA ELECTRONIC MAIL & OVERNIGHT MAIL

February 12, 2020

In the Matter of the Provision of
Basic Generation Service for
the Period Beginning June 1, 2020

Docket No. ER19040428

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 (Public Service, the Company) please find an original and ten copies of the Company's compliance filing provided in accordance with the Board of Public Utilities (Board) Order dated February 5, 2020.

At the Board's meeting on February 5, 2020, 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 1, 2020.

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

The attached pro-forma tariff sheets, with exceptions discussed below, are effective June 1, 2020. 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 Sixth Revised Sheet No. 83 were approved by the Board on October 29, 2018 in Docket Nos. ER18010029, GR18010030, AX18010001 and ER18030231 and on January 22, 2020 in Docket Nos. ER19121509 and ER19121540, 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.

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

Very truly yours,

A handwritten signature in blue ink that reads "Matthew Weissman".

Matthew M. Weissman

Attachments

C Electronic Service List

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 ER18030231

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

XXX Revised Sheet No. 75

B.P.U.N.J. No. 16 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 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>	
	Charges	Charges Including SUT	Charges	Charges Including SUT
RS – first 600 kWh	\$0.126003	\$0.134351	\$0.124164	\$0.132390
RS – in excess of 600 kWh	0.126003	0.134351	0.133120	0.141939
RHS – first 600 kWh	0.093295	0.099476	0.087711	0.093522
RHS – in excess of 600 kWh	0.093295	0.099476	0.099687	0.106291
RLM On-Peak	0.219460	0.233999	0.228240	0.243361
RLM Off-Peak	0.059863	0.063829	0.054969	0.058611
WH	0.049048	0.052297	0.046716	0.049811
WHS	0.049903	0.053209	0.046816	0.049918
HS	0.117067	0.124823	0.117377	0.125153
BPL	0.047907	0.051081	0.043293	0.046161
BPL-POF	0.047907	0.051081	0.043293	0.046161
PSAL	0.047907	0.051081	0.043293	0.046161

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:

Effective: June 1, 2020

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 5, 2020
in Docket No. ER19040428

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

XXX Revised Sheet No. 76

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

**Superseding
XXX Revised Sheet No. 76**

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

BGS ENERGY CHARGES:

Applicable to Rate Schedules GLP and LPL-Sec.

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>	
	<u>Charges</u>	<u>Charges Including SUT</u>	<u>Charges</u>	<u>Charges Including SUT</u>
GLP	\$ 0.049686	\$ 0.052978	\$ 0.047808	\$ 0.050975
GLP Night Use	0.046292	0.049359	0.041682	0.044443
LPL-Sec. under 500 kW				
On-Peak	0.052928	0.056434	0.052974	0.056484
Off-Peak	0.046292	0.049359	0.041682	0.044443

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, 2020

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 5, 2020
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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\$ 5.2965

Charge including New Jersey Sales and Use Tax (SUT)\$ 5.6474

Charge applicable in the months of October through May\$ 5.2965

Charge including New Jersey Sales and Use Tax (SUT)\$ 5.6474

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 \$138,497.08 per MW per year

EL05-121 \$ 80.67 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 \$ 58.78 per MW per month

Virginia Electric and Power Company \$ 83.11 per MW per month

Potomac-Appalachian Transmission Highline L.L.C. (\$ 0.65) per MW per month

PPL Electric Utilities Corporation \$ 226.26 per MW per month

American Electric Power Service Corporation \$ 12.61 per MW per month

Atlantic City Electric Company. \$ 8.86 per MW per month

Delmarva Power and Light Company \$ 0.15 per MW per month

Potomac Electric Power Company \$ 3.14 per MW per month

Baltimore Gas and Electric Company \$ 3.52 per MW per month

Jersey Central Power and Light \$ 69.19 per MW per month

Mid Atlantic Interstate Transmission \$ 21.83 per MW per month

PECO Energy Company \$ 22.32 per MW per month

Above rates converted to a charge per kW of Transmission

Obligation, applicable in all months \$ 12.1312

Charge including New Jersey Sales and Use Tax (SUT) \$ 12.9349

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, 2020

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 5, 2020
in Docket No. ER19040428

