



Rockland Electric Company  
4 Irving Place  
New York NY 10003-0987  
www.oru.com

March 18, 2024

Sherri L. Golden  
Secretary of the Board  
State of New Jersey  
Board of Public Utilities  
44 South Clinton Avenue, 1st Floor  
PO Box 350  
Trenton, New Jersey 08625-0350

Re: In the Matter of the Provision of Basic Generation Service  
(BGS) for the Period Beginning June 1, 2024  
BPU Docket No. ER23030124

Dear Secretary Golden:

Rockland Electric Company (the "Company" or "RECO") hereby submits for filing with the Board of Public Utilities (the "Board") the following tariff leaves setting forth revisions to its Schedule for Electric Service B.P.U. No. 3 – ELECTRICITY.

20th Revised Leaf No. 50  
18th Revised Leaf No. 52  
80th Revised Leaf No. 54

These leaves are issued March 18, 2024 to become effective June 1, 2024. These leaves are issued in compliance with the Board's Order dated February 8, 2024, in the above-referenced docket (the "February Order").

The purpose of this filing is to implement the various rate and tariff changes, effective June 1, 2024, resulting from the February 2024 Basic Generation Service ("BGS") Auction approved by the Board in the February Order and the results of the bi-lateral contract for the Company's Central and Western Divisions served through the New York Independent System Operator. The winning auction prices from the statewide BGS Auction are combined with the winning price resulting from the RECO Central and Western Division procurement to arrive at the rates customers will pay for BGS Service effective June 1, 2024. A description of these changes was set forth in the RECO Company Specific addendum filed on December 4, 2023 in the above-referenced docket.

The Board in its February Order required the Company to file its BGS Auction tariff leaves one week after PJM posted the results of the Third Incremental RPM Auction ("3rd IA") for the 2024/2025 delivery year. These results were posted by PJM on March 11, 2024. However; on March 12, 2024, the United States Court of Appeals for the Third Circuit vacated the Federal Energy Regulatory Commission's orders that allowed PJM to retroactively adjust the

Honorable Sherri L. Golden  
March 18, 2024  
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results of the Base Residual Auction (“BRA”) for the 2024/2025 delivery year. It is not clear how or if this legal action will affect the results of the BRA or 3rd IA for the 2024/2025 delivery year for the applicable RECO zone, and in turn, how or if this will affect the value of the capacity proxy price true-up incorporated in the attached tariff leaves. Any such changes may require subsequent action by the Company.

Absent subsequent action or filing pertaining to the matter described above, the attached tariff leaves, are filed to become effective June 1, 2024.

Please note that the Company is making this filing solely in electronic form pursuant to the Board’s directive in its Emergency Order dated March 19, 2020 in BPU Docket No. EO20030254.

Any questions regarding this filing can be directed to Cheryl Ruggiero at (212) 460-3189 or at [ruggieroc@coned.com](mailto:ruggieroc@coned.com).

Sincerely,

/s/

William A. Atzl, Jr.  
Director – Rate Engineering

# Attachment A

**GENERAL INFORMATION**

**No. 31 BASIC GENERATION SERVICE (“BGS”)**

- (1) Basic Generation Service – Residential Small Commercial Pricing (BGS-RSCP)  
Applicable to Service Classification Nos. 1, 2, 3, 4, and 6

Applicable to Service Classification Nos. 1, 2 (Non-Demand Billed), 3, 4, and 6  
Charges per kilowatthour:

<u>Service Classification</u>	<u>Summer Months*</u>	<u>Other Months</u>
1 (Non-TOD) – First 600 kWh	6.014¢	10.162¢
1 (Non-TOD) – Over 600 kWh	13.021¢	10.162¢
1 (TOD) – Peak	14.327¢	15.268¢
1 (TOD) – Off-Peak	8.086¢	8.518¢
2 - (Non-Demand Billed) – All kWh	9.721¢	9.363¢
3 – Peak	11.785¢	10.703¢
3 – Off-Peak	7.986¢	8.419¢
4 – All kWh	8.913¢	8.834¢
6 – All kWh	8.894¢	8.806¢

Applicable to Service Classification No. 2 Demand Billed customers who do not take BGS-CIEP service in accordance with General Information Section No. 31(2):

	<u>Summer Months*</u>	<u>Other Months</u>
Demand Charges		
All kW (\$/kW)	1.98	1.70
Usage Charges		
All kWh (¢/kWh)	9.224¢	9.047¢

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

\*Definition of Summer Billing Months - June through September

(Continued)

ISSUED: March 18, 2024

EFFECTIVE: June 1, 2024

ISSUED BY: Robert Sanchez, President  
Mahwah, New Jersey 07430

Filed pursuant to Order of the Board of Public Utilities, State of New Jersey, dated February 8, 2024 in Docket No. ER23030124.

**GENERAL INFORMATION**

**No. 31 BASIC GENERATION SERVICE (“BGS”) (Continued)**

(2) Basic Generation Service – Commercial and Industrial Energy Pricing (BGS-CIEP)

This service is applicable to all Service Classification No. 7 customers, and Service Classification No. 2 customers who maintain a billing demand of 500 kW or greater during any two months of a calendar year, taking BGS from the Company. Service Classification No. 2 metered customers who do not meet the above criteria may elect to take BGS-CIEP service on a voluntary basis. See General Information Section No. 31(1).

BGS Energy Charges:

Charges per kilowatthour:

BGS Energy Charges are hourly and are provided at the real time PJM Load Weighted Average Residual Metered Load Aggregate Locational Marginal Prices for the Rockland Electric Transmission Zone, plus Ancillary Services (including PJM Administrative Charges) at the rate of \$0.00640 per kilowatthour, adjusted for losses and applicable taxes.

