



November 1, 2024

In the Matter of the Petition of  
Public Service Electric and Gas Company  
for Approval of Electric and Gas Rate Adjustments  
Pursuant to the Infrastructure Advancement Program

BPU Docket No. \_\_\_\_\_

***VIA BPU E-FILING SYSTEM & ELECTRONIC MAIL***

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

Dear Secretary Golden:

Enclosed for filing on behalf of petitioner Public Service Electric and Gas Company is the Petition, Testimonies of Edward Gray, Craig Bartley and Stephen Swetz, and the Supporting Schedules in the above-referenced proceeding.

Please be advised that workpapers are being provided via electronic version only. Please be advised that Attachment 3 – Schedule SS-IAP-7E and Attachment 3 – Schedule SS-IAP7G are confidential and will be provided to the parties upon receipt of the Non-Disclosure Agreement, which is enclosed here.

Consistent with the Order issued by the Board in connection with In the Matter of the New Jersey Board of Public Utilities' Response to the COVID-19 Pandemic for a Temporary Waiver of Requirements for Certain Non-Essential Obligations, BPU Docket No. EO20030254, Order dated March 19, 2020, this document is being filed electronically with the Secretary of the Board and the New Jersey Division of Rate Counsel. No paper copies will follow.

Very truly yours,

A handwritten signature in blue ink, appearing to read "Danielle Lopez", with a long, sweeping flourish extending from the end.

C Attached service list (via e-mail)

PSE&G Service List  
Infrastructure Advancement Program  
Docket No.

Page 1 of 2

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PSE&G Service List  
Infrastructure Advancement Program

Page 2 of 2

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**STATE OF NEW JERSEY  
BOARD OF PUBLIC UTILITIES**

IN THE MATTER OF THE PETITION OF )	
PUBLIC SERVICE ELECTRIC AND GAS )	BPU DOCKET NO.
COMPANY FOR APPROVAL OF )	
ELECTRIC AND GAS RATE )	
ADJUSTMENTS PURSUANT TO THE )	
INFRASTRUCTURE ADVANCEMENT )	
PROGRAM )	

**VERIFIED PETITION**

Public Service Electric and Gas Company (“PSE&G,” “the Company,” or “Petitioner”), a corporation of the State of New Jersey, having its principal offices at 80 Park Plaza, Newark, New Jersey, respectfully petitions the New Jersey Board of Public Utilities (“Board” or “BPU”) pursuant to *N.J.S.A. 48: 2-21*, or any other statute the Board deems applicable, as follows:

**INTRODUCTION AND OVERVIEW OF THE FILING**

1. Petitioner is a public utility engaged in the distribution of electricity and the provision of electric Basic Generation Service (“BGS”), and distribution of gas and the provision of Basic Gas Supply Service (“BGSS”), for residential, commercial and industrial customers within the State of New Jersey. PSE&G provides service to approximately 2.3 million electric and 1.9 million gas customers in an area having a population in excess of 6.2 million persons and that extends from the Hudson River opposite New York City, southwest to the Delaware River at Trenton, and south to Camden, New Jersey.

2. Petitioner is subject to Board regulation for the purposes of setting its retail distribution rates and to assure safe, adequate, and reliable electric distribution and natural gas distribution service pursuant to *N.J.S.A. 48:2-21 et seq.*

3. PSE&G is filing this Petition seeking Board approval for cost recovery associated with the Company's Infrastructure Advancement Program ("IAP" or "Program"). The IAP Program was approved in a Board Order dated June 29, 2022 in BPU Docket Nos. EO21111211 and GO21111212 ("IAP Order"). In this Order, the Board adopted a Stipulation that authorizes four (4) rate adjustments over the term of the Program. To effectuate the cost recovery process for the IAP Rate Mechanism investments, the Company was directed to provide Board Staff and Rate Counsel with not less than 60 days' notice prior to the filing of a rate recovery petition. In accordance with the aforementioned provision of the Stipulation, on August 30, 2024, the Company provided notice of its intent to file an IAP rate adjustment request by no earlier than November 1, 2024 for rates effective no earlier than May 1, 2024. Stipulation, paragraph 20.

### **BACKGROUND**

4. On November 4, 2021, the Company filed a petition with the Board seeking approval of an Infrastructure Advancement Program ("IAP" or "Program") and an associated cost recovery mechanism for a four (4)-year period with a total investment level of approximately \$848 million ("IAP Filing") in accordance with the Board's Infrastructure Investment Program ("IIP") rules, N.J.A.C. 14:3-2A. By this IAP Filing, the Company proposed Program investments to enhance safety, reliability, and/or resiliency, and modernize the Company's electric and gas delivery systems through twelve (12) electric Projects and one (1) gas Project.

5. The Petition proposed an estimated investment of \$708 million in electric infrastructure and \$140 million in gas infrastructure over four (4) years, with cost recovery based upon the Board's IIP rules.

6. The proposed Program included twelve (12) electric projects and one (1) gas project, as summarized below:

<b>Subprogram</b>	<b>Project</b>	<b>Cost</b>
Electric Outside Plant Subprogram	Buried Underground Distribution Cable Replacement Project	\$80 million
	Spacer Cable Conversion Project	\$42 million
	Lashed Cable Replacement Project	\$14 million
	Pole Upgrade Project	\$32 million
	Spacer Upgrade Project	\$15 million
	Conventional Underground Cable Replacement Project	\$23 million
	Open Wire Secondary Upgrade Project	\$36 million
	Voltage Optimization Project	\$55 million
Substation Modernization Subprogram	26kV Station Upgrade Project	\$33 million
	West Orange Switching Station Project	\$72 million
	4kV Substation Modernization Project	\$172 million
EV Charging Infrastructure Subprogram	EV Charging Infrastructure Project	\$134 million
Gas Metering and Regulating Station Modernization Subprogram	Gas Metering and Regulating Station Modernization Project	\$140 million

7. PSE&G also proposed to maintain annual baseline capital spending levels of \$248 million annually for electric investments, and \$176 million annually for gas investments, pursuant to N.J.A.C. 14:3-2A.3.

8. The Company's proposed cost recovery mechanism would create new electric and gas IAP rate components of the Company's IIP Charges for its electric and gas tariffs with semi-annual rate adjustment filings beginning October 31, 2022.

9. By Order dated December 15, 2021, the Board determined that the Petition should be retained by the Board for hearing and, pursuant to N.J.S.A. 48:2-32, designated Commissioner Mary-Anna Holden as the presiding officer authorized to rule on all motions that arise during the pendency of the proceedings and modify any schedules.

10. Following proper notice, two (2) virtual public hearings were held on May 5, 2022. The public hearings were well attended by the public, the parties, and municipal officials. The Board also received written public comments from two (2) entities regarding the Program.

11. Following extensive discovery and several settlement meetings, the Signatory Parties executed a stipulation of settlement ("Stipulation") resolving this matter on June 23, 2022.

12. This Stipulation, approved by the IAP Order on June 29, 2022, provided that the IAP Program will include an investment level of up to \$351 million recovered through the stipulated cost recovery mechanism described below. The IAP Order also approved investment of up to an additional \$160 million on certain capital projects during the Program term that will not be recovered through the IAP Rate Mechanism, but that will be considered Stipulated Base expenditure to be recovered in the Company's next base rate case. Of that \$351 million, \$281.2 million will be spent on the Company's Electric Outside Plant and Substation Modernization Subprograms. The remaining \$69.8 million will be used to complete the four (4) gas M&R station upgrades specified in the Stipulation.

13. In total, the Company was authorized to spend \$511 million to complete the Program, with \$351 million within the IAP Rate Mechanism and \$160 million within Stipulated

Base. All prudently incurred costs on IAP projects above \$511 million will count toward baseline capital expenditures as discussed in paragraph 13 of the Stipulation.

14. Under the Stipulation approved by the IAP Order, specific IAP subprogram investment levels shall be up to the following amounts:

Subprogram	\$ Million
<b>A. IAP Electric</b>	
<b>Electric Outside Plant Subprograms</b>	<b>\$91.00</b>
Spacer Cable Conversion Project (Open wire to spacer)	\$42.00
Lashed Cable Replacement Project	\$14.00
Spacer Upgrade Project (Spacer Hardware)	\$15.00
Conventional Underground Cable Replacement Project	\$8.00
Voltage Optimization Project (Capacitor Bank Upgrades)	\$12.00
<b>Electric Substation Modernization Subprograms</b>	<b>\$190.20</b>
26kV Station Upgrade Project (OCB Upgrade)	\$33.00
4kV Substation Modernization Project (Life Cycle Stations)	\$157.20
Stipulated Base	\$142.60
<b>IAP Electric Total</b>	<b>\$423.80</b>
<b>B. IAP Gas M&amp;R</b>	
Gas M&R Station Modernization Subprogram	\$69.80
Stipulated Base	\$17.40
<b>IAP Gas Total</b>	<b>\$87.20</b>
<b>Total IAP Electric and Gas</b>	<b>\$511.00</b>

15. Further, during the term of the IAP, the Company agreed to maintain a minimum annual baseline capital expenditure level of at least \$300 million on electric investments, and at least \$225 million in gas investments, which are based upon the Company's historical baseline spending.

16. The IAP Order outlined the Minimum Filing Requirements ("MFRs") for the IAP cost recovery petitions and provided for the recovery of IAP approved costs by future adjustments to base rates. A matrix setting forth the location of each MFR is provided in Appendix A to this Petition.

#### **REQUEST FOR COST RECOVERY**

17. Consistent with the IAP Order, PSE&G is seeking BPU approval to recover the revenue requirements associated with certain capitalized electric investment expended since the Company's last rate adjustment from February 1, 2024 through January 31, 2025 and gas investment costs of the IAP expended from July 1, 2022 through January 31, 2025. The annualized increase in electric revenue requirement associated with the aforementioned investment costs is approximately \$5.51 million in revenue and is supported by Attachment 3, Schedule SS-IAP-2E, which is attached hereto. The annualized increase in gas revenue requirement associated with the aforementioned investment costs is approximately \$5.25 million in revenue and is supported by Attachment 3, Schedule SS-IAP-2G, which is attached hereto.

18. By this filing the Company makes a request for its second electric rate adjustment for actual capital investment from February 1, 2024 through September 30, 2024 and a forecast of capital expenditures from October 1, 2024 through January 31, 2025, and its first gas rate

adjustment for actual capital investment from the inception of the program on July 1, 2022 through September 30, 2024 and a forecast of capital expenditures from October 1, 2024 through January 31, 2024.

19. The projected amounts for the above-referenced periods will be updated for actual results by February 21, 2025.

20. As required by the IAP Order and Stipulation, the proposed gas and electric rate adjustments are based on the rate design in the IAP Order and utilizes the rate design methodology used to set rates in the Company's most recently concluded base rate case. Specifically, the Company will utilize the corresponding billing determinants, including the weather normalized billing determinants approved in the most recent base rate case. The detailed calculation supporting the electric rate design is shown in Attachment 3, Schedules SS-IAP-5E and SS-IAP-5G.

21. Attachment 1 is the testimony of Edward F. Gray, PSE&G's Vice President of Asset Management & Planning, addressing the progress of the Program and plant in-service at the end of January 2025. Attachment 2 is the testimony of Craig O. Bartley, PSE&G's Senior Director, Gas Transmission & Distribution Asset Strategy, addressing the status of projects and expenditures related to the gas portion of the Program and plant in-service at the end of January 2025. Attachment 3 is the testimony of Stephen Swetz, Senior Director of Corporate Rate & Revenue Requirements for PSEG, supporting the revenue requirement and rate calculations for these rate adjustment requests.

22. The annual average bill impacts of the requested rate increase are set forth in Attachment 3, Schedule SS-IAP-6. The average monthly impact of the proposed rates to the

typical residential electric customer using 683 kWh in a summer month and 558 kWh in an average month (6,700 kWh annually) would be an increase from \$134.28 to \$134.43 or \$0.15, or approximately 0.11%. The annual impact of the proposed rates to the typical residential gas heating customer using 172 therms in a winter month and 1,040 therms annually is an increase from \$98.70 to \$98.97 or \$0.27 or approximately 0.27%.

23. Attachment 4 is a draft Form of Notice of Filing and of Public Hearings (Form of Notice). This Form of Notice will be placed in newspapers having a circulation within the Company's electric and gas service territories upon scheduling of public hearing dates. A Notice will be served on the Clerks of the municipalities, the Clerks of the Board of County Commissioners, and the County Executives within the Company's electric and gas service territories.