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

XXX Revised Sheet No. 82

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

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 0.59923%), 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 0.59923%), and adjusted for SUT, plus

BGS CAPACITY CHARGES:

Charges per kilowatt of Generation Obligation:

Charge applicable in the months of June through September	\$ 10.9569
Charge including New Jersey Sales and Use Tax (SUT)	\$ 11.6828
Charges applicable in the months of October through May	\$ 10.9569
Charges including New Jersey Sales and Use Tax (SUT).....	\$ 11.6828

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, 2020

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 5, 2020
in Docket No. ER19040428

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

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

Sixth Revised Sheet No. 83

**Superseding
Fifth 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	\$138,497.08 per MW per year
EL05-121	\$ 80.67 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	\$ 58.78 per MW per month
Virginia Electric and Power Company	\$ 83.11 per MW per month
Potomac-Appalachian Transmission Highline L.L.C.	(\$ 0.65) per MW per month
PPL Electric Utilities Corporation.....	\$ 226.26 per MW per month
American Electric Power Service Corporation	\$ 12.61 per MW per month
Atlantic City Electric Company.	\$ 8.86 per MW per month
Delmarva Power and Light Company	\$ 0.15 per MW per month
Potomac Electric Power Company	\$ 3.14 per MW per month
Baltimore Gas and Electric Company.....	\$ 3.52 per MW per month
Jersey Central Power and Light	\$ 69.19 per MW per month
Mid Atlantic Interstate Transmission.....	\$ 21.83 per MW per month
PECO Energy Company.....	\$ 22.32 per MW per month

Above rates converted to a charge per kW of Transmission Obligation, applicable in all months	\$ 12.1312
Charge including New Jersey Sales and Use Tax (SUT)	\$ 12.9349

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: January 27, 2020

Effective: February 1, 2020

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 January 22, 2020
in Docket Nos. ER19121509 and ER19121540

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

**Development of BGS-RSCP Cost and Bid Factors for 2020/2021 BGS Filing
Adjusted to Billing Time Periods**

Table #1 % Usage During PJM On-Peak Period

*Based on average of year 2016,2017 & 2018 Load Profile Information
On-Peak periods defined as the 16 hr PJM Trading period, adj for NERC holidays*

	<i>Profile Meter</i>	<i>Profile Meter</i>	<i>Profile Meter</i>	<i>Profile Meter</i>	<i>Profile</i>	<i>Profile</i>	<i>--- Other Analysis ---</i>		<i>Profile Meter</i>	<i>Profile Meter Data</i>
	<i>Data</i>	<i>Data</i>	<i>Data</i>	<i>Data</i>	<i>Meter Data</i>	<i>Meter Data</i>	<i>PSAL</i>	<i>BPL</i>	<i>GLP</i>	<i>LPL-S</i>
<i>(data rounded to nearest .01%)</i>	RS	RHS	RLM	WH	WHS	HS				
January	46.87%	46.70%	47.87%	46.87%	46.87%	45.80%	30.00%	30.00%	54.60%	52.43%
February	49.87%	49.07%	50.67%	49.87%	49.87%	47.80%	29.73%	29.73%	56.97%	55.03%
March	50.43%	49.57%	51.40%	50.43%	50.43%	48.63%	26.40%	26.40%	58.00%	56.00%
April	47.63%	48.13%	49.03%	47.63%	47.63%	49.27%	21.90%	21.90%	56.60%	54.33%
May	49.77%	50.87%	51.73%	49.77%	49.77%	58.57%	21.20%	21.20%	58.90%	56.43%
June	52.30%	53.00%	54.37%	52.30%	52.30%	62.83%	20.37%	20.37%	60.50%	57.70%
July	48.83%	49.73%	50.73%	48.83%	48.83%	58.33%	18.30%	18.30%	56.20%	52.87%
August	54.43%	55.37%	56.37%	54.43%	54.43%	63.93%	22.53%	22.53%	61.80%	58.00%
September	48.70%	49.63%	50.47%	48.70%	48.70%	59.50%	22.67%	22.67%	57.07%	54.17%
October	49.93%	51.77%	51.83%	49.93%	49.93%	57.17%	26.93%	26.93%	58.80%	56.47%
November	48.20%	48.27%	50.17%	48.20%	48.20%	48.90%	31.00%	31.00%	56.47%	54.20%
December	45.47%	45.23%	46.83%	45.47%	45.47%	45.43%	29.87%	29.87%	52.63%	50.33%

