

March 18, 2025

**via Electronic Submission**

Sherri L. Lewis, Secretary  
Board of Public Utilities  
44 South Clinton Ave., 9<sup>th</sup> Floor  
PO Box 350  
Trenton, NJ 08625-0350  
board.secretary@bpu.nj.gov

RE: Jersey Central Power & Light Company  
Tariff Compliance Filing  
I/M/O The Provision of Basic Generation Service (BGS)  
For the Period Beginning June 1, 2025– Auction Results  
Docket No. ER24030191

Dear Secretary Lewis:

Pursuant to the New Jersey Board of Public Utilities (“Board”) Order dated February 12, 2025 in the above-referenced docket, approving the results of the Basic Generation Service (“BGS”) auction, enclosed for filing please find an electronic version of Jersey Central Power & Light Company’s (“JCP&L” or “Company”) compliance filing.

On February 12, 2025, the Board certified the final results of the BGS-RSCP and BGS-CIEP Auctions in their entirety and approved the closing prices for each electric distribution company (“EDC”). The EDCs were granted authorization to file the post-BGS Auction Tariff Sheets by March 18, 2025, one week after PJM posted the results of the Third Incremental RPM Auction (“3<sup>rd</sup> IA”) for the 2025/2026 delivery year.

This filing includes the following attachments:

**Attachment 1** – Proposed tariff sheets effective June 1, 2025, reflecting the final auctions results for BGS-RSCP and BGS-CIEP.

**Attachment 2** – The 2025 BGS Auction Cost and Bid Factor Tables for ratios used in developing Rider BGS-RSCP rates. These ratios were updated per JCP&L’s Company Specific Addendum Compliance Filing dated December 5, 2024.

**Attachment 3** – The calculation of the composite BGS-RSCP wholesale price based on the BPU approved auction results from 2023, 2024 and 2025’s BGS-RSCP auctions and the worksheet showing the derivation of the proposed Rider BGS-RSCP rates.

**Attachment 4** – The calculation of the BGS Capacity Cost (\$/kWh) for BGS-CIEP DCFC Accounts.

**Attachment 5** – The PJM Zonal Net Price for delivery year 2025/2026 used in calculation of Capacity Proxy Price True-up.

300 Madison Avenue  
Post Office Box 1911  
Morristown, New Jersey 07962-1911

In accordance with the Board's Order in Docket No. EO20030254, dated March 19, 2020, JCP&L is providing this filing by electronic mail only. No physical copies will follow. Please kindly confirm your receipt and acceptance of this filing by electronic mail at your earliest convenience.

Should you have any questions regarding this compliance filing, please do not hesitate to contact me.

Sincerely,



Mark A. Mader  
Director  
Rates & Regulatory Affairs - NJ

Enclosure

cc: (Electronic Mail)  
Service List

JERSEY CENTRAL POWER & LIGHT COMPANY

BPU No. 14 ELECTRIC - PART III

XX Rev. Sheet No. 41  
Superseding XX Rev. Sheet No. 41

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

Effective June 1, 2015, Rider BGS-FP (Basic Generation Service – Fixed Pricing) is renamed Rider BGS-RSCP to comply with the BPU Order dated November 24, 2014 (Docket No. ER14040370).

**AVAILABILITY:** Rider BGS-RSCP is available to and provides Basic Generation Service (default service) charges applicable to all KWH usage for Full Service Customers taking service at secondary voltages under Service Classifications RS, RT, RGT, GS, GST, OL, SVL, MVL, ISL and LED, except for GS and GST Customers that have a peak load share of 500 KW or greater as of **November 1, 2024**. Rider BGS-RSCP-eligible GS and GST Customers may elect to take default service under Rider BGS-CIEP no later than the second business day in January of each year. Such election will be effective June 1 of that year and Rider BGS-CIEP will remain the Customer’s default service for the entire 12-month period from June 1 through May 31 of the following year. BGS-RSCP-eligible Customers who have elected to take default service under BGS-CIEP may return to BGS-RSCP by notifying the Company no later than the second business day in January of each year. Such notification to return to BGS-RSCP will become effective June 1 of that year.

**RATE PER BILLING MONTH: (For service rendered effective **June 1, 2025** through **May 31, 2026**)**

**1) BGS Energy Charge per KWH:** (All charges include Sales and Use Tax as provided in Rider SUT.)

<u>Service Classification</u>	<u>June through September</u>	<u>October through May</u>
<b>RS</b> - first 600 KWH	<b>\$0.125888</b>	
- all KWH over 600	<b>\$0.135113</b>	
- all KWH		<b>\$0.136817</b>
(Excludes off-peak and controlled water heating special provisions)		
<b>RT</b> - all on-peak KWH	<b>\$0.176465</b>	<b>\$0.175992</b>
- all off-peak KWH	<b>\$0.092434</b>	<b>\$0.100009</b>
<b>RGT</b> - all on-peak KWH	<b>\$0.176465</b>	
- all off-peak KWH	<b>\$0.092434</b>	
- all KWH		<b>\$0.136817</b>
<b>RS and GS Water Heating</b> – all KWH	<b>\$0.128414</b>	<b>\$0.127822</b>
(For separately metered off-peak and controlled water heating usage under applicable special provisions)		
<b>GS</b> - all KWH	<b>\$0.124982</b>	<b>\$0.124626</b>
(Excludes off-peak and controlled water heating special provisions)		
<b>GST</b> - all on-peak KWH	<b>\$0.165577</b>	<b>\$0.159186</b>
- all off-peak KWH	<b>\$0.092789</b>	<b>\$0.101903</b>
<b>OL, SVL, MVL, ISL, LED</b> - all KWH	<b>\$0.101311</b>	<b>\$0.104743</b>

BGS Energy Charges above reflect costs for energy, generation capacity, ancillary services and related cost.

Issued:

Effective: **June 1, 2025**

Filed pursuant to Secretary’s Letter of Board of Public Utilities  
Docket No.      dated

Issued by William Douglas Mokoid, President  
300 Madison Avenue, Morristown, NJ 07962-1911

JERSEY CENTRAL POWER & LIGHT COMPANY

BPU No. 14 ELECTRIC - PART III

XX Rev. Sheet No. 43

Superseding XX Rev. Sheet No. 43

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

**AVAILABILITY:** Rider BGS-CIEP is available to and provides Basic Generation Service (default service) charges applicable to all Full Service Customers taking service at primary and transmission voltages under Service Classifications GP and GT and any Full Service Customers taking service at secondary voltages under Service Classifications GS and GST that have a peak load share of 500 KW or greater as of **November 1, 2024**, or that have elected to take BGS-CIEP service no later than the second business day in January of each year. All BGS-CIEP Customers remain subject to this Rider for the entire 12-month period from June 1 of any given year through May 31 of the following year.

**RATE PER BILLING MONTH:**

(For service rendered effective **June 1, 2025** through **May 31, 2026**)

**1) BGS Energy Charge per KWH:** The sum of actual real-time PJM load weighted average Residual Metered Load Aggregate Locational Marginal Price for JCP&L Transmission Zone and ancillary services of **\$0.00600** per KWH, times the Losses Multiplier provided below, times 1.06625 multiplier for Sales and Use Tax as provided in Rider SUT.

Losses Multiplier:	GT – High Tension Service	1.005
	GT	1.027
	GP	1.047
	GST	1.103
	GS	1.103

**2) BGS Capacity Charge per KW of Generation Obligation:** **\$0.62521** per KW-day times BGS-CIEP Customer's share of the capacity peak load assigned to the JCP&L Transmission Zone by the PJM Interconnection, L.L.C., as adjusted by PJM assigned capacity related factors, times 1.06625 multiplier for Sales and Use Tax as provided in Rider SUT.

**Alternative BGS Capacity Charge per KWH:** **\$0.052334** (includes Sales and Use Tax as provided in Rider SUT): For customer who operates Direct Current Fast Charging to serve electric vehicles only and who elects this one-time option before **June 1, 2025**.

**3) BGS Transmission Charge per KWH:** As provided in the respective tariff for Service Classifications GS, GST, GP and GT. Effective September 1, 2019, a RMR surcharge will be added to the BGS Transmission Charge applicable to all KWH usage, as follows (includes Sales and Use Tax as provided in Rider SUT):

GT – High Tension Service	<b>\$0.000000</b>
GT	<b>\$0.000000</b>
GP	<b>\$0.000000</b>
GS and GST	<b>\$0.000000</b>

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JERSEY CENTRAL POWER & LIGHT COMPANY

BPU No. 14 ELECTRIC - PART III

XX Rev. Sheet No. 45  
Superseding XX Rev. Sheet No. 45

**Rider CIEP – Standby Fee**  
**Commercial Industrial Energy Pricing Standby Fee**  
(Applicable to Service Classifications GP and GT and  
Certain Customers under Service Classifications GS and GST)

Effective June 1, 2007, Rider DSSAC (Default Supply Service Availability Charge) is renamed Rider CIEP – Standby Fee to comply with the BPU Order dated December 22, 2006 (Docket No. EO06020119).

**APPLICABILITY:** Rider CIEP – Standby Fee provides a charge applicable to all KWH usage of all Full Service Customers or Delivery Service Customers taking service under Service Classifications GP and GT and any Full Service Customer or Delivery Service Customer taking service under Service Classifications GS and GST that has a peak load share of 500 KW or greater as of **November 1, 2024**, or that has elected to take Basic Generation Service-Commercial Industrial Energy Pricing under Rider-CIEP no later than the second business day in January of each year. This charge is applicable for service rendered from **June 1, 2025** through **May 31, 2026** to recover costs associated with administrating and maintaining the availability of the hourly-priced default Basic Generation Service for these Customers.