24. In accordance with the Board's Covid-19 order,<sup>1</sup> notice of this filing, the Petition, testimony, and schedules will be served upon the Department of Law and Public Safety, and upon the Director, Division of Rate Counsel, by electronic mail. Electronic copies of the Petition, testimony, and schedules will also be sent to the persons identified on the service list provided with this filing.

25. Attachments 5 and 6 are the income statement and balance sheet, respectively, as required by the Minimum Filing Requirements in the IAP Order.

26. PSE&G requests that the Board find the proposed rates, as calculated in the proof of revenue, Attachment 3, Schedules SS-IAP-5E and SS-IAP-5G, are just and reasonable and

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<sup>1</sup> See *In the Matter of the New Jersey Board of Public Utilities' Response to the Covid-19 Pandemic for a Temporary Waiver of the Requirements for Certain Non-Essential Obligations*, Docket No. EO20030254, dated March 19, 2020.

PSE&G should be authorized to implement the proposed rates as set forth herein, effective May 1, 2025 upon issuance of a written BPU order.

27. Any final rate relief found by the Board to be just and reasonable may be allocated by the Board for consistency with the provisions of *N.J.S.A.* 48:2-21 and for other good and legally sufficient reasons, to any class or classes of customers of the Company. Therefore, the average percentage changes in final rates may increase or decrease compared to the proposed rates based upon the Board's decision.

### **COMMUNICATIONS**

28. Communications and correspondence related to the Petition should be sent as follows:

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**CONCLUSION AND REQUESTS FOR APPROVAL**

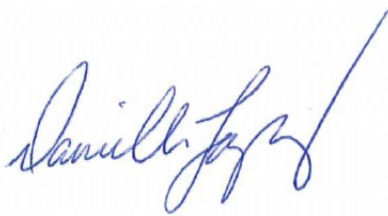
For all the foregoing reasons, PSE&G respectfully requests that the Board retain jurisdiction of this matter and review and expeditiously issue an order approving this Petition specifically finding that:

1. PSE&G is authorized to recover all costs identified herein associated with the IAP incurred through January 31, 2025, as such costs are reflected in this Petition and accompanying materials, along with anticipated updates of data; and

2. The rates as calculated in the proof of revenue, Attachment 3, Schedules SS-IAP-5E and SS-IAP-5G to this Petition, are just and reasonable and may be implemented for service rendered on and after May 1, 2025.

Respectfully submitted,

PUBLIC SERVICE ELECTRIC AND GAS COMPANY



By \_\_\_\_\_  
Danielle Lopez  
Assistant Counsel - Regulatory  
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80 Park Plaza, T20  
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DATED: November 1, 2024

**STATE OF NEW JERSEY  
BOARD OF PUBLIC UTILITIES**

IN THE MATTER OF THE PETITION OF )	BPU DOCKET NO.
PUBLIC SERVICE ELECTRIC AND GAS )	
COMPANY FOR APPROVAL OF )	
ELECTRIC AND GAS RATE )	
ADJUSTMENTS PURSUANT TO THE )	
INFRASTRUCTURE ADVANCEMENT )	
PROGRAM )	

**CERTIFICATION**

I, David Zarra, of full age, certifies as follows:

1. I am Manager of Revenue Requirements of PSEG Services Corporation.
2. I have read the contents of the foregoing Petition, and the information contained therein are true and correct to the best of my knowledge, information, and belief.



BY:

\_\_\_\_\_  
David Zarra

<b>PUBLIC SERVICE ELECTRIC AND GAS</b> <b>Minimum Filing Requirements – The Infrastructure Advancement Program</b>	
<b>MINIMUM FILING REQUIREMENTS</b>	<b>LOCATION IN FILING</b>
<b>I. General Filing Requirements</b>	
1. PSE&G's income statement for the most recent 12 month period prepared using the same Federal Energy Regulatory Commission ("FERC") reporting and accounting conventions that are reflected in the Company's Annual Report to the Board.	Attachment 5
2. PSE&G's balance sheet for the most recent 12 month period, as filed with the Board prepared using the same FERC reporting and accounting conventions that are reflected in the Company's Annual Report to the Board.	Attachment 6
3. PSE&G's capital spending for each of the past five (5) years, broken down by major categories (e.g., system reinforcement, replace facilities, environmental/regulatory, and support facilities).	Attachment 1, Schedule EFG-IAP-2
4. PSE&G's overall approved IAP capital budget broken down by major categories, both budgeted and actual amounts.	Attachment 1, Schedule EFG-IAP-2
5. For each IAP Program subprogram: a. The original project summary for each IAP sub-program, b. Expenditures incurred to date for each sub-program, i. The cost of removal and ii. The amount of allocated overhead. c. Appropriate metric ( e.g., rec losers installed), and d. Work completed, including identified tasks completed (e.g., design phase, material procurement, permit gathering, phases of construction)	Attachment 1, Schedule EFG-IAP-2
6. Anticipated sub-program timeline with updates and expected changes.	Attachment 1, Schedule EFG-IAP-2
7. A calculation of the proposed rate adjustment based on details related to IAP Program projects included in Plant in Service, including a calculation of the associated depreciation expense, based on those projects closed to Plant in Service during the period.	Attachment 3, Schedule SS-IAP-5
8. A list of any and all funds or credits received from the United States government, the State of New Jersey, a county or a municipality, for work related to any of the IAP	N/A – None

## APPENDIX A

<p>Program projects, such as relocation, reimbursement, or stimulus money. An explanation of the financial treatment associated with the receipt of the government funds or credits.</p>	
<p>9. A revenue requirement calculation showing the actual capital expenditures for the period for which the filing is made, as well as supporting calculations. The Company should provide nine (9) months actual data and three (3) months forecasted data at the time of each Initial Filing.</p>	<p>Attachment 3, Schedule SS-IAP-2</p>
<p>10. An earnings test calculation demonstrating that the calculated ROE does not exceed the Company's allowed ROE from the latest base rate case by 50-basis points or more. The Company should divide the actual net income of the utility for the most recent 12-month period filed with the Board or FERC by the average of the beginning and ending common equity balances for the corresponding period, subject to adjustments. Common equity will be as reflected on the Company's FERC financial statements, adjusted to reflect only the electric and gas distribution allocation. The three (3) months of forecasted data should be updated with actuals at the same time the Company provides the Actuals Update for Investments.</p>	<p>Attachment 3, Schedule SS-IAP-7</p>

**STATE OF NEW JERSEY  
BOARD OF PUBLIC UTILITIES**

**In the Matter of the Petition of Public Service Electric and  
Gas Company for Approval of Electric and Gas Rate  
Adjustments Pursuant to the Infrastructure  
Advancement Program**

**BPU Docket No. \_\_\_\_\_**

**DIRECT TESTIMONY**

**OF**

**EDWARD F. GRAY**

**VICE PRESIDENT – ASSET MANAGEMENT AND  
PLANNING**

**November 1, 2024**

**DIRECT TESTIMONY  
OF  
EDWARD F. GRAY  
VICE PRESIDENT – ASSET MANAGEMENT AND PLANNING**

**Q. Please state your name and title.**

A. My name is Edward F. Gray, and I am the Vice President – Asset Management and Planning for Public Service Electric and Gas Company (PSE&G, the Company, or Petitioner). I am responsible for ensuring the reliability of PSE&G’s electric and gas distribution assets and overseeing various functions that support the provision of safe, adequate, proper and reliable electric and gas distribution service. My credentials are set forth in the attached Schedule EFG-IAP-1.

**Q. What is the purpose of your testimony?**

A. This testimony provides information on the status of certain projects and expenditures related to the electric portion of PSE&G's Infrastructure Advancement Program, which was approved in an Order of the New Jersey Board of Public Utilities (BPU or Board) dated June 29, 2022 (IAP Order).

## OVERVIEW OF INFRASTRUCTURE ADVANCEMENT PROGRAM

**Q. Please describe the Company's Infrastructure Advancement Program.**

A. The Stipulation approved by the IAP Order provided that the Program include an investment level of up to \$351 million recovered through the stipulated cost recovery mechanism described below. The IAP Order also approved investment of up to an additional \$160 million on certain capital projects during the Program term that will not be recovered

1 through the IAP Rate Mechanism, but that will be considered Stipulated Base expenditure to  
 2 be recovered in the Company's next base rate case. Of that \$351 million, \$281.2 million will  
 3 be spent on the Company's Electric Outside Plant and Substation Modernization Subprograms.  
 4 The remaining \$69.8 million will be used to complete the four (4) gas M&R station upgrades  
 5 specified in the Stipulation.

6 The Infrastructure Advancement Program Order provided that the specific IAP  
 7 subprogram investment levels shall be up to the following amounts, in the following categories:

Subprogram	\$ Million
<b>A. IAP Electric</b>	
<b>Electric Outside Plant Subprograms</b>	<b>\$91.00</b>
Spacer Cable Conversion Project (Open wire to spacer)	\$42.00
Lashed Cable Replacement Project	\$14.00
Spacer Upgrade Project (Spacer Hardware)	\$15.00
Conventional Underground Cable Replacement Project	\$8.00
Voltage Optimization Project (Capacitor Bank Upgrades)	\$12.00
<b>Electric Substation Modernization Subprograms</b>	<b>\$190.20</b>
26kV Station Upgrade Project (OCB Upgrade)	\$33.00
4kV Substation Modernization Project (Life Cycle Stations)	\$157.20
Stipulated Base	\$142.60
<b>IAP Electric Total</b>	<b>\$423.80</b>
<b>B. IAP Gas M&amp;R</b>	
Gas M&R Station Modernization Subprogram	\$69.80
Stipulated Base	\$17.40
<b>IAP Gas Total</b>	<b>\$87.20</b>
<b>Total IAP Electric and Gas</b>	<b>\$511.00</b>

1 **Q. Please provide details on the implementation of the program to date and**  
 2 **particularly the projects in-service that are a part of this rate filing?**

3 A. A description of the work on investment proposed to be in rates performed for the program  
 4 from February 1, 2024, through September 30, 2024 is in Schedule EFG-IAP-2. The expenditures  
 5 for the electric subprograms are in EFG-IAP-3 and include actual expenditures from February  
 6 2024 - September 2024 and a forecast of electric capital expenditures from October 1, 2024  
 7 through January 31, 2025.

8 To address the possibility that PSE&G may experience higher plant in service amounts  
 9 and/or higher expenditures than currently anticipated by January 31, 2025, this forecast is  
 10 inclusive of 30% contingency amount for this rate filing. Pursuant to the IAP Order, PSE&G  
 11 will update this filing for actual data through January 31<sup>st</sup>, 2025, and adjust the rate impacts  
 12 accordingly, by February 21, 2025.

13 For purposes of this filing, the following table summarizes the stations and equipment  
 14 PSE&G anticipates will be placed in-service through January 31, 2025.

<b>Open Wire to Spacer</b>	<b>Units</b>	<b>In-Service through Jan 31, 2024 (Actual)</b>	<b>In Service from Feb 1<sup>st</sup>, 2024, to Sep 30, 2024 (Actual)</b>	<b>In Service from Oct 1<sup>st</sup>, 2024, to Jan 31<sup>st</sup>, 2025 (Forecast)</b>
Total circuit mileage completed*:	Miles	17.4	9.5	1.6

15 \*Mileage includes fully completed circuits and circuits currently in progress.

<b>Lashed Cable Replacement</b>	<b>Units</b>	<b>In-Service through Jan 31, 2024 (Actual)</b>	<b>In Service from Feb 1<sup>st</sup>, 2024, to Sep 30, 2024 (Actual)</b>	<b>In Service from Oct 1<sup>st</sup>, 2024, to Jan 31<sup>st</sup>, 2025 (Forecast)</b>
Total circuit mileage completed*:	Miles	1.6	1.5	0.4

1 \*Mileage includes fully completed circuits and circuits currently in progress.