Table #2 % Usage During PSE&G On-Peak Billing Period

*Based on average of year 2016,2017 & 2018 Load Profile Information
On-Peak periods as defined in specified rate schedule (average of %s for 2016, 2017 & 2018)*

	<i>N/A</i>	<i>N/A</i>	<i>Data</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>	<i>Profile Meter Data</i>
	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	GLP	LPL-S
<i>(data rounded to nearest .01%)</i>										
January	0%	0%	43%	0%	0%	0%	0%	0%	0%	48%
February	0%	0%	42%	0%	0%	0%	0%	0%	0%	48%
March	0%	0%	42%	0%	0%	0%	0%	0%	0%	48%
April	0%	0%	42%	0%	0%	0%	0%	0%	0%	49%
May	0%	0%	44%	0%	0%	0%	0%	0%	0%	50%
June	0%	0%	46%	0%	0%	0%	0%	0%	0%	51%
July	0%	0%	49%	0%	0%	0%	0%	0%	0%	51%
August	0%	0%	49%	0%	0%	0%	0%	0%	0%	50%
September	0%	0%	49%	0%	0%	0%	0%	0%	0%	51%
October	0%	0%	46%	0%	0%	0%	0%	0%	0%	51%
November	0%	0%	44%	0%	0%	0%	0%	0%	0%	50%
December	0%	0%	43%	0%	0%	0%	0%	0%	0%	49%

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

Table #3 Class Usage @ customer

Calendar month sales forecasted for 2020, 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	1,081,758	16,281	14,609	77	2	1,987	15,657	32,646	551,272	409,109
February	926,770	13,814	12,567	71	2	1,702	13,467	27,223	520,226	382,549
March	857,392	10,810	11,989	78	1	1,334	12,961	27,598	530,697	393,439
April	713,095	6,832	10,157	66	2	901	10,692	23,860	464,119	342,157
May	813,401	4,749	13,047	78	1	405	10,116	22,188	490,162	391,404
June	1,196,743	5,677	19,707	56	1	604	8,906	19,116	539,921	408,306
July	1,558,281	6,018	25,396	43	1	623	9,387	16,613	611,191	432,747
August	1,459,451	6,014	23,262	49	1	673	10,539	19,843	618,381	456,619
September	1,001,261	4,733	16,059	42	1	459	12,185	20,878	534,710	378,234
October	762,395	5,904	10,440	84	1	629	13,604	28,116	502,657	392,331
November	787,720	7,732	9,915	59	1	732	14,748	28,564	458,718	363,570
December	997,805	11,830	12,995	63	2	1,361	15,642	32,311	518,063	384,480
Total	12,156,072	100,394	180,144	766	16	11,411	147,904	298,956	6,340,118	4,734,944

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	42.05	0.7876	33.119
February	39.75	0.7876	31.307
March	32.10	0.7876	25.282
April	29.05	0.7876	22.880
May	29.05	0.7876	22.880
June	28.25	0.6684	18.882
July	32.90	0.6684	21.990
August	30.75	0.6684	20.553
September	30.45	0.6684	20.353
October	28.35	0.7876	22.328
November	28.80	0.7876	22.683
December	31.55	0.7876	24.849

Table #5 Zone to Western Hub Basis Differential

	On-Peak	Off-Peak
January	97%	98% <i>NYMEX Forwards (January 10, 2020) from NERA</i>
February	97%	98%
March	97%	98% <i>Congestion Factors & On/Off Peak Ratios</i>
April	97%	98% <i>Summer Averages for Aug 2016-Jul 2019</i>
May	97%	98% <i>Winter Averages for Oct 2016-May 2019</i>
June	94%	90%
July	94%	90%
August	94%	90%
September	97%	98%
October	97%	98%
November	97%	98%
December	97%	98%

Table #6 Losses

from meter to bulk system (includes Delivery & PJM EHV losses)

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	GLP	LPL-S
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

from meter to transmission node (includes Delivery less mean hourly PJM marginal losses)