**CIEP – Standby Fee per KWH: \$0.000150**

(\$0.000160 including Sales and Use Tax as provided in Rider SUT)

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**Jersey Central Power & Light  
Attachment 2  
2025 BGS Auction Cost and Bid Factor Tables**

**2023/2024 BGS Supply Period Estimated Supplier Payments Allocated by Rate Class**

**Development of Post Transition Period BGS Cost and Bid Factors  
Adjusted to Billing Time Periods**

**Table #1**

**% Usage During PJM On-Peak Period**

*Based on an average of 2021, 2022 and 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
	RT{1}	RS{2}	GS{3}	GST	OL/SL
<i>(data rounded to nearest .01 %)</i>					
January	44.99%	47.43%	52.46%	50.70%	31.56%
February	47.74%	50.42%	55.49%	54.02%	30.59%
March	50.47%	53.23%	58.88%	55.97%	31.75%
April	48.96%	51.00%	56.46%	54.92%	30.21%
May	45.22%	47.45%	54.67%	52.85%	28.60%
June	53.90%	54.60%	58.72%	58.00%	30.25%
July	50.47%	50.35%	54.39%	52.84%	26.24%
August	54.76%	55.16%	59.25%	57.05%	30.06%
September	48.97%	49.65%	56.68%	55.36%	29.98%
October	47.66%	49.88%	55.96%	53.83%	31.24%
November	47.15%	50.15%	56.21%	54.13%	32.18%
December	48.38%	49.41%	54.91%	53.99%	32.46%

**Table #2**

**% Usage During JCP&L On-Peak Billing Period**

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

	2024 Forecasted			2024 Forecasted	
	Calendar Month Sales RT{1}	N/A RS{2}	N/A GS{3}	Calendar Month Sales GST	N/A OL/SL
<i>(data rounded to nearest .01 %)</i>					
January	35.58%	----	----	41.98%	----
February	34.81%	----	----	41.29%	----
March	34.72%	----	----	41.34%	----
April	35.63%	----	----	41.75%	----
May	37.99%	----	----	42.45%	----
June	40.87%	----	----	44.05%	----
July	42.47%	----	----	45.09%	----
August	42.87%	----	----	44.39%	----
September	41.77%	----	----	44.66%	----
October	38.54%	----	----	44.49%	----
November	36.20%	----	----	43.33%	----
December	35.90%	----	----	42.05%	----

{1} For BGS purposes the RT rate class includes the RS and GS rate class Off-Peak (OPWH) and Controlled Water Heating (CTWH) provisions. The RT rate class also includes the summer billing month RGT rate class usage. OPWH and CTWH is billed on the average RT rates, while RT and Summer RGT use is billed at on-peak and off-peak rates.

{2} For BGS purposes the RS rate class excludes the Off-Peak and Controlled Water Heating provisions and includes the winter billing month RGT rate class usage

{3} For BGS purposes the GS rate class excludes the Off-Peak and Controlled Water Heating provisions

**Jersey Central Power & Light  
Attachment 2**

**Table #3** **Class Usage @ customer**  
calendar month sales forecasted for 2025  
in MWh

	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL	Total
January	19,545	859,458	516,406	13,746	10,868	1,420,023
February	19,009	790,746	510,211	12,919	10,853	1,343,738
March	16,976	719,765	512,519	7,866	10,839	1,267,965
April	14,721	654,965	460,279	10,839	10,825	1,151,629
May	11,903	604,152	408,919	5,441	10,810	1,041,225
June	12,918	750,665	456,260	9,858	10,796	1,240,497
July	15,382	1,023,677	490,453	5,709	10,782	1,546,003
August	16,887	1,168,710	542,555	9,638	10,768	1,748,558
September	14,726	997,530	507,178	7,345	10,753	1,537,532
October	10,806	687,325	431,759	6,567	10,739	1,147,196
November	11,801	627,977	400,452	6,999	10,725	1,057,954
December	16,534	755,134	436,100	9,377	10,696	1,227,841
Total	181,208	9,640,104	5,673,091	106,304	129,454	15,730,161

**Table #4** **Forwards Prices - Energy Only @ bulk system**  
in \$/MWh

	Initial On-Peak	Adjusted On-Peak	Initial Off-Peak	Adjusted Off-Peak
January	105.85	188.185	35.019	62.259
February	98.35	174.852	33.005	58.678
March	56.95	101.249	26.767	47.588
April	50.35	89.515	23.491	41.763
May	50.45	89.693	23.885	42.464
June	59.30	116.717	20.359	40.072
July	77.45	152.441	24.478	48.179
August	68.60	135.022	22.401	44.091
September	55.65	109.533	21.229	41.784
October	49.80	88.537	23.806	42.323
November	52.90	94.048	24.043	42.745
December	69.95	124.361	25.701	45.693

**Table #5** **Zone-Hub Basis Differential**  
Based on 3 Year Average

	On-Peak	Off-Peak
January	84%	90%
February	84%	90%
March	84%	90%
April	84%	90%
May	84%	90%
June	83%	90%
July	83%	90%
August	83%	90%
September	83%	90%
October	84%	90%
November	84%	90%
December	84%	90%

**Table #6**

Losses	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL
Loss Factors =	10.5545%	10.5545%	10.5545%	10.5545%	10.5545%
Expansion Factor =	1.11800	1.11800	1.11800	1.11800	1.11800
Loss Factors from Transmission Nodes =	9.7690%	9.7690%	9.7690%	9.7690%	9.7690%
Expansion Factor to Transmission Nodes =	1.10827	1.10827	1.10827	1.10827	1.10827

{4} The GS and GST units exclude the units associated with the 500 kW and above PLS accounts that will be required to take service under BGS-CIEP

**Jersey Central Power & Light  
Attachment 2**

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

		RT{1}	RS{2}	GS{3}	GST {4}	OL/SL	
Summer - all hrs		\$ 83.650	\$ 84.099	\$ 87.105	\$ 85.090	\$ 65.533	
	PJM on pk	\$ 120.359	\$ 120.589	\$ 119.441	\$ 117.692	\$ 118.745	
	PJM off pk	\$ 43.802	\$ 43.914	\$ 43.745	\$ 43.228	\$ 43.659	
Winter - all hrs		\$ 81.701	\$ 81.657	\$ 84.562	\$ 87.675	\$ 67.905	
	PJM on pk	\$ 116.993	\$ 114.482	\$ 112.984	\$ 119.974	\$ 111.647	
	PJM off pk	\$ 49.639	\$ 49.032	\$ 48.924	\$ 50.296	\$ 48.187	
Annual		\$ 82.345	\$ 82.655	\$ 85.457	\$ 86.884	\$ 67.115	
System Total	\$	83.56					

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

		RT{1}	RS{2}	GS{3}	GST {4}	OL/SL	Total
Summer - all hrs		\$ 5,012	\$ 331,398	\$ 173,901	\$ 2,770	\$ 2,824	\$ 515,904
	PJM on pk	\$ 3,753	\$ 249,043	\$ 136,593	\$ 2,154	\$ 1,491	\$ 393,034
	PJM off pk	\$ 1,258	\$ 82,355	\$ 37,307	\$ 616	\$ 1,334	\$ 122,871
Winter - all hrs		\$ 9,910	\$ 465,406	\$ 310,903	\$ 6,466	\$ 5,864	\$ 798,549
	PJM on pk	\$ 6,755	\$ 325,250	\$ 231,096	\$ 4,747	\$ 2,996	\$ 570,844
	PJM off pk	\$ 3,155	\$ 140,156	\$ 79,807	\$ 1,720	\$ 2,868	\$ 227,706
Annual		\$ 14,922	\$ 796,804	\$ 484,803	\$ 9,236	\$ 8,688	\$ 1,314,453
System Total	\$	1,314,453					



**Jersey Central Power & Light  
Attachment 2**

**Table #9 Summary of Average BGS Energy Only Unit Costs @ customer - JCP&L Time Periods**  
based on Forwards prices corrected for zone-hub differential and losses - JCP&L billing time periods  
in \$/MWh

	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL
Summer - all hrs	\$ 83.650	\$ 84.099	\$ 87.105	\$ 85.090	\$ 65.533
JCP&L On pk	\$ 129.454			\$ 127.528	
JCP&L Off pk	\$ 50.392			\$ 51.104	
Winter - all hrs	\$ 81.701	\$ 81.657	\$ 84.562	\$ 87.675	\$ 67.905
JCP&L On pk	\$ 128.299			\$ 129.473	
JCP&L Off pk	\$ 55.547			\$ 57.218	
Annual Average	\$ 82.345	\$ 82.655	\$ 85.457	\$ 86.884	\$ 67.115
System Average	\$ 83.56				

**Table #10 Generation & Transmission Obligations and Costs and Other Adjustments**

obligations - annual average forecasted for 2025; costs are market estimates  
in MW

	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL	BGS-RSCP TOTAL
Gen Obl - MW	49.0	3,700.6	1,169.7	21.2	0.1	4,940.6
Trans Obl - MW	Not applicable for JCP&L - Transmission rates are based on Retail Tariff rates for the respective rate classes					
# 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 charges will be based on Retail Tariff rates for the applicable rate schedules						

	Initial	Adjusted			
Generation Capacity cost	Summer \$ 50.96	90.599 \$/MW/day	Summer Total \$	54,608,406	
	Winter \$ 50.96	90.599 \$/MW/day	Winter Total \$	108,769,202	
			Annual Total \$	163,377,608	8%
Residential summer BGS + Transmission charge differential per BPU and summer blocking percentages					

	Charges	Rate	% usage
Block 1 (0-600 kWh/m)			49.53%
Block 2 (>600 kWh/m)			50.47%
Differential (Excl. SUT)	0.8652 ¢/kWh		

**Table #11 Ancillary Services**

	Initial	Adjusted
Forecasted Ancillary Services Cost	\$2.00	\$/MWh
Renewable Portfolio Standard Cost	\$16.92	\$/MWh
forecasted overall annual average	\$18.92	\$33.637 \$/MWh

**Table #12 Summary of Obligation Costs Expressed as \$/MWh @ customer**

	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL
Transmission Obl - all months	\$ -	\$ -	\$ -	\$ -	\$ -
Generation Obl \$/MWh - all months	\$ 8.948	\$ 12.694	\$ 6.818	\$ 6.599	\$ 0.013
Generation Obl \$/MWh - Summer - All Hours	\$ 9.046	\$ 10.380	\$ 6.476	\$ -	\$ 0.013
Generation Obl \$/MWh - Summer - On-Peak Hours	\$ 21.505			\$ 16.199	
Generation Obl \$/MWh - Winter - All Hours	\$ 8.900	\$ 14.294	\$ 7.004	\$ -	\$ 0.013
Generation Obl \$/MWh - Winter - On-Peak Hours	\$ 24.757			\$ 15.023	

