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December 5, 2024

In the Matter of the Provision of Basic Generation Service for the Period Beginning June 1, 2025

BPU Docket No. ER24030191

VIA ELECTRONIC MAIL AND E-FILING

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

Dear Secretary Golden:

This letter provides notice that Public Service Electric and Gas Company (PSE&G) has filed its Company Specific Addendum (CSA) Compliance Filing in the above-referenced docket via the BPU's e-filing system. This filing is made in compliance pursuant to the Board of Public Utilities' Order dated November 21, 2024 in the above referenced proceeding. PSE&G's CSA is electronically attached herein and can be accessed on the BGS Auction website at:

http://bgs-auction.com/bgs.auction.regproc.asp

In accordance with <u>I/M/O the New Jersey Board of Public Utilities' Response to the</u> <u>COVID-19 Pandemic for a Temporary Waiver of Requirements for Certain Non-Essential</u> <u>Obligations</u>, BPU Docket No. EO20030254, Order dated March 19, 2020, this document is being electronically filed with the Secretary of the Board and the New Jersey Division of Rate Counsel. Paper copies will not be filed.

Thank you for your attention to this matter. Feel free to contact me with any questions or if I can be of further assistance.

Very truly yours, oron I. Karp

Aaron I. Karp

Electronic Attachment

C Service List (Electronic)

IN THE MATTER OF THE PROVISION OF BASIC GENERATION SERVICE FOR BASIC GENERATION SERVICE REQUIREMENTS : EFFECTIVE JUNE 1, 2025

Docket No. ER24030191

PUBLIC SERVICE ELECTRIC AND GAS COMPANY

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PROPOSAL FOR

BASIC GENERATION SERVICE REQUIREMENTS

TO BE PROCURED EFFECTIVE JUNE 1, 2025

COMPANY SPECIFIC ADDENDUM

Compliance Filing

December 5, 2024

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I. USE OF COMMITTED SUPPLY AND CONTINGENCY PLANS

COMMITTED SUPPLY

"Committed Supply," means non-utility generation power supplies to which Public Service Electric and Gas ("PSE&G" or "Public Service" or "Company") has an existing physical or financial entitlement. In prior auctions, PSE&G provided renewable attributes from non-utility generation contracts on a pro-rata basis to BGS-RSCP Suppliers. Since PSE&G's last non-utility generation contract was terminated in 2014, no renewable attributes will be available going forward. PSE&G has no committed supply.

CONTINGENCY PLANS

While not every contingency can be anticipated, we can differentiate three time periods of concern:

(a) There are an insufficient number of bids to provide for a fully subscribed Auction Volume either for the BGS-RSCP auction or the BGS-CIEP auction;

(b) A default by one of the winning bidders prior to June 1, 2025;

(c) A default during the June 1, 2025 – May 31, 2028 supply period.

(a) Insufficient Number of Bids in Auction

In order to ensure that the Auction Process achieves the best price for customers, the degree of competition in the auction must be sufficient. To ensure a sufficient degree of competition, the target volume of BGS-RSCP and BGS-CIEP Load purchased at each auction will be decided after the first round bids are received. Provided that there are sufficient bids at the starting prices, the auctions will be held for 100 percent of BGS-RSCP and BGS-CIEP Load.

It is possible that the amount of initial bids will not result in a competitive auction for 100 percent of the BGS-RSCP or BGS-CIEP Load. This determination will be made by the Auction Manager in consultation with the EDCs and the Board Advisor.

In the event that the auction volume is reduced to less than 100 percent of BGS-RSCP or BGS- CIEP Load, PSE&G will implement a contingency plan for the remaining tranches. Under that plan, PSE&G, at its option, will purchase necessary services for the remaining tranches through PJM-administered markets until May 31, 2026. After May 31, 2026, any unfilled tranches may be included in a subsequent auction or treated as in Contingency Plans Part (c) below. This Contingency Plan will alert bidders that in order to secure BGS-RSCP or BGS-CIEP prices from New Jersey BGS customers for their supply, it will be necessary to bid in the auctions. Failure to bid will mean that the BGS market faced by suppliers will be a spot market with volatility and related risks.

Since the contingency plan calls for the purchase of BGS supply in PJM-administered markets, it is considered a strong feature of the auction proposal because it provides bidders a strong incentive to participate in the Auction Process. If bidders were to believe that a less than fully subscribed auction would lead to a negotiation or a secondary market in which PSE&G, on behalf of its customers, would seek to acquire fixed priced supplies, the incentive to participate in the auction and the incentive to offer the best prices in the auction would be diminished.

(b) Defaults prior to June 1st, 2025.

If a winning bidder defaults prior to the beginning of the BGS service, then, at the option of the EDC, the open tranches may be offered to the other winning bidders or these tranches may be bid out or procured in PJM-administered markets. Additional costs incurred by PSE&G in implementing this Contingency Plan will be assessed against the defaulting supplier's credit security.

(c) Defaults during the Supply Period

If a default occurs during the June 1, 2025 through May 31, 2028 period, at the option of PSE&G, the available tranches may be offered to other winning bidders, bid out, or procured in PJM administered

markets. Additional costs incurred by PSE&G in implementing this Contingency Plan will be assessed against the defaulting supplier's credit security.

II. ACCOUNTING AND COST RECOVERY

The accounting and cost recovery that PSE&G proposes for its BGS service is summarized in this section. These provisions are intended to be applicable to PSE&G only. Each EDC will provide individual BGS cost recovery proposals.

BGS-RSCP AND BGS-CIEP RECONCILIATION CHARGES

PSE&G's BGS accounting will account for BGS-RSCP revenues and BGS-CIEP revenues individually as follows:

- 1. BGS-RSCP and BGS-CIEP revenues will be tracked using established accounting procedures and recorded separately as BGS-RSCP revenue and BGS-CIEP revenue;
- As previously established for PSE&G, uncollectible revenues are recovered through a component of PSE&G's Societal Benefits Charge.

PSE&G will account for BGS-RSCP and BGS-CIEP costs individually as the sum of the following:

- 1. Payments made for the provision of BGS-RSCP or BGS-CIEP service;
- Any administrative costs associated with the provision of BGS-RSCP and BGS- CIEP service;

Administrative costs are defined as commonly-incurred or directly-incurred. *Commonly-incurred costs* are costs shared among all of the New Jersey Electric Distribution Companies (the "EDCs"). *Directly-incurred costs* are costs specifically incurred by each EDC, individually.

a. Commonly-incurred costs include, but are not limited to, the following:

- preparing and conducting the annual auction, which include all pre-auction development work, developing and printing materials, developing and maintaining the BGS auction website, conducting information sessions for prospective bidders, as well as other consulting services provided by the Auction Manager;
- oversight of the auction process on behalf of the New Jersey Board of Public Utilities (the "Board or "BPU"), as performed by the Board's consultant.
- rent and maintenance of office space in New Jersey for the Auction Manager;
- outside counsel legal costs associated with the prosecution and/or defense of BGS patent claims; and
- costs associated with viewing the annual auction in real time, which may include, but are not limited to, costs for physical space and equipment/media connections.
- b. Directly-incurred costs (for PSE&G) include, but are not limited to, the costs noted below. In

addition to the fees related to GATS administration and the Environmental Label insert (if necessary), effective October 15, 2024 these costs also include directly-incurred labor costs associates with several functions that are common across the EDCs (consistent with the Order of Implementation related to the BGS Administrative Expense audit¹, and with the effective date specified in the final Board Order in the Company's recent base rate case("Rate Case Order")².:

- Direct labor costs for RPS Compliance
- Direct labor costs for BGS Steering Committee
- Direct labor costs for the BGS Data Room
- Direct labor costs for BGS Payments
- GATS Administrative Fee
- Printing Costs of Environmental Label inserts, if necessary

The commonly-incurred cost estimates for each BGS Auction cycle are paid for by the

¹ In the Matter of the Request for Proposal for a Financial Audit of the New Jersey Electric Distribution Companies' Basic Generation Administrative Expense and Other Related Expense, BPU Docket No. EA17010004, Order of Implementation (July 15, 2020).

² In the Matter of the Petition of Public Service Electric and Gas Company For Approval of an Increase in Electric and Gas Rates for Changes in the Tariffs for Electric and Gas Service, B.P.U.N.J. No. 17 Electric and B.P.U.N.J. No. 17 Gas, and for Changes in Depreciation Rates, Pursuant to N.J.S.A. 48:2-18, N.J.S.A. 48:2-21 and N.J.S.A. 48:2-21.1, and for Other Appropriate Relief, BPU Docket Nos. ER23120924 & GR23120925, Order Adopting Initial Decision and Stipulation (October 9, 2024).

winning bidders of the auction at the start of each Energy Year through the Tranche Fee. The difference between the estimated commonly-incurred costs and the actual commonlyincurred costs and all the directly-incurred costs are paid through the BGS Reconciliation Charges.

As noted, one element of commonly-incurred costs have been the costs associated with the rent and maintenance of office space in New Jersey for the Auction Manager to conduct the annual BGS Auction. As noted in the Joint EDC comments, in the November 2021 Order, the Board authorized PSE&G to sublet the BGS Office in Newark. PSE&G (on behalf of the EDCs) subsequently did sublet the office, and the revenues related to the same serve to offset other commonly-incurred EDC costs (including the aforementioned rent and maintenance expenses). However, this will soon cease asthe lease and sub-lease will terminate at the end of January 2025

 The cost of any procurement of necessary services including capacity, energy, ancillary services, transmission, RPS compliance, and other expenses related to the Contingency Plan less any payments recovered from defaulting suppliers.

Adjustment type (i.e., reconciliation) charges are necessary in order to balance out the difference between (1) the monthly amounts paid within the quarter to the BGS-RSCP and BGS-CIEP supplier(s) for BGS-RSCP and BGS-CIEP supply and (2) the total revenue from customers for BGS-RSCP and BGS-CIEP services within the quarter, respectively.

These reconciliation charges are calculated separately each quarter for BGS-RSCP and BGS- CIEP and applied for the upcoming quarter on a dollars per kWh basis and the respective rates are applied to all BGS-RSCP and BGS-CIEP kWh billed. These charges are combined with BGS-RSCP and hourly BGS-CIEP charges for billing although they are published in separate BGS-RSCP reconciliation charge and BGS-CIEP reconciliation charge tariff sheets that are revised quarterly to reflect actual revenues and costs. These tariff sheets are filed with the Board approximately 15 days prior to the first day of the effective quarter.

The BGS-RSCP reconciliation charge and BGS-CIEP reconciliation charge are subject to deferred accounting with interest at the NGC rate previously set by the Board and are determined individually as set forth below:

The reconciliation charges are used in both BGS-RSCP and BGS-CIEP to true up the differences between BGS payments to suppliers and BGS revenues from customers for the quarter. Differences in BGS costs and BGS revenues for a quarter are computed in the following month and applied to BGS rates for the upcoming quarter. Two of these differences are shown below:

- 1. The difference between BGS Costs (as defined above) paid to suppliers for each month in the quarter and each calendar month of BGS revenue in the quarter. This difference is calculated in each month after the quarter to become effective in the upcoming quarter.
- 2. The difference between the total adjustment charge revenue intended to be recovered in the quarter and the actual adjustment charge revenue recovered in the quarter. This difference is driven by differences between actual kWh in the quarter and the kWh used to calculate the charge.

The reconciliation charges to be applied in the upcoming quarter are calculated as the net of the two differences described above for the quarter (plus or minus any cumulative under or over recovery from the prior quarter) divided by the forecast of BGS kWh in upcoming quarter.

The following table summarizes PSE&G's proposed process:

Reconciliation for the Months of:	Quarterly Rate in Effect:
February – April	June – August 31
May – July	September – November 30
August – October	December – February 28
November – January	March – May 31

III. A. DESCRIPTION OF BGS TARIFF SHEETS AND OTHER TARIFF ITEMS

GENERAL

As described in the generic section of this filing, two different methods will continue to be utilized for the pricing of BGS default supply service to customers: Basic Generation Service – Residential Small Commercial Pricing (BGS-RSCP) for residential and small commercial customers and Basic Generation Service – Commercial and Industrial Energy Pricing (BGS-CIEP), a variable hourly energy pricing for large commercial and industrial customers.

The Company is not proposing any modification of the criteria for BGS-CIEP eligibility from the current peak load share of 500kW. Thus BGS-CIEP is proposed to continue to be the default service for all customers served under delivery rate schedules HTS-High Voltage, HTS-Subtransmission, and LPL-Primary and for LPL-Secondary customers with a peak load share (PLS) of 500 kW or higher.

As in prior years, all other non-residential customers also have the option of electing BGS-CIEP as their default supply service. All non-residential customers with BGS-CIEP as their optional default service will be notified of their option to switch to BGS-CIEP through PSE&G's website and tariffs. Annually, customers eligible for this option must notify PSE&G no later than the second business day of January

of any given year to have BGS-CIEP as their default supply service option for the annual period beginning June 1st of that year. The BGS-RSCP default service will be available to residential and small and medium sized non-residential customers, specifically those served on Rate Schedules RS, RHS, RLM, WH, WHS, HS, BPL, BPL-POF, PSAL, GLP and LPL-Secondary (PLS less than 500 kW). The following sections describe the tariff sheets that would implement Public Service's BGS service

effective June 1, 2025.

BGS-RSCP

While Public Service is not proposing any change in the structure of the BGS-RSCP default supply service, the BGS Transmission Charges continue to be shown separately. The form of the BGS-RSCP tariff sheets is included in Attachment 1 and are indicated as Sheet Nos. 75, 76, and 79. Once the results of the BGS-RSCP Bid are finalized, the values on these tariff sheets will be updated reflecting the results of the bid.

As indicated on these form of tariff sheets, the BGS-RSCP default service is made up of several components: BGS Energy Charges, BGS Capacity Charges, BGS Transmission Charges, and the BGS Reconciliation Charges. These charges will apply for usage in the calendar months of June through September, or October through May, as applicable.

BGS Energy Charges

The values of the BGS Energy charges applicable to Rate Schedules RS, RHS, RLM, WH, WHS, HS, BPL, BPL-POF and PSAL include the costs related to energy, ancillary services and generation capacity costs. This overall approach is a continuation of the current approved methodology of recovering all electric supply service costs in the kilowatt-hour charges for these rate schedules.

Typically, the generation capacity costs used in the development of the BGS-RSCP rates are the relevant

current wholesale market prices for capacity based on the average, 2025/2026, 2026/2027, and 2027/2028 Base Residual Auction ("BRA") results under the Reliability Pricing Model ("RPM") applicable to load served in the PSEG zone. This process has been impacted in recent years by delays in conducting the BRAs – resulting in the need for contract supplements with Capacity Proxy Prices for delivery years with delayed BRAs.