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	GLP	LPL-S
Loss Factors =	5.2650%	5.2650%	5.2650%	5.2650%	5.2650%	5.2650%	5.2650%	5.2650%	5.2650%	5.2650%
Expansion Factor =	1.055576	1.055576	1.055576	1.055576	1.055576	1.055576	1.055576	1.055576	1.055576	1.055576
1 / Expansion Factor =	0.947350	0.947350	0.947350	0.947350	0.947350	0.947350	0.947350	0.947350	0.947350	0.947350

**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	\$	25.42	\$ 25.41	\$ 25.62	\$ 25.16	\$ 25.26	\$ 26.42	\$ 21.98	\$ 21.90	\$ 26.19	\$ 25.81
	PJM on pk	\$ 30.81	\$ 30.68	\$ 30.80	\$ 30.48	\$ 30.64	\$ 30.66	\$ 30.64	\$ 30.55	\$ 30.71	\$ 30.67
	PJM off pk	\$ 19.77	\$ 19.68	\$ 19.77	\$ 19.55	\$ 19.65	\$ 19.69	\$ 19.65	\$ 19.59	\$ 19.72	\$ 19.69
Winter - all hrs	\$	30.67	\$ 31.81	\$ 30.70	\$ 30.25	\$ 31.08	\$ 32.08	\$ 29.04	\$ 29.01	\$ 30.93	\$ 30.69
	PJM on pk	\$ 34.26	\$ 35.51	\$ 34.14	\$ 33.77	\$ 34.75	\$ 35.65	\$ 34.35	\$ 34.34	\$ 33.88	\$ 33.79
	PJM off pk	\$ 27.31	\$ 28.37	\$ 27.28	\$ 26.92	\$ 27.67	\$ 28.72	\$ 27.01	\$ 26.99	\$ 27.09	\$ 27.00
Annual	\$	28.42	\$ 30.38	\$ 28.32	\$ 28.99	\$ 29.62	\$ 30.91	\$ 27.08	\$ 27.19	\$ 29.21	\$ 28.96
System Total	\$	28.72									

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	\$	132,565	\$ 570	\$ 2,163	\$ 5	\$ 0	\$ 62	\$ 901	\$ 1,674	\$ 60,354	\$ 43,254
	PJM on pk	\$ 82,220	\$ 358	\$ 1,380	\$ 3	\$ 0	\$ 44	\$ 266	\$ 493	\$ 41,688	\$ 28,645
	PJM off pk	\$ 50,345	\$ 212	\$ 783	\$ 2	\$ 0	\$ 18	\$ 636	\$ 1,181	\$ 18,666	\$ 14,609
Winter - all hrs	\$	212,879	\$ 2,480	\$ 2,938	\$ 17	\$ 0	\$ 290	\$ 3,104	\$ 6,455	\$ 124,846	\$ 93,887
	PJM on pk	\$ 115,110	\$ 1,335	\$ 1,629	\$ 9	\$ 0	\$ 157	\$ 1,014	\$ 2,101	\$ 77,380	\$ 56,229
	PJM off pk	\$ 97,769	\$ 1,145	\$ 1,309	\$ 8	\$ 0	\$ 134	\$ 2,090	\$ 4,354	\$ 47,466	\$ 37,658
Annual	\$	345,444	\$ 3,050	\$ 5,102	\$ 22	\$ 0	\$ 353	\$ 4,005	\$ 8,129	\$ 185,200	\$ 137,142
System Total	\$	688,448									

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	\$	25.42	\$ 25.41	\$ 25.62	\$ 25.16	\$ 25.26	\$ 26.42	\$ 21.98	\$ 21.90	\$ 26.19	\$ 25.81
	PSE&G On pk			\$ 31.38							\$ 31.23
	PSE&G Off pk			\$ 20.30							\$ 20.27
Winter - all hrs	\$	30.67	\$ 31.81	\$ 30.70	\$ 30.25	\$ 31.08	\$ 32.08	\$ 29.04	\$ 29.01	\$ 30.93	\$ 30.69
	PSE&G On pk			\$ 34.67							\$ 34.16
	PSE&G Off pk			\$ 27.68							\$ 27.36
Annual Average	\$	28.42	\$ 30.38	\$ 28.32	\$ 28.99	\$ 29.62	\$ 30.91	\$ 27.08	\$ 27.19	\$ 29.21	\$ 28.96
System Average	\$	28.72									