**Jersey Central Power & Light  
Attachment 2**

**Table #13 Summary of BGS Unit Costs @ customer**

**NON-DEMAND RATES**

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

	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL
Summer - all hrs	\$ 130.30	\$ 132.08	\$ 131.19		\$ 103.15
JCP&L On pk	\$ 188.57			\$ 181.33	
JCP&L Off pk	\$ 88.00			\$ 88.71	
Block 1 (0-600 kWh/m)		\$ 127.72			
Block 2 (>600 kWh/m)		\$ 136.37			
Winter - all hrs	\$ 128.21	\$ 133.56	\$ 129.17		\$ 105.52
JCP&L On pk	\$ 190.66			\$ 182.10	
JCP&L Off pk	\$ 93.15			\$ 94.82	
Annual -all hrs	\$ 128.90	\$ 132.96	\$ 129.88	\$ 131.09	\$ 104.73

**DEMAND RATES**

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

**JCP&L does not have a demand component in its BGS charges**

**Jersey Central Power & Light  
Attachment 2**

**Table #14**

**Units @ Customer**  
in kWh

	<b>RT{1}</b>	<b>RS{2}</b>	<b>GS{3}</b>	<b>GST {4}</b>	<b>OL/SL</b>	
Summer - all hrs	1,850,849		1,996,446,000			43,099,000
JCP&L On pk	24,425,565			14,475,222		
JCP&L Off pk	33,636,586			18,074,778		
Block 1 (0-600 kWh/m)		1,951,634,000				
Block 2 (>600 kWh/m)		1,988,948,000				
Winter - all hrs	4,735,739	5,699,522,000	3,676,645,000			86,355,000
JCP&L On pk	41,897,992			31,088,971		
JCP&L Off pk	74,661,269			42,665,029		
Summer Total	59,913,000	3,940,582,000	1,996,446,000	32,550,000		43,099,000
Winter Total	<u>121,295,000</u>	<u>5,699,522,000</u>	<u>3,676,645,000</u>	<u>73,754,000</u>		<u>86,355,000</u>
Annual Total	181,208,000	9,640,104,000	5,673,091,000	106,304,000		129,454,000
						<b>Total</b>
						6,072,590,000
						<u>9,657,571,000</u>
						15,730,161,000

**Table #15**

**Summary of Total Estimated BGS Costs by Season**

	<b>RT{1}</b>	<b>RS{2}</b>	<b>GS{3}</b>	<b>GST {4}</b>	<b>OL/SL</b>	<b>Total</b>
Total Costs by Rate - in \$1000						
Summer - all hrs	\$ 241		\$ 261,908		\$ 4,446	
JCP&L On pk	\$ 4,606			\$ 2,625		
JCP&L Off pk	\$ 2,960			\$ 1,603		
Block 1 (0-600 kWh/m)		\$ 249,258				
Block 2 (>600 kWh/m)		\$ 271,232				
Winter - all hrs	\$ 607	\$ 761,213	\$ 474,919		\$ 9,112	
JCP&L On pk	\$ 7,988			\$ 5,661		
JCP&L Off pk	\$ 6,955			\$ 4,046		
Total Costs - in \$1000						
Summer	\$ 7,807	\$ 520,491	\$ 261,908	\$ 4,228	\$ 4,446	\$ 798,880
Winter	\$ 15,550	\$ 761,213	\$ 474,919	\$ 9,707	\$ 9,112	\$ 1,270,502
Total	\$ 23,357	\$ 1,281,704	\$ 736,827	\$ 13,935	\$ 13,558	\$ 2,069,381
% of Annual Total \$						
Summer	33%	41%	36%	30%	33%	39%
Winter	67%	59%	64%	70%	67%	61%

**Jersey Central Power & Light  
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**Table #16 Customer & Bulk System Costs**

**Customer Costs Per Allocation Matrix**

Grand Total Cost in \$1000 = \$ 2,069,381

Seasonal Units	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL	Total
Summer	66,983	4,405,568	2,232,025	36,391	48,185	6,789,152
Winter	135,608	6,372,061	4,110,486	82,457	96,545	10,797,157

**Supplier Payment in \$1000**

	Seasonal Factor	Price per MWh	Units	Payment
<b>2023 Auction with Capacity Proxy True-Up</b>		117.670		
Seasonally Adjusted Summer Payment	1.0000	117.670	6,789,152	\$ 798,880
Seasonally Adjusted Winter Payment	1.0000	117.670	10,797,157	\$ 1,270,501
<b>Total Supplier Payment</b>				\$ 2,069,381

**Table #17 Adjustment Factor Calculation**

Allocated Customer Costs on a per MWh basis (on bulk system MWhs):	Seasonal Supplier Payment	Adjustment Factor Calculation	Adjustment Factor
Summer \$ 117.67 per MWh @ bulk system	117.67	1.0000	1.968250
Winter \$ 117.67 per MWh @ bulk system	117.67	1.0000	1.777850

**Assumptions:**

- Generation Capacity Cost = \$ 90.60 per MW day Summer
- \$ 90.60 per MW day Winter
- Transmission cost = Zero, as Transmission product will be excluded from BGS product starting June 1, 2021.
- Analysis time period = 4 summer months
- 8 winter months
- Ancillary Services = \$ 33.64 per MWh
- Energy Costs = Based on Forwards prices @ PJM West corrected for hub-zone basis differential (both based on the figures used to derive the Bid Factors and establish retail rates in Post Transition Year 21 and adjusted to match the total cost at the actual supplier bid price.
- Usage patterns = forecasted 2024 energy use by class based upon PJM on/off % from 2021 through 2023 class load profiles
- JCP&L billing on/off % from 2024 forecasted billing determinants
- Obligations = class totals for 2025 excluding accounts required to take service under BGS-CIEP as of June 1, 2025
- Losses = Consistent with Losses as approved by the BPU
- PJM Time Periods = PJM trading time periods - 7 AM to 11 PM weekdays, local time, excluding NERC holidays - New Year's, Memorial, 4th of July, Labor Day, Thanksgiving & Christmas
- JCP&L Billing time periods = RT On-peak hours are 8 am to 8 pm Eastern Standard Time, Monday through Friday.
- GST On-peak hours are 8 am to 8 pm prevailing time, Monday through Friday.
- The Holidays identified by PJM are not excluded from the RT or GST Billing On-Peak kWh.
- NJ Sales and Use Tax (SUT) = SUT excluded from all costs

**Jersey Central Power & Light  
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2025 BGS Auction Cost and Bid Factor Tables**

**2024/2025 BGS Supply Period Estimated Supplier Payments Allocated by Rate Class**

**Development of Post Transition Period BGS Cost and Bid Factors  
Adjusted to Billing Time Periods**

**Table #1**

**% Usage During PJM On-Peak Period**

*Based on an average of 2021, 2022 and 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	Profile Meter Data	Profile Meter Data	Other Analysis
	RT{1}	RS{2}	GS{3}	GST	OL/SL
<i>(data rounded to nearest .01 %)</i>					
January	44.99%	47.43%	52.46%	50.70%	31.56%
February	47.74%	50.42%	55.49%	54.02%	30.59%
March	50.47%	53.23%	58.88%	55.97%	31.75%
April	48.96%	51.00%	56.46%	54.92%	30.21%
May	45.22%	47.45%	54.67%	52.85%	28.60%
June	53.90%	54.60%	58.72%	58.00%	30.25%
July	50.47%	50.35%	54.39%	52.84%	26.24%
August	54.76%	55.16%	59.25%	57.05%	30.06%
September	48.97%	49.65%	56.68%	55.36%	29.98%
October	47.66%	49.88%	55.96%	53.83%	31.24%
November	47.15%	50.15%	56.21%	54.13%	32.18%
December	48.38%	49.41%	54.91%	53.99%	32.46%

**Table #2**

**% Usage During JCP&L On-Peak Billing Period**

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

	2024 Forecasted Calendar Month Sales	N/A	N/A	2024 Forecasted Calendar Month Sales	N/A
	RT{1}	RS{2}	GS{3}	GST	OL/SL
<i>(data rounded to nearest .01 %)</i>					
January	35.58%	----	----	41.98%	----
February	34.81%	----	----	41.29%	----
March	34.72%	----	----	41.34%	----
April	35.63%	----	----	41.75%	----
May	37.99%	----	----	42.45%	----
June	40.87%	----	----	44.05%	----
July	42.47%	----	----	45.09%	----
August	42.87%	----	----	44.39%	----
September	41.77%	----	----	44.66%	----
October	38.54%	----	----	44.49%	----
November	36.20%	----	----	43.33%	----
December	35.90%	----	----	42.05%	----

{1} For BGS purposes the RT rate class includes the RS and GS rate class Off-Peak (OPWH) and Controlled Water Heating (CTWH) provisions. The RT rate class also includes the summer billing month RGT rate class usage. OPWH and CTWH is billed on the average RT rates, while RT and Summer RGT use is billed at on-peak and off-peak rates.

{2} For BGS purposes the RS rate class excludes the Off-Peak and Controlled Water Heating provisions and includes the winter billing month RGT rate class usage

{3} For BGS purposes the GS rate class excludes the Off-Peak and Controlled Water Heating provisions

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**Table #3** **Class Usage @ customer**  
calendar month sales forecasted for 2025  
in MWh

	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL	Total
January	19,545	859,458	516,406	13,746	10,868	1,420,023
February	19,009	790,746	510,211	12,919	10,853	1,343,738
March	16,976	719,765	512,519	7,866	10,839	1,267,965
April	14,721	654,965	460,279	10,839	10,825	1,151,629
May	11,903	604,152	408,919	5,441	10,810	1,041,225
June	12,918	750,665	456,260	9,858	10,796	1,240,497
July	15,382	1,023,677	490,453	5,709	10,782	1,546,003
August	16,887	1,168,710	542,555	9,638	10,768	1,748,558
September	14,726	997,530	507,178	7,345	10,753	1,537,532
October	10,806	687,325	431,759	6,567	10,739	1,147,196
November	11,801	627,977	400,452	6,999	10,725	1,057,954
December	16,534	755,134	436,100	9,377	10,696	1,227,841
Total	181,208	9,640,104	5,673,091	106,304	129,454	15,730,161

**Table #4** **Forwards Prices - Energy Only @ bulk system**  
in \$/MWh

	Initial On-Peak	Adjusted On-Peak	Initial Off-Peak	Adjusted Off-Peak
January	61.55	96.68	51.86	81.45
February	55.70	87.49	48.61	76.36
March	48.20	75.71	34.88	54.79
April	45.50	71.47	31.48	49.46
May	47.90	75.24	31.56	49.58
June	45.25	77.67	29.64	50.88
July	59.80	102.64	33.95	58.28
August	53.90	92.52	31.78	54.55
September	46.20	79.30	30.38	52.14
October	44.45	69.82	34.76	54.61
November	45.95	72.18	35.96	56.48
December	52.15	81.92	37.73	59.27