BGS Capacity Charges:

Charges per kilowatt of Capacity Obligation as determined in accordance with General Information Section No. 31(C):

Charge applicable in Summer\* months.....\$ 9.7568

Charge applicable in other months.....\$ 9.7568

The above charges shall recover each customer’s share of the overall summer peak load assigned to the Rockland Electric Transmission Zone by PJM as adjusted by PJM assigned capacity related factors.

In accordance with Rider SUT, the above charges include provision for the New Jersey Sales and Use Tax. When billed to customers exempt from this tax, as set forth in Rider SUT, such charges will be reduced by the relevant amount of such tax included therein.

\* June through September

(Continued)

ISSUED: March 18, 2024

EFFECTIVE: June 1, 2024

ISSUED BY: Robert Sanchez, President  
Mahwah, New Jersey 07430

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**GENERAL INFORMATION**

**No. 31 BASIC GENERATION SERVICE (“BGS”) (Continued)**

(4) BGS Reconciliation Charges

Separate BGS-RSCP and BGS-CIEP reconciliation charges shall be computed quarterly and assessed on all BGS-RSCP and BGS-CIEP customers. The billing quarters shall be defined as the three-month periods beginning March, June, September, and December. The reconciliation charges shall recover the differences, including interest, between amounts paid to BGS suppliers and BGS revenue for the preceding quarter for the applicable BGS supply. The BGS Reconciliation Charges will also include recovery of transmission charge retail rate revenue for the period August 30, 2022 through December 31, 2023 resulting from the increase in the PJM Open Access Transmission Tariff (“OATT”) Schedule H-12 revenue requirement and the decrease in the Company’s PJM OATT Schedule 1A scheduling, system control, and dispatch rate approved by FERC on October 24, 2023 in FERC Docket Nos. ER22-910-000 and ER22-910-002. The BGS-CIEP Reconciliation Charge will also include any Direct Current Fast Charging (“DCFC”) Per-Plug program incentives paid out to participating customers. For any given quarter, the reconciliation charges shall not exceed a charge or a credit of 2.0 cents per kWh, including SUT. In the event the 2.0 cents per kWh limit is imposed, any remaining over- or under-collection balance shall be included in the subsequent quarter’s reconciliation charges to the extent possible within the 2.0 cents per kWh limitation. Interest will be calculated as determined by the Board in its Order dated February 6, 2009 in Docket Number ER08050310.

These charges include all applicable taxes and are charged on a monthly basis for all usage billed in the month indicated.

BGS-RSCP Reconciliation Charge.....	1.093 ¢/kWh
BGS-CIEP Reconciliation Charge .....	(2.000) ¢/kWh

In accordance with Rider SUT, the above charges include provision for the New Jersey Sales and Use Tax. When billed to customers exempt from this tax, as set forth in Rider SUT, such charges will be reduced by the relevant amount of such tax included therein.

The BGS Reconciliation Charges shall be filed with the Board not less than fifteen days prior to the date on which they are proposed to become effective.

## Attachment B & C

Development of BGS Cost and Bid Factors for Rates Effective June 1, 2024

**Table #1** % Usage During PJM On-Peak Period

*Based on 2023 Load Profile Information*  
*On-Peak periods defined as the 16 hr PJM Trading period, adj for NERC holidays*

	Profile Meter Data		Profile Meter Data		--- Other Analysis ---		Profile Meter
	SC1	SC3	Data	SC2 ND	SC4	SC6	Data
	SC1	SC3	SC2 ND	SC4	SC6	SC2 Dem	
January	42.64%	46.20%	46.14%	53.47%	53.47%	50.46%	
February	44.19%	48.36%	46.32%	54.83%	54.83%	51.94%	
March	46.32%	50.40%	48.65%	56.56%	56.56%	54.30%	
April	43.62%	47.58%	45.80%	53.89%	53.89%	51.66%	
May	41.01%	48.45%	45.77%	52.40%	52.40%	50.84%	
June	46.20%	54.13%	51.68%	56.24%	56.24%	56.23%	
July	41.66%	48.82%	46.16%	49.03%	49.03%	49.79%	
August	47.57%	55.88%	52.71%	56.32%	56.32%	56.65%	
September	41.86%	50.59%	47.59%	53.03%	53.03%	52.30%	
October	43.47%	48.83%	47.35%	51.82%	51.82%	51.21%	
November	44.09%	47.67%	46.50%	53.07%	53.07%	51.22%	
December	42.10%	46.83%	45.28%	52.59%	52.59%	49.59%	

**Table #2** % Usage During RECO On-Peak Billing Period

*On-Peak periods as defined in specified rate schedule*

	N/A		N/A	N/A	N/A	N/A	
	SC1	SC3	SC2 ND	SC4	SC6	SC2 Dem	SC1 TOD
<i>(data rounded to nearest %)</i>							
January	----	32.6%	----	----	----	----	23.2%
February	----	35.9%	----	----	----	----	24.4%
March	----	33.6%	----	----	----	----	23.4%
April	----	34.8%	----	----	----	----	22.7%
May	----	36.0%	----	----	----	----	26.5%
June	----	39.5%	----	----	----	----	30.5%
July	----	41.7%	----	----	----	----	31.4%
August	----	42.9%	----	----	----	----	31.8%
September	----	41.8%	----	----	----	----	29.4%
October	----	40.0%	----	----	----	----	24.1%
November	----	37.6%	----	----	----	----	26.0%
December	----	35.8%	----	----	----	----	24.6%