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

Table #10 Generation & Transmission Obligations and Costs and Other Adjustments
Obligations - Peak Load shares eff 1/1/20, scaling factors eff 1/1/20, Transmission Loads eff 1/1/20; costs are market estimates in MW in MW

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	GLP	Adj for PLS > 500 kW LPL-S
Gen Obl - MW	4,746.8	22.0	76.3	0.0	0.0	4.1	0.0	0.0	2,019.6	1,046.7
Trans Obl - MW	4,409.3	20.0	69.4	0.0	0.0	3.3	0.0	0.0	1,573.0	826.0
# of Months and Days used in this analysis		# of summer days = # of winter days =	122 243	# of summer months = # of winter months =	4 8					
Transmission Cost	year round =	\$114,641.03 per MW-yr								
Generation Capacity cost	summer =	Base Capacity \$ 174.13	Total Capacity \$ 174.13	\$/MW/day						
	winter =	\$ 174.13	\$ 174.13	\$/MW/day						
<u>% usage in Summer Blocks</u>	RS	RHS								
Block 1 (0-600 kWh/m)	64.6%	66.1%	<i>(based on W/N actuals used in settlement and final rate design of 2018 Rate Case, rounded to .1%)</i>							
Block 2 (>600 kWh/m)	35.4%	33.9%								
Required summer inversion =	0.8652	1.1569	¢/kWh <i>(same as 2003/2004 BGS blocking inversion)</i>							

Table #11 Ancillary Services & Renewable Power Cost

Ancillary Services	\$ 2.00
Renewable Power Cost	\$ 16.72
Total Ancillary Services & Renewable Power Costs	\$ 18.72 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	\$ 41.58	\$ 22.84	\$ 97.15	\$ -	\$ -	\$ 33.15	\$ -	\$ -
Generation Obl -								
per annual MWh	\$ 24.82	\$ 13.93	\$ 59.22	\$ -	\$ -	\$ 22.84	\$ -	\$ -
recovery per summer MWh	\$ 19.33	\$ 20.82	\$ 39.96	\$ -	\$ -	\$ 36.93	\$ -	\$ -
recovery per winter MWh	\$ 28.94	\$ 11.94	\$ 78.11	\$ -	\$ -	\$ 19.17	\$ -	\$ -
			For RLM, per on-peak kWh only					

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

Table #13 Summary of BGS Unit Costs @ customer

NON-DEMAND RATES

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

		RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Summer - all hrs	\$	111.79	\$ 82.14		\$ 45.13	\$ 45.23	\$ 102.38	\$ 41.95	\$ 41.87
	PSE&G On pk			\$ 207.72					
	PSE&G Off pk			\$ 40.27					
	Block 1 (0-600 kWh/m)	\$ 108.73	\$ 78.22						
	Block 2 (>600 kWh/m)	\$ 117.38	\$ 89.79						
Winter - all hrs	\$	117.04	\$ 88.55		\$ 50.22	\$ 51.05	\$ 108.04	\$ 49.01	\$ 48.98
	PSE&G On pk			\$ 211.00					
	PSE&G Off pk			\$ 47.65					
Annual -all hrs	\$	114.79	\$ 87.12	\$ 119.38	\$ 48.96	\$ 49.60	\$ 106.87	\$ 47.05	\$ 47.16

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	\$	46.16	\$ 45.78		<u>Gen Cost</u>		
	PSE&G On pk		\$ 51.20		summer	\$ 5.3110	\$ 5.3110 per kW of G obl /month
	PSE&G Off pk		\$ 40.25		winter	\$ 5.2892	\$ 5.2892 per kW of G obl /month
					annual	\$ 5.2965	\$ 5.2965 per kW of G obl /month
Winter - all hrs	\$	50.90	\$ 50.66		<u>Trans cost</u>		
	PSE&G On pk		\$ 54.13		all months	\$ 9.5534	\$ 9.5534 per kW of T obl /month
	PSE&G Off pk		\$ 47.33				
Annual - all hrs per MWh only	\$	49.18	\$ 48.93				