**Table #5** **Zone-Hub Basis Differential**  
Based on 3 Year Average

On-Peak	Off-Peak
83%	90%
83%	90%
83%	90%
83%	90%
83%	90%
84%	90%
84%	90%
84%	90%
84%	90%
83%	90%
83%	90%
83%	90%

**Table #6**

Losses	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL
Loss Factors =	10.5545%	10.5545%	10.5545%	10.5545%	10.5545%
Expansion Factor =	1.11800	1.11800	1.11800	1.11800	1.11800
Loss Factors from Transmission Nodes =	9.7013%	9.7013%	9.7013%	9.7013%	9.7013%
Expansion Factor to Transmission Nodes =	1.10744	1.10744	1.10744	1.10744	1.10744

{4} The GS and GST units exclude the units associated with the 500 kW and above PLS accounts that will be required to take service under BGS-CIEP

**Jersey Central Power & Light  
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**Table #7**      **Summary of Average BGS Energy Only Unit Costs @ customer - PJM Time Periods**  
*based on Forwards prices corrected for zone-hub differential and losses - PJM time periods*  
*in \$/MWh*

		RT{1}	RS{2}	GS{3}	GST {4}	OL/SL	
Summer - all hrs		\$ 69.358	\$ 69.638	\$ 70.527	\$ 69.248	\$ 62.364	
	PJM on pk	\$ 83.164	\$ 83.409	\$ 82.612	\$ 81.235	\$ 82.110	
	PJM off pk	\$ 54.373	\$ 54.473	\$ 54.321	\$ 53.856	\$ 54.246	
Winter - all hrs		\$ 67.992	\$ 67.602	\$ 67.965	\$ 69.495	\$ 64.294	
	PJM on pk	\$ 74.091	\$ 73.502	\$ 73.161	\$ 74.612	\$ 72.902	
	PJM off pk	\$ 62.452	\$ 61.738	\$ 61.449	\$ 63.575	\$ 60.414	
Annual		\$ 68.444	\$ 68.435	\$ 68.866	\$ 69.420	\$ 63.651	
System Total	\$	68.56					

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

		RT{1}	RS{2}	GS{3}	GST {4}	OL/SL	Total
Summer - all hrs		\$ 4,155	\$ 274,416	\$ 140,803	\$ 2,254	\$ 2,688	\$ 424,316
	PJM on pk	\$ 2,593	\$ 172,258	\$ 94,476	\$ 1,487	\$ 1,031	\$ 271,845
	PJM off pk	\$ 1,562	\$ 102,158	\$ 46,327	\$ 768	\$ 1,657	\$ 152,471
Winter - all hrs		\$ 8,247	\$ 385,301	\$ 249,883	\$ 5,126	\$ 5,552	\$ 654,108
	PJM on pk	\$ 4,278	\$ 208,823	\$ 149,644	\$ 2,952	\$ 1,956	\$ 367,653
	PJM off pk	\$ 3,969	\$ 176,478	\$ 100,239	\$ 2,174	\$ 3,596	\$ 286,455
Annual		\$ 12,403	\$ 659,717	\$ 390,686	\$ 7,380	\$ 8,240	\$ 1,078,425
System Total	\$	1,078,425					

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**Table #9 Summary of Average BGS Energy Only Unit Costs @ customer - JCP&L Time Periods**  
based on Forwards prices corrected for zone-hub differential and losses - JCP&L billing time periods  
in \$/MWh

	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL
Summer - all hrs	\$ 69.358	\$ 69.638	\$ 70.527	\$ 69.248	\$ 62.364
JCP&L On pk	\$ 86.589			\$ 84.851	
JCP&L Off pk	\$ 56.847			\$ 56.752	
Winter - all hrs	\$ 67.992	\$ 67.602	\$ 67.965	\$ 69.495	\$ 64.294
JCP&L On pk	\$ 75.807			\$ 76.116	
JCP&L Off pk	\$ 63.606			\$ 64.671	
Annual Average	\$ 68.444	\$ 68.435	\$ 68.866	\$ 69.420	\$ 63.651
System Average	\$ 68.56				

**Table #10 Generation & Transmission Obligations and Costs and Other Adjustments**  
obligations - annual average forecasted for 2025; costs are market estimates  
in MW

	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL	BGS-RSCP TOTAL
Gen Obl - MW	49.0	3,700.6	1,169.7	21.2	0.1	4,940.6

Trans Obl - MW Not applicable for JCP&L - Transmission rates are based on Retail Tariff rates for the respective rate classes

# 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 charges will be based on Retail Tariff rates for the applicable rate schedules

	Summer	Initial	Adjusted	Summer Total	Winter Total	Annual Total	
Generation Capacity cost	\$ 54.50	\$ 54.50	85.608 \$/MW/day	\$ 51,600,089	\$ 102,777,226	\$ 154,377,315	8%

Residential summer BGS + Transmission charge differential  
per BPU and summer blocking percentages

	Charges	Rate	% usage
Block 1 (0-600 kWh/m)			49.53%
Block 2 (>600 kWh/m)			50.47%
Differential (Excl. SUT)	0.8652 ¢/kWh		

**Table #11 Ancillary Services**

	Initial	Adjusted
Forecasted Ancillary Services Cost	\$2.00	
Renewable Portfolio Standard Cost	\$20.88	
forecasted overall annual average	\$22.88	35.940 \$/MWh

**Table #12 Summary of Obligation Costs Expressed as \$/MWh @ customer**

	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL
Transmission Obl - all months	\$ -	\$ -	\$ -	\$ -	\$ -
Generation Obl \$/MWh - all months	\$ 8.455	\$ 11.995	\$ 6.443	\$ 6.236	\$ 0.012
Generation Obl \$/MWh - Summer - All Hours	\$ 8.548	\$ 9.808	\$ 6.119	\$ -	\$ 0.012
Generation Obl \$/MWh - Summer - On-Peak Hours	\$ 20.320			\$ 15.306	
Generation Obl \$/MWh - Winter - All Hours	\$ 8.410	\$ 13.507	\$ 6.618	\$ -	\$ 0.012
Generation Obl \$/MWh - Winter - On-Peak Hours	\$ 23.393			\$ 14.195	



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**Table #13 Summary of BGS Unit Costs @ customer**

**NON-DEMAND RATES**

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

	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL
Summer - all hrs	\$ 118.09	\$ 119.63	\$ 116.83		\$ 102.56
JCP&L On pk	\$ 147.09			\$ 140.34	
JCP&L Off pk	\$ 97.03			\$ 96.93	
Block 1 (0-600 kWh/m)		\$ 115.26			
Block 2 (>600 kWh/m)		\$ 123.91			
Winter - all hrs	\$ 116.58	\$ 121.29	\$ 114.76		\$ 104.49
JCP&L On pk	\$ 139.38			\$ 130.49	
JCP&L Off pk	\$ 103.79			\$ 104.85	
Annual -all hrs	\$ 117.08	\$ 120.61	\$ 115.49	\$ 115.84	\$ 103.84

**DEMAND RATES**

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

**JCP&L does not have a demand component in its BGS charges**

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**Table #14**

**Units @ Customer**  
in kWh

	<b>RT{1}</b>	<b>RS{2}</b>	<b>GS{3}</b>	<b>GST {4}</b>	<b>OL/SL</b>	
Summer - all hrs	1,850,849		1,996,446,000			43,099,000
JCP&L On pk	24,425,565			14,475,222		
JCP&L Off pk	33,636,586			18,074,778		
Block 1 (0-600 kWh/m)		1,951,634,000				
Block 2 (>600 kWh/m)		1,988,948,000				
Winter - all hrs	4,735,739	5,699,522,000	3,676,645,000			86,355,000
JCP&L On pk	41,897,992			31,088,971		
JCP&L Off pk	74,661,269			42,665,029		
Summer Total	59,913,000	3,940,582,000	1,996,446,000	32,550,000		43,099,000
Winter Total	<u>121,295,000</u>	<u>5,699,522,000</u>	<u>3,676,645,000</u>	<u>73,754,000</u>		<u>86,355,000</u>
Annual Total	<u>181,208,000</u>	<u>9,640,104,000</u>	<u>5,673,091,000</u>	<u>106,304,000</u>		<u>129,454,000</u>
						<b>Total</b>
						6,072,590,000
						<u>9,657,571,000</u>
						15,730,161,000

**Table #15**

**Summary of Total Estimated BGS Costs by Season**

	<b>RT{1}</b>	<b>RS{2}</b>	<b>GS{3}</b>	<b>GST {4}</b>	<b>OL/SL</b>	<b>Total</b>
Total Costs by Rate - in \$1000						
Summer - all hrs	\$ 219		\$ 233,239		\$ 4,420	
JCP&L On pk	\$ 3,593			\$ 2,031		
JCP&L Off pk	\$ 3,264			\$ 1,752		
Block 1 (0-600 kWh/m)		\$ 224,946				
Block 2 (>600 kWh/m)		\$ 246,455				
Winter - all hrs	\$ 552	\$ 691,295	\$ 421,946		\$ 9,023	
JCP&L On pk	\$ 5,840			\$ 4,057		
JCP&L Off pk	\$ 7,749			\$ 4,474		
Total Costs - in \$1000						
Summer	\$ 7,075	\$ 471,401	\$ 233,239	\$ 3,783	\$ 4,420	\$ 719,919
Winter	\$ 14,141	\$ 691,295	\$ 421,946	\$ 8,530	\$ 9,023	\$ 1,144,935
Total	\$ 21,216	\$ 1,162,696	\$ 655,185	\$ 12,314	\$ 13,443	\$ 1,864,854
% of Annual Total \$						
Summer	33%	41%	36%	31%	33%	39%
Winter	67%	59%	64%	69%	67%	61%

**Jersey Central Power & Light  
Attachment 2**

**Table #16 Customer & Bulk System Costs**

**Customer Costs Per Allocation Matrix**

Grand Total Cost in \$1000 = \$ 1,864,854

Seasonal Units	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL	Total
Summer	66,983	4,405,568	2,232,025	36,391	48,185	6,789,152
Winter	135,608	6,372,061	4,110,486	82,457	96,545	10,797,157