Due to the postponement of the BRAs, contracts from the 2023 and 2024 BGS auctions contained supplements with Capacity Proxy Prices. With the prior postponements of the BRAs for the 2025/2026 Delivery Year and the 2026/2027 Delivery Year, a Capacity Proxy Price of \$44.63 per MW-Day was used in place of the 2025/2026 BRA value in the 2023 contracts, while a Capacity Proxy Price of \$47.46 per MW-Day was used in place of the 2025/2026 BRA value and a Capacity Proxy Price of \$49.05 per MW-Day was used in place of the 2026/2027 BRA value in the 2024 contracts.

On July 30, 2024, PJM reported the results of the 2025/2026 BRA with a Zonal Capacity Price of \$270.35 per MW-day. On November 8, 2024, FERC issued an order approving an October 15, 2024 request from PJM to delay the 2026/2027 BRA from December 2024 until June 2025, as well as delay future capacity auctions through the 2029/2030 delivery year. Given the continued delay in the schedule of these BRAs, a Capacity Proxy price of \$270.35 per MW-Day has been used in place of the prices paid for capacity for 2026/2027 and 2027/2028 Delivery Years, respectfully.

Further, given the results of the BRA for the 2025/2026 delivery year are now known, and as the Board approved Supplement A to the BGS-RSCP Supplier Master Agreement in its November 21, 2024 Board Order in this matter (the "November BGS Order")³, Supplement A is now null and void.

³ In the Matter of the Provision of Basic Generation Service (BGS) for the Period Beginning June 1, 2025, BPU Docket No. ER24030191, Decision and Order (November 21, 2024).

For Energy Year (EY) 2027, as Supplement B to the BGS-RSCP Supplier Master Agreement was also approved by the BPU in its November BGS Order, if the BRA for the 2026/2027 Delivery has not occurred at least 5 business days prior to the BGS-RSCP Auction, payments to BGS-RSCP Suppliers will be adjusted for the difference between the "Zonal Capacity Price", which is the price paid by BGS-RSCP Suppliers for Capacity in the Company's PJM Zone, as may be determined under the Reliability Pricing Model or its successor or otherwise, and the Capacity Proxy Price for the 2026/2027 Delivery Year.

For Energy Year (EY) 2028, as Supplement C to the BGS-RSCP Supplier Master Agreement was also approved by the BPU in its November BGS Order, if the BRA for the 2027/2028 Delivery has not occurred at least 5 business days prior to the BGS-RSCP Auction, payments to BGS-RSCP Suppliers will be adjusted for the capacity price difference between the Zonal Capacity Price, which is the price paid by BGS-RSCP Suppliers for Capacity in the Company's PJM Zone, as may be determined under the Reliability Pricing Model or its successor or otherwise, and the Capacity Proxy Price for the 2027/2028 Delivery Year.

PSE&G will file new tariff sheets for EY 2026 reflecting the impact of this price adjustment, in a manner similar to Attachment 4, Page 1 ("Attach 4 P1")– Development of Capacity Proxy Price True Up - \$/MWh. The rate design spreadsheets include the formulas that will be used to reflect the impact of payments made pursuant to the Supplements. Attachment 4, Pages 2 and 3 ("Attach 4 P2", "Attach 4 P3") are illustrative examples of how of how the Capacity Proxy Price True Up will be calculated for EY 2027 and EY 2028 respectively and prospectively.

The Supplements to the SMAs signed by BGS-RSCP Suppliers in February 2023 and February 2024 are still in effect for approximately two-thirds of the load for Energy Year 2026 (the year beginning June 1, 2025). Payments to BGS-RSCP Suppliers that executed the Supplements to the SMAs approved by the

BPU on November 9, 2022 and November 27, 2023 will be adjusted for the price difference between the price paid by BGS-RSCP Suppliers for Capacity in the Company's PJM Zone and the Capacity Proxy Price for the 2025/2026 Delivery Year. Upon the conclusion of the Third Incremental RPM Auction, or the RPM's successor or otherwise, the price paid by BGS-RSCP Suppliers for Capacity in the Company's PJM Zone will be known. At that time, PSE&G will file new tariff sheets reflecting the impact of the Supplements. The rate design spreadsheets include the formulas that will be used to reflect the impact of payments made pursuant to the Supplements executed by BGS-RSCP Suppliers in February 2023 and February 2024. The value of (\$270.35 per MW-day) is used as an approximation for the price paid by BGS-RSCP Suppliers for Capacity in the Company's PJM Zone for the 2025/2026 Delivery Year.

The generation capacity and transmission related costs will continue to be recovered through separate charges for customers on Rates GLP and LPL-Secondary (less than 500 kW) based on the customer specific assigned generation capacity and transmission obligation values. The resulting BGS Energy Charges applicable to this latter set of customers thus do not include the costs related to generation capacity and transmission service.

In order to more accurately reflect the costs of providing energy and other electric services when relying on the day-ahead PJM verses the real-time markets, the Company will apply two ancillary services costs, one applied to BGS-RSCP service and the other applied to BGS-CIEP service. A \$2.00 per MWh ancillary services rate is used in the calculation of the BGS-RSCP rates since it is more reflective of costs borne in the day-ahead market. Additionally, Renewable Portfolio Standard costs estimated to be \$21.82 per MWh are included in the calculation of the BGS-RSCP rates to reflect compliance costs. A BGS-CIEP ancillary services cost of \$6.00 per MWh is applied since it is more reflective of costs borne in the real-time market. The specific values that will be utilized for the BGS Energy Charges will be calculated from the winning BGS-RSCP bid prices for the Public Service zone. It is the intent of the EDCs that the factors in the tables will be applied to the tranche-weighted average winning bid prices adjusted for seasonal payment factors resulting from the auctions for BGS-RSCP with terms covering the period from June 1, 2025 to May 31, 2026. For example, for Public Service, for the period beginning June 1, 2025 the weighting will be based on the load (i.e., successfully bid tranches) at the 36-month prices from the 2023, 2024, and 2025 BGS-RSCP auctions, and the seasonal payment factors calculated in Attachment 2.

The tables will be updated annually, prior to future BGS auctions and utilized to develop customer charges for a related annual period in a similar manner as discussed above. The updates will reflect then current factors such as updated futures prices, factors based on 12- month data, and any changes in the customer groups and loads eligible for the BGS-RSCP class.

BGS Capacity Charges

These charges are the separate charges previously mentioned that are designed to recover the costs associated with generation capacity for customers served on Rate Schedules GLP and LPL-Secondary (less than 500 kW). These charges are expressed on a per-kW of generation capacity obligation basis. Typically, the generation capacity costs designed to be used in the development of the BGS-RSCP rates are the relevant current wholesale market prices for capacity based on the average, 2025/2026, 2026/2027, and 2027/2028 BRA for RPM results applicable to load served in the PSEG zone. This process has been impacted in recent years by delays in conducting the BRAs – resulting in the need for contract supplements with Capacity Proxy Prices for delivery years with delayed BRAs. Due to the postponement of the BRAs, contracts from the 2023 and 2024 BGS auctions contained supplements with Capacity Proxy Prices. With the prior postponements of the BRAs for the 2025/2026 Delivery Year and 2026/2027 Delivery Year, a Capacity Proxy Price of \$44.63 per MW-Day was used in place of the

2026/2026 BRA value in the 2023 contracts, while a Capacity Proxy Price of \$47.46 per MW-Day was used in place of the 2025/2026 BRA value and a Capacity Proxy Price of \$49.05 per MW-Day was used in place of the 2026/2027 BRA value in the 2024 contracts.

On July 30, 2024, PJM reported the results of the 2025/2026 BRA with a Zonal Capacity Price of \$270.35 MW-day. On November 8, 2024, FERC issued an order approving an October 15, 2024 request from PJM to delay the 2026/2027 BRA from December 2024 until June 2025, as well as delay future capacity auctions through the 2029/2030 delivery year. Given the continued delay in the schedule of these BRAs a Capacity Proxy Price of \$270.35 per MW-Day has been used in place of the prices paid for capacity for 2026/2027 and 2027/2028 Delivery Years, respectfully.

Given the results of the BRA for the 2025/2026 delivery year are now known, and as the Board approved Supplement A to the BGS-RSCP Supplier Master Agreement in its November BGS Order, Supplement A is now null and void.

For Energy Year (EY) 2027, as Supplement B to the BGS-RSCP Supplier Master Agreement was also approved by the BPU in its November BGS Order, if the BRA for the 2026/2027 Delivery has not occurred at least 5 business days prior to the BGS-RSCP Auction, payments to BGS-RSCP Suppliers will be adjusted for the difference between the "Zonal Capacity Price", which is the price paid by BGS-RSCP Suppliers for Capacity in the Company's PJM Zone, as may be determined under the Reliability Pricing Model or its successor or otherwise, and the Capacity Proxy Price for the 2026/2027 Delivery Year.

For Energy Year (EY) 2028, as Supplement C to the BGS-RSCP Supplier Master Agreement was also approved by the BPU in its November BGS Order, if the BRA for the 2027/2028 Delivery has not occurred at least 5 business days prior to the BGS-RSCP Auction, payments to BGS-RSCP Suppliers will be adjusted for the capacity price difference between the Zonal Capacity Price, which is the price paid by BGS-RSCP Suppliers for Capacity in the Company's PJM Zone, as may be determined under the Reliability Pricing Model or its successor or otherwise, and the Capacity Proxy Price for the 2027/2028 Delivery Year.

PSE&G will file new tariff sheets for EY 2026, EY 2027 and EY 2028, reflecting the impact of this price adjustment. The rate design spreadsheets include the formulas that will be used to reflect the impact of payments made pursuant to the Supplements.

The Supplements to the SMAs signed by BGS-RSCP Suppliers in February 2023 and February 2024 are still in effect for approximately two-thirds of the load for Energy Year 2026 (the year beginning June 1, 2025). Payments to BGS-RSCP Suppliers that executed the Supplements to the SMAs approved by the BPU on November 9, 2022 and November 27, 2023 will be adjusted for the price difference between the price paid by BGS-RSCP Suppliers for Capacity in the Company's PJM Zone and the Capacity Proxy Price for the 2025/2026 Delivery Year. Upon the conclusion of the Third Incremental RPM Auction, or the RPM's successor or otherwise, the price paid by BGS-RSCP Suppliers for Capacity in the Company's PJM Zone will be known. At that time, PSE&G will file new tariff sheets reflecting the impact of the Supplements. The rate design spreadsheets include the formulas that will be used to reflect the impact of payments made pursuant to the Supplements executed by BGS-RSCP Suppliers in February 2023 and February 2024. The value of (\$270.35 per MW-Day) is used as an approximation for the price paid by BGS-RSCP Suppliers for Capacity in the Company's PJM Zone for the 2025/2026 Delivery Year.

BGS Transmission Charges

Similar to the BGS Capacity Charges, the BGS Transmission Charges recover the customer specific costs associated with network transmission service for customers on Rates GLP and LPL-Secondary (less than 500 kW). The charge is based on the annual transmission rate for network service for the PSE&G zone,

as stated in PJM's Open Access Transmission Tariff (OATT), and as approved by the BPU for inclusion in the BGS Transmission Charge. The bids will exclude BGS Transmission Charges. PSE&G will file with the BPU to change the transmission cost components of the BGS charges to customers as FERC approves changes in the Network Integration Transmission Service rates for the PSE&G zone in the PJM OATT, or the FERC approves other network transmission-related charges in the PJM OATT at a minimum of twice per year for the rates to become effective January 1 and June 1 of each year. To the extent that there is a change to the payments required by PJM for transmission, either as a result of a change in the firm transmission rate or as a result of a cost reallocation, PSE&G will present an additional filing to the Board to change the transmission charge paid by BGS customers. PSE&G will review and verify the basis for any BGS transmission charge adjustment and will file supporting documentation from the OATT, as well as any rate translation spreadsheets used. For the BGS-RSCP energy only rates (Rate Schedules RS, RHS, RLM, WH, WHS, HS, BPL, BPL-POF and PSAL), upon BPU approval, changes in the OATT rate (per kW of transmission obligation) will be implemented by multiplying such change in the OATT rate by each rate class's ratio of the kW of transmission load of that class divided by the expected annual kWh of that class. The results, in dollars per kWh, will then be added to all BGS-RSCP Energy charges for each class.

In the event that PJM institutes a charge for transmission network service on an energy basis (per kWh), this charge will be added to the BGS-RSCP Energy charges for all kWhs for all rate schedules.

BGS Reconciliation Charge

The BGS Reconciliation Charge for the BGS-RSCP default service is explained in the prior Section II -Accounting and Cost Recovery and will be combined with the BGS-RSCP energy charge for billing on a monthly basis.

BGS-CIEP

The bid product in the 2024 BGS-CIEP auction will continue to be the Generation Capacity Cost, as it was in last year's BGS-CIEP auction. Public Service will continue the use of a value for the CIEP Standby Fee equal to 0.000150 dollars per kWh.

The form of tariff sheets for the Basic Generation Service – Commercial and Industrial Energy - Pricing (BGS-CIEP) are included in Attachment 1 and are indicated as Sheet Nos. 73, 82, and 83.

Similar to the BGS-RSCP, the charges for BGS-CIEP are comprised of several components: BGS Energy Charges, BGS Capacity Charges, BGS Transmission Charges, and the BGS Reconciliation Charges.

BGS Energy Charges

The primary component of this charge will be the actual PJM load-weighted average Residual Metered Load Aggregate Locational Marginal Price (LMP) of energy for the Public Service Transmission Zone. To this will be added an ancillary service cost (including PJM Administrative Costs) for the Public Service zone of \$6.00 dollars per MWh that was estimated as being reflective of ancillary service costs in the PSEG zone for energy purchased in the real time market. This sum will then be adjusted for losses. Because the LMPs are calculated to include a marginal loss component for the transmission system, a loss correction is performed. This is done by removing the mean hourly marginal transmission loss factor for the PSE&G transmission zone (equal to 0.91210%) from the BPU-approved PSE&G delivery tariff loss factors. The result is reflective of losses from the customer meter to the transmission nodes (at which the LMPs are calculated).

BGS Capacity Charges

These charges will recover the costs associated with generation capacity. The BGS Capacity Charge

component of the BGS-CIEP bid is set equal to the BGS-CIEP auction clearing price. These charges are expressed on a per-kW of generation capacity obligation basis.

Given the results of the BRA for the 2025/2026 delivery year are now known, and as the Board approved Supplement A to the BGS-CIEP Supplier Master Agreement in its November BGS Order, Supplement A is now null and void..