Including T&G Obligation \$

Summer - all hrs	\$	90.82	\$ 77.85	Note: Obligation \$ included in On pk costs
	PSE&G On pk		\$ 114.70	
	PSE&G Off pk		\$ 40.25	
Winter - all hrs	\$	101.90	\$ 85.80	
	PSE&G On pk		\$ 125.83	
	PSE&G Off pk		\$ 47.33	
Annual - including T&G Obl \$	\$	97.87	\$ 82.98	

ALL RATES

Grand Total Cost in \$1000 = \$ 2,461,383
 All-In Average cost @ customer = \$ 102.68 per MWh at customer (per customer metered MWh)
 All-In Average costs @ transmission nodes = \$ 97.28 per MWh at transmission nodes (per metered MWh at transmission node)

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

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

		RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	
Summer - all hrs					0.464	0.465	1.052	0.431	0.430	
	PSE&G On pk			2.135				Use weighted average		
	PSE&G Off pk			0.414				for all streetlighting =		0.430
	All usage Multiplier	1.149	0.844							
	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		1.203	0.910		0.516	0.525	1.111	0.504	0.504	
	PSE&G On pk			2.169				Use weighted average		
	PSE&G Off pk			0.490				for all streetlighting =		0.504
Annual - all hrs		1.180	0.896	1.227	0.503	0.510	1.099	0.484	0.485	

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		0.934	(44.656)				
	PSE&G On pk			1.179	(63.494)	<u>Gen Cost</u>	
	PSE&G Off pk			0.414	-	summer \$	5.3110 \$ 5.3110 per kW of G obl /month
						winter \$	5.2892 \$ 5.2892 per kW of G obl /month
						annual \$	5.2965 \$ 5.2965 per kW of G obl /month
Winter - all hrs		1.047	(50.991)				
	PSE&G On pk			1.294	(71.697)	<u>Trans cost</u>	
	PSE&G Off pk			0.487	-	all months \$	9.5534 \$ 9.5534 per kW of T obl /month
Annual - including T&G Obl \$		1.006		0.853			

Assumptions:

Gen Cost = \$ 174.13 /MW day summer
 \$ 174.13 /MW day winter

Trans cost = \$ 114,641.03 per MW-yr
 Analysis time period = 4 summer months
 8 winter months

Ancillary Services & RPS = \$ 18.72 per MWh
 Energy Costs = based on Forwards @ PJM West - corrected for congestion
 Usage patterns = forecasted 2019 energy use by class, PJM and PSE&G on/off % from 2016, 2017 & 2018 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
Attachment 2**

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	\$ 583,059	\$ 1,844	\$ 10,191	\$ 9	\$ 0	\$ 241	\$ 1,721	\$ 3,201	\$ 209,385	\$ 130,524
Winter	\$ 812,330	\$ 6,902	\$ 11,313	\$ 29	\$ 1	\$ 978	\$ 5,239	\$ 10,898	\$ 411,123	\$ 262,397
Total	\$ 1,395,389	\$ 8,746	\$ 21,505	\$ 38	\$ 1	\$ 1,219	\$ 6,959	\$ 14,099	\$ 620,507	\$ 392,920
% of Annual Total \$ by Rate										
Summer	42%	21%	47%	23%	23%	20%	25%	23%	34%	33%
Winter	58%	79%	53%	77%	77%	80%	75%	77%	66%	67%
Total Costs - in \$1000										
Summer	\$ 940,174									
Winter	\$ 1,521,209									
Total	\$ 2,461,383									
% of Annual Total \$										
Summer	38%		\$ 94.52	per MWh @ trans nodes			Ratio to All-In Cost >>>		Summer	1.0000
Winter	62%		\$ 99.06	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 =	\$ 97.28	(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	\$ 582,966	\$ 1,843	\$ 10,190	\$ 9	\$ 0	\$ 241	\$ 1,716	\$ 3,198	\$ 209,469	\$ 130,538
Winter	\$ 812,185	\$ 6,900	\$ 11,314	\$ 29	\$ 1	\$ 978	\$ 5,240	\$ 10,909	\$ 410,934	\$ 262,538
Total	\$ 1,395,151	\$ 8,743	\$ 21,504	\$ 37	\$ 1	\$ 1,220	\$ 6,956	\$ 14,107	\$ 620,403	\$ 393,076
Total Summer	\$ 940,170									
Total Winter	\$ 1,521,028									
Grand Total	\$ 2,461,198									
Total Supplier Payment - in \$1000										
Summer	\$ 535,567	\$ 2,305	\$ 8,669	\$ 20	\$ 0	\$ 242	\$ 4,212	\$ 7,850	\$ 236,602	\$ 172,087
Winter	\$ 712,654	\$ 8,004	\$ 9,829	\$ 59	\$ 1	\$ 929	\$ 10,975	\$ 22,848	\$ 414,419	\$ 314,111
Total	\$ 1,248,221	\$ 10,309	\$ 18,498	\$ 79	\$ 2	\$ 1,172	\$ 15,187	\$ 30,698	\$ 651,022	\$ 486,198
Total Summer	\$ 967,553									
Total Winter	\$ 1,493,830									
Grand Total	\$ 2,461,383									