**Table #3 Class Usage @ customer**

*Calendar month billed sales forecasted for 2024  
in MWh*

	<u>SC1</u>	<u>SC3</u>	<u>SC2 ND</u>	<u>SC4</u>	<u>SC6</u>	<u>SC2 Dem</u>	<u>Total</u>
January	56,459	59	1,541	664	474	28,399	87,596
February	52,370	58	1,876	553	426	26,442	81,724
March	46,642	56	1,856	543	390	21,516	71,002
April	43,192	59	1,119	476	384	24,942	70,172
May	43,146	57	874	433	366	21,554	66,429
June	59,628	49	914	383	344	25,855	87,172
July	84,222	57	1,097	414	333	30,661	116,784
August	86,028	59	1,068	471	335	31,391	119,350
September	73,083	57	1,034	522	400	31,731	106,827
October	48,740	48	901	596	462	24,438	75,184
November	41,751	47	916	631	505	22,486	66,335
December	51,139	57	1,432	679	506	24,897	78,709
Total	686,401	662	14,628	6,361	4,920	314,311	1,027,283

**Table #4 Forwards Prices - Energy Only @ bulk system**

*in \$/MWh (See Table 18)*

	<u>On-Peak</u>	<u>Off-Peak</u>
January	59.80	50.13
February	55.17	45.99
March	45.01	38.28
April	41.31	34.63
May	43.47	36.46
June	40.08	26.71
July	53.51	35.40
August	47.87	31.24
September	40.53	27.03
October	40.33	33.94
November	42.72	36.07
December	49.67	42.55

**Table #5 Losses**

	<u>SC1</u>	<u>SC3</u>	<u>SC2 ND</u>	<u>SC4</u>	<u>SC6</u>	<u>SC2 Dem</u>
Expansion Factor =	1.08662	1.08662	1.08662	1.08284	1.08284	1.08662
Expansion Factor (net Marginal Losses)	1.07646	1.07646	1.07646	1.07271	1.06603	1.07646

**Table #6 Summary of Average BGS Energy Only Unit Costs @ customer - PJM Time Periods**  
*based on Forwards prices corrected for basis differential & losses*  
*in \$/MWh*

		<u>SC1</u>	<u>SC3</u>	<u>SC2 ND</u>	<u>SC4</u>	<u>SC6</u>	<u>SC2 Dem</u>
Summer - all hrs	\$	40.65	\$ 41.64	\$ 41.23	\$ 41.39	\$ 41.26	\$ 41.82
	PJM on pk \$	50.06	\$ 49.58	\$ 49.65	\$ 48.94	\$ 48.77	\$ 49.49
	PJM off pk \$	33.17	\$ 32.93	\$ 32.99	\$ 32.64	\$ 32.56	\$ 32.95
Winter - all hrs	\$	47.27	\$ 47.35	\$ 48.27	\$ 47.81	\$ 47.58	\$ 47.80
	PJM on pk \$	51.87	\$ 51.49	\$ 52.66	\$ 51.61	\$ 51.37	\$ 51.73
	PJM off pk \$	43.75	\$ 43.53	\$ 44.44	\$ 43.43	\$ 43.22	\$ 43.65
Annual	\$	44.35	\$ 45.43	\$ 46.29	\$ 46.00	\$ 45.77	\$ 45.53
System Total	\$	44.76					

**Table #7 Summary of Average BGS Energy Only Costs @ customer - PJM Time Periods**  
*based on Forwards prices corrected for basis differential & losses*  
*in \$1000*

		<u>SC1</u>	<u>SC3</u>	<u>SC2 ND</u>	<u>SC4</u>	<u>SC6</u>	<u>SC2 Dem</u>
Summer - all hrs	\$	12,316	\$ 9	\$ 170	\$ 74	\$ 58	\$ 5,004
	PJM on pk \$	6,716	\$ 6	\$ 101	\$ 47	\$ 37	\$ 3,177
	PJM off pk \$	5,600	\$ 3	\$ 69	\$ 27	\$ 21	\$ 1,827
Winter - all hrs	\$	18,126	\$ 21	\$ 508	\$ 219	\$ 167	\$ 9,305
	PJM on pk \$	8,635	\$ 11	\$ 258	\$ 126	\$ 96	\$ 5,171
	PJM off pk \$	9,491	\$ 10	\$ 250	\$ 92	\$ 71	\$ 4,134
Annual	\$	30,442	\$ 30	\$ 677	\$ 293	\$ 225	\$ 14,309
System Total	\$	45,976					

**Table #8 Summary of Average BGS Energy Only Unit Costs @ customer - RECO Time Periods**  
*based on Forwards prices corrected for basis differential & losses - RECO billing time periods in \$/MWh*

		<u>SC1</u>	<u>SC3</u>	<u>SC2 ND</u>	<u>SC4</u>	<u>SC6</u>	<u>SC2 Dem</u>	<u>SC1 TOD</u>
Summer - all hrs	\$	40.65	\$ 41.64	\$ 41.23	\$ 41.39	\$ 41.26	\$ 41.82	40.65
			\$ 51.37				\$	52.32
			\$ 34.72				\$	35.43
Winter - all hrs	\$	47.27	\$ 47.35	\$ 48.27	\$ 47.81	\$ 47.58	\$ 47.80	47.27
			\$ 52.48				\$	53.42
			\$ 44.52				\$	45.30
Annual Average	\$	44.35	\$ 45.43	\$ 46.29	\$ 46.00	\$ 45.77	\$ 45.53	44.35
System Average	\$	44.76						

**Table #9 Generation & Transmission Obligations and Costs and Other Adjustments**  
*Obligations - annual average forecasted for 2023; costs are market estimates in MW*

		<u>SC1</u>	<u>SC3</u>	<u>SC2 ND</u>	<u>SC4</u>	<u>SC6</u>	<u>SC2 Dem</u>	<u>Total FP</u>	
Gen Obl - MW		296.085	0.112	2.779	0.0	0.0	81.811	380.787	<b>TRUE</b>
Trans Obl - MW		270.237	0.101	2.579	0.0	0.0	75.553	348.470	<b>TRUE</b>
# of Months and Days used in this analysis									
			# of summer days =	122	# of summer months =		4		
			# of winter days =	243	# of winter months =		8		
					total # months =		12		
Transmission Cost*	\$	53,766	per MW-yr	147.30					
Generation Capacity cost (see Table 19)	summer		\$72.85	\$/MW/day	Resulting avg gen cap cost =	summer >>	\$	26.59	per kW/yr
	winter		\$59.55	\$/MW/day		winter >>	\$	21.74	per kW/yr
Current residential summer BGS charges									
Current Tariff and % of total summer usage									
		----- SC1 -----							
		Charges		% usage					
Block 1 (0-600 kWh/month)		5.664	¢/kWh	42.97%					
Block 2 (>600 kWh/m)		11.841	¢/kWh	57.03%					
Calculated inversion =		6.177	¢/kWh						