<b>Spacer Hardware</b>	<b>Units</b>	<b>In-Service through Jan 31, 2024 (Actual)</b>	<b>In Service from Feb 1<sup>st</sup>, 2024, to Sep 30, 2024 (Actual)</b>	<b>In Service from Oct 1<sup>st</sup>, 2024, to Jan 31<sup>st</sup>, 2025 (Forecast)</b>
Total circuit mileage completed:	Miles	84.30	0	0

2

<b>Conventional Underground Cable Replacement</b>	<b>Units</b>	<b>In-Service through Jan 31, 2024 (Actual)</b>	<b>In Service from Feb 1<sup>st</sup>, 2024, to Sep 30, 2024 (Actual)</b>	<b>In Service from Oct 1<sup>st</sup>, 2024, to Jan 31<sup>st</sup>, 2025 (Forecast)</b>
Total circuit mileage completed:	Miles	1.28	0	0

3

<b>Capacitor Banks</b>	<b>Units</b>	<b>In-Service through Jan 31, 2024 (Actual)</b>	<b>In Service from Feb 1<sup>st</sup>, 2024, to Sep 30, 2024 (Actual)</b>	<b>In Service from Oct 1<sup>st</sup>, 2024, to Jan 31<sup>st</sup>, 2025 (Forecast)</b>
Total Capacitor Banks completed:	each	13	107	0

4

<b>26kV Oil Circuit Breakers</b>	<b>Units</b>	<b>In-Service through Jan 31, 2024 (Actual)</b>	<b>In Service from Feb 1<sup>st</sup>, 2024, to Sep 30, 2024 (Actual)</b>	<b>In Service from Oct 1<sup>st</sup>, 2024, to Jan 31<sup>st</sup>, 2025 (Forecast)</b>
Total Oil circuit breakers completed:	Each	8	2	12

5

<b>4kV LC Stations</b>	<b>Equipment</b>	<b>In- service as of Sep 30<sup>th</sup>, 2024 (Actual)</b>	<b>In-service as of Jan 31<sup>st</sup>, 2025 (Forecast)</b>
Fortieth Street	None		
McLean Blvd.	None		
Teaneck	None		
Tonnelle Ave	None		
Totowa	None		

**Note: No equipment is being placed in service in Roll in 2 for 4kv Stations.**

<b>Gas M&amp;R Stations</b>	<b>Equipment</b>	<b>In- service as of Sep 30<sup>th</sup>, 2024 (Actual)</b>	<b>In-service as of Jan 31<sup>st</sup>, 2025 (Forecast)</b>
Brooklawn	<ul style="list-style-type: none"> <li>• Buildings</li> <li>• Piping</li> <li>• Valves</li> <li>• Scrubber</li> <li>• MEG System</li> <li>• Pressure Regulators</li> <li>• Pressure Relief System</li> <li>• Generator</li> <li>• Controllers</li> <li>• RTU</li> </ul>		✓
Hillsborough	<ul style="list-style-type: none"> <li>• Building</li> <li>• Piping</li> <li>• Valves</li> <li>• Pressure Regulators</li> <li>• Pressure Relief System</li> <li>• Gas Chromatograph</li> <li>• Generator</li> <li>• Controllers</li> <li>• RTU</li> </ul>		✓
Hamilton	None		
Hanover	None		

**Q. Does this complete your testimony at this time?**

**A.** Yes, it does.

**CREDENTIALS  
OF  
EDWARD F GRAY  
VICE PRESIDENT-ASSET MANAGEMENT AND PLANNING**

My name is Edward F Gray. I am the Vice President – Asset Management and Planning for Public Service Electric and Gas. I am responsible for ensuring the reliability of PSE&G’s electric and gas distribution and transmission assets, and overseeing various functions that support the provision of safe, adequate, proper and reliable electric service.

## EDUCATIONAL BACKGROUND

I graduated from Rensselaer Polytechnic Institute with a Bachelor of Science degree in Civil Engineering. I also earned a Master's in Civil Engineering from Rutgers University and a Master's in Management from New Jersey Institute of Technology. I am a Licensed Professional Engineer in the State of New Jersey.

## WORK EXPERIENCE

I have 35 years' experience in Engineering and Asset Management at PSE&G. I have had various positions at PSE&G in Substation Engineering, System development for Electric and Gas work management, New Business Policy, Solar Interconnections, Resource Planning and Financial Management. Prior to my current position I was a Senior Director responsible for all engineering standards, capital and maintenance program development. I am presently the Vice President – Asset Management and

**ATTACHMENT 1**  
**SCHEDULE EFG-IAP-1**  
**PAGE 2 of 3**

1 Planning responsible for ensuring the reliability of PSE&G's electric distribution and  
2 transmission assets along with system planning and energy supply acquisition.

3 I have been actively involved in Electric programs implemented since 2009.  
4 I was the program lead for Electric Distribution for both Capital Economic Stimulus  
5 Infrastructure Investment Programs responsible for the project implementation including  
6 cost and scheduling for each sub-program. For both programs developed discovery  
7 responses and was involved in various settlement and review meetings with BPU Staff and  
8 Rate Council. I was directly involved in the development of the Energy Strong program. I  
9 was actively involved in the preparation of testimony, project estimates, discovery  
10 responses and settlement meetings during the project approval. After approval was directly  
11 involved with project implementation on engineering and design of projects as well as  
12 working with the Independent Monitor on various process and data requests. I was the  
13 Company's witness for the Energy Strong II program filing and was involved in all the  
14 testimony, discovery, and settlement activities and now provide oversight to the program  
15 implementation. I provided the same role as the Company's witness for the Infrastructure  
16 Advancement Program filing and was involved in all the testimony, discovery, and  
17 settlement activities and now provide oversight to the program implementation.

**ATTACHMENT 1**  
**SCHEDULE EFG-IAP-1**  
**PAGE 3 of 3**

1                    In addition to these programs, I have been involved with various items with  
2   Board Staff including storm cost recovery filings and the PVSC substation petition as well  
3   as other items related to Smart Growth and solar policy.

**Minimum Filing Requirements**  
**Infrastructure Advancement Program**  
**(“IAP”)**  
**11/01/2024**

**MFR 3: PSE&G's capital spending for each of the past five (5) years, broken down by major categories (e.g., system reinforcement, replace facilities, environmental/regulatory, and support facilities)**

<b>Base Breakdown by Major Category (\$M)</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Replace Facilities	\$ 181	\$ 211	\$ 206	\$ 220	\$ 294
System Reinforcement	\$ 90	\$ 77	\$ 107	\$ 135	\$ 215
Environmental Regulatory	\$ 6	\$ 10	\$ 7	\$ 8	\$ 12
Replace Meters	\$ 13	\$ 10	\$ 2	\$ 0	\$ 6
Support Facilities	\$ 12	\$ 11	\$ 15	\$ 16	\$ 55
<b>Base Total \$M</b>	<b>\$ 302</b>	<b>\$ 319</b>	<b>\$ 337</b>	<b>\$ 379</b>	<b>\$ 582</b>

**MFR 4:** PSE&G's overall approved IAP capital budget broken down by major categories, both budgeted and actual amounts.

<b>MFR 4: Budget vs Actual Expenditure (\$ In Millions)</b>		
<b>Subprogram</b>	<b>Budget</b>	<b>Actual Spend Through Sep. 30, 2024</b>
<b>IAP Electric</b>		
<b>Electric Outside Plant Subprograms</b>	<b>\$91.0</b>	<b>\$77.9</b>
Spacer Cable Conversion Project (Open wire to spacer)	\$42.0	\$40.7
Lashed Cable Replacement Project	\$14.0	\$8.8
Spacer Upgrade Project (Spacer Hardware)	\$15.0	\$15.0
Conventional Underground Cable Replacement Project	\$8.0	\$1.4
Voltage Optimization Project (Capacitor Bank Upgrades)	\$12.0	\$12.0
<b>Electric Substation Modernization Subprograms</b>	<b>\$190.2</b>	<b>\$62.8</b>
26kV Station Upgrade Project (OCB Upgrade)	\$33.0	\$13.9
4kV Substation Modernization Project (Life Cycle Stations)	\$157.2	\$48.9
<b>IAP Electric Total</b>	<b>\$281.2</b>	<b>\$140.7</b>
<b>IAP Gas M&amp;R</b>		
Gas M&R Station Modernization Subprogram	\$69.8	\$37.0
<b>IAP Gas Total</b>	<b>\$69.8</b>	<b>\$37.0</b>
<b>Total IAP Electric and Gas</b>	<b>\$351.0</b>	<b>\$177.7</b>

**MFR 5:** For each IAP Program subprogram:

- a. The original project summary for each IAP sub-program,
- b. Expenditures incurred to date for each sub-program,
  - i. The cost of removal and
  - ii. The amount of allocated overhead.
- c. Appropriate metric (e.g., reclosers installed), and
- d. Work completed, including identified tasks completed (e.g., design phase, material procurement, permit gathering, phases of construction)

- **Electric Outside Plant Sub-programs**

**1. Spacer Cable Conversion Project (Open wire to Spacer)**

- a. The original project summary -

The Company will invest up to \$42.00 million to replace aging 3-phase open wire construction (cross arm and armless) with new spacer cable type construction. Spacer cable is a more compact and reliable design that incorporates a conductor with a thick polymer covering, thereby making it especially resilient to branch and tree contacts.

- b. Expenditures incurred to date for each sub-program: \$40.7M
  - i. The cost of removal = \$7.2M
  - ii. The amount of allocated overhead = \$7.0M
- c. Appropriate metric (e.g., reclosers installed),

<b>Open Wire to Spacer</b>	<b>Units</b>	<b>In-Service through Jan 31, 2024 (Actual)</b>	<b>In Service from Feb 1<sup>st</sup>, 2024, to Sep 30, 2024 (Actual)</b>	<b>In Service from Oct 1<sup>st</sup>, 2024, to Jan 31<sup>st</sup>, 2025 (Forecast)</b>
Total circuit mileage completed*:	Miles	17.4	9.5	1.6

**\*Mileage includes fully completed circuits and circuits currently in progress.**

- d. Work completed, including identified tasks completed (e.g., design phase, material procurement, permit gathering, phases of construction)

Following work has been completed as of September 30<sup>th</sup>, 2024 -

<b>Work completed through Sept 30, 2024</b>	<b>Unit</b>	<b>Engineering Completed</b>	<b>Material Procured</b>	<b>Construction completed</b>
Total circuits:	circuits	28	16	16
Total circuit mileage:	miles	33.6	26.9	26.9

## 2. Lashed Cable Replacement Project

### a. The original project summary -

The Company will invest up to \$14.00 million to replace lashed cable with spacer cable construction. Lashed primary cable consists of three (3) conductors that are wrapped together with a bonding ribbon and suspended from pole to pole with clamps. This construction type is used for 4kV applications primarily in urban areas, backyards, or right of ways with limited construction space. Lashed cable is one of the oldest distribution assets on PSE&G's system.

### b. Expenditures incurred to date for each sub-program: \$8.8M

- i. The cost of removal = \$2.2M
- ii. The amount of allocated overhead = \$3.1M

### c. Appropriate metric (e.g., reclosers installed),

<b>Lashed Cable Replacement</b>	<b>Units</b>	<b>In-Service through Jan 31, 2024 (Actual)</b>	<b>In Service from Feb 1<sup>st</sup>, 2024, to Sep 30, 2024 (Actual)</b>	<b>In Service from Oct 1<sup>st</sup>, 2024, to Jan 31<sup>st</sup>, 2025 (Forecast)</b>
Total circuit mileage completed *:	Miles	1.6	1.5	0.4

**\*Mileage includes fully completed circuits and circuits currently in progress.**

### d. Work completed, including identified tasks completed (e.g., design phase, material procurement, permit gathering, phases of construction)

Following work has been completed as of September 30<sup>th</sup>, 2024 -

<b>Work completed through Sept 30, 2024</b>	<b>Unit</b>	<b>Engineering Completed</b>	<b>Material Procured</b>	<b>Construction completed</b>
Total circuits:	circuits	21	8	8
Total circuit mileage:	miles	9.8	3.1	3.1

## 3. Spacer Upgrade Project (Spacer Hardware)

### a. The original project summary -

The Company will invest up to \$15.00 million to replace aging spacer components along existing construction with new hardware that is designed to a higher and more resilient standard. The new spacer standard has higher insulation values, improved material properties and better mechanical performance, and is expected to improve the reliability on these circuits at a relatively low cost compared to circuit reconstruction.