Difference (in \$1000) = \$ (185)

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	9,946,409
Winter	<u>15,356,513</u>
Total	25,302,921

Calculation of June 2020 to May 2021 BGS-RSCP Rates

Final

NJ Sales & Use Tax (SUT) excluded

Table A Auction Results

line #	Specific BGS-FP Auction >>	remaining portion of 36 month bid - 2018 auction	remaining portion of 36 month bid - 2019 auction	36 month bid - 2020 Auction	Notes:
1	Winning Bid - in \$/MWh	\$ 91.77	\$ 98.04	\$ 102.16	Winning Bid
	Total - in \$/MWh	\$ 91.77	\$ 98.04	\$ 102.16	= line 1 + line 2
	<i>(includes all payments, including impact of PJM marginal losses)</i>				
2	# of Tranches for Bid	29	28	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	9,946,409			from Table #17 of the current Bid Factor Spreadsheet
7	Winter MWh	15,356,513			
	Total Payment to Suppliers - in \$1000				
8	Summer	\$ 311,420	\$ 321,225	\$ 334,724	= (1) * (2)/(3) * (4) * (6) + (1A) * (2)/(3) * (6)
9	Winter	\$ 480,809	\$ 495,947	\$ 516,788	= (1) * (2)/(3) * (5) * (7) + (1A) * (2)/(3) * (7)
10	Total	\$ 792,229	\$ 817,171	\$ 851,512	Note: \$ reflect total payment
	Average Payment to Suppliers - in \$/MWh				
11	Summer	\$ 97.258			= sum(line 8) / (6) - rounded to 3 decimal places
12	Winter	\$ 97.258			= sum(line 9) / (7) - rounded to 3 decimal places
13	Total weighted average	\$ 97.258	<<< 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 =	\$ 2,460,912			= (13) * [(6)+(7)] / 1000
15	Total Payment to Suppliers =	\$ 2,460,912			= sum (line 10)
16	Difference =	\$ -			= line (14) - line (15)

Calculation of June 2020 to May 2021 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					0.464	0.465	1.052	0.431	0.430	
	PSE&G On pk			2.135				Use weighted average		
	PSE&G Off pk			0.414				for all streetlighting =		0.430
	All usage Multiplier	1.149	0.844							
	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		1.203	0.910		0.516	0.525	1.111	0.504	0.504	
	PSE&G On pk			2.169				Use weighted average		
	PSE&G Off pk			0.490				for all streetlighting =		0.504
Annual - all hrs		1.180	0.896	1.227	0.503	0.510	1.099	0.484	0.485	

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:	GLP	LPL-S	
Summer - all hrs		0.934	(44.656)			<u>Gen Cost</u>			
	PSE&G On pk			1.179	(63.494)	summer \$	5.2965	\$ 5.2965	per kW of G obl /month
	PSE&G Off pk			0.414	-	winter \$	5.2965	\$ 5.2965	per kW of G obl /month
Winter - all hrs		1.047	(50.991)			<u>Trans cost</u>			
	PSE&G On pk			1.294	(71.697)	all months \$	9.5534	\$ 9.5534	per kW of T obl /month
	PSE&G Off pk			0.487	-				
Annual - including T&G Obl \$		1.006		0.853					