BGS Transmission Charges

BGS-CIEP Transmission Charges recover the customer specific costs associated with Transmission service for customers on BGS-CIEP. The charges are based on the annual transmission rate for network transmission service for the PSE&G zone, in PJM's Open Access Transmission Tariff (OATT), and as approved by the BPU for inclusion in the BGS-CIEP Transmission Charges. This charge is expressed as a monthly charge on a per-kW of transmission obligation basis. PSE&G will file with the BPU to change the transmission cost components of the BGS charges to customers as FERC approves changes in the Network Integration Transmission Service rates for the PSE&G zone in the PJM OATT, or the FERC approves other network transmission-related charges in the PJM OATT at a minimum of twice per year for the rates to become effective January 1 and June 1 or each year. To the extent that there is a change to the payments required by PJM for transmission, either as a result of a change in the firm transmission rate or as a result of a cost reallocation, PSE&G will present an additional filing to the Board to change the transmission charge paid by BGS customers. PSE&G will review and verify the basis for any BGS transmission charge adjustment and will file supporting documentation from the OATT, as well as any rate translation spreadsheets used.

BGS Reconciliation Charge

The BGS Reconciliation Charge for the BGS-CIEP default service is explained in the prior Section II -

Accounting and Cost Recovery and will be combined with the BGS-CIEP energy charge for billing on a monthly basis.

OTHER ITEMS

CIEP STANDBY FEE

PSE&G will continue to pay each BGS-CIEP supplier a CIEP Standby Fee, which is set at 0.000150 dollars per kWh times their pro-rata share of the total energy usage measured at the meters of all of PSE&G's customers whose default service option is limited to BGS-CIEP and those customers who have elected BGS-CIEP as their default supply.

A tariff sheet, included in Attachment 1 and indicated as Sheet No. 73, shows the CIEP Standby Fee as a Delivery Charge that is applicable to all customers having BGS-CIEP as their sole default supply service option and those customers who have elected BGS-CIEP as their default supply. This includes all customers served on Rate Schedules LPL-Secondary (peak load share of 500 kW or greater), LPL-Primary, HTS-Subtransmission, HTS-High Voltage, and all customers on Rate Schedules HS, GLP, and LPL-Secondary (less than 500 kW) that have elected the BGS-CIEP default supply option.

DESCRIPTION OF BGS PRICING SPREADSHEETS

As described in the generic write-up, the resulting charge for each BGS rate element (i.e. Rate RS summer charge, winter charge, etc.) for the non-hourly BGS supply service will generally be based on factors applied to the tranche-weighted average winning bid prices adjusted for seasonal payments. These factors have been developed based on the ratios of the estimated underlying market costs of each rate element (for each rate class) to the overall all-in BGS cost. The tables included in Attachments 2 and 3 present all of the input data, intermediate calculations, and the final results in the calculation of these factors.

The following is a description of the calculations shown in the spreadsheet titled "Development of BGS-RSCP Cost and Bid Factors for the 2025/2026 BGS Filing" and included as Attachment 2.

Table #1 (% Usage during PJM On-Peak Period) contains the percentage of on-peak load, inputted by month, for each rate schedule. The on-peak period as used in this table (referred to as PJM periods) is defined as the 16-hour period from 7 AM to 11 PM, Monday through Friday. All remaining weekday hours and all hours on weekends and holidays recognized by the National Electric Reliability Council (NERC) are considered the off-peak period. This is consistent with the time periods used in the forwards market for trading of bulk power. The values in this table for each month are the average on-peak percentages from the years 2021 and 2022 and 2023, as calculated from the same load research data used for retail settlement for current customers that have chosen to be supplied by a Third-Party Supplier (TPS). The average for a three-year period was used to reduce the variability of weather effects on the percentage from any single year.

Table #2 (% Usage During PSE&G On-Peak Billing Period) contains the percentage of on-peak load, by month, for each applicable rate schedule based on the definitions of time periods as contained in Public Service's delivery rate schedules. Since, excluding the hourly price BGS rates, only Rate Schedule RLM and LPL-Sec are billed on a time-of-day basis utilizing time periods, these are the only two columns in this table where data has been inputted. These are the percentage of actual on-peak kWh usage for the years, 2021, 2022, and 2023. As was done with Table #1, the three-year average was used to reduce the effects of weather in a particular year.

Table #3 (Class Usage @ customer) contains the total calendar month sales forecasted for the calendar year 2024 with a migration adjustment. The values in Table #3 will be updated in January 2025 to better reflect the amount by rate schedule that could be in effect starting on June 1, 2025. For Rate LPL-Secondary, these values have been reduced for the percentage of customers having a Peak Load Share of

500 kW or greater, and thus having BGS- CIEP as their default service. These monthly percentages were based on the 2023 monthly percentages of total actual sales for customers meeting this Peak Load Share threshold.

Table #4 (Forwards Prices – Energy Only @ Bulk System) contains the forward prices for energy, by time period and month for the BGS analysis period. These values are the most recent energy on-peak forwards values available for the PJM West trading hub for the period of June 2025 to May 2026 and the historical ratio of actual off-peak to on-peak PJM LMPs from August2021 through July 2024 and October 2021 through May 2024, for summer and winter periods, respectively.

An adjustment of the forwards prices contained in Table #4 is then made to correct for the effects of transmission congestion in the PJM system between the PJM West trading hub and the Public Service zone where the BGS supply will be utilized.

Table #5 (Congestion Factors) contains an estimate of the average congestion factors, by month and time period, which when multiplied by the prices at the PJM West trading hub will result in costs for power delivered into the Public Service zone. These Hub-to-Zone differentials are based on the average percent differences from August 2021 through July 2024r and October 2021 through May 2024, for summer and winter periods, respectively.

Table #6 (Losses) The factors utilized for total average losses, including PJM losses, are inputted in the upper portion of Table #6 (Losses) by rate schedule. Delivery loss factors used are those in the Company's filed tariff. PJM losses are the average percentage PJM EHV losses plus inadvertent energy for the three-year period June 2013 through May 2016, a value equal to 0.456%.

The lower portion of this table shows the derivation of the effective losses from the customer meter to the transmission nodes at which the LMPs are calculated. The loss factors shown are the Delivery loss

factors from the Company's filed tariff less the mean hourly marginal loss factors for the PSE&G transmission zone as calculated by PJM. The resulting loss factor is reflective of losses from the customer meter to the transmission nodes (at which the LMPs are calculated) and at which payments to the winning bidders are based. The marginal loss factors used above are actual marginal loss de-ration factors based May 2021 to April 2024 data adjusted for the portion of marginal losses attributed to PJM extra-high voltage.

Since the service for all of the rates indicated is at secondary voltages, the applicable loss factors are identical for all rates.

Table #7 (Summary of Average BGS Energy Only Unit Costs @ Customer – PJM Time Periods) is the calculation of the energy only costs by rate, time period and season. These values are the seasonal and time period average costs per MWh as measured at the customer billing meter (from Table #3), based on the forwards prices (from Table #4) corrected for congestion (from Table #5), losses (from Table #6), and monthly time period weights (from Table #1). These average costs do not include the costs associated with Ancillary Services, Renewable Portfolio Standard compliance, Generation Obligation or Transmission costs, which will be considered in subsequent calculations.

Table #8 (Summary of Average BGS Energy Only Costs @ Customer – PJM Time Periods) indicates the total value, in thousands of dollars, of the average BGS energy only costs. These are the results of the multiplication of the unit costs from Table #7, the monthly time period weights from Table #1 and the total sales to customers from Table #3.

Since the end result of these calculations are to be utilized in the development of retail BGS rates, the rates utilizing time-of-day pricing must be developed based upon the time periods as defined for billing. **Table #9** (Summary of Average BGS Energy Only Unit Costs @ Customer – PSE&G Time Periods) shows the result of the corrections for the two rates billed on a time-of-day basis, Rates RLM and LPL-Secondary (less than 500 kW). These values are calculated based on the assumption that the MWhs included in the PJM on-peak time period and not included in the PSE&G on-peak time periods are at the average of the on and off-peak PJM prices.

Table #10 (Generation & Transmission Obligations and Costs and Other Adjustments) The next steps set up the values necessary for the inclusion of the costs of the Generation Capacity and Transmission obligations. The top portion of Table #10 shows the total obligations with a migration adjustment, by rate schedule, that are currently being utilized in the year 2023. The values in the top portion of Table #10 will be updated in January 2025 to better reflect the aggregate amount by rate schedule that could be in effect on June 1, 2025. Similar to the methodology used in Table #3, the obligations for Rate LPL-Secondary have been reduced for the percentage of customers having a Peak Load Share of 500 kW or greater. The middle portion of this table shows the number of summer and winter days and months that are used in this analysis. The bottom portion of this table shows the annual cost for transmission service now to be zero and the average price of generation capacity, using the relevant RPM auction result for Delivery Year 2025/2026, the Capacity Proxy Price for Delivery Year 2026/2027, and the Capacity Proxy Price for Delivery Year 2027/2028. The Capacity Proxy Prices will be replaced with the Zonal Capacity Prices, which are the prices paid by BGS-RSCP Suppliers for Capacity for the , 2026/2027 and the 2027/2028 delivery years, when available as may be determined through the Reliability Pricing Model or its successor or otherwise.

The BGS Transmission Charge will now be set through separate filings as discussed in the BGS Transmission Charge sections. This table also shows the level of blocking in current BGS charges for Rates RS and RHS, which will be utilized in the later calculations of the blocking of the new BGS charges for these rates. The Company has previously objected to the blocking of these charges since there is no compelling cost basis for any such blocking. The Company proposes to keep blocking in this year's filing but wishes to note that it does not believe that there is a cost basis for doing so.

Table #11 (Ancillary Services and Renewable Portfolio Standard) An estimate of the effects of the costs of ancillary services and Renewable Portfolio Standard is included in the development of the final BGS rates. The values of \$2.00 per MWh and \$21.82 per MWh are used, respectively. Since the actual costs are a complex combination of many factors, this Board-approved estimate of the overall annual average value, expressed on a dollar per MWh basis, is used as a reasonable and practical alternative.

Table #12 (Summary of Obligation Costs Expressed as \$/MWh @ Customer – For Non- Demand Rates Only) shows the result of the allocation of both the transmission and generation costs on a per kWh basis to those rates whose BGS service will only be recovered through energy charges, Rates RS through BPL. The obligation costs for the rates not indicated in this table, Rates GLP and LPL-Sec, will be recovered directly through a distinct obligation charge based on a separate charge times each customer's assigned transmission and generation capacity obligation. The annual values are calculated as the total obligations (upper part of Table #10) times their costs (lower part of Table #10) divided by the appropriate total rate schedule MWh (from Table #3).

Table #13 (Summary of BGS Unit Costs @ Customer) is the result of the inclusion of the Transmission, Generation Capacity, Ancillary Services, and Renewable Portfolio Standard costs to the energy only costs shown in Table #9. The top portion of this table shows the total estimated all-in BGS costs for the non-demand rates (Rates RS, RHS, RLM, WH, WHS, HS, PSAL and BPL), whose BGS costs are proposed to be recovered on an energy only basis through kWh charges. The all-in costs for the residential non-time of day rates, Rates RS and RHS, are blocked in the summer based on the current level of BGS blocking inputted in Table #10 so as to maintain the same BGS rate differential that currently exists. The middle section shows the results for the demand rates (Rates GLP and LPL-Sec) whose BGS costs will be recovered through both energy charges on a per kWh basis and obligation charges on a per kW of obligation basis. The left-hand columns indicate the unit energy costs, while the right-hand columns indicate the obligation costs. The bottom portion of this table shows the total estimated costs for BGS, based on the assumptions utilized in the above tables, and the average per unit cost, as measured at the customer meters or the transmission nodes.

Table #14 (Ratio of BGS Unit Costs @ Customer to All-In Average Cost @ Transmission Nodes) indicates the ratio of the individual rate element costs from Table #13 to the overall all- in cost as measured at the transmission nodes, plus constants, where applicable. These bid factor ratios are a key element in the calculation of the actual BGS-RSCP charges and will be used in later tables to convert the winning bids into actual BGS rates charged to customers.

The top portion of this table indicates these ratios for the non-demand rates while the ratios for the demand rates are shown on the bottom portion of the table. Since the unit rates charged for generation and transmission obligation (as shown in the right-hand columns) for Rates GLP and LPL-Sec are not unitized but kept at the estimated market value, it is necessary to modify the energy ratios for these two rate classes to assure that the resulting overall revenue from charges to the customers equals the payment to suppliers. The first of the values indicated, the "multiplier" is utilized as a ratio, with the "constant" term an additive adjustment to the resulting value. For example, if the tranche weighted average winning bid prices adjusted for seasonal payment factors is \$112.514 per MWh and the GLP multiplier for summer is 0.999 and the constant is (\$31.394), the summer BGS rate charged customers would equal (\$112.514 * 0.999) - \$31.394, or \$81.007 (or \$81.01) per MWh.

Assumptions: This unnumbered table summarizes some of the most important assumptions utilized in the above calculations.

Table #15 (Summary of Total BGS Costs by Season) shows the calculation of the total BGS Costs,

utilizing the total customer usage from Table #3 and the all-in unit costs from Table #13. The lower left portion of this table indicates the relative percentage of total costs by season for all rate schedules, while the center shows the calculation of the overall average all-in seasonal unit costs on a dollar per MWh basis. The ratio of these overall average seasonal costs to the overall total cost, shown in the lower right-hand portion of this table, are the seasonal payment ratios upon which payments to the winning bidders are based. Since the normal calculation would produce an atypical result of a summer payment ratio (factor) that is lower than the winter payment ratio (factor) for the 2025/2026 BGS Supply Period, a factor of 1.0 will be used for both the summer and winter payment factors.

 Table #16 (Spreadsheet Error Checking) shows the reconciliation between the customer revenue

 calculation to the BGS supplier payments, utilizing an assumed winning bid price (as indicated) and the

 calculated summer-winter payment ratios, the customer usage from Table #3 and the all-in unit costs

 from Table #13.

 Table #17 (Total Supplier Energy @ transmission nodes) shows the calculation of the total supplier

 energy by season, utilizing the total customer usage from Table #3 and the meter to transmission node

 loss factors from the lower portion of Table #6.

The second spreadsheet used in the calculation of the final BGS-RSCP rates is included as Attachment #3 and is titled "Calculation of June 2025 to May 2026 BGS-RSCP Rates". The tables in this spreadsheet calculate the weighted average winning bid price and convert it into the final BGS-RSCP rates that are charged to customers. An explanation of each of the six tables, labeled as Table A through F, is as follows.

Table A (Auction Results) contains the results of the prior two BGS auctions as well as the results

 (shown with illustrative values) of the current auction. The Capacity Proxy Price True Up cost in \$ per

 MWh will be used to reflect the impact of payments made pursuant to the Supplements executed by

BGS Suppliers in February 2023 and February 2024. Upon conclusion of the Third Incremental RPM Auction through the Reliability Pricing Model or its successor or otherwise, the price paid by BGS-RSCP Suppliers for Capacity in the Company's PJM Zone will be known. The Capacity Proxy Price True-Up will then be determined by the price difference between the price paid by BGS-RSCP Suppliers for Capacity in the Company's PJM Zone and the Capacity Proxy Price for the 2025/2026 Delivery Year. The value of (\$270.35 per MW-Day) is used as an approximation for the price paid by BGS-RSCP Suppliers for Capacity in the Company's PJM Zone for the 2025/2026 Delivery Year.