### b. Expenditures incurred to date for each sub-program: \$15.00M

- iii. The cost of removal = \$2.6M

iv. The amount of allocated overhead = \$ 4.0M

c. Appropriate metric (e.g., reclosers installed),

<b>Spacer Hardware</b>	<b>Units</b>	<b>In-Service through Jan 31, 2024 (Actual)</b>	<b>In Service from Feb 1<sup>st</sup>, 2024, to Sep 30, 2024 (Actual)</b>	<b>In Service from Oct 1<sup>st</sup>, 2024, to Jan 31<sup>st</sup>, 2025 (Forecast)</b>
Total circuit mileage completed:	Miles	84.30	0	0

**Note: Planned Spacer Hardware project work has been completed.**

d. Work completed, including identified tasks completed (e.g., design phase, material procurement, permit gathering, phases of construction)

Following work has been completed as of September 30<sup>th</sup>, 2024 -

<b>Work completed through Sept 30, 2024</b>	<b>Unit</b>	<b>Engineering Completed</b>	<b>Material Procured</b>	<b>Construction completed</b>
Total circuits:	circuits	21	21	21
Total circuit mileage:	miles	84.30	84.30	84.30

#### 4. Conventional Underground Cable Replacement Project

a. The original project summary -

The Company will invest up to \$8.00 million to replace the poorest performing conventional underground cables that have reached end of life. Conventional underground cable systems are most common in urban environments, and this asset class includes cable, splices, and terminations.

b. Expenditures incurred to date for each sub-program: \$1.4M

v. The cost of removal = \$0.2M

vi. The amount of allocated overhead = \$0.6M

c. Appropriate metric (e.g., reclosers installed),

<b>Conventional Underground Cable Replacement</b>	<b>Units</b>	<b>In-Service through Jan 31, 2024 (Actual)</b>	<b>In Service from Feb 1<sup>st</sup>, 2024, to Sep 30, 2024 (Actual)</b>	<b>In Service from Oct 1<sup>st</sup>, 2024, to Jan 31<sup>st</sup>, 2025 (Forecast)</b>
Total circuit mileage completed:	Miles	1.28	0	0

- d. Work completed, including identified tasks completed (e.g., design phase, material procurement, permit gathering, phases of construction)  
Following work has been completed as of September 30<sup>th</sup>, 2024 -

<b>Work completed Through Sept 30, 2024</b>	<b>Unit</b>	<b>Engineering Completed</b>	<b>Material Procured</b>	<b>Construction completed</b>
Total circuit mileage:	miles	2.83	1.28	1.28

## 5. Voltage Optimization Project (Capacitor Bank Upgrades)

- a. The original project summary -

The Company will invest up to \$12.00 million to replace aging 13kV pole top capacitors and switches that are increasingly failing and providing poor voltage regulation. Replacement systems will be equipped with advanced switches, voltage and current sensing, and the ability to communicate back to the DSCADA system, providing significant improvements in voltage regulation as distributed energy resources (“DERs”) become more commonplace.

- b. Expenditures incurred to date for each sub-program: \$12.0M

vii. The cost of removal = \$0.8M

viii. The amount of allocated overhead = \$3.0M

- c. Appropriate metric (e.g., reclosers installed),

<b>Capacitor Banks</b>	<b>Units</b>	<b>In-Service through Jan 31, 2024 (Actual)</b>	<b>In Service from Feb 1<sup>st</sup>, 2024, to Sep 30, 2024 (Actual)</b>	<b>In Service from Oct 1<sup>st</sup>, 2024, to Jan 31<sup>st</sup>, 2025 (Forecast)</b>
Total Capacitor Banks completed:	each	13	107	0

- d. Work completed, including identified tasks completed (e.g., design phase, material procurement, permit gathering, phases of construction)  
Following work has been completed as of September 30<sup>th</sup>, 2024 -

<b>Work completed through Sept 30, 2024</b>	<b>Unit</b>	<b>Engineering Completed</b>	<b>Material Procured</b>	<b>Construction completed</b>
Total Units:	Each	120	120	120

**Electric Substation Modernization Subprograms**

**6. 26kV Station Upgrade Project (OCB Upgrade)**

- a. The original project summary -

The Company will invest up to \$33.00 million to replace existing 26kV oil circuit breakers (“OCBs”) with newer gas circuit breakers at various switching and substations across the Company’s system. The OCBs have an average age of 60 years, require significant corrective maintenance, and pose environmental challenges.

- b. Expenditures incurred to date for each sub-program: \$13.9M

- i. The cost of removal = \$0.1M
- ii. The amount of allocated overhead = \$3.8M

- c. Appropriate metric (e.g., reclosers installed),

<b>26kV Oil Circuit Breakers</b>	<b>Units</b>	<b>In-Service through Jan 31, 2024 (Actual)</b>	<b>In Service from Feb 1<sup>st</sup>, 2024, to Sep 30, 2024 (Actual)</b>	<b>In Service from Oct 1<sup>st</sup>, 2024, to Jan 31<sup>st</sup>, 2025 (Forecast)</b>
Total Oil circuit breakers completed:	Each	8	2	12

- d. Work completed, including identified tasks completed (e.g., design phase, material procurement, permit gathering, phases of construction)

Following work has been completed as of September 30<sup>th</sup>, 2024 -

<b>Work Completed Through Sept 30, 2024</b>	<b>Engineering</b>	<b>Procurement</b>	<b>Construction</b>
26kV OCBs	32	10	10

**7. 4kV Substation Modernization Project (Life Cycle Stations)**

- a. The original project summary -

The Company will invest up to \$157.2 million to modernize 4kV switchgear at certain electric distribution 69/4kV substations, including replacing and upgrading breakers, disconnects, reactors, regulators, relays, and other infrastructure. The following five (5) substations are included within the Project:

- i. Fortieth Street
- ii. McLean Blvd
- iii. Teaneck
- iv. Tonnelle Ave
- v. Totowa

- b. Expenditures incurred to date for each sub-program: \$48.9M
- i. The cost of removal = \$0.3M
  - ii. The amount of allocated overhead = \$5.0M
- c. Appropriate metric (e.g., reclosers installed),

Stations	Equipment	In- service as of Sep 30 <sup>th</sup> , 2024 (Actual)	In-service as of Jan 31 <sup>st</sup> , 2025 (Forecast)
Fortieth Street	None		
McLean Blvd.	None		
Teaneck	None		
Tonnelle Ave	None		
Totowa	None		

**Note: No Major Equipment/Asset is being placed in service in Roll in 2.**

- d. Work completed, including identified tasks completed (e.g., design phase, material procurement, permit gathering, phases of construction)

Following work has been completed as of September 30<sup>th</sup>, 2024 -

Fortieth Street:

- Major Equipment PO issued.
- Permit: Zoning Permit issued.
- Construction permit received.
- Detailed Design completed.
- Construction: Foundation, conduit, and duct bank in process.

McLean Blvd.:

- Major Equipment and A&E POs issued.
- Permit: Construction permit pending.
- Detailed Design completed (Civil and Electrical).
- Construction: Contingency construction ongoing (Electrical)

Teaneck:

- Major Equipment and A&E POs issued.
- Permit: Construction permit pending.
- Detailed Design completed (Civil and Electrical).
- Construction: Contingency construction ongoing (Electrical)

Tonnelle Ave.:

- Major Equipment and A&E POs issued.
- Detailed Design completed (Civil and Electrical).
- Phase 1 (Contingency construction) Permits issued.
- Civil and Electrical Contingency Construction POs Issued

Totowa:

- Major Equipment and contingency civil construction POs issued
- All the contingency construction permits, final construction issued.
- Detailed Design completed (Civil and Electrical).
- Contingency Construction completed.

- **Gas M&R Station Modernization Subprogram**

**8. Gas M&R Stations Modernization**

a. The original project summary -

In the Gas Metering and Regulating (“M&R”) Station Modernization Subprogram, PSE&G will modernize four of its M&R stations by phasing out outdated designs, upgrading stations to series regulation design with a second level of overpressure protection for enhanced safety and reliability, and replacing aging equipment and facilities. The Company will make up to \$69.80 million of Program investment to comply with U.S. Department of Homeland Security Transportation Security Administration regulations, as well as, toward modernizing the following four (4) M&R stations:

- i. Brooklawn
- ii. Hillsborough
- iii. Hamilton
- iv. Hanover

b. Expenditures incurred to date for each sub-program: \$37.0M

- iii. The cost of removal = \$0.6M
- iv. The amount of allocated overhead = \$0.9M

c. Appropriate metric (e.g., reclosers installed),

Stations	Equipment	In- service as of Sep 30 <sup>th</sup> , 2024 (Actual)	In-service as of Jan 31 <sup>st</sup> , 2025 (Forecast)
Brooklawn	<ul style="list-style-type: none"> <li>• Buildings</li> <li>• Piping</li> <li>• Valves</li> <li>• Scrubber</li> <li>• MEG System</li> <li>• Pressure Regulators</li> <li>• Pressure Relief System</li> <li>• Generator</li> <li>• Controllers</li> <li>• RTU</li> </ul>		✓
Hillsborough	<ul style="list-style-type: none"> <li>• Building</li> <li>• Piping</li> <li>• Valves</li> <li>• Pressure Regulators</li> <li>• Pressure Relief System</li> <li>• Gas Chromatograph</li> <li>• Generator</li> <li>• Controllers</li> <li>• RTU</li> </ul>		✓
Hamilton	None		

<b>Stations</b>	<b>Equipment</b>	<b>In- service as of Sep 30<sup>th</sup>, 2024 (Actual)</b>	<b>In-service as of Jan 31<sup>st</sup>, 2025 (Forecast)</b>
Hanover	None		

- d. Work completed, including identified tasks completed (e.g., design phase, material procurement, permit gathering, phases of construction)  
Following work has been completed as of September 30<sup>th</sup>, 2024

Brooklawn

- Detailed design completed & IFC Drawing Package Issued
- Major Equipment – Purchased and Received
- Municipal Permits Issued
- Site Plan Approval from Township
- Construction PO Issued
- Started Construction
- Construction – 75% Complete

Hillsborough

- Material Procurement PO issued to A&E firm.
- Detailed design completed & IFC Drawing Package Issued
- Major Equipment – Purchased and Received
- Municipal Permits – Received
- Site Plan Approval from Township
- Started Construction
- Construction – 75% Complete

Hanover

- Detailed design in progress - IFR Drawing Package Issued
- Material & Major Equipment PO Issued to A/E
- Municipal Site Plan Approval – Waived
- Buildings & Major Equipment - Ordered

Hamilton

- Material & Major Equipment PO Issued to A/E
- Detailed design in progress - IFR Drawing Package Issued
- Major Equipment Specifications -Finalized
- Ordered Regulator and Control Buildings

**MFR 6:** Anticipated sub-program timeline with updates and expected changes.

Subprogram	In-Service Date	Updates	Expected Changes
<b>IAP Electric</b>			
<b>Electric Outside Plant Subprograms</b>	<b>Jun-26</b>		
Spacer Cable Conversion Project (Open wire to spacer)	Dec-24		
Lashed Cable Replacement Project	Oct-25		
Spacer Upgrade Project (Spacer Hardware)	Jul-23		
Conventional Underground Cable Replacement Project	Jun-26		
Voltage Optimization Project (Capacitor Bank Upgrades)	Aug-24		
<b>Electric Substation Modernization Subprograms</b>	<b>Dec-25</b>		
26kV Station Upgrade Project (OCB Upgrade)	Dec-25		
4kV Substation Modernization Project (Life Cycle Stations)	Dec-25		
<b>IAP Electric Program</b>	<b>Jun-26</b>		
<b>IAP Gas</b>			
Gas M&R Station Modernization Subprogram	Oct-25		
<b>IAP Gas Program</b>	<b>Oct-25</b>		
<b>Overall IAP Electric and Gas</b>	<b>Jun-26</b>		