Calculation of June 2020 to May 2021 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				4.5128	4.5225	10.2315	4.1821	4.1821
			20.7646					
			4.0265					
for Block 1 (0-600 kWh/m) usage	10.8686	7.8164						
for Block 2 (>600 kWh/m) usage	11.7338	8.9733						
Winter - all hrs	11.7001	8.8505		5.0185	5.1060	10.8054	4.9018	4.9018
			21.0953					
			4.7656					

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	4.6183		<u>Gen Cost</u>		
		5.1173	summer	\$ 5.2965	\$ 5.2965 per kW of G obl /month
		4.0265	winter	\$ 5.2965	\$ 5.2965 per kW of G obl /month
Winter - all hrs	5.0838		<u>Trans cost</u>		
		5.4155	all months	\$ 9.5534	\$ 9.5534 per kW of T obl /month
		4.7365			

Calculation of June 2020 to May 2021 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	\$ 582,852	\$ 1,842	\$ 10,188	\$ 9	\$ 0	\$ 241	\$ 1,715	\$ 3,197
Winter	\$ 812,026	\$ 6,899	\$ 11,312	\$ 29	\$ 1	\$ 978	\$ 5,239	\$ 10,907
Total	\$ 1,394,879	\$ 8,741	\$ 21,500	\$ 37	\$ 1	\$ 1,219	\$ 6,955	\$ 14,104
	GLP Energy \$	GLP Obligation \$		LPL-S Energy \$	LPL-S Obligation \$			
Summer	\$ 106,415	\$ 102,897		\$ 76,713	\$ 53,740			
Winter	\$ 205,178	\$ 205,794		\$ 155,070	\$ 107,480			
Total	\$ 311,593	\$ 308,692		\$ 231,783	\$ 161,219			
	Energy \$	Obligation \$	Total \$					
Total Summer	\$ 783,173	\$ 156,637	\$ 939,810					
Total Winter	\$ 1,207,639	\$ 313,274	\$ 1,520,913					
Grand Total	\$ 1,990,812	\$ 469,911	\$ 2,460,723					
Total Supplier Payment - in \$1000								
Summer	\$ 967,368							
Winter	\$ 1,493,544							
Total	\$ 2,460,912							
Differences - in \$1000								
Summer	\$ 27,558							
Winter	\$ (27,369)							
Total	\$ 189							

kWh Rate Adjustment <i>rounded to 5 decimal places</i> Factors 1.03519 0.97734

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 2020 to May 2021 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				4.6716	4.6816	10.5915	4.3293	4.3293
PSE&G On pk			21.4953					
PSE&G Off pk			4.1682					
for Block 1 (0-600 kWh/m) usage	11.2511	8.0915						
for Block 2 (>600 kWh/m) usage	12.1467	9.2891						
Winter - all hrs	11.4350	8.6499		4.9048	4.9903	10.5605	4.7907	4.7907
PSE&G On pk			20.6173					
PSE&G Off pk			4.6576					

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	4.7808		Gen Cost		
PSE&G On pk		5.2974	summer	\$5.2965	\$5.2965
PSE&G Off pk		4.1682	winter	\$5.2965	\$5.2965
Winter - all hrs	4.9686		Trans cost		
PSE&G On pk		5.2928	all months	\$9.5534	\$9.5534
PSE&G Off pk		4.6292			

Calculation of June 2020 to May 2021 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	\$ 603,364	\$ 1,907	\$ 10,547	\$ 9	\$ 0	\$ 250	\$ 1,776	\$ 3,310	\$ 213,057	\$ 133,152
Winter	\$ 793,627	\$ 6,743	\$ 11,055	\$ 28	\$ 1	\$ 956	\$ 5,121	\$ 10,660	\$ 406,323	\$ 259,037
Total	\$ 1,396,991	\$ 8,650	\$ 21,602	\$ 37	\$ 1	\$ 1,206	\$ 6,896	\$ 13,969	\$ 619,380	\$ 392,189
Total Summer	\$ 967,371									
Total Winter	\$ 1,493,550									
Grand Total	\$ 2,460,921									
Total Supplier Payment - in \$1000										
Summer	\$ 967,368									
Winter	\$ 1,493,544									
Total	\$ 2,460,912									
Differences - in \$1000										
Summer	\$ 3									<u>% difference</u> 0.0003%
Winter	\$ 6									0.0004%
Total	\$ 9									0.0004%