**Supplier Payment in \$1000**

**2024 Auction with Capacity Proxy True-Up**

	Seasonal Factor	Price per MWh	Units	Payment
Seasonally Adjusted Summer Payment	1.0000	106.040	6,789,152	\$ 719,922
Seasonally Adjusted Winter Payment	1.0000	106.040	10,797,157	\$ 1,144,931
<b>Total Supplier Payment</b>				<b>\$ 1,864,853</b>

**Table #17 Adjustment Factor Calculation**

Allocated Customer Costs on a per MWh basis (on bulk system MWhs):	Seasonal Supplier Payment	Adjustment Factor Calculation	Adjustment Factor
Summer \$ 106.04 per MWh @ bulk system	106.04	1.0000	1.716450
Winter \$ 106.04 per MWh @ bulk system	106.04	1.0000	1.570783

**Assumptions:**

- Generation Capacity Cost = \$ 85.61 per MW day Summer
- \$ 85.61 per MW day Winter
- Transmission cost = Zero, as Transmission product will be excluded from BGS product starting June 1, 2021.
- Analysis time period = 4 summer months
- 8 winter months
- Ancillary Services = \$ 35.94 per MWh
- Energy Costs = Based on Forwards prices @ PJM West corrected for hub-zone basis differential (both based on the figures used to derive the Bid Factors and establish retail rates in Post Transition Year 22 and adjusted to match the total cost at the actual supplier bid price.
- Usage patterns = forecasted 2024 energy use by class based upon PJM on/off % from 2021 through 2023 class load profiles
- JCP&L billing on/off % from 2024 forecasted billing determinants
- Obligations = class totals for 2025 excluding accounts required to take service under BGS-CIEP as of June 1, 2025
- Losses = Consistent with Losses as approved by the BPU
- PJM Time Periods = PJM trading time periods - 7 AM to 11 PM weekdays, local time, excluding NERC holidays - New Year's, Memorial, 4th of July, Labor Day, Thanksgiving & Christmas
- JCP&L Billing time periods = RT On-peak hours are 8 am to 8 pm Eastern Standard Time, Monday through Friday.
- GST On-peak hours are 8 am to 8 pm prevailing time, Monday through Friday.
- The Holidays identified by PJM are not excluded from the RT or GST Billing On-Peak kWh.
- NJ Sales and Use Tax (SUT) = SUT excluded from all costs

**Jersey Central Power & Light  
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2025 BGS Auction Cost and Bid Factor Tables**

**2025/2026 BGS Supply Period Estimated Supplier Payments Allocated by Rate Class**

**Development of Post Transition Period BGS Cost and Bid Factors  
Adjusted to Billing Time Periods**

**Table #1**

**% Usage During PJM On-Peak Period**

*Based on an average of 2021,2022 and 2023 Load Profile Information*

*On-Peak periods defined as the 16 hr PJM Trading period, adj for NERC holidays*

	Profile Meter			Profile Meter	
	Data RT{1}	Profile Meter Data RS{2}	Profile Meter Data GS{3}	Data GST	Other Analysis OL/SL
(data rounded to nearest .01 %)					
January	44.99%	47.43%	52.46%	50.70%	31.56%
February	47.74%	50.42%	55.49%	54.02%	30.59%
March	50.47%	53.23%	58.88%	55.97%	31.75%
April	48.96%	51.00%	56.46%	54.92%	30.21%
May	45.22%	47.45%	54.67%	52.85%	28.60%
June	53.90%	54.60%	58.72%	58.00%	30.25%
July	50.47%	50.35%	54.39%	52.84%	26.24%
August	54.76%	55.16%	59.25%	57.05%	30.06%
September	48.97%	49.65%	56.68%	55.36%	29.98%
October	47.66%	49.88%	55.96%	53.83%	31.24%
November	47.15%	50.15%	56.21%	54.13%	32.18%
December	48.38%	49.41%	54.91%	53.99%	32.46%

**Table #2**

**% Usage During JCP&L On-Peak Billing Period**

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

	2024 Forecasted Calendar Month Sales			2024 Forecasted Calendar Month Sales	
	RT{1}	N/A RS{2}	N/A GS{3}	GST	N/A OL/SL
(data rounded to nearest .01 %)					
January	35.58%	----	----	41.98%	----
February	34.81%	----	----	41.29%	----
March	34.72%	----	----	41.34%	----
April	35.63%	----	----	41.75%	----
May	37.99%	----	----	42.45%	----
June	40.87%	----	----	44.05%	----
July	42.47%	----	----	45.09%	----
August	42.87%	----	----	44.39%	----
September	41.77%	----	----	44.66%	----
October	38.54%	----	----	44.49%	----
November	36.20%	----	----	43.33%	----
December	35.90%	----	----	42.05%	----

{1} For BGS purposes the RT rate class includes the RS and GS rate class Off-Peak (OPWH) and Controlled Water Heating (CTWH) provisions. The RT rate class also includes the summer billing month RGT rate class usage. OPWH and CTWH is billed on the average RT rates, while RT and Summer RGT use is billed at on-peak and off-peak rates.

{2} For BGS purposes the RS rate class excludes the Off-Peak and Controlled Water Heating provisions and includes the winter billing month RGT rate class usage

{3} For BGS purposes the GS rate class excludes the Off-Peak and Controlled Water Heating provisions

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**Table #3** **Class Usage @ customer**  
calendar month sales forecasted for 2025  
in MWh

	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL	Total
January	19,545	859,458	516,406	13,746	10,868	1,420,023
February	19,009	790,746	510,211	12,919	10,853	1,343,738
March	16,976	719,765	512,519	7,866	10,839	1,267,965
April	14,721	654,965	460,279	10,839	10,825	1,151,629
May	11,903	604,152	408,919	5,441	10,810	1,041,225
June	12,918	750,665	456,260	9,858	10,796	1,240,497
July	15,382	1,023,677	490,453	5,709	10,782	1,546,003
August	16,887	1,168,710	542,555	9,638	10,768	1,748,558
September	14,726	997,530	507,178	7,345	10,753	1,537,532
October	10,806	687,325	431,759	6,567	10,739	1,147,196
November	11,801	627,977	400,452	6,999	10,725	1,057,954
December	16,534	755,134	436,100	9,377	10,696	1,227,841
Total	181,208	9,640,104	5,673,091	106,304	129,454	15,730,161

**Table #4** **Forwards Prices - Energy Only @ bulk system**  
in \$/MWh

	On-Peak	Off/On Pk LMP ratio	Off-Peak
January	76.90	0.8166	62.797
February	67.45	0.8166	55.080
March	52.35	0.8166	42.749
April	48.05	0.8166	39.238
May	50.40	0.8166	41.157
June	51.65	0.6055	31.272
July	75.25	0.6055	45.560
August	65.85	0.6055	39.869
September	52.80	0.6055	31.968
October	50.00	0.8166	40.830
November	49.55	0.8166	40.463
December	57.75	0.8166	47.159

**Table #5** **Zone-Hub Basis Differential**  
Based on 3 Year Average

	On-Peak	Off-Peak
	80%	87%
	80%	87%
	80%	87%
	80%	87%
	80%	87%
	81%	87%
	81%	87%
	81%	87%
	81%	87%
	80%	87%
	80%	87%
	80%	87%

**Table #6**

Losses	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL
Loss Factors @ Bulk =	10.5545%	10.5545%	10.5545%	10.5545%	10.5545%
Expansion Factors @ Bulk =	1.11800	1.11800	1.11800	1.11800	1.11800
Loss Factors @ Transmission Node =	9.6564%	9.6564%	9.6564%	9.6564%	9.6564%
Expansion Factors @ Transmission Node =	1.10688	1.10688	1.10688	1.10688	1.10688

{4} The GS and GST units exclude the units associated with the 500 kW and above PLS accounts that will be required to take service under BGS-CIEP

**Jersey Central Power & Light  
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**Table #7**      **Summary of Average BGS Energy Only Unit Costs @ customer - PJM Time Periods**  
based on Forwards prices corrected for zone-hub differential and losses - PJM time periods  
in \$/MWh

		RT{1}	RS{2}	GS{3}	GST {4}	OL/SL	
Summer - all hrs		\$ 46.688	\$ 46.969	\$ 47.359	\$ 46.121	\$ 41.832	
	PJM on pk	\$ 55.901	\$ 56.123	\$ 55.391	\$ 54.153	\$ 54.929	
	PJM off pk	\$ 36.688	\$ 36.887	\$ 36.588	\$ 35.807	\$ 36.447	
Winter - all hrs		\$ 49.231	\$ 48.820	\$ 48.841	\$ 50.264	\$ 46.903	
	PJM on pk	\$ 52.192	\$ 51.645	\$ 51.262	\$ 52.866	\$ 50.969	
	PJM off pk	\$ 46.541	\$ 46.013	\$ 45.805	\$ 47.252	\$ 45.071	
Annual		\$ 48.390	\$ 48.063	\$ 48.319	\$ 48.995	\$ 45.215	
System Total	\$	48.14					

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

		RT{1}	RS{2}	GS{3}	GST {4}	OL/SL	Total
Summer - all hrs		\$ 2,797	\$ 185,083	\$ 94,549	\$ 1,501	\$ 1,803	\$ 285,734
	PJM on pk	\$ 1,743	\$ 115,907	\$ 63,345	\$ 991	\$ 690	\$ 182,676
	PJM off pk	\$ 1,054	\$ 69,176	\$ 31,204	\$ 510	\$ 1,113	\$ 103,057
Winter - all hrs		\$ 5,971	\$ 278,252	\$ 179,570	\$ 3,707	\$ 4,050	\$ 471,550
	PJM on pk	\$ 3,014	\$ 146,725	\$ 104,851	\$ 2,092	\$ 1,368	\$ 258,049
	PJM off pk	\$ 2,958	\$ 131,526	\$ 74,719	\$ 1,615	\$ 2,683	\$ 213,502
Annual		\$ 8,769	\$ 463,335	\$ 274,119	\$ 5,208	\$ 5,853	\$ 757,284
System Total	\$	757,284					

**Jersey Central Power & Light  
Attachment 2**

**Table #9** **Summary of Average BGS Energy Only Unit Costs @ customer - JCP&L Time Periods**  
based on Forwards prices corrected for zone-hub differential and losses - JCP&L billing time periods  
in \$/MWh