**Schedule EFG-IAP-3**

Electric Cash Flow for Rate Adjustment No. 2		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast	Forecast	Forecast	Forecast	Total
		Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	
Lashed Cable Replacement	3 Direct Install	\$ 274	\$ (400)	\$ 515	\$ 461	\$ 185	\$ 119	\$ 727	\$ 121	\$ 56	\$ 869	\$ 634	\$ 871	\$ 4,432
Lashed Cable Replacement	4 COR(Net of Salvage)	\$ 375	\$ 447	\$ 63	\$ 120	\$ 97	\$ 98	\$ 12	\$ 18	\$ -	\$ -	\$ -	\$ -	\$ 1,230
Lashed Cable Replacement	5 CWIP Install	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Lashed Cable Replacement	6 Total Capex	\$ 649	\$ 47	\$ 578	\$ 581	\$ 282	\$ 217	\$ 739	\$ 139	\$ 56	\$ 869	\$ 634	\$ 871	\$ 5,662
Lashed Cable Replacement	7 Transfer into Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Open Wire to Spacer	10 Direct Install	\$ 3,463	\$ 2,909	\$ 651	\$ 2,465	\$ 1,761	\$ 1,889	\$ 1,632	\$ 1,014	\$ 26	\$ 702	\$ 1,366	\$ -	\$ 17,879
Open Wire to Spacer	11 COR(Net of Salvage)	\$ 1,333	\$ 617	\$ 1,590	\$ 505	\$ 324	\$ 280	\$ 52	\$ 150	\$ 418	\$ 249	\$ 11	\$ -	\$ 5,528
Open Wire to Spacer	12 CWIP Install	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Open Wire to Spacer	13 Total Capex	\$ 4,796	\$ 3,526	\$ 2,241	\$ 2,970	\$ 2,085	\$ 2,170	\$ 1,684	\$ 1,164	\$ 443	\$ 951	\$ 1,377	\$ -	\$ 23,407
Open Wire to Spacer	14 Transfer into Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Spacer Hardware Upgrades	17 Direct Install	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Spacer Hardware Upgrades	18 COR(Net of Salvage)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Spacer Hardware Upgrades	19 CWIP Install	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Spacer Hardware Upgrades	20 Total Capex	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Spacer Hardware Upgrades	21 Transfer into Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CUG Cable Replacement	24 Direct Install	\$ -	\$ (266)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 209	\$ -	\$ -	\$ -	\$ -	\$ (57)
CUG Cable Replacement	25 COR(Net of Salvage)	\$ -	\$ (35)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 92	\$ -	\$ -	\$ -	\$ -	\$ 57
CUG Cable Replacement	26 CWIP Install	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CUG Cable Replacement	27 Total Capex	\$ -	\$ (301)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 301	\$ -	\$ -	\$ -	\$ -	\$ (0)
CUG Cable Replacement	28 Transfer into Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capacitor Bank Upgrades	31 Direct Install	\$ 1,403	\$ 461	\$ 838	\$ 1,527	\$ 1,823	\$ 1,464	\$ 1,988	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,503
Capacitor Bank Upgrades	32 COR(Net of Salvage)	\$ 61	\$ 4	\$ 188	\$ 187	\$ 204	\$ 193	\$ 82	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 918
Capacitor Bank Upgrades	33 CWIP Install	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capacitor Bank Upgrades	34 Total Capex	\$ 1,464	\$ 465	\$ 1,025	\$ 1,714	\$ 2,027	\$ 1,657	\$ 2,070	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,422
Capacitor Bank Upgrades	35 Transfer into Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Life Cycle Stations (4kV)	38 Direct Install	\$ -	\$ -	\$ 2	\$ 20	\$ 7	\$ 122	\$ (28)	\$ 7	\$ -	\$ -	\$ -	\$ -	\$ 130
Life Cycle Stations (4kV)	39 COR(Net of Salvage)	\$ 29	\$ 22	\$ 48	\$ (10)	\$ 3	\$ 12	\$ 23	\$ 60	\$ 243	\$ 159	\$ 21	\$ 205	\$ 816
Life Cycle Stations (4kV)	40 CWIP Install	\$ 1,530	\$ 1,609	\$ 4,375	\$ 5,501	\$ 3,058	\$ 2,810	\$ 2,746	\$ 3,726	\$ 7,739	\$ 14,640	\$ 9,421	\$ 4,607	\$ 61,763
Life Cycle Stations (4kV)	41 Total Capex	\$ 1,559	\$ 1,631	\$ 4,425	\$ 5,511	\$ 3,068	\$ 2,944	\$ 2,741	\$ 3,794	\$ 7,982	\$ 14,799	\$ 9,442	\$ 4,812	\$ 62,709
Life Cycle Stations (4kV)	42 Transfer into Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
26 KV OCB Breaker Replacement	45 Direct Install	\$ 667	\$ 1,306	\$ 636	\$ 855	\$ 796	\$ 1,006	\$ 299	\$ 1,857	\$ 2,044	\$ 1,189	\$ 310	\$ 77	\$ 11,042
27 KV OCB Breaker Replacement	46 COR(Net of Salvage)	\$ 2	\$ 1	\$ 0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 184	\$ 135	\$ 38	\$ -	\$

**STATE OF NEW JERSEY  
BOARD OF PUBLIC UTILITIES**

**In the Matter of the Petition of Public Service Electric and  
Gas Company for Approval of Electric and Gas Rate  
Adjustments Pursuant to the Infrastructure  
Advancement Program**

**BPU Docket No. \_\_\_\_\_**

**DIRECT TESTIMONY**

**OF**

**CRAIG O. BARTLEY**

**SENIOR DIRECTOR – GAS TRANSMISSION &  
DISTRIBUTION ENGINEERING**

**November 1, 2024**

**DIRECT TESTIMONY  
OF  
CRAIG O. BARTLEY, SENIOR DIRECTOR  
GAS TRANSMISSION & DISTRIBUTION ENGINEERING**

**Q. Please state your name and title.**

**Q. What is the purpose of your testimony?**

## OVERVIEW

1 Subprogram modernization work. The Stipulation also requires the Company invest an additional  
2 \$17.40 million on Gas M&R work during the course of Program that will not be recovered  
3 through the IAP Rate Mechanism, but rather considered Stipulated Base expenditures for review  
4 in future base rate case. The Gas IAP investments are anticipated to be made over a four-year  
5 period beginning on July 1, 2022 and concluding on June 30, 2026.

6 **Q. Please describe the IAP Investments eligible for accelerated recovery.**

7 A. Up to \$69.80 million will be invested by the Company to rebuild/modernize the following  
8 four Gas M&R stations:

- 9 • Brooklawn
- 10 • Hillsborough
- 11 • Hamilton
- 12 • Hanover

13 Program investments include costs to modernize its M&R stations by phasing out outdated  
14 designs, upgrading stations to series regulation design with a second level of overpressure  
15 protection for enhanced safety and reliability, and replacing aging equipment and facilities. These  
16 costs also include investments made to comply with U.S. Department of Homeland Security  
17 Transportation Security Administration regulations.

18 **Q. Please describe the Stipulated Base part of this program.**

19 A. The IAP Stipulation requires the Company to spend another \$17.40 million to complete  
20 its modernization work on the four (4) M&R stations noted above. To the extent that the Company  
21 is able to complete modernization of the above-referenced M&R stations at a dollar amount below  
22 \$69.80 million, the Company may allocate the funds associated with the project(s) to perform

1 similar work at the Company's remaining M&R stations identified in its IAP Petition (*i.e.*,  
2 Trenton, Roseland, West Deptford). The costs associated with this work are considered Stipulated  
3 Base expenditures to be recovered in the Company's next base rate, rather than through the IAP  
4 Rate Mechanism.

5 **Q. Is there a baseline capital expenditure requirement?**

6 A. Yes. Per the IAP Order, the Company is required to maintain a minimum annual baseline  
7 capital expenditure level of at least \$225 million in gas investments, which are based upon the  
8 Company's historical baseline spending. Additionally, over the course of the four-year Program,  
9 the Company agreed to achieve an average baseline capital expenditure level of at least \$250  
10 million on gas investments. The capital investments made by the Company as part of its baseline  
11 capital expenditure requirements are solely within the discretion of the Company and may include  
12 additional investments in the IAP subprograms described above, and/or other costs incurred by  
13 the Company in excess of the maximum spending levels provided under the IAP Rate Mechanism.

14 **IAP GAS SUBPROGRAM STATUS UPDATE**

15 **Q. Can you provide details on the implementation of the gas portion of the Program**  
16 **to date, particularly the projects in-service that are a part of this rate filing?**

17 A. Yes. All aspects of the Program are proceeding well. Of the four station upgrades planned  
18 for the IAP, the two (2) modernization projects have been completed, and two (2) are in the  
19 detailed engineering phase. The modernization upgrade of the Hillsborough station is forecasted  
20 to be completed and placed into service in October 2024. The modernization upgrade of  
21 the Brooklawn station is forecasted to be completed and placed into service in November 2024.

1           The rate adjustments in this filing are for recovery of the costs associated with these  
2 projects. A breakdown of this work on investment proposed to be in rates is provided in the  
3 monthly reports provided in Schedule EFG-IAP-2.

4           The expenditures are listed in Schedule COB-IAP-2 and include actual expenditures from  
5 July 1, 2022 – September 30, 2024 and a forecast of capital expenditures from October 1, 2024  
6 through January 31, 2025 associated with gas plant that is anticipated to be in service by January  
7 31, 2025.

8           To address the possibility that PSE&G may experience higher plant in service amounts and/or  
9 higher expenditures than currently anticipated by January 31, 2025, this forecast is inclusive of  
10 30% contingency amount for this rate filing. Pursuant to the IAP Order, PSE&G will update this  
11 filing for actual data through January 1, 2025, and adjust the rate impacts accordingly, by February  
12 21, 2025.

13   **Q.     Does the Company anticipate meeting its baseline expenditure requirements?**

14   A.     Yes.    The Company anticipates meeting or exceeding the minimum annual \$225  
15 million baseline requirement. In addition, the Company anticipates satisfying its average  
16 baseline requirement by the end of the Program.

17   **Q.     Does this complete your testimony at this time?**

18   A.     Yes, it does.

**CREDENTIALS  
OF  
CRAIG O. BARTLEY  
SENIOR DIRECTOR – GAS TRANSMISSION & DISTRIBUTION  
ENGINEERING**

My name is Craig O. Bartley. I am the Senior Director – Gas Transmission and Distribution Engineering for Public Service Electric and Gas. I am responsible for ensuring the reliability of PSE&G’s gas transmission and distribution assets and overseeing various functions that support the safe, affordable and reliable delivery of gas service to customers.

## EDUCATIONAL BACKGROUND

I received a Bachelor of Science degree in Mechanical Engineering from Rutgers University in 1998. I also earned a Master of Business Administration from University of Phoenix. I am Lean Six Sigma Green Belt certified.

## WORK EXPERIENCE

I have 25 years of experience in leadership, engineering, gas system operations, financials, business planning and asset management at PSE&G. I held positions at various PSE&G departments such as Gas Distribution, Appliance Service, Marketing, Meter Reading, Field Collections, Call Center, Energy Efficiency and Asset Management.

I was employed by PSE&G in January 1999 as an Engineer in Gas Field Operations providing engineering and supervisory support. I was responsible for ensuring safety, reliability, regulatory compliance and customer satisfaction. I supervised personnel in

**ATTACHMENT 1**  
**SCHEDULE COB-IAP-1**  
**PAGE 2 OF 4**

1 planning, design, construction, operations and maintenance of gas distribution and  
2 appliance service work. I also managed the budgets and work plans.

3 I became a District Manager responsible for safety, employees, customers,  
4 regulatory compliance, financials, emergency response, operations and maintenance,  
5 replacement and construction of gas facilities as well as appliance service work.

6 I transferred to Customer Operations as the Manager of Meter Reading and Field  
7 Collections. I provided leadership for the safety and effectiveness of employees as well as  
8 the budget in a field meter reading and collections department at PSE&G.

9 I transferred to PSE&G's call center as the Manager of Process Integration and  
10 Work Planning where I oversaw the customer contact process integration and work  
11 planning functions, including safety, customer satisfaction, financial forecasting and  
12 management, capacity planning, and scheduling.

13 I held the position of Manager of Processes, Operations and Resources responsible  
14 for supporting all functions work functions across Gas Operations. I provided guidance to  
15 the management team in running the daily operations and ensured regulatory compliance  
16 within Gas Operations. I was responsible for the development and management of Gas  
17 Operation's work plans and approximately \$1B in financial plans for Capital, O&M and  
18 Competitive Services revenue.

1 I was appointed the role of interim Senior Director of Gas Construction responsible  
2 for safely executing the 4-year \$1.9 billion Gas System Modernization Program (GSMP)  
3 II and Stipulated Base II Program. I provided leadership and guidance to project and  
4 construction managers and a department of approximately 360 associates. I oversaw safety,  
5 customer satisfaction, project management, field construction, financials, planning,  
6 procurement, and controls for the department.