Table B (Ratio of BGS Unit Costs @ Customer to All-In Average Cost @ transmission nodes) is a repeat of the values shown in Table #14 from Attachment 2, the bid factors calculated based on current market conditions.

Table C (Preliminary Resulting BGS Rates) contains the preliminary customer BGS-RSCP rates as the product of the weighted average bid price (from Table A) and the Bid Factors from Table B.

Table D (Revenue Recovery Calculations) contains a comparison of the total anticipated rate revenue billed to customers based on the preliminary BGS-RSCP rates developed in Table C and the anticipated total season payments to BGS suppliers, based on the data in Table A. The calculation of the kWh Rate Adjustment Factors are also done in this table, which are equal to the seasonal dollar differences between the anticipated billed revenue and supplier payments, divided by the total anticipated seasonal billed BGS-RSCP energy related charges.

Table E (Final Resulting BGS Rates) contains the final adjusted BGS-RSCP rates, which are equal to the preliminary BGS–RSCP rates shown in Table C times the seasonal kWh Rate Adjustment Factors that were developed in Table D.

Table F (Spreadsheet Error Checking) contains a comparison of the total anticipated rate revenue billed

to customers based on the final BGS-RSCP rates developed in Table E and the anticipated total season payments to BGS suppliers, based on the data in Table A.

B. PSE&G DIRECT CURRENT FAST CHARGING ("DCFC") BGS RATE PROGRAM

Program Description

In the November 9, 2022 BGS Board Order (Docket No. ER22030127), the Board directed the EDCs to work with interested parties to come to a consensus for a Direct Current Fast Charging ("DCFC") rate solution and to include a DCFC rate design proposal in the EDCs' 2024 BGS Auction filing. Discussions with interested parties regarding DCFC rate design were conducted during the winter and spring of 2023. As a result, PSE&G proposed a two-year DCFC BGS Rate pilot program that implements a cents per kWh charge for both Capacity and Transmission costs (referred to as the "Average kWh DCFC Charge") for DCFC stations that are served on BGS-RSCP or BGS-CIEP and that elect to participate in program. On November 17, 2023, the BPU approved this program, effective for the billing periods beginning in June 2024.

Program Term

The second year of the DCFC BGS Rate pilot program will begin with rates effective for the billing periods beginning in June of 2025 and ending in May of 2026. In its November BGS Order, the Board directed the EDCs to file proposals in the 2026 BGS proceeding to implement permanent DCFC programs or provide justification for ending the programs.

Enrollment

To gauge interest in this program, in early December 2023, PSE&G sent an email to all DCFC customers and sites notifying them of this optional program and that it was to begin in June 2024. The email contained a brief description of the program and stated that eligible customers currently being served on BGS will also be sent a second email containing additional information and a non-binding application. The second email explained that the enrollment would proceed in two stages: an initial non-binding application would have to be completed and submitted within two weeks, and a second stage would occur in March 2024 and would require the participants to make a binding agreement that would have to be signed and submitted before the end of March 2024. The application was designed to allow for a customer to place all its facilities on one application. In response, PSE&G received completed non-binding applications from 4 customers representing a total of 21 accounts and/or sites.

Once again, in March 2024, PSE&G repeated this process with a binding-application with a firm commitment date of March 31, 2024. Of the 4 customers representing 21 sites in the initial application process, 3 customers representing 15 accounts and/or sites committed to proceeding with this program.

Additional customer enrollment for the second year of the DCFC BGS Rate pilot, effective for the billing periods beginning in June 2025, will continue to be optional and is only applicable to DCFC charging stations that are individually metered (i.e., it is not applicable to DCFC charging stations that may be interconnected behind the meter of another load). BGS DCFC charging station customers that do not enroll in the DCFC BGS Rate will be served pursuant to the standard terms and conditions of the BGS-RSCP or BGS-CIEP tariff, as is applicable. Customers participating must enroll individual DCFC stations (i.e., each individually metered DCFC charging station) for the full two-year pilot program.

- Initial enrollment for the second year of the program must be in writing no later than December 20, 2024. Initial enrollments will be non-binding. PSE&G will publish instructions indicating the process by which EV installations may enroll in early December 2024.
- Final enrollment must be in writing no later than March 31, 2025 in accordance with PSE&G's final enrollment instructions. Final enrollment will be a fully binding commitment for participation in the second year of the program.

Following the 2025 BGS auction, PSE&G will provide to initial enrollees an updated rate estimate based on final auction results to inform final enrollment.

Program DCFC BGS Rates

The method for calculation the DCFC kWh Charge is shown in Attachment 5 will be used in the calculation of participating DCFC installations' capacity and transmission charges, only. All participants will continue to be billed for energy charges and all other rate components of BGS-RSCP or BGS-CIEP, as applicable, per the tariff. For the program that started in June 2024, the DCFC RSCP Rate is \$0.072315 per kWh and the DCFC CIEP Rate is \$0.090528 per kWh.

Capacity

The DCFC RSCP kWh rate for Capacity will be the BGS-RSCP Capacity price in \$/kW-month converted to a \$ per kWh charge using an average load factor based upon the latest available Capacity Obligation and historic twelve months' energy use for all PSE&G DCFC station customers. Similarly, the DCFC CIEP kWh rate for Capacity will be the BGS-CIEP Capacity price in \$/kW-month converted to a \$ per kWh charge using an average load factor based upon the latest available Capacity Obligation and historic twelve months' energy use for all PSE&G DCFC station customers.

Transmission

The DCFC Transmission price for both BGS-RSCP and BGS-CIEP is the same \$/kW-month therefore the DCFC Transmission rate will be the Transmission price in \$/kW-month converted to a \$ per kWh charge using the average load factor based upon the latest available Transmission Obligation and historic twelve months' energy use for all PSE&G DCFC station customers.

The DCFC charges will be updated periodically during the BGS process with the latest data available, to reflect changes to capacity and transmission prices, changes in DCFC load factors, changes in

participant load as well as any under / over recovery. Please see Attachment 5 for the calculation of the current kWh DCFC charge.

Monthly Billing and Accounting

On a monthly basis, the Company will calculate each participating EV station's BGS-RSCP or BGS-CIEP capacity and transmission charges two ways:

 The current BGS-RSCP method, or current BGS-CIEP method, as applicable to each participating EV installation, utilizing \$ per MW-day charges to calculate Capacity and Transmission charges. This current method will continue to be printed on the bill.
 The proposed Average kWh DCFC Charge methodology that utilizes average BGS-RSCP \$/kWh or average BGS-CIEP \$/kWh charges for Capacity and Transmission charges (described below), as applicable to each participating EV installation.

The result of subtracting the monthly calculated dollar amount of Item 1 from Item 2 listed above will be added to each DCFC customer's total monthly BGS supply bill for which the customer is responsible. This could result in a credit or charge. This dollar amount for all program participants will also be deferred and accumulated in the appropriate corresponding DCFC BGS-RSCP or DCFC BGS-CIEP reconciliation charges (applicable only to the enrolled EV installations, and collectively referred to as the "DCFC Reconciliation Charges").

The DCFC Reconciliation Charges will be forecasted to recover the over/under balances of the revenues and program implementation costs. The Company may modify the charges on a quarterly basis throughout the two-year term of the pilot as it deems appropriate based on actual and projected dollar differences between the two methods listed above. Interest will be calculated for the DCFC Reconciliation Charges similar to the manner in which interest is calculated for the BGS RSCP and BGS

CIEP Reconciliation Charges.

Implementation Costs and Contingency Costs

The remaining actual implementation costs for this program will be recovered from program participants as a component of monthly bills. The remaining implementation costs will be spread over a forecasted amount of kWh over the second year of the program along with a contingency cost of \$0.01 per kWh. A contingency fee of \$0.01 per kWh will also be billed to participants for the purposes of mitigating the potential for a balance of unbilled DCFC Reconciliation Charges costs at program end. The forecasted kWh will be based upon the latest available historic twelve months' energy use for participating DCFC station customers.

The implementation costs will be deferred in a separate deferred account and collect interest in the same manner the current BGS reconciliation charges. Each month, the amount collected in the DCFC rates described above will be transferred from the DCFC Reconciliation Charge Balances to the Implementation Cost Deferred Balance. The remaining Implementation Cost Deferred balance will be allocated to DCFC RSCP and CIEP Reconciliation Charge balances by their corresponding proportion of kWh sales during the entire program.

Cost Recovery

At program end, if the program is not continued and there remains a balance of DCFC Reconciliation Charges or Implementation Cost Deferred Balance, PSE&G will petition to seek recovery of these charges.

C. PSE&G RESIDENTIAL TIME OF USE RATES ("TOU") PILOT PROGRAM

Program Description

In its Rate Case Order, the Board approved PSE&G's request for a new three period ("3P") TOU

Residential rate structure, designed to be revenue neutral to the Residential RS rate and to provide for the closing of the RLM rate. As a result, a new BGS TOU rate will be needed for the supply portion of the proposed electric distribution rates filed in that case. This 3P rate structure will more closely align costs with cost causation, offer lower cost electricity to charge electric vehicles and may result in reducing future rates for all customers by encouraging the most efficient use of electricity at a fair and equitable cost.

The objective of the TOU rate is to create rates that would provide customers with a time of use pricing option that give customers the option to move some of their discretionary, relative to timing, usage to non-peak times, where lower pricing could be offered reflecting the lower costs to serve during off peak times. This time-dependent price option may be of interest to those customers for whom the off-peak pricing meets their usage patterns or for those customers willing to modify their usage pattern to take advantage of the lower non-peak rates. The development of the 3P rate are described in detail in the following Rate Design section.

Program Details

For each residential customer that opts into the 3P rate schedule, at the end of the initial 12-month period the Company will provide each customer with reporting showing his or her 12-month bill on the new 3P rate and what this 12-month bill would have been on the RS Rate Schedule. The customer will be offered a one-time refund of the difference if the 12-month bill on the 3P rate was higher compared to the RS Rate Schedule. The supply portion of the refund will be recording as a reduction to BGS revenue in the month it is granted to the customer (as utilized in the derivation of the BGS-RSCP reconciliation charge). This initial 12-month look back provision is incorporated to encourage customers to be more willing to try the 3P rate knowing they will not be financially disadvantaged, and after the initial 12-month period, customers can choose to revert back to the RS Rate Schedule if they wish. The initial 12

month look back provision would only be available to customers who take service under the 3P rate during the first 24 months that the rate is available to customers. There will be a requirement for customer to stay on the new 3P rate for a period of 12 months. After being on the rate for a minimum of 12 months, customers would also be able to choose to switch back to the RS Rate Schedule at any time.

Implementation Costs

All implementation costs related to the 3P rate have been requested through the Company's TOU Proposal in the base rate case. It is not anticipated that any incremental cost will be incurred to implement the 3P BGS rate.

Rate Design

Since this is the initial rate, the rate is being designed to be revenue neutral to the RS rate class as well as using the RS rate class load profile. The revenue was allocated to Capacity and Energy components based upon the underlying cost components in the BGS model. Capacity costs were designed to collected on-peak period for the 3P TOU rates.

Energy Costs were designed to be collected over their corresponding time periods. RPS and Ancillary costs were design to be collected over all time periods.

Once there are customers receiving BGS under the new 3P rate, the actual load profile of the rate will be used in rate design in future BGS years, similar to the existing rate classes being served. The detailed rate design for the 3P TOU rate can be found in Attachment 6

IV. CONCLUSION

In connection with the approval of this filing, the Company requests that the Board determine:

1. It is necessary and in the public interest for the electric public utilities to secure service for the BGS-RSCP and BGS-CIEP customers, as approved herein, for the period June 1, 2025 to

May 31, 2028.

- The Company's proposed accounting for BGS is approved for purposes of accounting and BGS cost recovery.
- 3. The proposed BGS Contingency Plan is approved, and there will exist a presumption of prudence with respect to the BGS Auction Plan method and the costs incurred for BGS service under the Auction Plan and the related Contingency Plan.
- 4. The Company's Rate Design Methodology and Tariff Sheets are approved.
- 5. The Company's continuation of the DCFC BGS Rate Program and cost recovery are approved.
- The Company's PSE&G Residential Time of Use Rates ("TOU") Pilot Program and related supply rates.

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V. ATTACHMENT 1 - TARIFF SHEETS

"Form Of" BGS-RSCP, BGS-CIEP and CIEP Standby Fee tariff sheets

(Pages 1 through 7)

B.P.U.N.J. No. 17 ELECTRIC

Original Sheet No. 73

COMMERCIAL AND INDUSTRIAL ENERGY PRICING (CIEP) STANDBY FEE

APPLICABLE TO:

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

Charge (per kilowatt-hour)

Commercial and Industrial Energy Pricing (CIEP) Standby Fee	\$ 0.000150
Charge including New Jersey Sales and Use Tax (SUT)	<u>\$ 0.000160</u>

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

Kilowatt threshold noted above is based upon the customer's Peak Load Share of the overall summer peak load assigned to Public Service by the Pennsylvania-New Jersey-Maryland Office of the Interconnection (PJM). See Section 9.1, Measurement of Electric Service, of the Standard Terms and Conditions of this Tariff.

B.P.U.N.J. No. 17 ELECTRIC

XXX Sheet No. 75

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

APPLICABLE TO:

Default electric supply service for Rate Schedules RS, RHS, RLM, WH, WHS, HS, BPL, BPL-POF, PSAL, GLP and LPL-Secondary (less than 500 kilowatts).

BGS ENERGY & CAPACITY CHARGES:

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

	For usage in each of the		For usage in each of the	
	months of		months of	
	October through May		June throug	<u>gh September</u>
	Energy &		Energy &	
Rate	Capacity	Charges	Capacity	Charges
<u>Schedule</u>	<u>Charges</u>	Including SUT	<u>Charges</u>	Including SUT
RS – first 600 kWh	\$ x.xxxxxx	\$ x.xxxxxx	\$ x.xxxxxx	\$ x.xxxxxx
RS – in excess of 600 kWh	X.XXXXXX	X.XXXXXX	X.XXXXXX	X.XXXXXX
RHS – first 600 kWh	X.XXXXXX	X.XXXXXX	X.XXXXXX	X.XXXXXX
RHS – in excess of 600 kWh	X.XXXXXX	X.XXXXXX	X.XXXXXX	X.XXXXXX
RLM On-Peak	X.XXXXXX	X.XXXXXX	X.XXXXXX	X.XXXXXX
RLM Off-Peak	X.XXXXXX	X.XXXXXX	X.XXXXXX	X.XXXXXX
WH	X.XXXXXX	X.XXXXXX	X.XXXXXX	X.XXXXXX
WHS	X.XXXXXX	X.XXXXXX	X.XXXXXX	X.XXXXXX
HS	X.XXXXXX	X.XXXXXX	X.XXXXXX	X.XXXXXX
BPL	X.XXXXXX	X.XXXXXX	X.XXXXXX	X.XXXXXX
BPL-POF	X.XXXXXX	X.XXXXXX	X.XXXXXX	X.XXXXXX
PSAL	X.XXXXXX	X.XXXXXX	X.XXXXXX	X.XXXXXX

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

Kilowatt threshold noted above is based upon the customer's Peak Load Share of the overall summer peak load assigned to Public Service by the Pennsylvania-New Jersey-Maryland Office of the Interconnection (PJM). See Section 9.1, Measurement of Electric Service, of the Standard Terms and Conditions of this Tariff.