**Table #10 Ancillary Services**  
*forecasted overall annual average*

\$22.95 /MWh

**Table #11 Summary of Obligation Costs Expressed as \$/MWh @ customer (for non-demand rates only)**

	<u>SC1</u>	<u>SC3</u>	<u>SC2 ND</u>	<u>SC4</u>	<u>SC6</u>	<u>SC1 TOD</u>
Transmission Obl - all months \$	21.17 \$	8.20 \$	9.48 \$	- \$	- \$	21.17
Generation Obl -						
per annual MWh \$	10.08 \$	3.95 \$	4.44 \$	- \$	- \$	10.08
per summer MWh \$	8.69 \$	4.47 \$	6.01 \$	- \$	- \$	8.69
per winter MWh \$	11.17 \$	3.68 \$	3.82 \$	- \$	- \$	11.17

**Table #12 Summary of BGS Unit Costs @ customer**

**NON-DEMAND RATES** (includes energy, G&T obligations, and Ancillary Services - adjusted to billing time periods in \$/MWh)

	<u>SC1</u>	<u>SC3</u>	<u>SC2 ND</u>	<u>SC4</u>	<u>SC6</u>	<u>SC1 TOD</u>
Summer - all hrs \$	93.46 \$	77.27 \$	79.66 \$	64.34 \$	64.21 \$	93.46
RECO On pk \$		93.28				124.59
RECO Off pk \$		65.87				79.55
Block 1 \$	58.23					
Block 2 \$	120.00					
Winter - all hrs \$	102.56 \$	82.19 \$	84.52 \$	70.76 \$	70.53 \$	102.56
RECO On pk \$		93.97				143.51
RECO Off pk \$		75.67				89.41
Annual -all hrs \$	98.54 \$	80.53 \$	83.16 \$	68.95 \$	68.72 \$	98.54

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

	<u>SC2 Dem</u>	<b>PLUS:</b>		
Summer - all hrs \$	64.77		<u>Gen Cost (per kW of Billed Demand/Month)</u>	
				<b>≤ 5 kW      &gt; 5 kW</b>
Winter - all hrs \$	70.75		summer \$	1.742 \$
			winter \$	1.664 \$
			<u>Trans cost</u>	
Annual - all hrs per MWh only \$	68.48		all months \$	4.48 per kW of T obl /month

**Table #12 (Continued)**

<u>Including T&amp;G Obligation \$</u>		<u>Gen Cost (per kW of Billed Demand/Month)</u>			
Summer - all hrs	\$ 86.10				
			<b>≤ 5 kW</b>	<b>&gt; 5 kW</b>	
Winter - all hrs	\$ 94.25	summer	\$ 1.742	\$	1.742
		winter	\$ 1.664	\$	1.664
Annual - including T&G Obl \$	\$ 87.48				

**ALL RATES**

Grand Total Cost in \$1000 = \$ 97,183  
 All-In Average cost @ customer = \$ 94.60 per MWh at customer (per customer metered MWh)  
 All-In Average costs @ transmission nodes = \$ 87.89 per MWh at transmission nodes (per metered MWh at transmission node)

**Table #13 Ratio of BGS Unit Costs @ customer to All-In Average Cost @ transmission nodes**

**NON-DEMAND RATES**

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

	<u>SC1</u>	<u>SC3</u>	<u>SC2 ND</u>	<u>SC4</u>	<u>SC6</u>	<u>SC1 TOD</u>
Summer - all hrs	<b>1.063</b>		<b>0.906</b>	<b>0.732</b>	<b>0.731</b>	
RECO On pk		<b>1.061</b>				<b>1.418</b>
RECO Off pk		<b>0.749</b>				<b>0.905</b>
<b>Constant Blk 1 \$</b>	<b>(35.23)</b>					
<b>Constant Blk 2 \$</b>	<b>26.54</b>					
Winter - all hrs	<b>1.167</b>		<b>0.962</b>	<b>0.805</b>	<b>0.803</b>	
RECO On pk		<b>1.069</b>				<b>1.6330</b>
RECO Off pk		<b>0.861</b>				<b>1.0170</b>
Annual - all hrs	1.121	0.916	0.946	0.785	0.782	<b>1.1210</b>

**Table #13 (Continued)**

**DEMAND RATES**

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

	<b>SC2 Dem Multiplier</b>		<b>SC2 Dem Constant</b>	<b>PLUS:</b>			
Summer - all hrs	<b>0.980</b>	\$	<b>(21.326)</b>	<u>Gen Cost (per kW of Billed Demand/Month)</u>			
						<b>≤ 5 kW</b>	<b>&gt; 5 kW</b>
Winter - all hrs	<b>1.072</b>	\$	<b>(23.505)</b>	summer	\$	1.74	\$ 1.74
				winter	\$	1.66	\$ 1.66
Annual - including T&G Obl \$	0.995			<u>Trans cost</u>			
				all months	\$	4.481	per kW of T obl /month

**Table #14 Summary of BGS Unit Costs Less Transmission @ customer**

**NON-DEMAND RATES**

*Includes energy, generation capacity obligation, and Ancillary Services - adjusted to billing time periods. Transmission billed at retail tariff level. in \$/MWh*