7 I led the implementation of residential, commercial and industrial energy efficiency  
8 (EE) programs as the Director of Energy Services in our Renewables and Energy Solutions  
9 (RES) department. I was directly responsible for a team management associates  
10 implementation contractors, vendors/suppliers and hundreds of third party contractors. I  
11 ensured regulatory compliance as well as financial and business controls.

12 In October 2023, I assumed the role of the Senior Director of Gas Transmission and  
13 Distribution Engineering responsible for gas asset management. I am responsible for gas  
14 system planning and reliability as well as the safe and efficient engineering, design, and  
15 operating procedures of PSE&G's gas transmission and distribution assets. I am also  
16 responsible for the management of the gas Transmission and Distribution Integrity  
17 Management Programs, operation and maintenance of 54 Metering and Regulating  
18 ("M&R") stations, four gas plants, and gas control to PSE&G's gas customers. I am the  
19 Committee sponsor for PSE&G's Gas Engineering Committee which is responsible for

**ATTACHMENT 1**  
**SCHEDULE COB-IAP-1**  
**PAGE 4 OF 4**

1 approval of action items due to regulatory changes and changes to Company technical  
2 manuals, the Operator Qualification program, Integrity Management programs, and new  
3 technology and materials. I am a member of the Operations Safety Regulatory Action  
4 committee and the Engineering committee of the American Gas Association.

### Gas Cash Flow for Rate Adjustment No. 1

Page 1 of 4

[illegible]

**PSE&G Infrastructure Advancement |**  
**Gas Cash Flow for Rate Adjustment No. 1**

**Schedule COB-IAP-2**

Page 2 of 4

		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
	1	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23
M&R Stations	<b><u>2</u></b>								
	3 Direct Install	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
M&R Stations	<b><u>4</u></b> COR(Net of Salvage)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
M&R Stations	5 CWIP Install	\$ 231	\$ 214	\$ 322	\$ 327	\$ 243	\$ 344	\$ 915	\$ 769
M&R Stations	<b><u>6</u></b> Total Capex	<b>\$ 231</b>	<b>\$ 214</b>	<b>\$ 322</b>	<b>\$ 327</b>	<b>\$ 243</b>	<b>\$ 344</b>	<b>\$ 915</b>	<b>\$ 769</b>
M&R Stations	7 Transfer into Service	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**PSE&G Infrastructure Advancement |**  
**Gas Cash Flow for Rate Adjustment No. 1**

**Schedule COB-IAP-2**

Page 3 of 4

[illegible]

# PSE&G Infrastructure Advancement |

Schedule COB-IAP-2

## Gas Cash Flow for Rate Adjustment No. 1

Page 4 of 4

		Actual	Actual	Actual	Forecast	Forecast	Forecast	Forecast	
		Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Total
	<b>1</b>								
	<b>2</b>								
M&R Stations	3 Direct Install	\$ -	\$ -	\$ -	\$ (97)	\$ 3,337	\$ 4,840	\$ 143	\$ <b>8,222</b>
M&R Stations	<b>4</b> COR(Net of Salvage)	\$ (2)	\$ 56	\$ -	\$ -	\$ -	\$ -	\$ -	\$ <b>596</b>
M&R Stations	5 CWIP Install	\$ 5,230	\$ 3,985	\$ 5,368	\$ 2,394	\$ 509	\$ 3,960	\$ 2,778	\$ 46,032
M&R Stations	<b>6</b> Total Capex	\$ <b>5,228</b>	\$ <b>4,041</b>	\$ <b>5,368</b>	\$ <b>2,297</b>	\$ <b>3,846</b>	\$ <b>8,799</b>	\$ <b>2,920</b>	\$ <b>54,851</b>
M&R Stations	7 Transfer into Service	\$ -	\$ -	\$ -	\$ 19,252	\$ 23,123	\$ -	\$ -	\$ <b>42,375</b>

**STATE OF NEW JERSEY  
BOARD OF PUBLIC UTILITIES**

**In The Matter of the Petition of  
Public Service for Approval of Electric and Gas Rate  
Adjustments Pursuant to the Infrastructure Advancement  
Program**

**BPU Docket No. \_\_\_\_\_**

**DIRECT TESTIMONY**

**OF**

**STEPHEN SWETZ  
SR. DIRECTOR – CORPORATE RATES AND  
REVENUE REQUIREMENTS**

**November 1, 2024**

## ATTACHMENT 3

**PUBLIC SERVICE ELECTRIC AND GAS COMPANY  
DIRECT TESTIMONY  
OF  
STEPHEN SWETZ  
SENIOR DIRECTOR – CORPORATE RATES AND REVENUE REQUIREMENTS**

**Introduction and Qualifications**

**Q. Please state your name, affiliation and business address.**

A. My name is Stephen Swetz, and I am the Senior Director – Corporate Rates and Revenue Requirements for PSEG Services Corporation. My principal place of business is 80 Park Plaza, Newark, New Jersey 07102. My credentials are set forth in the attached Schedule SS- IAP-1.

**Q. Please describe your responsibilities as the Senior Director – Corporate Rates and Revenue Requirements for PSEG Services Corporation.**

A. As Sr. Director of Corporate Rates and Revenue Requirements, I plan, develop and direct Public Service Electric and Gas Company's ("PSE&G", "the Company") electric and gas retail pricing strategies, retail rate design, embedded and marginal cost studies, and tariff provisions. I also direct the calculation of revenue requirements for PSE&G's base rates as well as all cost recovery clauses. Acting as a key regulatory resource to PSE&G on regulatory matters, strategies and policies, I have testified in many cases and negotiated settlements on rate design, cost of service, recovery clauses including renewable and energy efficiency cost recovery, and base rates. I also direct the retail pricing strategies, retail rate design, embedded and marginal cost studies, and development and interpretation of tariff provisions.

## ATTACHMENT 3

1   **Q.     What is the purpose of your direct testimony in this proceeding?**

2   A.     The purpose of my testimony is to support PSE&G's proposed changes in the Electric  
3   and Gas rates for the Infrastructure Advancement Program ("IAP" or "Program") and rate  
4   recovery through the IAP rate mechanism. The proposed charges in this filing are to recover  
5   the revenue requirement associated with its IAP through the IAP Rate Mechanism. This  
6   mechanism was approved by the Board of Public Utilities ("Board" or "BPU") and as described  
7   in paragraph 14 of the Stipulation of Settlement approved by the Board in Docket Nos.  
8   EO21111211 and GO21111212 on June 29, 2022 ("IAP Order").

9           The proposed IAP revenue requirements are based upon the actual costs of engineering,  
10   design and construction, cost of removal (net of salvage) and property acquisition, including  
11   actual labor, materials, overhead, and any capitalized Allowance for Funds Used During  
12   Construction ("AFUDC") on certain aspects of IAP projects. As specified in more detail  
13   below, the Board-approved revenue requirement formula for the IAP Rate Mechanism allows  
14   the Company to recover a return of and on its IAP costs, less any tax adjustments for flow-  
15   through items or any tax law changes codified by the IRS, the State of New Jersey or any other  
16   taxing authority. This testimony provides an overview of the cost recovery mechanism along  
17   with a description of the revenue requirement calculations and rate design.

### 18   **Cost Recovery Mechanism**

19   **Q.     Please briefly describe PSE&G's proposed cost recovery.**

20   A.     PSE&G is proposing to recover the Program's annual electric and gas revenue  
21   requirements with the IAP Rate Mechanism as approved in the IAP Order. The basis of the

## ATTACHMENT 3

1 revenue requirements includes the actual plant in-service and cost of removal expenditures that  
2 have not been included in a prior base rate adjustment. This filing's plant in-service and cost  
3 of removal expenditures for electric are actual results from February 1, 2024 through  
4 September 30, 2024, and a forecast through January 31, 2025. This filing's plant in-service  
5 and cost of removal expenditures for gas are actual results from July 1, 2022 through September  
6 30, 2024, and a forecast through January 31, 2025. The forecasted portion of this filing will be  
7 trued-up with actual results and filed by February 21, 2025.

8 **Q. Will PSE&G be seeking a proposed electric and gas filing?**

9 A. Yes, PSE&G is proposing to recover the annual revenue requirements associated with  
10 both its electric and gas infrastructure investments. While this will be the second electric rate  
11 adjustment under the Program, it will be the first gas rate adjustment approved in the IAP  
12 Order.

13 **Q. What is the forecasted annual revenue requirement increase being proposed for**  
14 **this IAP rate adjustment filing?**

15 A. The Company is proposing a forecasted annual electric revenue requirement of \$5.509  
16 million, and a forecasted annual gas revenue requirement increase of \$5.248 million, assuming  
17 adjusted base rates go into effect May 1, 2024. The electric and gas revenue requirements are  
18 calculated in Schedules SS-IAP-2E and SS-IAP-2G, respectively.

19 **Q. How is the revenue requirement calculated?**

20 A. The IAP revenue requirements are calculated using the following formula approved by  
21 the Board in the IAP Order:

### ATTACHMENT 3

1                   Revenue Requirements = ((IAP Rate Mechanism Rate Base \* After Tax  
2                   WACC) + Depreciation Expense (net of tax) + Tax Adjustments)) \* Revenue  
3                   Factor

4   **Q.     How is the IAP Rate Base calculated?**

5   A.     Per the IAP Order, IAP Rate Base is calculated as the IAP Investment Costs less  
6   Accumulated Depreciation and less Accumulated Deferred Income Taxes (“ADIT”).

7           This is the second and first actual IAP rate adjustment filing for electric and gas,  
8   respectively, and its Investment Costs consist of actual plant placed into service from February  
9   1, 2024 for electric and July 1, 2022 through September 30, 2024 for gas and a forecast of  
10   capital expenditures through January 31, 2025. This is consistent with both the Proposed Rate  
11   Adjustment Schedule, in the IAP Order and the Infrastructure Investment Program (“IIP”),  
12   which I discuss later in my testimony. Forecasted data will be updated with actual data in a  
13   later filing. For details on the electric and gas IAP costs, see Schedules EFG-IAP-3 and COB-  
14   IAP-2, respectively. Accumulated Depreciation is the sum of the depreciation expense  
15   incurred from the date the IAP projects are placed in service and the effective date of the base  
16   rate change. The IAP Order anticipates the rate adjustment filing to result in rates effective  
17   May 1, 2025, so the Accumulated Depreciation and the calculation of Accumulated  
18   Depreciation in the filing is through January 31, 2025.

## ATTACHMENT 3

1   **Q.     Please confirm the Company is filing with four months of forecast data?**

2   A.     Yes. Pursuant to the IAP Order, this rate adjustment requires an initial filing no earlier  
3   than November 1, 2024, so the Company’s filing has four months of forecasted financial data  
4   from October 1, 2024 through January 31, 2025.

5   **Q.     Are the final revenue requirements set upon the four months of forecast data?**

6   A.     No. Final revenue requirements are set upon all actual data. Forecasted data, through  
7   January 31, 2025, will be replaced with actual results at the time the Company updates its filing  
8   by February 21, 2025.

9   **Q.     Are there any Construction Work In Progress (“CWIP”) expenditures not**  
10   **transferred into service included in the IAP Rate Base?**

11   A.     No. Per the IAP Order, only plant placed into service (i.e. Plant in-Service) is included  
12   as part of Rate Base.

13   **Q.     What is the Weighted Average Cost of Capital (“WACC”) utilized in the**  
14   **calculation of the revenue requirements?**

15   A.     Per the IAP Order, the WACC for the IAP Rate Mechanism is the Board authorized  
16   return on equity (“ROE”) and capital structure including income tax effects decided in the  
17   Company’s most recently approved base rate case. In October 2024, the Board approved the  
18   Company’s 2023 base rate case<sup>1</sup>, which set the Company’s WACC at 7.07%, or 6.57% on an  
19   after-tax basis, based on a return on equity of 9.60% and a cost of debt of 3.98%. The WACC

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<sup>1</sup> In the Matter of the Petition of Public Service Electric and Gas Company for Approval of an Increase in Electric and Gas Rates and 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 and GR23120925.

### ATTACHMENT 3

1 utilized in the IAP Rate Mechanism is consistent with the IAP Order, which is the authorized  
2 WACC, including income tax effects as decided by the Board in the Company's most recently  
3 approved base rate case. For the calculation of the WACC and after-tax WACC, see Schedule  
4 SS-IAP-3.