Date of Issue:

Effective:

B.P.U.N.J. No. 17 ELECTRIC

XXX Sheet No. 76

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

(Continued)

BGS TRANSMISSION CHARGES:

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

	For usage in all months		
Rate <u>Schedule</u>	Transmission <u>Charges</u>	Charges Including SUT	
RS	\$ x.xxxxxx	\$ x.xxxxxx	
RHS	X.XXXXXX	X.XXXXXX	
RLM On-Peak	X.XXXXXX	X.XXXXXX	
RLM Off-Peak	X.XXXXXX	X.XXXXXX	
WH	X.XXXXXX	X.XXXXXX	
WHS	X.XXXXXX	X.XXXXXX	
HS	X.XXXXXX	X.XXXXXX	
BPL	X.XXXXXX	X.XXXXXX	
BPL-POF	X.XXXXXX	X.XXXXXX	
PSAL	X.XXXXXX	X.XXXXXX	

The above charges shall recover all costs related to the overall summer peak transmission load assigned to the Public Service Transmission Zone by the PJM Interconnection, L.L.C. (PJM) as adjusted by PJM assigned transmission capacity related factors and allocated to the above Rate Schedules. These charges will be changed from time to time on the effective date of such change to the PJM rate for charges for Network Integration Transmission Service, including the PJM Seams Elimination Cost Assignment Charges, the PJM Reliability Must Run Charge and PJM Transmission Enhancement Charges as approved by Federal Energy Regulatory Commission (FERC).

BGS ENERGY CHARGES:

Applicable to Rate Schedules GLP and LPL-Sec.

Charges per kilowatt-hour:

For usage in	For usage in each of the		in each of the
month	months of		nths of
October thr	<u>ough May</u>	June throug	<u>gh September</u>
Rate	Charges		Charges
Schedule Charges I	ncluding SUT	<u>Charges</u>	Including SUT
GLP \$ x.xxxxx	\$ x.xxxxxx	\$ x.xxxxxx	\$ x.xxxxxx
GLP Night Use x.xxxxxx	X.XXXXXX	X.XXXXXX	X.XXXXXX
LPL-Sec. under 500 kW			
On-Peak x.xxxxx	X.XXXXXX	X.XXXXXX	X.XXXXXX
Off-Peak x.xxxxx	X.XXXXXX	X.XXXXXX	X.XXXXXX

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

Kilowatt thresholds noted above are based upon the customer's Peak Load Share of the overall summer peak load assigned to Public Service by the Pennsylvania-New Jersey-Maryland Office of the Interconnection (PJM). See Section 9.1, Measurement of Electric Service, of the Standard Terms and Conditions of this Tariff.

Date of Issue:

Effective:

B.P.U.N.J. No. 17 ELECTRIC

XXX Sheet No. 79

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

(Continued)

BGS CAPACITY CHARGES:

Applicable to Rate Schedules GLP and LPL-Sec. Charges per kilowatt of Generation Obligation:

Charge applicable in the months of June through September	\$ x.xxxx
Charge including New Jersey Sales and Use Tax (SUT)	<u>\$ x.xxxx</u>
Charge applicable in the months of October through May	\$ x.xxxx
Charge including New Jersey Sales and Use Tax (SUT)	\$ x.xxxx

The above charges shall recover each customer's share of the overall summer peak load assigned to the Public Service Transmission Zone by the PJM Interconnection, L.L.C. (PJM) as adjusted by PJM assigned capacity related factors and shall be in accordance with Section 9.1. Measurement of Electric Service, of the Standard Terms and Conditions.

BGS TRANSMISSION CHARGES

Applicable to Rate Schedules GLP and LPL-Sec. Charges per kilowatt of Transmission Obligation:	
Currently effective Annual Transmission Rate for	
Network Integration Transmission Service for the Public	
Service Transmission Zone as derived from the	
FERC Electric Tariff of the PJM Interconnection, LLC	\$ xxx,xxx.xx per MW per year
EL05-121	\$ xx.xx per MW per month
FERC 680 & 715 Reallocation	\$ x.xx ber MW ber month
PJM Seams Elimination Cost Assignment Charges	
PJM Reliability Must Run Charge	
PJM Transmission Enhancements	······+ ····+ ····+ ····+ ····+ ····+ ····+ ····+ ·····+ ·····+ ·····+ ·····+ ···+ ····+ ····+ ····+ ····+ ····+ ····+ ····+ ····+ ····+ ····+ ····+ ····+ ····+ ····+ ····+ ····+ ···+ ···+ ···+ ···+ ····+ ····+ ··+ ···+ ···+ ···+ ··+ ···+ ···+ ···+ ···+ ··+ ···+ ···+ ···+ ···+ ···+ ···+ ···+ ··+ ···+ ···+ ··+ ···+ ···+ ···+ ···+ ··+ ···+ ···+ ···+ ···+ ··+ ···+ ···+ ···+ ··+ ···+ ···+ ···+ ··+ ···+ ···+ ···+ ··+ ···+ ···+ ···+ ··+ ···+ ···+ ···+ ··+ ···+ ···+ ··+ ··+ ··+ ··+ ··+ ···+ ··+ ··+ ···+ ··+ ··+ ··-+ ···-+ ···-+ ·· ·· ·· ·· ·· ··
Trans-Alleghenv Interstate Line Company	\$ xx.xx per MW per month
Virginia Electric and Power Company	\$ xx.xx per MW per month
Midcontinent Independent System Operator	\$ x.xx per MW per month
PPL Electric Utilities Corporation	\$ xxx.xx per MW per month
American Electric Power Service Corporation	\$ xx.xx per MW per month
Atlantic City Electric Company	\$ x.xx ber MW ber month
Delmarva Power and Light Company	
Potomac Electric Power Company	
Baltimore Gas and Electric Company	\$ x.xx per MW per month
Jersev Central Power and Light	\$ xx.xx per MW per month
Mid Atlantic Interstate Transmission	\$ x.xx per MW per month
PECO Energy Company	\$ xx.xx per MW per month
Silver Run Electric. Inc.	\$ xx.xx per MW per month
Northern Indiana Public Service Company	\$ x.xx per MW per month
Commonwealth Edison Company	\$ x.xx per MW per month
South First Energy Operating Company	\$ x.xx per MW per month
Duquesne Light Company	\$ x.xx per MW per month
Transource Pennsylvania LLC.	\$ x.xx per MW per month
,	• • • • • • • • • • • • • • • • • • •

Above rates converted to a charge per kW of Transmission

The above charges shall recover each customer's share of the overall summer peak transmission load assigned to the Public Service Transmission Zone by the PJM Interconnection, L.L.C. (PJM) as adjusted by PJM assigned transmission capacity related factors and shall be in accordance with Section 9.1, Measurement of Electric Service, of the Standard Terms and Conditions. These charges will be changed from time to time on the effective date of such change to the PJM rate for charges for Network Integration Transmission Service, including the PJM Seams Elimination Cost Assignment Charges, the PJM Reliability Must Run Charge and PJM Transmission Enhancement Charges as approved by Federal Energy Regulatory Commission (FERC).

Date of Issue:

Effective:

B.P.U.N.J. No. 17 ELECTRIC

XXX Sheet No. 80

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

DCFC RSCP RATE PROGRAM – CAPACITY AND TRANSMISSION CHARGE Applicable to Rate Schedules GLP and LPL-Sec. Charges per kilowatt-hour:

Charge Charge SUT \$x.xxxxx \$x.xxxxx

The above charge is for customers who operate DCFC Stations to serve electric vehicles only and who elect to be included in the DCFC BGS Rate Program. BGS energy charges still apply.

The above charges shall recover each customer's share of the overall summer peak transmission load assigned to the Public Service Transmission Zone by the PJM Interconnection, L.L.C. (PJM) as adjusted by PJM assigned transmission capacity related factors and shall be in accordance with Section 9.1, Measurement of Electric Service, of the Standard Terms and Conditions. These charges will be changed from time to time on the effective date of such change to the PJM rate for charges for Network Integration Transmission Service, including the PJM Seams Elimination Cost Assignment Charges, the PJM Reliability Must Run Charge and PJM Transmission Enhancement Charges as approved by Federal Energy Regulatory Commission (FERC).

Effective:

B.P.U.N.J. No. 17 ELECTRIC

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

APPLICABLE TO:

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

BGS ENERGY CHARGES:

Charges per kilowatt-hour:

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

- The real time PJM Load Weighted Average Residual Metered Load Aggregate Locational Marginal Prices for the Public Service Transmission Zone, adjusted for losses (tariff losses, as defined in Standard Terms and Conditions Section 4.3, adjusted to remove the mean hourly PJM marginal losses of <u>0.912100.79690</u>%), and adjusted for SUT, plus
 Ancillary Services (including PJM Administrative Charges) at the rate of \$0.006000 per
- Ancillary Services (including PJM Administrative Charges) at the rate of \$0.006000 per kilowatt-hour, adjusted for losses (tariff losses, as defined in Standard Terms and Conditions Section 4.3, adjusted to remove the mean hourly PJM marginal losses of 0.912100.79690%), and adjusted for SUT, plus

BGS CAPACITY CHARGES:

Charges per kilowatt of Generation Obligation:

Charge applicable in the months of June through September\$	xx.xxxx
Charge including New Jersey Sales and Use Tax (SUT)	XX.XXXX

Charges applicable in the month	ns of October through Ma	ay\$	XX.XXX
Charges including New Jersey S	Sales and Use Tax (SUT) <u>\$</u>	XX.XXX

The above charges shall recover each customer's share of the overall summer peak load assigned to the Public Service Transmission Zone by the PJM Interconnection, L.L.C. (PJM) as adjusted by PJM assigned capacity related factors and shall be in accordance with Section 9.1, Measurement of Electric Service, of the Standard Terms and Conditions.

B.P.U.N.J. No. 17 ELECTRIC

XXX Sheet No. 83

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

(Continued)

BGS TRANSMISSION CHARGES

Charges per kilowatt of Transmission Obligation:

Currently effective Annual Transmission Rate for

\$ xxx,xxx.xx per MW per year
\$ xx.xx per MW per month
\$ x.xx per MW per month
\$ x.xx per MW per month
\$ x.xx per MW per month
\$ xx.xx per MW per month
\$ xx.xx per MW per month
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\$ x.xx per MW per month
\$ x.xx per MW per month
•

Obligation, applicable i	n all months	\$ XX.XXXX
Charge including New Jersev	Sales and Use Tax (SUT)	\$ xx.xxxx

DCFC CIEP RATE PROGRAM – CAPACITY AND TRANSMISSION CHARGE

Charges per kilowatt-hour:

	Charge
Charge	Including SUT
\$x.xxxxxx	\$x.xxxxxx

The above charge is for customers who operate DCFC Stations to serve electric vehicles only and who elect to be included in the DCFC BGS Rate Program. BGS energy charges still apply.

The above charges shall recover each customer's share of the overall summer peak transmission load assigned to the Public Service Transmission Zone by the PJM Interconnection, L.L.C. (PJM) as adjusted by PJM assigned transmission capacity related factors and shall be in accordance with Section 9.1, Measurement of Electric Service, of the Standard Terms and Conditions. These charges will be changed from time to time on the effective date of such charge to the PJM rate for charges for Network Integration Transmission Service, including the PJM Seams Elimination Cost Assignment Charges, the PJM Reliability Must Run Charge and PJM Transmission Enhancement Charges as approved by Federal Energy Regulatory Commission (FERC).

Kilowatt threshold noted above is based upon the customer's Peak Load Share of the overall summer peak load assigned to Public Service by the Pennsylvania-New Jersey-Maryland Office of the Interconnection (PJM). See Section 9.1, Measurement of Electric Service, of the Standard Terms and Conditions of this Tariff.

Date of Issue:

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VI. ATTACHMENT 2 - SPREADSHEETS FOR THE DEVELOPMENT OF BGS COST BID

FACTORS

(Pages 1 through 7)

Development of BGS-RSCP Cost and Bid Factors for 2025/2026 BGS Filing Adjusted to Billing Time Periods

				Based on average	ge of year 2021, 1	2022 & 2023 Loa	d Profile Informat	ion			
Table #1	% Usage During PJM On-Peak Period			On-Peak periods	s defined as the 1	6 hr PJM Trading	g period, adj for N	ERC holidays			
		Profile Meter	Profile Meter	Profile Meter	Profile Meter	Profile Meter	Profile Meter			Profile Meter	Profile Meter
		Data	Data	Data	Data	Data	Data	Other Analysis	s	Data	Data
	(data rounded to nearest .01%)	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	GLP	LPL-S
	January	47.20%	45.87%	46.33%	47.20%	47.20%	46.87%	30.00%	30.00%	52.60%	50.90%
	February	48.83%	46.50%	47.83%	48.83%	48.83%	47.13%	29.20%	29.20%	53.87%	52.63%
	March	50.87%	49.30%	48.97%	50.87%	50.87%	50.30%	26.33%	26.33%	56.67%	54.73%
	April	51.03%	50.40%	49.10%	51.03%	51.03%	51.40%	22.90%	22.90%	56.07%	54.17%
	May	45.13%	45.47%	44.27%	45.13%	45.13%	50.47%	19.50%	19.50%	52.07%	49.77%
	June	54.20%	55.17%	54.40%	54.20%	54.20%	62.00%	20.70%	20.70%	59.67%	56.70%
	July	52.60%	53.30%	52.73%	52.60%	52.60%	60.00%	19.50%	19.50%	57.20%	54.10%
	August	53.27%	54.00%	53.53%	53.27%	53.27%	61.00%	21.50%	21.50%	58.13%	54.77%
	September	50.33%	51.60%	50.50%	50.33%	50.33%	58.33%	23.80%	23.80%	57.00%	54.63%
	October	49.23%	49.43%	48.13%	49.23%	49.23%	53.80%	26.17%	26.17%	55.63%	53.63%
	November	47.97%	47.17%	47.03%	47.97%	47.97%	48.63%	30.53%	30.53%	54.37%	52.53%
	December	49.50%	48.00%	49.00%	49.50%	49.50%	48.43%	32.30%	32.30%	54.67%	52.83%