		RT{1}		RS{2}		GS{3}		GST {4}		OL/SL
Summer - all hrs		\$ 46.688	\$	46.969	\$	47.359	\$	46.121	\$	41.832
	JCP&L On pk	\$ 58.187						\$ 56.576		
	JCP&L Off pk	\$ 38.339						\$ 37.748		
Winter - all hrs		\$ 49.231	\$	48.820	\$	48.841	\$	50.264	\$	46.903
	JCP&L On pk	\$ 54.097						\$ 53.632		
	JCP&L Off pk	\$ 46.499						\$ 47.810		
Annual Average		\$ 48.390	\$	48.063	\$	48.319	\$	48.995	\$	45.215
System Average	\$ 48.14									

**Table #10** **Generation & Transmission Obligations and Costs and Other Adjustments**  
obligations - annual average forecasted for 2025; costs are market estimates  
in MW

	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL	BGS-RSCP TOTAL
Gen Obl - MW	49.0	3,700.6	1,169.7	21.2	0.1	4,940.6

Trans Obl - MW Not applicable for JCP&L - Transmission rates are based on Retail Tariff rates for the respective rate classes  
# 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 charges will be based on Retail Tariff rates for the applicable rate schedules

Generation Capacity cost	Summer	\$ 270.43 \$/MW/day	Summer Total	\$ 163,001,261
	Winter	\$ 270.43 \$/MW/day	Winter Total	\$ 324,666,446
			Annual Total	\$ 487,667,707

Residential summer BGS + Transmission charge differential  
per BPU and summer blocking percentages

	----- Rate -----	
	Charges	% usage
Block 1 (0-600 kWh/m)		49.53%
Block 2 (>600 kWh/m)		50.47%
Differential (Excl. SUT)	0.8652 ¢/kWh	

**Table #11** **Ancillary Services**

Forecasted Ancillary Services Cost	\$2.00 \$/MWh
Renewable Portfolio Standard Cost	\$21.82 \$/MWh
Total Forecasted Ancillary Services & Renewable Power Costs	\$23.82 \$/MWh

**Table #12** **Summary of Obligation Costs Expressed as \$/MWh @ customer**

	RT{1}		RS{2}		GS{3}		GST {4}		OL/SL
Transmission Obl - all months	\$ -	\$	-	\$	-	\$	-	\$	-
Generation Obl \$/MWh - all months	\$ 26.710	\$	37.891	\$	20.352	\$	19.698	\$	0.038
Generation Obl \$/MWh - Summer - All Hours	\$ 27.002	\$	30.983	\$	19.330	\$		\$	0.038
Generation Obl \$/MWh - Summer - On-Peak Hours	\$ 64.191					\$	48.352		
Generation Obl \$/MWh - Winter - All Hours	\$ 26.566	\$	42.667	\$	20.907	\$		\$	0.038
Generation Obl \$/MWh - Winter - On-Peak Hours	\$ 73.898					\$	44.841		

**Jersey Central Power & Light  
Attachment 2**

**Table #13 Summary of BGS Unit Costs @ customer**

**NON-DEMAND RATES**

*includes Energy, Generation Obligations, and Ancillary Services - adjusted to billing time periods in \$/MWh*

	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL
Summer - all hrs	\$ 100.32	\$ 104.58	\$ 93.32		\$ 68.50
JCP&L On pk	\$ 149.01			\$ 131.56	
JCP&L Off pk	\$ 64.97			\$ 64.38	
Block 1 (0-600 kWh/m)		\$ 100.22			
Block 2 (>600 kWh/m)		\$ 108.87			
Winter - all hrs	\$ 102.43	\$ 118.12	\$ 96.38		\$ 73.57
JCP&L On pk	\$ 154.63			\$ 125.10	
JCP&L Off pk	\$ 73.13			\$ 74.44	
Annual -all hrs	\$ 101.73	\$ 112.58	\$ 95.30	\$ 95.32	\$ 71.88

**DEMAND RATES**

*includes Energy and Ancillary Services, Generation Obligations charged separately - adjusted to billing time periods*

**JCP&L does not have a demand component in its BGS charges**



**Jersey Central Power & Light  
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**Table #14**

**Units @ Customer**  
in kWh

	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL	
Summer - all hrs	1,850,849		1,996,446,000			43,099,000
JCP&L On pk	24,425,565			14,475,222		
JCP&L Off pk	33,636,586			18,074,778		
Block 1 (0-600 kWh/m)		1,951,634,000				
Block 2 (>600 kWh/m)		1,988,948,000				
Winter - all hrs	4,735,739	5,699,522,000	3,676,645,000			86,355,000
JCP&L On pk	41,897,992			31,088,971		
JCP&L Off pk	74,661,269			42,665,029		
						<b>Total</b>
Summer Total	59,913,000	3,940,582,000	1,996,446,000	32,550,000	43,099,000	6,072,590,000
Winter Total	<u>121,295,000</u>	<u>5,699,522,000</u>	<u>3,676,645,000</u>	<u>73,754,000</u>	<u>86,355,000</u>	<u>9,657,571,000</u>
Annual Total	<u>181,208,000</u>	<u>9,640,104,000</u>	<u>5,673,091,000</u>	<u>106,304,000</u>	<u>129,454,000</u>	<u>15,730,161,000</u>

**Table #15**

**Summary of Total Estimated BGS Costs by Season**

	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL	Total
Total Costs by Rate - in \$1000						
Summer - all hrs	\$ 186		\$ 186,307		\$ 2,952	
JCP&L On pk	\$ 3,640			\$ 1,904		
JCP&L Off pk	\$ 2,185			\$ 1,164		
Block 1 (0-600 kWh/m)		\$ 195,583				
Block 2 (>600 kWh/m)		\$ 216,531				
Winter - all hrs	\$ 485	\$ 673,215	\$ 354,348		\$ 6,353	
JCP&L On pk	\$ 6,479			\$ 3,889		
JCP&L Off pk	\$ 5,460			\$ 3,176		
Total Costs - in \$1000						
Summer	\$ 6,011	\$ 412,115	\$ 186,307	\$ 3,068	\$ 2,952	\$ 610,453
Winter	\$ 12,424	\$ 673,215	\$ 354,348	\$ 7,065	\$ 6,353	\$ 1,053,405
Total	\$ 18,434	\$ 1,085,330	\$ 540,655	\$ 10,133	\$ 9,306	\$ 1,663,857
% of Annual Total \$						
Summer	33%	38%	34%	30%	32%	37%
Winter	67%	62%	66%	70%	68%	63%

**Jersey Central Power & Light  
Attachment 2**

**Table #16 & Table #17**

**Not Applicable to 2025/2026 BGS Supply Period**

**Table #18 Bulk System Costs**

**ALL RATES**

Grand Total Cost in \$1000 = \$ 1,663,858  
 All-In Average costs @ bulk system = \$ 94.61 per MWh at bulk system (per bulk system metered MWh)

**Table #19 Seasonal Payment Factors**

If total \$ were split on a per MWh basis (on bulk nodes MWhs):  
 Summer \$ 89.92 per MWh @ bulk system  
 Winter \$ 97.56 per MWh @ bulk system

<u>Ratio to All-In Cost (rounded to 4 decimal places)</u>	
<b>Summer</b>	<b>0.9504</b>
<b>Winter</b>	<b>1.0312</b>
<u>Ratio to All-In Cost (if Winter is greater than Summer)</u>	
<b>Summer</b>	<b>1.0000</b>
<b>Winter</b>	<b>1.0000</b>

**Assumptions:**

Generation Capacity Cost = \$ 270.43 per MW day Summer  
 \$ 270.43 per MW day Winter  
 Transmission cost = Zero, as Transmission product will be excluded from BGS product starting June 1, 2021.  
 Analysis time period = 4 summer months  
 8 winter months  
 Ancillary Services and Renewable Power Cost = \$ 23.82 per MWh  
 Energy Costs = based on 6/25 to 5/26 Forwards @ PJM West corrected for hub-zone basis differential  
 Usage patterns = forecasted 2024 energy use by class based upon PJM on/off % from 2021 through 2023 class load profiles  
 JCP&L billing on/off % from 2024 forecasted billing determinants  
 Obligations = class totals for 2025 excluding accounts required to take service under BGS-CIEP as of June 1, 2025  
 Loss = Consistent with Losses as approved by the BPU  
 PJM Marginal Losses = PJM's calculated mean value of hourly marginal loss factor  
 PJM Time Periods = PJM trading time periods - 7 AM to 11 PM weekdays, local time, excluding NERC  
 holidays - New Year's, Memorial, 4th of July, Labor Day, Thanksgiving & Christmas  
 JCP&L Billing time periods = RT On-peak hours are 8 am to 8 pm Eastern Standard Time, Monday through Friday.  
 GST On-peak hours are 8 am to 8 pm prevailing time, Monday through Friday.  
 The Holidays identified by PJM are not excluded from the RT or GST Billing On-Peak kWh.  
 NJ Sales and Use Tax (SUT) = SUT excluded from all costs

**Jersey Central Power & Light  
Attachment 2  
2025 BGS Auction Cost and Bid Factor Tables**

**BGS-RSCP Composite Cost Allocation**

<b>Table #C1</b>	<b>Post Transition Year 21 Costs w/o Transmission</b>	<b>Size of Tranches =</b>	<b><u>15</u></b>										
	in \$1,000's												
	Total Costs by Rate - in \$1000		<b>RT{1}</b>	<b>RS{2}</b>	<b>GS{3}</b>	<b>GST {4}</b>	<b>OL/SL</b>						
	Summer - all hrs	\$	241		\$	261,908	\$	4,446					
	JCP&L On pk	\$	4,606		\$	2,625							
	JCP&L Off pk	\$	2,960		\$	1,603							
	Block 1 (0-600 kWh/m)			\$	249,258								
	Block 2 (>600 kWh/m)			\$	271,232								
	Winter - all hrs	\$	607	\$	761,213	\$	474,919	\$	9,112				
	JCP&L On pk	\$	7,988			\$	5,661						
	JCP&L Off pk	\$	6,955			\$	4,046						
	Total Costs - in \$1000												
	Summer	\$	7,807	\$	520,491	\$	261,908	\$	4,228	\$	4,446	\$	798,880
	Winter	\$	15,550	\$	761,213	\$	474,919	\$	9,707	\$	9,112	\$	1,270,502
	Total	\$	23,357	\$	1,281,704	\$	736,827	\$	13,935	\$	13,558	\$	2,069,381

<b>Table #C2</b>	<b>Post Transition Year 22 Costs w/o Transmission</b>	<b>Size of Tranches =</b>	<b><u>20</u></b>										
	in \$1,000's												
	Total Costs by Rate - in \$1000		<b>RT{1}</b>	<b>RS{2}</b>	<b>GS{3}</b>	<b>GST {4}</b>	<b>OL/SL</b>						
	Summer - all hrs	\$	219		\$	233,239	\$	4,420					
	JCP&L On pk	\$	3,593			\$	2,031						
	JCP&L Off pk	\$	3,264			\$	1,752						
	Block 1 (0-600 kWh/m)			\$	224,946								
	Block 2 (>600 kWh/m)			\$	246,455								
	Winter - all hrs	\$	552	\$	691,295	\$	421,946	\$	9,023				
	JCP&L On pk	\$	5,840			\$	4,057						
	JCP&L Off pk	\$	7,749			\$	4,474						
	Total Costs - in \$1000												
	Summer	\$	7,075	\$	471,401	\$	233,239	\$	3,783	\$	4,420	\$	719,919
	Winter	\$	14,141	\$	691,295	\$	421,946	\$	8,530	\$	9,023	\$	1,144,935
	Total	\$	21,216	\$	1,162,696	\$	655,185	\$	12,314	\$	13,443	\$	1,864,854

{1} For BGS purposes the RT rate class includes the RS and GS rate class Off-Peak (OPWH) and Controlled Water Heating (CTWH) provisions. The RT rate class also include summer billing month RGT rate class usage. OPWH and CTWH is billed on the average RT rates, while RT and Summer RGT use is billed at on-peak and off-peak rates.