5 **Q. How is the depreciation expense net of tax calculated?**

6 A. Depreciation expense is calculated as Gross Plant in-Service multiplied by the  
7 applicable annual depreciation rate for the assets being placed into service. The IAP Order  
8 specified the depreciation rates would be based on the depreciation rates applied to the same  
9 asset in current base rates. The Company's 2023 base rate case established new depreciation  
10 rates by asset class. The general asset classes applicable to the IAP electric investment are  
11 Structures and Improvements, Station Equipment, Poles, Overhead Conductors and Devices,  
12 Underground Conduit, Underground Conductors and Devices, Line Transformers, Overhead  
13 Services and associated sub asset classes. The annual electric depreciation rates for Structures  
14 and Improvements, Station Equipment, Poles, Overhead Conductors and Devices,  
15 Underground Conduit, Underground Conductors and Devices, Line Transformers and  
16 Overhead Services are 2.37%, 2.72%, 3.59% and 1.62%, 1.04%, 1.74%, 3.02%, 1.76%,  
17 respectively, as established in the 2023 base rate case. The asset classes applicable to the IAP  
18 gas investment are Structures and Improvements, Measuring and Regulation Equipment – City  
19 Gate, and Communication Equipment which have an annual depreciation rates of 0.61%,  
20 1.01%, and 10.00%, respectively. The depreciation rates are applicable to the IAP plant as the  
21 equipment is placed into service. Since the net revenue requirement for the rate adjustment will

### ATTACHMENT 3

1 be grossed up by the revenue factor in the revenue requirement formula approved by the Board,  
2 the depreciation expense must be calculated net of tax. The tax basis associated with the  
3 depreciation expense is calculated as direct in-service expenditures plus any CWIP capital  
4 expenditures transferred into service, plus the debt component of any AFUDC transferred into  
5 service. The depreciation expense net of tax is calculated as the annual depreciation expense  
6 less the tax associated with the depreciation expense as described above. The equity portion  
7 of the AFUDC transferred into service is not recognized in the tax basis of the plant transferred  
8 into service. As a result, there is no tax depreciation expense associated with that portion of  
9 Plant in-Service. Therefore, the depreciation expense net of tax must be multiplied by the  
10 revenue factor to recover the tax gross-up related to the AFUDC-equity.

11 **Q. Do all IAP assets accrue AFUDC?**

12 A. No. Direct Install expenditures do not accrue AFUDC, and CWIP expenditures accrue  
13 AFUDC only during the construction phase. Once CWIP expenditures are placed into service,  
14 AFUDC is no longer applied.

15 **Q. What is the Tax Adjustment?**

16 A. The Tax Adjustment is an adjustment to capture the effects of any flow through items  
17 associated with the IAP investment that is not included in the Company's Tax Adjustment  
18 Credit and any tax law changes codified by the IRS, the State of New Jersey, or any other  
19 taxing authority.

## ATTACHMENT 3

1 **Q. Does the Company anticipate a Tax Adjustment in this GSMP II Rate**  
2 **Mechanism?**

3 A. There are currently no flow-through items or tax law changes applicable to the IAP.

4 **Q. What is the Revenue Factor?**

5 A. The Revenue Factor adjusts the net of tax revenue requirement for federal and state  
6 income taxes, and the costs associated with the BPU and Division of Rate Counsel (“RC”)   
7 Annual Assessments. The BPU/RC Assessment Expenses consist of payments, based upon a  
8 percentage of revenues collected (updated annually), to the State based on the electric and gas  
9 intrastate operating revenues for the utility. The Company has utilized the respective BPU/RC  
10 assessment rates based on the 2024 fiscal year assessment, which are 0.22% and 0.05%,  
11 respectively. See Schedule SS-IAP-4 for the calculation of the revenue factor.

12 **Q. Have you provided the detailed calculations supporting the revenue**  
13 **requirements?**

14 A. Yes. The detailed calculations supporting the electric and gas revenue requirements  
15 described above are provided in electronic workpaper WP-SS-IAP-1E.xlsx and WP-SS-IAP-  
16 1G.

### 17 **Rate Design**

18 **Q. What rate design is the Company proposing to use for this rate adjustment?**

19 A. The proposed electric and gas rate adjustments uses the rate design methodology  
20 corresponding to the latest Board approved electric and gas base rate case and as approved in  
21 the IAP order. In accordance with paragraph 23 of the Stipulation approved in the IAP order,  
22 the electric and gas billing determinants utilize the weather normalized annualized billing

## ATTACHMENT 3

1 determinants from the latest Board approved electric base rate case, which are based on June  
2 2023 through May 2024.

3 The detailed calculations supporting the electric and gas rate designs are shown in  
4 Schedule SS-IAP-5E and SS-IAP-5G. These schedules contain the proposed IAP rates related  
5 to this rate adjustment as well as the new total IAP component rates of the Company's electric  
6 IIPC's effective May 1, 2025. The electric IAP rates can be found in the last two columns on  
7 pages 26 and 27 of Schedule SS- IAP-5E and the gas IAP rates can be found on the last two  
8 columns on pages 15 and 16 of Schedule SS-IAP-5G.

9 **Q. What are the annual rate impacts to the typical residential customer?**

10 A. Based upon rates effective November 1, 2024, the average monthly bill impacts of the  
11 rates requested are set forth in Schedule SS-IAP-6. The average monthly impact of the  
12 proposed rates to the typical residential electric customer using 683 kWh in a summer month  
13 and 558 kWh in an average month (6,700 kWh annually) would be an increase from \$134.28  
14 to \$134.43 or \$0.15, or approximately 0.11% (based upon Delivery Rates and BGS-RSCP  
15 charges in effect November 1, 2024 and assuming that the customer receives BGS-RSCP  
16 service from PSE&G).

17 The average monthly impact of the proposed rates to the typical residential gas heating  
18 customer using 172 therms in a winter month and 87 therms in an average month (1,040 therms  
19 annually) would be an increase from \$98.70 to \$98.97 or \$0.27, or approximately 0.27% (based  
20 upon Delivery Rates and BGSS-RSG charges in effect November 1, 2024, and assuming that  
21 the customer receives BGSS service from PSE&G).

## ATTACHMENT 3

1 **Q. Are there additional criteria required for the Company to request a rate**  
2 **adjustment?**

3 A. Yes. In paragraph 15 of the Stipulation approved in the IAP Order, the Parties agreed  
4 that a rate adjustment is “Consistent with the II&R Regulations, each rate adjustment made by  
5 the Company must include a minimum investment level of 10% of the total amount authorized  
6 to be recovered via the IAP Rate Mechanism. The Company must also meet the earnings test  
7 as specified in the II&R Regulations.”

8 **Q. Does the Company anticipate meeting the at least 10% of the electric IAP Rate**  
9 **Mechanism investment threshold?**

10 A. Yes. The IAP Rate Mechanism was approved for \$281.2 million of accelerated  
11 electrical cost recovery and \$69.8 million of accelerated gas cost recovery per paragraph 4 of  
12 the Stipulation approved in the IAP Order, and thus the 10% threshold is \$28.12 million for  
13 electric and \$6.98 million for gas. As shown in Schedule EFG-IAP-3, the Company anticipates  
14 total electric plant in-service of \$51.8 million, exceeding the \$28.1 million electric threshold,  
15 excluding AFUDC. As shown in Schedule COB-IAP-2, the Company anticipates total gas  
16 plant in-service of \$51.2 million, exceeding the \$5.1 million gas threshold, excluding AFUDC.

17 **Q. What is the earnings test for IIP programs?**

18 A. The IIP states in paragraph 14:3-2A.6(i): “For any Infrastructure Investment Program  
19 approved by the Board, if the calculated ROE exceeds the allowed ROE from the utility's last  
20 base rate case by 50 basis points or more, accelerated recovery shall not be allowed for the  
21 applicable filing period.”

## ATTACHMENT 3

1    **Q.     Does the IIP specify how the earnings test should be calculated?**

2    A.     Yes. In paragraph 14:3-2A.6(h), the IIP states: “An earnings test shall be required,  
3    where Return on Equity (“ROE”) shall be determined based on the actual net income of the  
4    utility for the most recent 12-month period divided by the average of the beginning and ending  
5    common equity balances for the corresponding period.”

6    **Q.     What time period is utilized for the earnings tests?**

7    A.     The earnings test for this filing will be based on the latest twelve-month financial  
8    statements available, that will be filed with the FERC and/or the BPU, which will be October  
9    2023 through September 2024. Since some actual results through September 2024 are not  
10   currently available, the earnings test in this initial filing contains actual net income results  
11   through June 2024 and forecasted net income results through September 2024. However,  
12   PSE&G will update the electric and gas earnings tests with all actual results as part of its update  
13   filing by February 21, 2025.

14   **Q.     How was common equity calculated for the earnings tests?**

15   A.     The Company uses the common equity balance from its financial statements filed with  
16   FERC and/or the BPU.

17   **Q.     How is Net Income calculated for the earnings tests?**

18   A.     Net Income is calculated as the Company’s operating income less Interest Expense,  
19   which is included in Operating Income. The Net Income calculation excludes earnings from  
20   the Company’s transmission and Green Programs, both of which are excluded from the  
21   Company’s distribution rate base.

## ATTACHMENT 3

1   **Q.     What are the results of your earnings test?**

2   A.     For the twelve-month period ending September 2024, the Company estimates an ROE  
3   of 6.84% for its electric and 6.13% for gas operations. The electric and gas ROEs are below  
4   the threshold of 10.1% as discussed above, and therefore the Company's earnings do not  
5   preclude this rate adjustment. The Company will update the electric and gas earnings tests for  
6   actual results by February 21, 2025, along with the update for IAP investments. Please see  
7   Schedules SS-IAP-7E and SS-IAP-7G for the earnings test calculations.

8   **Q.     Does this conclude your testimony?**

9   A.     Yes, it does.

## ATTACHMENT 3

### **SCHEDULE INDEX**

Schedule SS-IAP-1	Credentials
Schedule SS-IAP-2E	Electric Revenue Requirement Calculation
Schedule SS-IAP-2G	Gas Revenue Requirement Calculation
Schedule SS-IAP-3	Weighted Average Cost of Capital (WACC)
Schedule SS-IAP-4	Revenue Factor Calculation
Schedule SS-IAP-5E	Electric Rate Design
Schedule SS-IAP-5G	Gas Rate Design
Schedule SS-IAP-6	Electric and Gas Typical Residential Annual Bill Impacts
Schedule SS-IAP-7E	Electric Earnings Test - Confidential
Schedule SS-IAP-7G	Gas Earnings Test - Confidential

### **ELECTRONIC WORKPAPER INDEX**

WP-SS-IAP-1E.xlsx

WP-SS-IAP-1G.xlsx

**CREDENTIALS  
OF  
STEPHEN SWETZ  
SR. DIRECTOR-CORPORATE RATES AND REVENUE REQUIREMENTS**

My name is Stephen Swetz and I am employed by PSEG Services Corporation. I am the Sr. Director - Corporate Rates and Revenue Requirements where my main responsibility is to contribute to the development and implementation of electric and gas rates for Public Service Electric and Gas Company (PSE&G, the Company).

## WORK EXPERIENCE

I have over 30 years of experience in Rates, Financial Analysis and Operations for three Fortune 500 companies. Since 1991, I have worked in various positions within PSEG. I have spent most of my career contributing to the development and implementation of PSE&G electric and gas rates, revenue requirements, pricing and corporate planning with over 20 years of direct experience in Northeastern retail and wholesale electric and gas markets.

As Sr. Director of the Corporate Rates and Revenue Requirements department, I have submitted pre-filed direct cost recovery testimony as well as oral testimony to the New Jersey Board of Public Utilities and the New Jersey Office of Administrative Law for base rate cases, as well as a number of clauses including infrastructure investments, renewable energy, and energy efficiency programs. A list of my prior testimonies can be found on pages 3 and 4 of this document. I have also

1 contributed to other filings including unbundling electric rates and Off-Tariff Rate  
2 Agreements. I have had a leadership role in various economic analyses, asset valuations,  
3 rate design, pricing efforts and cost of service studies.

4 I am an active member of the American Gas Association's Rate and Strategic  
5 Issues Committee, the Edison Electric Institute's Rates and Regulatory Affairs Committee  
6 and the New Jersey Utility Association (NJUA) Finance and Regulatory Committee.