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

On-Peak periods as defined in specified rate schedule (average of %s for 2021, 2022 & 2023) Profile Meter Profile Meter N/A N/A Data N/A N/A N/A N/A N/A N/A Data (data rounded to nearest .01%) RS RHS RLM WH WHS HS PSAL BPL GLP LPL-S 0% 0% 42% 0% 0% 0% 0% 0% 0% 46% January February 0% 0% 42% 0% 0% 0% 0% 0% 0% 46% March 0% 0% 41% 0% 0% 0% 0% 0% 46% 0% 0% 0% 0% 42% 0% 0% 0% 0% 0% 47% April 0% 0% 43% 0% 0% 0% 0% 0% 0% 48% May 0% 0% June 0% 0% 46% 0% 0% 0% 0% 49% 0% 0% 0% 0% 0% 0% 0% July 48% 0% 49% 0% 0% 0% 48% 0% 0% 0% 0% 0% 48% August September 0% 0% 49% 0% 0% 0% 0% 0% 0% 49% October 0% 0% 46% 0% 0% 0% 0% 0% 0% 49% 0% 0% 43% 0% 0% 0% 0% 0% 0% November 48% 0% 0% 0% 0% 0% 0% December 0% 42% 0% 47%

Based on average of year 2021, 2022 & 2023 Load Profile Information

Table #3 Class Usage @ customer

Calendar month sales forecasted for 2	025, less % for LPL-Sec >	500 kW Peak Lo	oad Share							< 500 kW
in MWh	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	GLP	LPL-S
January	1,121,492	12,422	14,247	55	1	1,657	14,910	31,151	531,647	445,035
February	943,089	9,973	12,197	53	1	1,361	11,882	29,306	498,617	407,025
March	914,188	7,639	11,831	59	1	1,113	11,649	27,223	533,581	427,818
April	752,016	3,826	9,990	51	1	620	9,193	23,864	458,953	370,143
Мау	874,037	3,246	12,272	54	0	386	8,838	19,584	482,213	426,819
June	1,222,208	3,601	17,689	41	1	424	7,865	19,801	530,906	421,693
July	1,647,699	4,970	23,582	34	1	583	7,759	18,302	628,844	485,005
August	1,590,636	4,648	20,856	37	1	527	8,575	17,475	599,871	499,467
September	1,154,055	3,562	15,521	42	0	410	9,258	21,614	529,601	428,544
October	828,787	4,116	11,069	25	0	440	10,722	23,241	475,303	406,504
November	850,672	7,473	10,275	53	0	683	11,426	25,784	460,827	394,535
December	1,064,630	10,017	12,591	52	1	1,048	10,253	23,848	500,710	421,744
Total	12,963,509	75,494	172,120	556	8	9,253	122,330	281,193	6,231,073	5,134,333

Table #4	Forwards Prices - Energy Only @ bulk sys	tem				Table #5	Zone to Western	Hub Basis Diffe	rential		
	in \$/MWh, not including PJM losses		Off/On Pk	Resulting							
	, , , , , , , , , , , , , , , , , , ,	On-Peak	LMP ratio	Off-Peak			On-Peak	Off-Peak			
	January	75.40	0.8166	61.572			82%	88% N	YMEX Forwards (N	lovember 1, 2024)	from NERA
	February	64.90	0.8166	52,998			82%	88%			
	March	49.65	0.8166	40 544			82%	88% 0	ongestion Factors a	& On/Off Peak Rati	os
	indi on	10.00	0.0100	10.011			0270	5070 8	ummer Months: (Jun -	Sen) averaged from	Aug 2021 - Jul
	April	46.20	0.8166	37.727			82%	88% 20	024	oop) avolagoa liolii i	lug 2027 00.
								и	(inter Months: (Mar - N	lav & Oct - Feb) avera	aged from Oct
	Мау	49.95	0.8166	40.789			82%	88% 20	021 - May 2024		
	June	49.55	0.6055	30.000			80%	88%			
	July	68.70	0.6055	41.595			80%	88%			
	August	60.45	0.6055	36.600			80%	88%			
	September	50.35	0.6055	30.485			80%	88%			
	October	48.20	0.8166	39.360			82%	88%			
	November	47.95	0.8166	39,156			82%	88%			
	December	56.50	0.8166	46.138			82%	88%			
Table #6		DC	DUE	DIM	14/11	MUC		DCAL	PDI	CL P	
Table #0	Losses	RO P IM FUN/ Jacob	KIDS	KLIW	VV T	WHS	пэ	PSAL	BPL	GLP	LPL-5
	nom meter to bulk system (includes Delivery		S)	0.00040/	0.00040/	0.00040/	0.00040/	0.00040/	0.00040/	0.00040/	0.00040/
	Loss Factors =	6.2621%	6.2621%	6.2621%	6.2621%	6.2621%	0.2021%	6.2621%	6.2621%	6.2621%	0.2021%
	Expansion Factor =	1.066804	1.066804	1.066804	1.066804	1.066804	1.066804	1.066804	1.066804	1.066804	1.066804
	1 / Expansion Factor =	0.937379	0.937379	0.937379	0.937379	0.937379	0.937379	0.937379	0.937379	0.937379	0.937379
	from meter to transmission node (includes D	elivery less mean h	ourly PJM margin	nal losses)							
	Loss Factors =	4.9659%	4.9659%	4.9659%	4.9659%	4.9659%	4.9659%	4.9659%	4.9659%	4.9659%	4.9659%
	Expansion Factor =	1.052254	1.052254	1.052254	1.052254	1.052254	1.052254	1.052254	1.052254	1.052254	1.052254
	1 / Expansion Factor =	0.950341	0.950341	0.950341	0.950341	0.950341	0.950341	0.950341	0.950341	0.950341	0.950341

Table #7 Summary of Average BGS Energy Only Unit Costs @ customer - PJM Time Periods

based on Forwards prices corrected for congestion & all losses - PJM time periods in \$/MWh

	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	GLP	LPL-S
Summer - all hrs \$	42.14 \$	42.27 \$	42.19 \$	40.82 \$	43.06 \$	43.43 \$	35.92 \$	35.78 \$	42.60 \$	42.04
PJM on pk \$	50.18 \$	50.15 \$	50.20 \$	48.64 \$	51.06 \$	50.15 \$	48.62 \$	48.42 \$	49.62 \$	49.52
PJM off pk \$	33.18 \$	33.19 \$	33.21 \$	32.15 \$	33.91 \$	33.20 \$	32.45 \$	32.32 \$	32.92 \$	32.89
Winter - all hrs \$	45.79 \$	47.74 \$	45.63 \$	45.39 \$	48.03 \$	48.19 \$	44.75 \$	44.54 \$	45.58 \$	45.44
PJM on pk \$	48.72 \$	50.78 \$	48.66 \$	48.30 \$	50.90 \$	51.07 \$	49.63 \$	49.40 \$	48.10 \$	48.10
PJM off pk \$	43.01 \$	45.00 \$	42.89 \$	42.63 \$	45.21 \$	45.45 \$	42.90 \$	42.70 \$	42.56 \$	42.50
Annual \$	44.21 \$	46.53 \$	44.08 \$	44.12 \$	46.17 \$	47.19 \$	42.34 \$	42.14 \$	44.49 \$	44.23
System Total \$	44.26									

Table #8 Summary of Average BGS Energy Only Costs @ customer - PJM Time Periods

based on Forwards prices corrected for congestion & all losses in \$1000

m \$1000	RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	GLP	LPL-S
Summer - all hrs	236,578 \$	709 \$	3,276 \$	6\$	0\$	84 \$	1,202 \$	2,762 \$	97,523 \$	77,124
PJM on pk \$	148,398 \$	451 \$	2,061 \$	4 \$	0 \$	59 \$	349 \$	802 \$	65,845 \$	49,970
PJM off pk \$	88,180 \$	259 \$	1,215 \$	2 \$	0 \$	26 \$	852 \$	1,960 \$	31,678 \$	27,154
Winter - all hrs	336,514 \$	2,803 \$	4,311 \$	18 \$	0\$	352 \$	3,977 \$	9,086 \$	179,668 \$	149,949
PJM on pk \$	174,249 \$	1,415 \$	2,185 \$	9 \$	0 \$	182 \$	1,213 \$	2,767 \$	103,315 \$	83,498
PJM off pk \$	162,266 \$	1,388 \$	2,126 \$	9 \$	0\$	170 \$	2,764 \$	6,320 \$	76,352 \$	66,451
Annual \$	573,092 \$	3,513 \$	7,587 \$	25 \$	0 \$	437 \$	5,179 \$	11,848 \$	277,191 \$	227,072
System Total \$	1,105,944									

Table #9 Summary of Average BGS Energy Only Unit Costs @ customer - PSE&G Time Periods

based on Forwards prices corrected for congestion & all losses - PSE&G billing time periods in \$/MWh

		RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	GLP	LPL-S
Summer - all hrs PSE& PSE&	\$ G On pk G Off pk	42.14	\$ 42.27 \$ \$ \$	42.19 \$ 51.10 34.03	40.82 \$	43.06 \$	43.43 \$	35.92 \$	35.78 \$	42.60 \$ \$ \$	42.04 50.57 33.90
Winter - all hrs PSE& PSE&	\$ G On pk G Off pk	45.79	\$	45.63 \$ 48.99 43.14	45.39 \$	48.03 \$	48.19 \$	44.75 \$	44.54 \$	45.58 \$ \$ \$	45.44 48.42 42.78
Annual Average System Average	\$ \$	44.21 \$ 44.26	\$ 46.53 \$	44.08 \$	44.12 \$	46.17 \$	47.19 \$	42.34 \$	42.14 \$	44.49 \$	44.23

Table #10	Generation & Transmission Obligations and Obligations - Peak Load shares eff 6/1/24, scalin	g factors eff 6/1/2	Adjustments	on Loads eff 1/1.	/24; costs are mark	et estimates		DCAL	PDI	CL D	Adj for PLS > 500 kW
		кə	кпэ	RLW	VVII	WHS	пэ	PSAL	BPL	GLP	LPL-5
	Gen Obl - MW	5,468.3	18.4	77.9	0.0	0.0	2.9	0.0	0.0	2,184.9	1,131.9
	Trans Obl - MW	4,467.4	15.1	61.9	0.0	0.0	2.4	0.0	0.0	1,765.8	903.7
	# of Months and Days used in this analysis										
		# of su	mmer days =	122	# of sum	mer months =	4				
		# of \	vinter days =	243	# of wi	nter months =	8				
					to	tal # months =	12				
	Transmission Cost	year round =	\$0.00 p	per MW-yr							
			Page								
			Canacity		Total Capacity						
	Generation Canacity cost	summer = \$	270 35	\$ -	\$ 270.35 \$/	MW/day					
	Contraction Capacity Cost	winter = \$	270.35	\$-	\$ 270.35 \$/	MW/day					
		•	210.00	•	¢ 2,0,00 ¢,						
		RS	RHS								
	% usage in Summer Blocks										
	Block 1 (0-600 kWh/m)	64.6%	66.1%		(based on W/N act	uals used in sett	ement and final ra	ate design of 201	8 Rate Case, rol	unded to .1%)	
	Block 2 (>600 kWh/m)	35.4%	33.9%								
	Required summer inversion =	0.8652	1.1569 ç	¢/kWh	(same as 2003/200	04 BGS blocking	inversion)				
Table #11	Ancillary Services & Renewable Power Cost										
	Ancillary Services	\$	2 00								
	Renewable Power Cost	\$	21.82								
	Total AncillaryServices & Renewable Power Cos	ts \$	23.82	oer MWh @ bul	lk system						
	Total AncillaryServices & Renewable Power Cos	its \$	23.82	oer MWh @ bul	lk system						

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

	RS	RHS		RLM		WH	WHS	HS	PSAL	BPL
Transmission Obl - all months	\$ -	\$ -	\$	-	\$	-	\$ -	\$ -	\$ -	\$ -
Generation Obl -										
per annual MWh	\$ 41.62	\$ 24.05	\$	99.36	\$	-	\$ -	\$ 30.93	\$ -	\$ -
recovery per summer MWh	\$ 32.12	\$ 36.17	\$	69.19	\$	-	\$ -	\$ 49.20	\$ -	\$ -
recovery per winter MWh	\$ 48.88	\$ 20.59	\$	127.20	\$	-	\$ -	\$ 26.06	\$ -	\$ -
		(Fo on-pe	r RLM, per eak kWh onl	у					

Table #13 Summary of BGS Unit Costs @ customer

NON-DEMAND RATES

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

in \$/MWh		RS		RHS	5	I	RLM		wн		WHS		HS		PSAL		BPL	
Summer - all hrs	PSE&G On pk	\$ 1	09.17	\$ 9	91.73	\$ ¢	175.87	\$	66.23	\$	68.47	\$	99.77	\$	61.34	\$	61.19	
Block 1 Block 2	(0-600 kWh/m) 2 (>600 kWh/m)	\$ 1 \$ 1	06.11 14.76	\$ 8 \$ 9	37.81 99.38	φ	59.44											
Winter - all hrs	PSE&G On pk PSE&G Off pk	\$ 1	12.83	\$ 9	97.21	\$ \$	173.76 68.55	\$	70.80	\$	73.44	\$	104.53	\$	70.16	\$	69.95	
Annual -all hrs		\$ 1	11.24	\$	95.99	\$	114.15	\$	69.53	\$	71.58	\$	103.53	\$	67.75	\$	67.55	
DEMAND RATES includes energy and Ancillary in \$/MWh	Services, G&T o	bligations	charge	ed separat	ely - ad	ljusted	d to billing	time	periods									
		GLF	•	LPL-	s							PLUS	5:		GLP		LPL-S	
Summer - all hrs	PSE&G On pk PSE&G Off pk	\$	68.01	\$ 6 \$ 7 \$ 5	67.45 75.98 59.31							<u>Gen (</u>	Cost summer winter	\$ \$	8.2457 8.2119 8.2231	\$ \$ \$	8.2457 8.2119 8.2231	per kW of G obl /month per kW of G obl /month
Winter - all hrs	PSE&G On pk PSE&G Off pk	\$	70.99	\$ 7 \$ 7 \$ 6	70.86 73.83 58.19							<u>Trans</u>	annuar s cost all months	э \$	-	\$	-	per kW of T obl /month
Annual - all hrs per MWh only	1	\$	69.90	\$ 6	69.64													
Including Generation Obligation Summer - all hrs	on \$ PSE&G On pk PSE&G Off pk	\$	99.41	\$ 8 \$ 11 \$ 5	37.74 17.56 59.31			Note	e: Obligation	\$ inc	cluded in Or	n pk co	osts					
Winter - all hrs	PSE&G On pk PSE&G Off pk	\$ 1 ¹	07.45	\$ 9 \$ 12 \$ 6	93.42 21.61 58.19													
Annual - including Gen Obl \$		\$ 1	04.50	\$	91.39													
ALL RATES																		