{2} For BGS purposes the RS rate class excludes the Off-Peak and Controlled Water Heating provisions and includes the winter billing month RGT rate class usage

{3} For BGS purposes the GS rate class excludes the Off-Peak and Controlled Water Heating provisions

{4} The GS and GST units exclude the units associated with the 500 kW and above PLS accounts that will be required to take service under BGS-CIEP

**Jersey Central Power & Light  
Attachment 2**

**Table #C3**      **Post Transition Year 23 Costs w/o Transmission**      **Size of Tranches =**      **18**  
in \$1,000's

Total Costs by Rate - in \$1000	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL	
Summer - all hrs	\$ 186		\$ 186,307		\$ 2,952	
JCP&L On pk	\$ 3,640			\$ 1,904		
JCP&L Off pk	\$ 2,185			\$ 1,164		
Block 1 (0-600 kWh/m)		\$ 195,583				
Block 2 (>600 kWh/m)		\$ 216,531				
Winter - all hrs	\$ 485	\$ 673,215	\$ 354,348		\$ 6,353	
JCP&L On pk	\$ 6,479			\$ 3,889		
JCP&L Off pk	\$ 5,460			\$ 3,176		
Total Costs - in \$1000						
Summer	\$ 6,011	\$ 412,115	\$ 186,307	\$ 3,068	\$ 2,952	\$ 610,453
Winter	\$ 12,424	\$ 673,215	\$ 354,348	\$ 7,065	\$ 6,353	\$ 1,053,405
Total	\$ 18,434	\$ 1,085,330	\$ 540,655	\$ 10,133	\$ 9,306	\$ 1,663,857

**Table #C4**      **Composite (Tranche Weighted) Costs w/o Transmission**  
in \$1,000's

Total Costs by Rate - in \$1000	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL	
Summer - all hrs	\$ 214		\$ 225,414		\$ 3,929	
JCP&L On pk	\$ 3,895			\$ 2,156		
JCP&L Off pk	\$ 2,812			\$ 1,510		
Block 1 (0-600 kWh/m)		\$ 221,855				
Block 2 (>600 kWh/m)		\$ 243,305				
Winter - all hrs	\$ 545	\$ 704,943	\$ 413,980		\$ 8,142	
JCP&L On pk	\$ 6,665			\$ 4,454		
JCP&L Off pk	\$ 6,747			\$ 3,912		
Total Costs - in \$1000						
Summer	\$ 6,921	\$ 465,159	\$ 225,414	\$ 3,666	\$ 3,929	\$ 705,089
Winter	\$ 13,957	\$ 704,943	\$ 413,980	\$ 8,366	\$ 8,142	\$ 1,149,387
Total	\$ 20,877	\$ 1,170,102	\$ 639,394	\$ 12,032	\$ 12,070	\$ 1,854,476

**Jersey Central Power & Light  
Attachment 2**

**Table #C5**

**Units @ Customer**  
*Forecasted 2025 kWh*

	<b>RT{1}</b>	<b>RS{2}</b>	<b>GS{3}</b>	<b>GST {4}</b>	<b>OL/SL</b>	
Summer - all hrs	1,850,849		1,996,446,000			43,099,000
JCP&L On pk	24,425,565			14,475,222		
JCP&L Off pk	33,636,586			18,074,778		
Block 1 (0-600 kWh/m)		1,951,634,000				
Block 2 (>600 kWh/m)		1,988,948,000				
Winter - all hrs	4,735,739	5,699,522,000	3,676,645,000			86,355,000
JCP&L On pk	41,897,992			31,088,971		
JCP&L Off pk	74,661,269			42,665,029		
Summer Total	59,913,000	3,940,582,000	1,996,446,000	32,550,000	43,099,000	6,072,590,000
Winter Total	121,295,000	5,699,522,000	3,676,645,000	73,754,000	86,355,000	9,657,571,000
Annual Total	181,208,000	9,640,104,000	5,673,091,000	106,304,000	129,454,000	15,730,161,000

**Total**  
6,072,590,000  
9,657,571,000  
15,730,161,000

**Table #C6**

**Summary of BGS Unit Costs @ customer**

**NON-DEMAND RATES**

*includes Energy, Generation obligations, and Ancillary Services - adjusted to billing time periods in \$/MWh*

	<b>RT{1}</b>	<b>RS{2}</b>	<b>GS{3}</b>	<b>GST {4}</b>	<b>OL/SL</b>
Summer - all hrs	\$ 115.51		\$ 112.49		\$ 91.16
JCP&L On pk	\$ 158.79			\$ 148.96	
JCP&L Off pk	\$ 83.22			\$ 83.55	
Block 1 (0-600 kWh/m)		\$ 113.16			
Block 2 (>600 kWh/m)		\$ 121.77			
Winter - all hrs	\$ 115.07	\$ 123.12	\$ 112.18		\$ 94.28
JCP&L On pk	\$ 158.38			\$ 143.27	
JCP&L Off pk	\$ 89.97			\$ 91.69	
Annual -all hrs	\$ 114.71	\$ 120.83	\$ 112.29	\$ 113.19	\$ 93.24

**DEMAND RATES**

*includes Energy and Ancillary Services, Generation Obligations charged separately - adjusted to billing time periods in \$/MWh*

**JCP&L does not have a demand component in its BGS charges**

**ALL RATES**

Grand Total Cost in \$1000 = \$ 1,854,476

All-In Average costs @ bulk system = \$ 105.45 per MWh at bulk system (per bulk system metered MWh)

All-In Average costs @ transmission nodes = \$ 106.51 per MWh at transmission nodes (per transmission nodes metered MWh)

**Jersey Central Power & Light  
Attachment 2**

**Table #C7** Ratio of BGS Unit Costs @ customer to All-In Average Cost @ transmission nodes (rounded to 3 decimal places)

**NON-DEMAND RATES**

*includes Energy, Generation Obligations, and Ancillary Services - adjusted to billing time periods*

	RT{1}	RS{2}	GS{3}	GST {4}	OL/SL
Summer - all hrs	1.085	1.103	1.056		0.856
JCP&L On pk	1.491			1.399	
JCP&L Off pk	0.781			0.784	
Constant for Block 1 (0-600 kWh/m) usage (Excl. SUT)		(4.367)			
Constant for Block 2 (>600 kWh/m) usage (Excl. SUT)		4.285			
Winter - all hrs	1.080	1.156	1.053		0.885
JCP&L On pk	1.487			1.345	
JCP&L Off pk	0.845			0.861	
Annual - all hrs	1.077	1.134	1.054	1.063	0.875

**DEMAND RATES**

*includes Energy and Ancillary Services, Generation Obligations charged separately - adjusted to billing time periods*

**JCP&L does not have a demand component in its BGS charges**

**Jersey Central Power & Light**  
**Development of Capacity Proxy Price True-Up \$/MWh**  
**and Calculation of Composite BGS-RSCP Price**

**Table A - 2025/2026 Delivery Year**

	2025/2026 Delivery Year for Winning Suppliers from 2023 BGS- RSCP Auction	2025/2026 Delivery Year for Winning Suppliers from 2024 BGS- RSCP Auction	
1 Zonal Capacity Price (\$/MW-day) - JCPL Zone	\$270.43	\$270.43	Notes:
2 Capacity Proxy Price (\$/MW-day)	<u>\$44.63</u>	<u>\$47.46</u>	Final PJM RPM for delivery year 2025/2026
3 Capacity Proxy Price True-Up - \$/MW-day	\$225.80	\$222.97	BGS Order Docket No. ER22030127 dated Nov. 9, 2022 and ER23030124, dated Nov. 17, 2023
4 Total BGS-RSCP Gen Obl - MW	4,940.6	4,940.6	Line 1 - Line2
5 Days in BGS Delivery Year	365	365	Table #10 of the 2025 BGS Auction Cost and Bid Factor Tables
6 Capacity Proxy Price True-Up Annual Cost	\$407,186,216	\$402,082,863	= line 3 * line 4 * line 5
7 Eligible Tranches	15	20	
8 Total Tranches	53	53	
9 % of tranches eligible for Payment	28.3%	37.7%	= line 7/ line 8
10 Capacity Proxy Price True-Up Cost	\$115,241,382	\$151,729,382	= line 6 * line 9
11 Total Applicable Customer Usage @ transmission nodes - in MWh	17,411,477	17,411,477	Table #14 * Table #6 from 2025 BGS Auction Cost and Bid Factor Tables
12 Eligible customer Usage @ transmission nodes - in MWh	4,927,777	6,570,369	= line 9 * line 11
13 Capacity Proxy Price True-Up - \$/MWh	\$23.39	\$23.09	= line 10 / line 12 (rounded to 2 decimal places)