		<b>SC1</b>		<b>SC3</b>		<b>SC2 ND</b>		<b>SC4</b>		<b>SC6</b>		<b>SC1 TOD</b>
Summer - all hrs	\$	72.29	\$	69.07	\$	70.18	\$	64.34	\$	64.21	\$	72.29
	RECO On pk		\$	85.08						\$		103.43
	RECO Off pk		\$	57.67						\$		58.38
	Block 1	\$	37.06									
	Block 2	\$	98.83									
Winter - all hrs	\$	81.40	\$	73.99	\$	75.04	\$	70.76	\$	70.53	\$	81.40
	RECO On pk		\$	85.77						\$		122.34
	RECO Off pk		\$	67.47						\$		68.25
Annual -all hrs	\$	77.38	\$	72.33	\$	73.68	\$	68.95	\$	68.72	\$	77.38

**Table #14 (Continued)**

**DEMAND RATES**

*Includes energy and Ancillary Services, generation obligation charged separately - adjusted to billing time periods. Transmission billed at retail tariff level. In \$/MWh.*

	<u>SC2 Dem</u>	<b>PLUS:</b>			
		<u>Gen Cost (per kW of Billed Demand/Month)</u>			
			<u>&lt; 5 kW</u>	<u>&gt; 5 kW</u>	
Summer - all hrs	\$ 64.77				
Winter - all hrs	\$ 70.75	summer	\$ 1.742	\$	1.742
		winter	\$ 1.664	\$	1.664
Annual - all hrs per MWh only	\$ 68.48				
<u>Including Generation Obligation \$</u>					
Summer - all hrs	\$ 74.78				
Winter - all hrs	\$ 80.34				
Annual - including T&G Obl \$	\$ 78.23				

**ALL RATES**

Grand Total Cost in \$1000 = \$	79,601	
All-In Average cost @ customer = \$		77.49 per MWh at customer (per customer metered MWh)
All-In Average costs @ transmission nodes = \$		71.99 per MWh at transmission node system (per metered MWh at transmission node)

**Table #15 Ratio of BGS Unit Costs Less Transmission @ customer to All-In Average Cost @ transmission nodes**

**NON-DEMAND RATES**

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

	<u>SC1</u>	<u>SC3</u>	<u>SC2 ND</u>	<u>SC4</u>	<u>SC6</u>	<u>SC1 TOD</u>
Summer - all hrs	1.004		0.975	0.894	0.892	
RECO On pk		1.182				1.437
RECO Off pk		0.801				0.811
<b>Constant Blk 1 \$</b>	<b>(35.23)</b>					
<b>Constant Blk 2 \$</b>	<b>26.54</b>					
Winter - all hrs	1.131		1.042	0.983	0.980	
RECO On pk		1.191				1.699
RECO Off pk		0.937				0.948
Annual - all hrs	1.075	1.005	1.023	0.958	0.955	1.075

**DEMAND RATES**

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

	<u>SC2 Dem Multiplier</u>	<u>SC2 Dem Constant</u>	<b>PLUS:</b>			
Summer - all hrs	1.039	(10.008)	<u>Gen Cost (per kW of Billed Demand/Month)</u>			
				<u>&lt; 5 kW</u>		<u>&gt; 5 kW</u>
Winter - all hrs	1.116	(9.594)	summer	\$ 1.742	\$	1.742
			winter	\$ 1.664	\$	1.664
Annual - including T&G Obl \$	1.087					



**Table #16 Summary of Total BGS Costs by Season**

		<u>SC1</u>		<u>SC3</u>		<u>SC2 ND</u>		<u>SC4</u>		<u>SC6</u>		<u>SC2 Dem</u>		<u>SC1 TOD</u>
Total Costs by Rate - in \$1000														
Summer	\$	28,314	\$	17	\$	328	\$	115	\$	91	\$	9,831	\$	28,314
Winter	\$	39,327	\$	36	\$	889	\$	323	\$	248	\$	17,665	\$	39,327
Total	\$	67,641	\$	53	\$	1,216	\$	439	\$	338	\$	27,496	\$	67,641
% of Annual Total \$ by Rate														
Summer		42%		32%		27%		26%		27%		36%		42%
Winter		58%		68%		73%		74%		73%		64%		58%
Total Costs - in \$1000														
Summer	\$	38,695												
Winter	\$	58,488												
Total	\$	97,183												
% of Annual Total \$														
Summer		40%												
Winter		60%												

If total \$ were split on a per MWh basis (on transmission node MWhs):

Ratio to All-In Cost  
 Summer **0.9509**  
 Winter **1.0354**

**Table #17 Summary of Total BGS Costs by Season - Less Transmission**

		<u>SC1</u>		<u>SC3</u>		<u>SC2 ND</u>		<u>SC4</u>		<u>SC6</u>		<u>SC2 Dem</u>		<u>SC1 TOD</u>
Total Costs by Rate - in \$1000														
Summer	\$	21,901	\$	15	\$	289	\$	115	\$	91	\$	8,477	\$	21,901
Winter	\$	31,210	\$	33	\$	789	\$	323	\$	248	\$	14,957	\$	31,210
Total	\$	53,111	\$	48	\$	1,078	\$	439	\$	338	\$	23,434	\$	53,111
% of Annual Total \$ by Rate														
Summer		41%		32%		27%		26%		27%		36%		41%
Winter		59%		68%		73%		74%		73%		64%		59%
Total Costs - in \$1000														
Summer	\$	30,887												
Winter	\$	47,560												
Total	\$	78,447												
% of Annual Total \$														
Summer		39%												
Winter		61%												

If total \$ were split on a per MWh basis (on transmission node MWhs):