Grand Total Cost in \$1000 = \$ 2,617,651 All-In Average cost @ customer = \$ All-In Average costs @ transmission nodes = \$

104.75 per MWh at customer (per customer metered MWh) 99.55 per MWh at transmission nodes (per metered MWh at transmission node)

Table #14 Ratio of BGS Unit Costs @ customer to All-In Average Cost @ transmission nodes - rounded to 3 decimal places, unit obligation \$ rounded to 4 decimal places

NON-DEMAND RATES

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

		RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	
Summer - all hrs	PSE&G On pk PSE&G Off pk			1.767 0.597	0.665	0.688	1.002	0.616 Use weigl for all st	0.615 hted average reetlighting =	0.615
	All usage Multiplier Constant (in \$/MWh) \$ Constant (in \$/MWh) \$	1.097 (3.063) \$ 5.589 \$	0.921 (3.922) for 7.647 for	Block 1 (0-600 k Block 2 (>600 k\	Wh/m) usage Wh/m) usage					
Winter - all hrs	PSE&G On pk PSE&G Off pk	1.133	0.976	1.746 0.689	0.711	0.738	1.050	0.705 Use weigl for all st	0.703 hted average reetlighting =	0.704
Annual - all hrs		1.118	0.964	1.147	0.698	0.719	1.040	0.681	0.679	

DEMAND RATES

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

	GLP	GLP Constant (in	LPL-S	LPL-S Constant (in	PLUS:			
Summer - all hrs	Multiplier 0.999	\$/MWh) (31.394)	Multiplier	\$/MWh)	<u>Gen Cost</u>			
PSE&G O PSE&G O	pk pk	. ,	1.181 0.596	(41.574) -	summer \$ winter \$	8.2457 8.2119	\$ \$	8.2457 per kW of G obl /month 8.2119 per kW of G obl /month
Winter - all hrs PSE&G O PSE&G O	1.079 pk pk	(36.464)	1.222 0.685	(47.775)	<u>Trans cost</u> all months \$	-	s	- per kW of T obl /month
Annual - including Gen Obl \$	1.050		0.918					

Assumptions:

Gen Cost =	\$ 270.3 \$ 270.3	5 /MW day 5 /MW day	summer winter
Trans cost = Analysis time period =	\$-	per MW-yr 4 summer months 8 winter months	5
Ancillary Services & RPS =	\$ 23.8	2 per MWh	at assumption for compaction
Energy Costs =	based on For	wards @ PJIVI We	
Usage patterns =	torecasted 20	24 energy use by	class, PJM and PSE&G on/off % from 2021, 2022 & 2023 class load profiles
Obligations = Losses =	class totals in Delivery loss	effect as of filing es from tariff, PJM	date losses based on 3 year average % t to 11 PM weetdays, local time, x NEPC
FJW TIME FERIOUS -	holidays -	New Year's, Memo	rial, 4th of July, Labor Day, Thanksgiving & Christmas
PSE&G Billing time periods =	as per specif	c rate schedule	
NJ SUT (Sales & Use Tax) =	SUT exclude	d from all rates	

Table #15 Summary of Total BGS Costs by Season

	RS	RHS		RLM		WH		WHS		HS		PSAL		BPL	GLP		LPL-S
Total Costs by Rate - in \$1000																	
Summer	\$ 612,957	\$ 1,539	\$	8,939	\$	10	\$	0	\$	194	\$	2,052	\$	4,723	\$ 227,759	\$	161,079
Winter	\$ 829,154	\$ 5,707	\$	10,709	\$	28	\$	0	\$	764	\$	6,236	\$	14,270	\$ 423,372	\$	308,157
Total	\$ 1,442,111	\$ 7,247	\$	19,648	\$	39	\$	1	\$	958	\$	8,288	\$	18,994	\$ 651,131	\$	469,236
% of Annual Total \$ by Rate																	
Summer	43%	21%		45%		26%		36%		20%		25%		25%	35%		34%
Winter	57%	79%		55%		74%		64%		80%		75%		75%	65%		66%
Total Costs - in \$1000																	
Summer	\$ 1,019,253																
Winter	\$ 1,598,398																
Total	\$ 2,617,651																
															rounded to	4 de	ecimal places
% of Annual Total \$		If total \$ w	ere sp	olit on a per	MV	Vh basis (on tr	ans	mission nod	e M	Whs):							
Summer	39%		\$	97.39	per	MWh @ tran	s no	odes			Rat	io to All-In C	ost :	>>>	Summer		1.0000
Winter	61%		\$	100.97	per	MWh @ tran	s no	odes							Winter		1.0000

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

Assumed Winning Bid Price = Payment Ratio - Summer = Payment Ratio - Winter =	\$ 99.55 1.0000 1.0000		(bi	id includes pa	yme	ents for a	all lo:	sses)							
	RS	RHS		RLM		₩Н			WHS		нs		PSAL	BPL	GLP	LPL-S
Total Rate Revenue - in \$1000																
Summer	\$ 613,129	\$ 1,538	\$	8,940	\$		10	\$		0	\$	194	\$ 2,048	\$ 4,726	\$ 227,853	\$ 161,107
Winter	\$ 828,858	\$ 5,704	\$	10,713	\$		28	\$		0	\$	764	\$ 6,228	\$ 14,297	\$ 423,200	\$ 308,216
Total	\$ 1,441,986	\$ 7,243	\$	19,653	\$		39	\$		1	\$	958	\$ 8,277	\$ 19,022	\$ 651,053	\$ 469,322
Total Summer	\$ 1,019,545															
Total Winter	\$ 1,598,008															
Grand Total	\$ 2,617,553															
	RS	RHS		RLM		wн			WHS		нѕ		PSAL	BPL	GLP	LPL-S
Total Supplier Payment - in \$1000																
Summer	\$ 588,121	\$ 1,758	\$	8,133	\$		16	\$		0	\$	204	\$ 3,505	\$ 8,086	\$ 239,792	\$ 192,183
Winter	\$ 769,787	\$ 6,150	\$	9,896	\$		42	\$		1	\$	766	\$ 9,309	\$ 21,369	\$ 412,903	\$ 345,630
Total	\$ 1,357,908	\$ 7,908	\$	18,029	\$		58	\$		1	\$	969	\$ 12,814	\$ 29,455	\$ 652,695	\$ 537,814
Total Summer	\$ 1,041,798															
Total Winter	\$ 1,575,853															
Grand Total	\$ 2,617,651															
Difference (in \$1000) =	\$ (98)															

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

Table #17	Total Supplier Energy in MWh	@ transmission nodes
	Summer	10,465,410
	Winter	<u>15,830,280</u>
	Total	26,295,690

VII. ATTACHMENT 3 - SPREADSHEETS FOR THE CALCULATION OF BGS RATES

(Pages 1 through 6)

Calculation of June 2025 to May 2026 BGS-RSCP Rates

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NJ Sales & Use Tax (SUT) excluded

Table A Auction Results

adie A	Auction Results	r pc m	remaining ortion of 36 nonth bid -	r po m	emaining ortion of 36 oonth bid -			
line #	Specific BGS-RSCP Auction >>	20	23 auction	20	24 auction	20	025 auction	Notes:
1	Winning Bid - in \$/MWh	\$	93.11	\$	80.88	\$	108.37	Illustrative Only
1A	Capacity Proxy Price True-Up - in \$/MWh	\$	27.84	\$	27.49			entered after 2025 auction
1С	Total - in \$/MWh	\$	120.95	\$	108.37	\$	108.37	= line 1 + line 1A - line 1B
	(includes all payments, including impact	of PJ	M marginal lo	osse	s)			
2	# of Tranches for Bid		28		29		28	from then current Bid
3	Total # of Tranches Payment Factors		85		85		85	from then current Bid
4	Summer		1.0000		1.0000		1.0000	
5	Winter		1.0000		1.0000		1.0000	
	Applicable Customer Usage @ transmiss	ion n	odes - in MV	Nh				
6	Summer MWh		10,465,410					from Table #17 of the current Bid Factor Spreadsheet (Attachment 2)
7	Winter MWh		15,830,280					
	Total Payment to Suppliers - in \$1000							
8	Summer	\$	416,967	\$	386,941	\$	373,598	= ((1C * (2)/(3) * (4) * (6)) /1000
9	Winter	\$	630,716	\$	585,298	\$	565,115	= ((1C * (2)/(3) * (5) * (7)) /1000
10	lotal	\$	1,047,682	\$	972,238	\$	938,713	Note: \$ reflect total payment
	Average Payment to Suppliers - in \$/MWh							
11	Summer	\$	112.514					= sum(line 8) / (6) - rounded to 3 decimal places
12	Winter	\$	112.514					= sum(line 9) / (7) - rounded to 3 decimal places
13	Total weighted average	\$	112.514	<-	< used in ca Custome	alcu r Ra	lation of ates	= sum(line 10) / [(6) + (7)] rounded to 3 decimal places
	Reconciliation of amounts - in \$1000							
14	Weighted Average * Total MWh =	\$	2,958,633					= (13) * [(6)+(7)] / 1000
15	Total Payment to Suppliers =	= \$	2,958,633					= sum (line 10)
16	Difference =	= \$	-					= line (14) - line (15)

from Table #14 of the bid factor spreadsheet (Attachment 2)---

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

Calculation of June 2025 to May 2026 BGS-RSCP Rates

Illustrative Only

NJ Sales & Use Tax (SUT) excluded

Table B 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

		RS	RHS	RLM	WH	WHS	HS	PSAL	BPL	
Summer - all hrs	PSE&G On pk PSE&G Off pk			1.767 0.597	0.665	0.688	1.002	0.6 Use for	16 0.615 weighted average all streetlighting =	0.615
	All usage Multiplier Constant (in \$/MWh) \$ Constant (in \$/MWh) \$	1.097 (3.063) \$ 5.589 \$	0.921 (3.922) fo 7.647 fo	or Block 1 (0-600 or Block 2 (>600 I	kWh/m) usage kWh/m) usage					
Winter - all hrs	PSE&G On pk PSE&G Off pk	1.133	0.976	1.746 0.689	0.711	0.738	1.050	0.7 Use for	05 0.703 weighted average all streetlighting =	0.704
Annual - all hrs		1.118	0.964	1.147	0.698	0.719	1.040	0.6	31 0.679	

DEMAND RATES

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

		GLP Multiplier	GLP Constant (in \$/MWh)	LPL-S Multiplier	LPL-S Constant (in \$/MWh)	PLUS:	GLP		LPL-S	
Summer - all hrs		0.999	(31.394)			Gen Cost				
	PSE&G On pk			1.181	(41.574)	summer	\$ 8.	2231	8.2231	per kW of G obl /month
	PSE&G Off pk			0.596	-	winter	\$ 8.	2231 \$	8.2231	per kW of G obl /month
Winter - all hrs		1.079	(36.464)			Trans cost				
	PSE&G On pk			1.222	(47.775)	all months	\$	- 9	- 6	per kW of T obl /month
	PSE&G Off pk			0.685	-					
Annual - including T&G Obl \$		1.050		0.918						

Calculation of June 2025 to May 2026 BGS-RSCP Rates

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NJ Sales & Use Tax (SUT) excluded

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

rounded to 4 decimal places

NON-DEMAND RATES -----

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

		RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Summer - all hrs	PSE&G On pk PSE&G Off pk			19.8812 6.7171	7.4822	7.7410	11.2739	6.9196	6.9196
for Block 1 (0-600 kWh/m) usa for Block 2 (>600 kWh/m) usa	age ge	12.0365 12.9017	9.9703 11.1272						
Winter - all hrs	PSE&G On pk PSE&G Off pk	12.7478	10.9814	19.6449 7.7522	7.9997	8.3035	11.8140	7.9210	7.9210

DEMAND RATES -----

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

		GLP	LPL-S	PLUS:	GLP	LPL-S	
Summer - all hrs	PSE&G On pk PSE&G Off pk	8.1007	9.1305 6.7058	<u>Gen Cost</u> summer \$ winter \$	8.2231 8.2231	\$ 8.22 \$ 8.22	per kW of G obl /monthper kW of G obl /month
Winter - all hrs	PSE&G On pk PSE&G Off pk	8.4939	8.9717 7.7072	<u>Trans cost</u> all months \$	-	\$-	per kW of T obl /month

Calculation of June 2025 to May 2026 BGS-RSCP Rates

Illustrative Only

NJ Sales & Use Tax (SUT) excluded

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

	RS		RHS		RLM		WH		WHS		HS	PSAL		BPL
Total Preliminary Rate Revenue - in \$1000														
Summer	\$ 692,997	\$	1,739	\$	10,104	\$	12	\$	0	\$	219	\$	2,315	\$ 5,341
Winter	\$ 936,825	\$	6,448	\$	12,108	\$	32	\$	0	\$	864	\$	7,040	\$ 16,159
Total	\$ 1,629,822	\$	8,186	\$	22,213	\$	44	\$	1	\$	1,083	\$	9,355	\$ 21,500
	GLP	~	GLP				LPL-S	~	LPL-S					
	Energy \$	Or.	bligation \$			1	±nergy \$	0	bligation \$					
Summer	\$ 185.443	\$	71.867			\$	144.746	\$	37.231					
Winter	\$ 334,817	\$	143,733			\$	274,017	\$	74,462					
Total	\$ 520,260	\$	215,600			\$	418,763	\$	111,693					
	Enerav \$	Oł	ligation \$		Total \$									
Total Summer	\$ 1,042,917	\$	109,098	\$	1,152,014									
Total Winter	\$ 1,588,309	\$	218,195	\$	1,806,504									
Grand Total	\$ 2,631,226	\$	327,293	\$	2,958,519									
Total Supplier Payment - in \$1000														
Summer	\$ 1,177,505													
Winter	\$ 1,781,128													
Total	\$ 2,958,633				kWh Rate									
				1	Adjustment	ro	ounded to 5	5 de	cimal place	s				
Differences - in \$1000					Factors									
Summer	\$ 25,491				1.02444									
Winter	\$ (25,376)				0.98402									
Total	\$ 115													

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

Calculation of June 2025 to May 2026 BGS-RSCP Rates

Illustrative Only

NJ Sales & Use Tax (SUT) excluded

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

NON-DEMAND RATES -----

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

		RS	RHS	RLM	WH	WHS	HS	PSAL	BPL
Summer - all hrs	PSE&G On pk PSE&G Off pk			20.3671 6.8813	7.6651	7.9302	11.5494	7.0887	7.0887
for Block 1 (0-600 kWh/m) ι for Block 2 (>600 kWh/m) u	usage sage	12.3307 13.2170	10.2140 11.3991						
Winter - all hrs	PSE&G On pk PSE&G Off pk	12.5441	10.8059	19.3310 7.6283	7.8719	8.1708	11.6252	7.7944	7.7944