NJ Sales and Use Tax (SUT) excluded

**Calculation of Composite BGS-RSCP Price**  
**June 1, 2025 through May 31, 2026**

	BGS Post Transition Year 21	BGS Post Transition Year 22	BGS Post Transition Year 23	Total BGS-RSCP Cost
	<i>2023 Auction</i>	<i>2024 Auction</i>	<i>2025 Auction</i>	
	1 Year Term Remaining	2 Year Term Remaining	3 Year Term	
Final Auction Price - in \$/MWh	\$94.28	\$82.95	\$110.96	
Capacity Proxy Price True Up in \$/MWh	<u>\$23.39</u>	<u>\$23.09</u>		
	\$117.67	\$106.04	\$110.96	
<u>Total # of Tranches</u>				
Size of Tranches	15	20	18	
Total # of Tranches	53	53	53	
<u>Seasonal Factors</u>				
Summer	1.0000	1.0000	1.0000	
Winter	1.0000	1.0000	1.0000	
<u>Applicable Customer Usage</u> <u>@ transmission node</u>				
Summer MWh	6,721,658	6,721,658	6,721,658	6,721,658
Winter MWh	10,689,819	10,689,819	10,689,819	10,689,819
<u>All-in BGS-RSCP Cost</u>				
Summer	\$223,850,235	\$268,967,779	\$253,302,511	\$746,120,525
Winter	<u>\$356,001,227</u>	<u>\$427,754,116</u>	<u>\$402,840,787</u>	<u>\$1,186,596,129</u>
Total	\$579,851,462	\$696,721,895	\$656,143,298	\$1,932,716,654

Composite Bid Price

**\$111.00** L/(H+1), Rounded to 2 decimals

Jersey Central Power and Light

Derivation of BGS-RSCP Energy Charges per kWh

Final Weighted Average BGS-RSCP Wholesale Price \$0.111000 {1}

Rate Class & Usage Type	Ratio of Retail BGS Price to Wholesale BGS Price		Resulting Retail BGS Price Prior to Usage Block Adjustment {1}		Usage Block Adjustment	Resulting Retail BGS Price After Usage Block Adjustment {1}		Proposed Tariff Transmission Rate {2}	Retail BGS Energy Charge per kWh Excluding SUT		Retail BGS Energy Charge per kWh Including 6.625%SUT	
	Summer	Winter	Summer	Winter	Summer	Summer	Winter		Summer	Winter	Summer	Winter
RS - All		1.156		\$0.128316			\$0.128316	\$0.000000		\$0.128316		\$0.136817
RS - 1 to 600	1.103		\$0.122433		-\$0.004367	\$0.118066		\$0.000000	\$0.118066		\$0.125888	
RS Over 600	1.103		\$0.122433		\$0.004285	\$0.126718		\$0.000000	\$0.126718		\$0.135113	
RT - On-peak	1.491	1.487	\$0.165501	\$0.165057		\$0.165501	\$0.165057	\$0.000000	\$0.165501	\$0.165057	\$0.176465	\$0.175992
RT - Off-peak	0.781	0.845	\$0.086691	\$0.093795		\$0.086691	\$0.093795	\$0.000000	\$0.086691	\$0.093795	\$0.092434	\$0.100009
CTWH & OPWH	1.085	1.080	\$0.120435	\$0.119880		\$0.120435	\$0.119880	\$0.000000	\$0.120435	\$0.119880	\$0.128414	\$0.127822
GS	1.056	1.053	\$0.117216	\$0.116883		\$0.117216	\$0.116883	\$0.000000	\$0.117216	\$0.116883	\$0.124982	\$0.124626
GST On-Peak	1.399	1.345	\$0.155289	\$0.149295		\$0.155289	\$0.149295	\$0.000000	\$0.155289	\$0.149295	\$0.165577	\$0.159186
GST Off-Peak	0.784	0.861	\$0.087024	\$0.095571		\$0.087024	\$0.095571	\$0.000000	\$0.087024	\$0.095571	\$0.092789	\$0.101903
OL/SL	0.856	0.885	\$0.095016	\$0.098235		\$0.095016	\$0.098235	\$0.000000	\$0.095016	\$0.098235	\$0.101311	\$0.104743

{1} Prices Exclude Sales and Use Tax (SUT) and BGS-RSCP Reconciliation Charges

{2} Transmission will be excluded from BGS Auction starting February 2021

Notes:

Rate class RS includes RGT winter usage

CTWH & OPWH includes separately metered controlled water heating and off-peak water heating use for RS and GS accounts

Rate class RT includes RGT summer usage

Rate Class OL/SL equals Rate classes OL, ISL, MVL, SVL and LED



## Derivation of BGS Capacity Cost (\$/kWh) for BGS CIEP DCFC Accounts

### List of Current DCFC Accounts \*

Site ID	Service Start Date	Connected Load (kW)	Peak Load Share (kW) Effective June 1, 2025	12 Month Total Billed Usage (kWh) through December 2024	Eligibility June 1, 2025 to May 31, 2026
1	11/5/2019	350	96.3889	415,717	RSCP
2	7/1/2021	600	234.7275	767,116	RSCP
3	7/2/2019	640	421.2030	1,615,288	RSCP
4	2/11/2019	450	666.4653	2,751,901	RSCP
5	1/18/2019	800	270.7103	1,408,855	RSCP
6	7/29/2019	800	181.1597	1,120,738	RSCP
7	10/6/2021	231	80.7679	323,020	RSCP
8	4/30/2021	797	273.4615	898,860	RSCP
9	6/17/2020	447	257.3045	904,659	RSCP
10	11/13/2015	774	871.9235	2,707,173	CIEP
11	9/17/2019	N/A	185.6778	827,116	RSCP
12	4/29/2019	640	75.0383	506,090	RSCP
13	10/6/2021	550	116.0962	679,200	RSCP
14	2/2/2022	1,938	138.4105	567,183	RSCP
15	7/22/2020	750	539.7817	2,292,178	RSCP
16	11/18/2020	900	109.7632	509,600	RSCP
17	3/21/2022	874	220.7333	1,218,400	RSCP
18	12/17/2021	640	68.5306	384,600	RSCP
19	12/12/2022	1152	411.7057	1,079,694	RSCP
20	6/28/2022	640	248.5378	1,284,200	RSCP
21	7/15/2022	N/A	62.8199	319,200	RSCP
22	10/19/2023	N/A	81.3062	554,816	RSCP
23	3/6/2023	1300	325.3535	1,070,685	RSCP
24	Removed as this is the duplicated premise				
25	8/5/1999	N/A	40.6634	198,438	RSCP
26	12/4/2023	248	11.4731	41,194	RSCP
27	8/22/2016	350	11.7290	68,598	RSCP
28	12/21/2023	576	168.9607	518,429	RSCP
29	2/11/2022	667	201.4702	981,962	RSCP
30	1/18/2022	667	327.3821	1,025,165	RSCP
31	9/15/2023	150	5.5491	23,163	RSCP
32**	4/15/2024	580	14.7993	64,762	RSCP
33**	8/11/2023	800	7.4743	37,320	RSCP
34**	3/19/2024	400	4.6166	29,623	RSCP
35**	9/4/2024	541	4.1260	886,800	RSCP
36**	4/22/2024	1161	57.7339	996,960	RSCP
37**	6/21/2024	774	81.5558	952,109	RSCP
38**	10/11/2024	317	4.1260	18,678	RSCP
39**	11/29/2023	1161	<u>120.5024</u>	<u>586,080</u>	RSCP
			7,000.0287	30,635,570	

a.	Total PLS as of June 1, 2025 (kW)	7,000.03	
b.	Capacity PLS to Obligation Factor June 1, 2025 to May 31, 2026	0.941306	Effective June 1, 2025, based on Final Zonal Scaling Factor for 2025/2026
c. = a x b	Total Capacity Obligation (kW) June 1, 2025	6,589.17	
d.	Capacity Price Effective June 1, 2025 to May 31, 2026 (\$/kW - Day)	\$0.62521	BGS CIEP Auction
e. = c x d *365	Total Capacity Cost, net of SUT	\$1,503,659	
f.	Forecast kWh usage from most recent 12 months	30,635,570	
g. = e / f	Capacity Price in \$/kWh	\$0.049082	
h. = g*1.06625	Capacity Price in \$/kWh, including SUT	\$0.052334	

\* EV Driven Program Semi-Annual Report, March 2025 , BPU Docket Nos. EO21030630 and ER22030127

\*\* Site 32 to 39 have less than 12 months of billable usage. The annualized usage estimated are used in the calculation.

**2025/2026 Final Zonal Scaling Factors, UCAP Obligations, Zonal Capacity Prices, & Zonal CTR Credit Rates**

Final Forecast Pool		0.9380			
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	1.01196	2,249.6	\$270.43	\$0.0000000	\$270.4329327
AEP	0.98055	11,567.3	\$270.43	\$0.0000000	\$270.4329327
APS	0.98994	8,169.7	\$270.43	\$0.0000000	\$270.4329327
ATSI	1.02540	11,792.5	\$270.43	\$0.0000000	\$270.4329327
BGE	1.01276	6,005.7	\$471.33	\$164.4842475	\$306.8445340
COMED	1.00712	18,167.5	\$270.43	\$0.0000000	\$270.4329327
DAYTON	1.00562	3,009.0	\$270.43	\$0.0000000	\$270.4329327
DEOK	1.02215	4,069.1	\$270.43	\$0.0000000	\$270.4329327
DLCO	1.00915	2,499.0	\$270.43	\$0.0000000	\$270.4329327
DOM	0.95239	21,570.5	\$446.81	\$14.3306044	\$432.4796680
DPL	1.01722	3,587.6	\$270.43	\$0.0000000	\$270.4329327
EKPC	1.01654	2,259.5	\$270.43	\$0.0000000	\$270.4329327
JCPL	1.00352	5,469.0	\$270.43	\$0.0000000	\$270.4329327
METED	1.02515	2,846.3	\$270.43	\$0.0000000	\$270.4329327
OVEC	1.01453	57.1	\$270.43	\$0.0000000	\$270.4329327
PECO	1.01752	7,750.0	\$270.43	\$0.0000000	\$270.4329327
PENLC	1.02923	2,664.6	\$270.43	\$0.0000000	\$270.4329327
PEPCO	1.01941	5,555.6	\$270.43	\$0.0000000	\$270.4329327
PL	1.02353	6,905.0	\$270.43	\$0.0000000	\$270.4329327
PS	1.01149	9,338.3	\$270.43	\$0.0000000	\$270.4329327
RECO	1.01713	372.1	\$270.43	\$0.0000000	\$270.4329327
		<b>135,905.1</b>			