Ratio to All-In Cost  
 Summer **0.9267**  
 Winter **1.0279**

Table #18 Forward Energy Prices

PJM Forward Prices - Energy Only @ bulk system <i>in \$/MWh</i>	<u>On-Peak</u>	<u>Off/On Peak LMP ratio</u>	Zone to Western Hub Basis Differential <i>in \$/MWh</i>			PJM Forward Prices (incl basis differential) <i>in \$/MWh</i>	
			<u>Off-Peak</u>	<u>On-Peak</u>	<u>Off-Peak</u>	<u>On-Peak</u>	<u>Off-Peak</u>
January	61.55	0.8179	50.34	91%	94%	56.01	47.32
February	55.70	0.8179	45.56	91%	94%	50.69	42.83
March	48.20	0.8179	39.42	91%	94%	43.86	37.05
April	45.50	0.8179	37.21	91%	94%	41.41	34.98
May	47.90	0.8179	39.18	91%	94%	43.59	36.83
June	45.25	0.6246	28.26	88%	92%	39.82	26.00
July	59.80	0.6246	37.35	88%	92%	52.62	34.36
August	53.90	0.6246	33.67	88%	92%	47.43	30.98
September	46.20	0.6246	28.86	88%	92%	40.66	26.55
October	44.45	0.8179	36.36	91%	94%	40.45	34.18
November	45.95	0.8179	37.58	91%	94%	41.81	35.33
December	52.15	0.8179	42.65	91%	94%	47.46	40.09

NYISO Forward Prices - Energy Only @ bulk system  
*in \$/MWh*

	<u>On-Peak</u>	<u>Off-Peak</u>
January	89.50	72.10
February	90.25	70.70
March	54.05	47.90
April	40.55	31.90
May	42.55	33.60
June	42.15	32.25
July	60.45	43.50
August	51.35	33.30
September	39.50	30.75
October	39.40	32.10
November	49.85	41.85
December	66.95	61.85

Weighted Average Forward Prices - Energy Only @ bulk system (88.7% PJM - 11.3% NYISO)  
*in \$/MWh*

	<u>On-Peak</u>	<u>Off-Peak</u>
January	59.80	50.13
February	55.17	45.99
March	45.01	38.28
April	41.31	34.63
May	43.47	36.46
June	40.08	26.71
July	53.51	35.40
August	47.87	31.24
September	40.53	27.03
October	40.33	33.94
November	42.72	36.07
December	49.67	42.55

**Table #19 Generation Capacity Prices (\$/MW/Day)**

	<u>PJM Base Capacity</u>	<u>PJM 88.7%</u>	<u>NYISO 11.3%</u>	<u>Weighted Average</u>
Summer	\$50.34	\$50.34	\$249.07	\$72.85
Winter	\$50.34	\$50.34	131.66	\$59.55

**Table #20 Ancillary Services**

	<u>PJM Ancillary Services</u>	<u>NYISO Ancillary Services</u>	<u>Renewable Power Cost</u>	<u>PJM 88.7%</u>	<u>NYISO 11.3%</u>	<u>Weighted Average</u>
	\$2.00	\$2.62	\$20.88	\$22.88	\$23.50	\$22.95

**Assumptions:**

- Gen Cost = \$72.85 per MW-day in summer  
\$59.55 per MW-day in winter
- Trans cost = \$ 53,766 per MW-yr
- Analysis time period = 4 summer months  
8 winter months
- Ancillary Services = \$ 22.95 /MWh
- Energy Costs = Based on Jun 2024 to May 2025 Forwards @ PJM West as of January 02, 2024  
Based on Jun 2024 to May 2025 Forwards @ NYISO Zone G and Lower Hudson Valley (LHV) as of June 13, 2023
- Usage patterns = Forecasted 2023 energy use by class, PJM on/off % from 2022 class load profiles,  
RECO billing on/off % from 6/22 to 5/23 actual data
- Obligations = Class totals for 2023
- Losses = Per RECO's Third Party Supplier Agreement adjusted for PJM 500kV losses and inadvertent energy.
- 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
- RECO Billing time periods = as per specific rate schedule

**Table A Weighted Average Price Calculation**

Line #	Specific BGS-FP Auction >>	2022 Auction 36 Month	2023 Auction 36 Month	2024 Auction 36 Month	Total	Notes:
1	Tranches	1	2	1	4	From then-current auction
2(a)	Winning Bid Price (¢/kWh)*	8.206	9.648	8.555		
2(b)	Capacity Proxy Price True-up - in (¢/kWh)*	-0.422	-0.116	0.000		Entered After 2024 BGS Auction
3	BGS (¢/kWh)	7.784	9.532	8.555		= 2(a) + 2(b)
4	Weighted Avg BGS	1.946	4.766	2.139	8.851	= (1) / Total Tranches * (3)
5	Weighted Avg Total Price (¢/kWh)				<b>8.851</b>	
<u>Seasonal Payment Factors</u>						
6	Summer	1.0000	1.0000	1.0000 **		From then-current Bid Factor Spreadsheet
7	Winter	1.0000	1.0000	1.0000 **		From then-current Bid Factor Spreadsheet
<u>Applicable Customer Usage @ transmission nodes</u> (Eastern Division)						
8	Summer MWh	410,552				From then-current Bid Factor Spreadsheet
9	Winter MWh	<u>569,944</u>				From then-current Bid Factor Spreadsheet
10		980,497				
<u>Total Cost</u>						
11	Summer	7,989,349	19,566,924	8,780,688	36,336,961	= (1) / Total Tranches * (3) / 100 * (6) * (8) * 1,000
12	Winter	<u>11,091,120</u>	<u>27,163,554</u>	<u>12,189,688</u>	<u>50,444,362</u>	= (1) / Total Tranches * (3) / 100 * (7) * (9) * 1,000
13	Total	19,080,469	46,730,478	20,970,376	86,781,323	= (11) + (12)
<u>Average Cost (NJ Statewide Auction)</u>						
14	Summer	8.851 ¢/kWh				= sum(line 11) / (8) / 1000 * 100 rounded to 3 decimal places
15	Winter	8.851 ¢/kWh				= sum(line 12) / (9) / 1000 * 100 rounded to 3 decimal places
16	Total	<b>8.851 ¢/kWh</b>				= sum(line 13) / (10) / 1000 * 100 rounded to 3 decimal places
<u>Average Cost (Including RECO RFP)</u>						
		BGS Auction	RECO RFP		Total	
17	Tranches	4	0.511		4.511	Includes RECO RFP equivalent tranches
18	Price ¢/kWh	8.851	8.298			BGS Auction from (16)
19	Weighted Avg BGS	7.848	0.940		8.788	= (17) / Total Tranches * (18)
20	<b>Weighted Avg Total Price</b>				<b>8.788</b>	= (19)

\* Includes Impact of PJM Marginal Losses

\*\* Auction results set to 1.0 to avoid using an atypical result from the current 12-month forward prices.