DEMAND RATES -----

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

		GLP	LPL-S	PLUS:	GLP	LPL-S
Summer - all hrs	PSE&G On pk PSE&G Off pk	8.2987	9.3536 6.8697	<u>Gen Cost</u> summer winter	\$8.2231 \$8.2231	\$8.2231 \$8.2231
Winter - all hrs	PSE&G On pk PSE&G Off pk	8.3582	8.8283 7.5840	<u>Trans cost</u> all months	\$0.0000	\$0.0000

Calculation of June 2025 to May 2026 BGS-RSCP Rates

Illustrative Only

NJ Sales & Use Tax (SUT) excluded

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

	RS	RHS		RLM	WH	WHS		HS	PSAL		BPL	GLP	LPL-S
Total Rate Revenue - in \$1000													
Summer	\$ 709,935	\$ 1,781	\$	10,351	\$ 12	\$	0	\$ 225	\$ 2	2,372	\$ 5,472	\$ 261,842	\$ 185,514
Winter	\$ 921,855	\$ 6,344	\$	11,915	\$ 32	\$	0	\$ 850	\$ 6	6,927	\$ 15,901	\$ 473,201	\$ 344,099
Total	\$ 1,631,790	\$ 8,126	\$	22,266	\$ 43	\$	1	\$ 1,074	\$ ę	9,299	\$ 21,373	\$ 735,043	\$ 529,613
Total Summer	\$ 1,177,504												
Total Winter	\$ 1,781,124												
Grand Total	\$ 2,958,628												
Total Supplier Payment - in \$1000													
Summer	\$ 1,177,505												
Winter	\$ 1,781,128												
Total	\$ 2,958,633												
Differences - in \$1000			%	difference									
Summer	\$ (1)			-0.0001%									
Winter	\$ (4)			<u>-0.0002%</u>									
Total	\$ (6)			-0.0002%									

VIII. ATTACHMENT 4 – DEVELOPMENT OF CAPACITY PROXY PRICE TRUE UP - \$/MWh

(Pages 1 through 5)

Development of Capacity Proxy Price True-Up - \$/MWh

	Capacity Proxy Price True-Up	Capacity Proxy Price True-Up	
	Development for Winning Suppliers De	evelopment for Winning Suppliers	
	from 2023 BGS-RSCP Auction	Irom 2024 BGS-RSCP Auction	
2025/2026 Delivery Year - Illustrative Data			
	2025/26	2025/26	
	Delivery Year	Delivery Year	Notes:
1 Zonal Capacity Price (\$/MW-day)	\$270.35	\$270.35	as may be determined by the RPM or its successor or otherwise
2 Capacity Proxy Price (\$/MW-day)	\$44.63	\$47.46	per Board Orders dated 11/09/2022 and 11/17/2023
2 Canacity Provy Price True Up \$/MW day	¢005 70	¢222.00	- line 1 line 2
A BCS-BSCB Con Obl - MW	\$223.72 8 884 3	\$222.09 8 884 3	
5 Dave in Year	365	365	
6 Capacity Proxy Price True-Up Annual Cost	\$731,957,932	\$722,780,894	= line 3 * line 4 * line 5
	····,,	··,·-·,·-·	
7 Eligible Tranches	28	29	from Table A
8 Total Tranches	85	85	from Table A
9 % of tranches eligible for payment	32.94%	34.12%	= line 7 / line 8
10 Capacity Proxy Price True-Up Cost	\$241,115,554	\$246,595,834	= line 6 * line 9
11 Total Applicable Customer Usage @ bulk system - in MWh	26,295,690	26.295.690	
12 Eligible Customer Usage @ bulk system - in MWh	8,662,110	8,971,471	= line 9 * line 11
13 Capacity Proxy Price True-Up - \$/MWh	\$27.84	\$27.49	= line 10/ line 12 - rounded to 2 decimal places

Development of Capacity Proxy Price True-Up - \$/MWh

	Capacity Proxy Price True-Up Development for Winning Suppliers from 2024 BGS-RSCP Auction	Capacity Proxy Price True-Up Development for Winning Suppliers from 2025 BGS-RSCP Auction (if needed)	
2026/2027 Delivery Year - Illustrative Data		(
	2026/27	2026/27	
	Delivery Year	Delivery Year	Notes:
1 Zonal Capacity Price (\$/MW-day)	\$280.00	\$280.00	as may be determined by the RPM or its successor or otherwise
2 Capacity Proxy Price (\$/MW-day)	\$49.05	\$270.35	per Board Orders dated 11/17/2023 and 11/21/2024
	\$ 222.25	A0 0 5	
3 Capacity Proxy Price True-Up - \$/MW-day	\$230.95	\$9.65	= line 1 - line 2
4 BGS-RSCP Gen Obl - MW	8,884.3	8,884.3	
5 Days in Year	365	365	
6 Capacity Proxy Price True-Up Annual Cost	\$748,917,616	\$31,292,726	= line 3 * line 4 * line 5
7 Eligible Tranches	29	28	from Table A
8 Total Tranches	85	85	from Table A
9 % of tranches eligible for payment	34.12%	32.94%	= line 7 / line 8
10 Capacity Proxy Price True-Up Cost	\$255,513,069	\$10,308,192	= line 6 * line 9
11 Total Applicable Customer Usage @ bulk system - in MWh	26,295,690	26,295,690	
12 Eligible Customer Usage @ bulk system - in MWh	8,971,471	8,662,110	= line 9 * line 11
13 Capacity Proxy Price True-Up - \$/MWh	\$28.48	\$1.19	= line 10/ line 12 - rounded to 2 decimal places

Development of Capacity Proxy Price True-Up - \$/MWh

2027/2028 Delivery Year - Illustrative Data	Capacity Proxy Price True-Up Development for Winning Suppliers from 2025 BGS-RSCP Auction (if needed)	
2021/2020 Denvery Tear - mustrative Data	2027/28	
	Delivery Year	Notes:
1 Zonal Capacity Price (\$/MW-day) 2 Capacity Proxy Price (\$/MW-day)	\$280.00 \$270.35	as may be determined by the RPM or its successor or otherwise per Board Order dated 11/21/2024
3 Capacity Proxy Price True-Up - \$/MW-day	\$9.65	= line 1 - line 2
4 BGS-RSCP Gen Obl - MW	8,884.3	
5 Days in Year	366	
6 Capacity Proxy Price True-Up Annual Cost	\$31,378,459	= line 3 * line 4 * line 5
7 Eligible Tranches	28	from Table A
8 Total Tranches	85	from Table A
9 % of tranches eligible for payment	32.94%	= line 7 / line 8
10 Capacity Proxy Price True-Up Cost	\$10,336,434	= line 6 * line 9
11 Total Applicable Customer Usage @ bulk system - in MWh	26.295.690	
12 Eligible Customer Usage @ bulk system - in MWh	8,662,110	= line 9 * line 11
13 Capacity Proxy Price True-Up - \$/MWh	\$1.19	= line 10/ line 12 - rounded to 2 decimal places

Table A With Additional Line Item

Calculation of June 2026 to May 2027 BGS-RSCP Rates

Illustrative Purposes Only

Table A	Auction Results							
		rem of 3	aining portion 6 month bid -	remain	ning portion month hid -	36	s month hid -	
line #	Specific BGS-RSCP Auction >>	20	024 auction	202	5 auction	2	026 auction	Notes:
1	Winning Bid - in \$/MWh 26/27 Conceity Brand Bride True up, in \$/MWh	\$	80.88	\$	108.37	\$	109.56	winning Bids
1B	Total - in \$/MWh	\$ \$	109.36	Գ \$	109.56	\$	109.56	= line 1 + line 1A
2	# of Tranches for Bid		29		28		28	from then current Bid
3	Total # of Tranches		85		85		85	from then current Bid
	Payment Factors							
4	Summer		1.0000		1.0000		1.0000	from then current Bid Factor Spreadsheet (Attachment 2)
5	Winter		1.0000		1.0000		1.0000	from then current Bid Factor Spreadsheet (Attachment 2)
	Applicable Customer Usage @ bulk system - in MWh							
6	Summer MWh		10,465,410					from current Bid Factor Spreadsheet (Attachment 2)
7	Winter MWh		15,830,280					
	Total Payment to Suppliers - in \$1000							
8	Summer	\$	390,476	\$	377,700	\$	377,700	= (1B * (2)/(3) * (4) * (6)) / 1000
9	Winter	\$	590,645	\$	571,320	\$	571,320	= (1B * (2)/(3) * (5) * (7)) / 1000
10	Total	\$	981,120	\$	949,021	\$	949,021	
	Average Payment to Suppliers - in \$/MWh							
11	Summer	\$	109.49					= sum(line 8) / (6) - rounded to 2 decimal places
12	Winter	\$	109.49					= sum(line 9) / (7) - rounded to 2 decimal places
13	Total weighted average	\$	109.49	<<< u	used in calcula Customer Rat	ation tes	of	= sum(line 10) / [(6) + (7)] rounded to 2 decimal places

Table A With Additional Line Item

Calculation of June 2027 to May 2028 BGS-RSCP Rates

Illustrative Purposes Only

Table A	Auction Results							
line #	Specific BGS-RSCP Auction >>	remaii of 36 202	ning portion month bid - 5 auction	re O	emaining portion f 36 month bid - 2026 auction	30 2	6 month bid - 2027 auction	Notes:
1	Winning Bid - in \$/MWh	\$	108.37	\$	109.56	\$	109.56	winning Bids
1A	27/28 Capacity Proxy Price True-up - in \$/MWh	\$	1.19					entered after 2027 BGS Auction
1B	Total - in \$/MWh	\$	109.56	\$	109.56	\$	109.56	= line 1 + line 1A
2	# of Tranches for Bid		28		28		29	from then current Bid
3	Total # of Tranches		85		85		85	from then current Bid
	Payment Factors							
4	Summer		1.0000		1.0000		1.0000	from then current Bid Factor Spreadsheet (Attachment 2)
5	Winter		1.0000		1.0000		1.0000	from then current Bid Factor Spreadsheet (Attachment 2)
	Applicable Customer Usage @ bulk system - in MWh							
6	Summer MWh		10,465,410					from current Bid Factor Spreadsheet (Attachment 2)
7	Winter MWh		15,830,280					
	Total Payment to Suppliers - in \$1000							
8	Summer	\$	377,700	\$	377,700	\$	391,190	= (1B * (2)/(3) * (4) * (6)) / 1000
9	Winter	\$	571,320	\$	571,320	\$	591,725	= (1B * (2)/(3) * (5) * (7)) / 1000
10	Total	\$	949,021	\$	949,021	\$	982,914	
	Average Payment to Suppliers - in \$/MWh							
11	Summer	\$	109.56					= sum(line 8) / (6) - rounded to 2 decimal places
12	Winter	\$	109.56					= sum(line 9) / (7) - rounded to 2 decimal places
13	Total weighted average	\$	109.56	<	<< used in calcula Customer Rat	ation es	ı of	= sum(line 10) / [(6) + (7)] rounded to 2 decimal places

IX. ATTACHMENT 5 – DEVELOPMENT OF AVERAGE kWh DCFC CHARGE - \$/kWh

(Page 1)

DEVELOPMENT OF AVERAGE kWh DCFC CHARGE - \$/kWh PUBLIC SERVICE ELECTRIC AND GAS COMPANY DCFC Capacity & Transmission Average Rate Estimate

Capacity Transmission Notes RSCP CIEP line # Rates \$/kW-mo¹ **13.7104** = PSEG Electric Tariff No. 17 1 1.5312 11.5118 Load Factors² 80% 80% 2 81% = DCFC Customer Data Avg Capacity Cost 0.002621 0.019702 0.023170 = 12 x (Line 1 / 8760 /Line 2) 3 Avg Trans Cost 0.023170 = line 3 Transmission 4 0.023170 Cap & Trans Cost 0.042872 = line 3 + line 4 5 0.025791 Implementation 0.032031 0.032031 6 = see footnote 4 Contingency³ 7 \$/kwh 0.010000 0.010000 Input Subtotal w/out SUT 8 0.067822 0.084903 = line 5 + line 6 + line 7 9 Under/(Over) Balance - \$ Input _ Forecasted kWh 10 Input Under/(Over) Rate w/o SUT 0.000000 0.000000 = line 9 / line 10 11 0.084903 12 Total w/o SUT 0.067822 = line 8 + line 11 13 Total w/ SUT 0.072315 0.090528 = line 12 * (1 + SUT%)

¹Current DCFC rate in effect

²Load factors based upon 2022 DCFC population actuals

³Added contingency to account for lower 1st year Capacity and Transmission obligations

⁴Implementation Cost Calculation

400 Cost \$k

6,244 2022 BGS usage - MWh

2 Years of pilot

0.032031 \$/kWh

12/5/2024

X. ATTACHMENT 6 – DEVELOPMENT OF THREE PERIOD KWH RATES - \$/kWh

(Page 1)

Attachm	ient <u>6</u>		3 pd rate										Page 1 of 1
			\$/k	Wh		\$k		7					
Total	Notes		summer \$/	winter	summer	Winter	Total	-					
		Days			122	243	365			\$/MWh RS Co	ost from BG	s model	
\$610,572	Capacity	on-peak	0.19298	0.31962	204,082	406,491	610,572		Capacity	37.4% <mark>\$</mark>	41.62	\$ 0.0416	
		mid-peak							Total	\$	111.24		
		off-peak										Input energy of	only
												S	W
1,021,217	Energy	on peak	0.10722	0.08125	505,853	515,364	1,021,217		Energy	62.6%		0.07017	0.04702
		mid peak	0.08322	0.07499			1.0515	- 1	Taget to Zero			0.04878	0.04144
		off-peak	0.06627	0.06660			Change this ce	ll in goal seek				0.03367	0.03396
								_					
1,631,790	Total Generation	on peak	0.3002	0.4009	709,935	921,855	1,631,790						
		mid peak	0.0832	0.0750				-					
		off-peak	0.0663	0.0666									
							Load Shape						
			Summer	Winter			Summer	Winter	Total				
	MWh	on peak	1,057,503	1,271,793	2,329,297		18.83%	17.31%	17.97%				
		mid peak	3,547,057	4,484,730	8,031,788		63.18%	61.03%	61.96%				
		off-peak	1,010,037	1,592,388	2,602,425		17.99%	21.67%	20.08%				
		All	5,614,598	7,348,911	12,963,509		100.00%	100.00%	100.00%				

Rate Sum	mary - C		1.06625 S	UT Factor			
kWh Rates		w/o SUT	w/ SUT				
Rate	Period	Summer	Winter	Summer	Winter		
3P	on peak	0.300202	0.400870	0.320091	0.427427		
	mid peak	0.083224	0.074990	0.088737	0.079958		
	off-peak	0.066274	0.066599	0.070665	0.071012		