**Table B Ratio of BGS Unit Costs Less Transmission @ customer to All-In Average Cost @ transmission nodes**  
 (from Table 15 of Bid Factor Spreadsheet)

**NON-DEMAND RATES**

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

	<u>SC1</u>	<u>SC3</u>	<u>SC2 ND</u>	<u>SC4</u>	<u>SC6</u>	<u>SC1 TOD</u>
Summer - all hrs	1.004		0.975	0.894	0.892	
RECO On pk		1.182				1.437
RECO Off pk		0.801				0.811
<b>Constant Blk 1 \$</b>	<b>(35.23)</b>					
<b>Constant Blk 2 \$</b>	<b>26.54</b>					
Winter - all hrs	1.131		1.042	0.983	0.980	
RECO On pk		1.191				1.699
RECO Off pk		0.937				0.948
Annual - all hrs	1.075	1.005	1.023	0.958	0.955	1.075

**DEMAND RATES**

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

	<u>SC2 Dem Multiplier</u>	<u>SC2 Dem Constant</u>	<b>PLUS:</b>		
			<u>Gen Cost (per kW of Billed Demand/Month)</u>		
			<u>0</u>	<u>&lt; 5 kW</u>	<u>&gt; 5 kW</u>
Summer - all hrs	1.039	(10.008)			
Winter - all hrs	1.116	(9.594)	summer \$	- \$	1.742 \$
			winter \$	- \$	1.664 \$
Annual - including T&G Obl \$	1.087				

**Table C Determination of Preliminary Retail Rates to be Charged to BGS Customers**

All-In Average costs @ Trans node =	\$ 87.88 /MWh*	* Price from Table A (which does not include
Less Transmission	\$ - /MWh**	transmission for the Central/Western Division).
BGS Cost	\$ 87.88 /MWh	

Retail BGS Rates (excl SUT) (¢/kWh)

	<u>SC1</u>	<u>SC3</u>	<u>SC2 ND</u>	<u>SC4</u>	<u>SC6</u>	<u>SC2 Dem</u>	<u>SC1 TOD</u>
<u>Summer</u>							
All kWh (¢/kWh)	8.823		8.568	7.856	7.839	8.130	
Peak kWh (¢/kWh)		10.387					12.628
Off-Peak kWh (¢/kWh)		7.039					7.127
Block1	5.300						
Block2	11.477						
Demand Charge (\$/kW) 1st 5kW						1.742	
Demand Charge (\$/kW) > 5 kW						1.742	
<u>Winter</u>							
All kWh (¢/kWh)	9.939		9.157	8.639	8.612	8.848	
Peak kWh (¢/kWh)		10.467					14.931
Off-Peak kWh (¢/kWh)		8.234					8.331
Demand Charge (\$/kW) 1st 5kW						1.664	
Demand Charge (\$/kW) > 5 kW						1.664	

**Table D Calculation of Rate Adjustment Factors**

	<u>SC1</u>	<u>SC3</u>	<u>SC2 ND</u>	<u>SC4</u>	<u>SC6</u>	<u>SC2 Dem</u>	<u>SC1 TOD</u>
Total BGS Revenue (Excl SUT) - in \$1000							
Summer	\$ 26,730	\$ 19	\$ 352	\$ 141	\$ 111	\$ 10,924	\$ 26,734
Winter	\$ 38,110	\$ 40	\$ 963	\$ 395	\$ 302	\$ 19,092	\$ 38,096
Total	\$ 64,840	\$ 59	\$ 1,315	\$ 536	\$ 413	\$ 30,016	\$ 64,830
Total							
Summer	\$ 38,277						
Winter	\$ 58,902						
Total	\$ 97,179						
<u>Total Supplier Payments - in \$1000</u>							
Eastern Division	<u>Total</u>	<u>Transmission</u>	<u>Net BGS</u>				
Summer	\$ 36,337		\$ 36,337		5,538.00		
Winter	\$ 50,444		\$ 50,444		11,076.00		
Total	\$ 86,781	\$ -	\$ 86,781				
Central/Western Division	<u>Total</u>	<u>Transmission</u>	<u>Net BGS</u>				
Summer	\$ 4,393	\$ -	\$ 4,393				
Winter	\$ 6,042	\$ -	\$ 6,042				
Total	\$ 10,435	\$ -	\$ 10,435				
Total RECO FP	<u>Total</u>	<u>Transmission</u>	<u>Net BGS</u>				
Summer	\$ 40,730	\$ -	\$ 40,730				
Winter	\$ 56,486	\$ -	\$ 56,486				
Total	\$ 97,216	\$ -	\$ 97,216				
Differences	<u>BGS Revenue</u>	<u>BGS Costs</u>	<u>Difference</u>		<u>Rate Adjustment Factors</u>		
Summer	\$ 38,277	\$ 40,730	\$ 2,453		<b>1.06408</b>		
Winter	\$ 58,902	\$ 56,486	\$ (2,416)		<b>0.95899</b>		
Total	\$ 97,179	\$ 97,216	\$ 37				

**Table E Final Retail BGS Rates (¢/kWh)**

**Rates Excluding SUT:**

	<u>SC1</u>	<u>SC3</u>	<u>SC2 ND</u>	<u>SC4</u>	<u>SC6</u>	<u>SC2 Dem</u>	<u>SC1 TOD</u>
<u>Summer</u>							
All kWh (¢/kWh)	9.388		9.117	8.359	8.341	8.651	
Peak kWh (¢/kWh)		11.053					13.437
Off-Peak kWh (¢/kWh)		7.490					7.584
Block1	5.640						
Block2	12.212						
Demand Charge (\$/kW) 1st 5kW						1.854	
Demand Charge (\$/kW) > 5 kW						1.854	
<u>Winter</u>							
All kWh (¢/kWh)	9.531		8.781	8.285	8.259	8.485	
Peak kWh (¢/kWh)		10.038					14.319
Off-Peak kWh (¢/kWh)		7.896					7.989
Demand Charge (\$/kW) 1st 5kW						1.596	
Demand Charge (\$/kW) > 5 kW						1.596	

**Rates Including SUT:**

	SUT @						
			6.625%				
	<u>SC1</u>	<u>SC3</u>	<u>SC2 ND</u>	<u>SC4</u>	<u>SC6</u>	<u>SC2 Dem</u>	<u>SC1 TOD</u>
<u>Summer</u>							
All kWh (¢/kWh)			9.721	8.913	8.894	9.224	
Peak kWh (¢/kWh)		11.785					14.327
Off-Peak kWh (¢/kWh)		7.986					8.086
Block1	6.014						
Block2	13.021						
Demand Charge (\$/kW) 1st 5kW						1.98	
Demand Charge (\$/kW) > 5 kW						1.98	
<u>Winter</u>							
All kWh (¢/kWh)	10.162		9.363	8.834	8.806	9.047	
Peak kWh (¢/kWh)		10.703					15.268
Off-Peak kWh (¢/kWh)		8.419					8.518
Demand Charge (\$/kW) 1st 5kW						1.70	
Demand Charge (\$/kW) > 5 kW						1.70	



**Table F Spreadsheet Error Checking**

Total BGS Revenue (Excl SUT) - in \$1000

	<u>SC1</u>	<u>SC3</u>	<u>SC2 ND</u>	<u>SC4</u>	<u>SC6</u>	<u>SC2 Dem</u>
Summer	\$ 28,442	\$ 20	\$ 375	\$ 150	\$ 118	\$ 11,624
Winter	\$ 36,546	\$ 38	\$ 923	\$ 379	\$ 290	\$ 18,309
Total	\$ 64,988	\$ 58	\$ 1,298	\$ 529	\$ 408	\$ 29,933
Total Summer	\$ 40,729					
Winter	\$ 56,485					
Total	\$ 97,214					

Supplier Payments - in \$1000

Eastern Division

	<u>Total</u>	<u>Transmission</u>	<u>Net BGS</u>	
Summer	\$ 36,337	\$ -	\$ 36,337	5538
Winter	\$ 50,444	\$ -	\$ 50,444	11076
Total	\$ 86,781	\$ -	\$ 86,781	

Central/Western Division

	<u>Total</u>	<u>Transmission</u>	<u>Net BGS</u>
Summer	\$ 4,393	\$ -	\$ 4,393
Winter	\$ 6,042	\$ -	\$ 6,042
Total	\$ 10,435	\$ -	\$ 10,435

Total RECO FP

	<u>Total</u>	<u>Transmission</u>	<u>Net BGS</u>
Summer	\$ 40,730	\$ -	\$ 40,730
Winter	\$ 56,486	\$ -	\$ 56,486
Total	\$ 97,216	\$ -	\$ 97,216

Differences

	<u>BGS Revenue</u>	<u>BGS Costs</u>	<u>Difference</u>
Summer	\$ 40,729	\$ 40,730	\$ 1
Winter	\$ 56,485	\$ 56,486	\$ 1
Total	\$ 97,214	\$ 97,216	\$ 2

## Attachment D

Development of Capacity Proxy Price True-Up - \$/MWh  
Using 2024/2025 Illustrative Data for RECO

Using 2024/2025 Illustrative Data for RECO

	Capacity Proxy Price True-Up Development for Winning Suppliers from 2022 BGS-RSCP Auction 2024/25 Delivery Year	Capacity Proxy Price True-Up Development for Winning Suppliers from 2023 BGS-RSCP Auction 2024/25 Delivery Year	Notes:
1 Zonal Capacity Price (\$/MW-day)	\$58.23	\$58.23	Final Zonal net Load price
2 Capacity Proxy Price (\$/MW-day)	\$87.98	66.38	per Board Orders dated 11/17/2021 and 11/09/2022
3 Capacity Proxy Price True-Up - \$/MW-day	-\$29.75	-\$8.15	= line 1 - line 2
4 BGS-RSCP Gen Obl - MW	380.8	380.8	
5 Days in Year	365	365	
6 Capacity Proxy Price True-Up Annual Cost	-\$4,134,871	-\$1,132,746	= line 3 * line 4 * line 5
7 Eligible Tranches	1	2	from Table A
8 Total Tranches	4	4	from Table A
9 % of tranches eligible for payment	25.00%	50.00%	= line 7 / line 8
10 Capacity Proxy Price True-Up Cost	-\$1,033,718	-\$566,373	= line 6 * line 9
11 Total Applicable Customer Usage @ transmission nodes - in MWh	980,497	980,497	
12 Eligible Customer Usage @ transmission nodes - in MWh	245,124	490,248	= line 9 * line 11
13 Capacity Proxy Price True-Up - \$/MWh	<u><u>-\$4.22</u></u>	<u><u>-\$1.16</u></u>	= line 10/ line 12 - rounded to 2 decimal places