7 **EDUCATIONAL BACKGROUND**

8 I hold a B.S. in Mechanical Engineering from Worcester Polytechnic  
9 Institute and an MBA from Fairleigh Dickinson University.

LIST OF PRIOR TESTIMONIES

Company	Utility	Docket	Testimony	Date	Case / Topic
Public Service Electric & Gas Company	E/G		written	Nov-24	Infrastructure Advancement Program (IAP) - First Gas Roll-In and Second Electric Roll-In
Public Service Electric & Gas Company	E/G	ER24070484 and GR24070490	written	Jun-24	Green Programs Recovery Charge (GPRC)-Including CA, EEE, EEE Ext, S4A, SLII, S4AE, SLIII, EEE Ext 2, S4AEII, EE2017, CEF-EE, CSEP, SuSI and TREC
Public Service Electric & Gas Company	E	ER24060375	written	Jun-24	SPRC 2024
Public Service Electric & Gas Company	G	GR24060369	written	Jun-24	Conservation Incentive Program (GCIPI)
Public Service Electric & Gas Company	G	GR24060375	written	Jun-24	Margin Adjustment Charge (MAC) / Cost Recovery
Public Service Electric & Gas Company	E	ER24020073	written	Feb-24	Electric Conservation Incentive Program (ECIP)
Public Service Electric & Gas Company	E/G	ER23120924 & GR23120925	written	Dec-23	Base Rate Proceeding / Cost of Service & Rate Design
Public Service Electric & Gas Company	E/G	QO23120874	written	Dec-23	Clean Energy Future - Energy Efficiency II Program
Public Service Electric & Gas Company	E/G	G018101112 and E018101113	written	Nov-23	Clean Energy Future - Energy Efficiency Extension 2 Program
Public Service Electric & Gas Company	E	ER23110783	written	Nov-23	Infrastructure Advancement Program (IAP) - First Roll-In
Public Service Electric & Gas Company	E/G	ER23050273	written	Nov-23	Energy Strong II Program (Energy Strong II) - Fifth Roll-In
Public Service Electric & Gas Company	E/G	ER - 23090634 & GR - 23090635	written	Sep-23	Tax Adjustment Clauses (TACs)
Public Service Electric & Gas Company	E/G	GR23070448	written	Jul-23	COVID-19 Filing
Public Service Electric & Gas Company	E/G	ER23070423 & GR23070424	written	Jul-23	Green Programs Recovery Charge (GPRC)-Including CA, EEE, EEE Ext, S4A, SLII, S4AE, SLIII, EEE Ext 2, S4AEII, EE2017, and CEF-EE
Public Service Electric & Gas Company	E	ER - ER23060412	written	Jul-23	SPRC 2023
Public Service Electric & Gas Company	G	GR23060330	written	Jun-23	Margin Adjustment Charge (MAC) / Cost Recovery
Public Service Electric & Gas Company	G	GR23060332	written	Jun-23	Conservation Incentive Program (GCIPI)
Public Service Electric & Gas Company	E	ER23050273	written	May-23	Energy Strong II Program (Energy Strong II) - Fourth Roll-In
Public Service Electric & Gas Company	G	GR23030102	written	Mar-23	Gas System Modernization Program III (GSMPIII)
Public Service Electric & Gas Company	E	ER23020061	written	Feb-23	Electric Conservation Incentive Program (ECIP)
Public Service Electric & Gas Company	E/G	GR23010050	written	Jan-23	Remediation Adjustment Charge-RAC 30
Public Service Electric & Gas Company	E/G	GR23010009 and ER23010010	written	Jan-23	Societal Benefits Charge (SBC) / Cost Recovery
Public Service Electric & Gas Company	G	GR22120749	written	Dec-22	Gas System Modernization Program II (GSMPII) - Eighth Roll-In
Public Service Electric & Gas Company	E/G	ER22110669 & GR22110670	written	Nov-22	Energy Strong II Program (Energy Strong II) - Third Roll-In
Public Service Electric & Gas Company	E/G	ER22100667 & GR22100668	written	Oct-22	Tax Adjustment Clauses (TACs)
Public Service Electric & Gas Company	E/G	E018101113 & G018101112	written	Sep-22	Clean Energy Future - Energy Efficiency Extension Program
Public Service Electric & Gas Company	E/G	ER22070413 & GR22070414	written	Jul-22	Green Programs Recovery Charge (GPRC)-Including CA, DR, EEE, EEE Ext, EE17, S4AI, S4AEXT, S4AEXT II, SLII, SLIII / Cost Recovery
Public Service Electric & Gas Company	E	ER22060408	written	Jul-22	SPRC 2022
Public Service Electric & Gas Company	G	GR22060409	written	Jun-22	Gas System Modernization Program II (GSMPII) - Seventh Roll-In
Public Service Electric & Gas Company	G	GR22060367	written	Jun-22	Margin Adjustment Charge (MAC) / Cost Recovery
Public Service Electric & Gas Company	G	GR22060362	written	Jun-22	Conservation Incentive Program (GCIPI)
Public Service Electric & Gas Company	E/G	GR22030152	written	Mar-22	Remediation Adjustment Charge-RAC 29
Public Service Electric & Gas Company	E	ER22020035	written	Feb-22	Electric Conservation Incentive Program (ECIP)
Public Service Electric & Gas Company	G	GR21121256	written	Dec-21	Gas System Modernization Program II (GSMPII) - Sixth Roll-In
Public Service Electric & Gas Company	E	ER21121242	written	Dec-21	Solar Successor Incentive Program (SuSI)
Public Service Electric & Gas Company	E/G	E021111211 & G021111212	written	Nov-21	Infrastructure Advancement Program (IAP)
Public Service Electric & Gas Company	E/G	ER21111209 & GR21111210	written	Nov-21	Energy Strong II Program (Energy Strong II) - Second Roll-In
Public Service Electric & Gas Company	E/G	ER21101201 & GR21101202	written	Oct-21	Tax Adjustment Clauses (TACs)
Public Service Electric & Gas Company	E/G	ER21070965 & GR21070966	written	Jul-21	Green Programs Recovery Charge (GPRC)-Including CA, DR, EEE, EEE Ext, EE17, S4AI, S4AEXT, S4AEXT II, SLII, SLIII / Cost Recovery
Public Service Electric & Gas Company	G	ER21060952	written	Jun-21	Weather Normalization Charge / Cost Recovery
Public Service Electric & Gas Company	G	GR21060949	written	Jun-21	Gas System Modernization Program II (GSMPII) - Fifth Roll-In
Public Service Electric & Gas Company	E	ER21060948	written	Jun-21	SPRC 2021
PSEG New Haven LLC	PSEG New Haven LLC	21-06-40	written	Jun-21	PSEG 2022 AFRR
Public Service Electric & Gas Company	G	GR21060882	written	Jun-21	Margin Adjustment Charge (MAC) / Cost Recovery
Public Service Electric & Gas Company	E	ER21050859	written	May-21	Community Solar Cost Recovery
Public Service Electric & Gas Company	G	GR20120771	written	Dec-20	Gas System Modernization Program II (GSMPII) - Forth Roll-In
Public Service Electric & Gas Company	E/G	GR20120763	written	Dec-20	Remediation Adjustment Charge-RAC 28
Public Service Electric & Gas Company	E	ER20120736	written	Nov-20	Energy Strong II Program (Energy Strong II) - First Roll-In
Public Service Electric & Gas Company	E/G	ER20100685 & GR20100686	written	Oct-20	Tax Adjustment Clauses (TACs)
Public Service Electric & Gas Company	E	ER20100658	written	Oct-20	Non-Utility Generation Charge (NGC) / Cost Recovery
Public Service Electric & Gas Company	E/G	ER20060467 & GR20060468	written	Jun-20	Green Programs Recovery Charge (GPRC)-Including CA, DR, EEE, EEE Ext, EE17, S4AI, S4AEXT, S4AEXT II, SLII, SLIII / Cost Recovery
Public Service Electric & Gas Company	G	GR20060464	written	Jun-20	Gas System Modernization Program II (GSMPII) - Third Roll-In
Public Service Electric & Gas Company	E	ER20060454	written	Jun-20	Solar Pilot Recovery Charge (SPRC-Solar Loan I) / Cost Recovery
Public Service Electric & Gas Company	G	GR20060470	written	Jun-20	Weather Normalization Charge / Cost Recovery
Public Service Electric & Gas Company	G	GR20060384	written	Jun-20	Margin Adjustment Charge (MAC) / Cost Recovery
Public Service Electric & Gas Company	E	ER20040324	written	Apr-20	Transitional Renewable Energy Certificate Program (TREC)
Public Service Electric & Gas Company	E/G	GR20010073	written	Jan-20	Remediation Adjustment Charge-RAC 27
Public Service Electric & Gas Company	G	GR19120002	written	Dec-19	Gas System Modernization Program II (GSMPII) - Second Roll-In
Public Service Electric & Gas Company	E/G	ER19091302 & GR19091303	written	Aug-19	Tax Adjustment Clauses (TACs)
Public Service Electric & Gas Company	E/G	ER19070850	written	Jul-19	Societal Benefits Charge (SBC) / Cost Recovery
Public Service Electric & Gas Company	E/G	ER19060764 & GR19060765	written	Jun-19	Green Programs Recovery Charge (GPRC)-Including CA, DR, EEE, EEE Ext, S4AI, S4AEXT, S4AEXT II, SLII, SLIII / Cost Recovery
Public Service Electric & Gas Company	G	GR19060766	written	Jun-19	Gas System Modernization Program II (GSMPII) - First Roll-In
Public Service Electric & Gas Company	G	GR19060761	written	Jun-19	Weather Normalization Charge / Cost Recovery
Public Service Electric & Gas Company	E	ER19060741	written	Jun-19	Solar Pilot Recovery Charge (SPRC-Solar Loan I) / Cost Recovery
Public Service Electric & Gas Company	E/G	E018060629 & G018060630	oral	Jun-19	Energy Strong II / Revenue Requirements & Rate Design
Public Service Electric & Gas Company	G	GR19060698	written	May-19	Margin Adjustment Charge (MAC) / Cost Recovery
Public Service Electric & Gas Company	E	ER19040523	written	May-19	Non-Utility Generation Charge (NGC) / Cost Recovery
Public Service Electric & Gas Company	E/G	E018101113 & G018101112	oral	May-19	Clean Energy Future - Energy Efficiency Program Approval
Public Service Electric & Gas Company	E	ER19040530	written	Apr-19	Madison 4kV Substation Project (Madison & Marshall)
Public Service Electric & Gas Company	E/G	E018101113 & G018101112	written	Dec-18	Clean Energy Future - Energy Efficiency Program Approval
Public Service Electric & Gas Company	E/G	GR18121258	written	Nov-18	Remediation Adjustment Charge-RAC 26
Public Service Electric & Gas Company	E	E018101115	written	Oct-18	Clean Energy Future - Energy Cloud Program (EC)
Public Service Electric & Gas Company	E	E018101111	written	Oct-18	Clean Energy Future-Electric Vehicle And Energy Storage Programs (EVES)
Public Service Electric & Gas Company	G	GR18070831	written	Jul-18	Gas System Modernization Program (GSMP) - Third Roll-In

LIST OF PRIOR TESTIMONIES

Company	Utility	Docket	Testimony	Date	Case / Topic
Public Service Electric & Gas Company	E/G	ER18070688 & GR18070689	written	Jun-18	Green Programs Recovery Charge (GPRC)-Including CA, DR, EEE, EEE Ext, S4All, S4AEXT, S4AEXT II, SLII, SLIII / Cost Recovery
Public Service Electric & Gas Company	E	ER18060681	written	Jun-18	Solar Pilot Recovery Charge (SPRC-Solar Loan I) / Cost Recovery
Public Service Electric & Gas Company	G	GR18060675	written	Jun-18	Weather Normalization Charge / Cost Recovery
Public Service Electric & Gas Company	E/G	EO18060629 & GO18060630	written	Jun-18	Energy Strong II / Revenue Requirements & Rate Design
Public Service Electric & Gas Company	G	GR18060605	written	Jun-18	Margin Adjustment Charge (MAC) / Cost Recovery
Public Service Electric & Gas Company	E/G	ER18040358 & GR18040359	written	Mar-18	Energy Strong / Revenue Requirements & Rate Design - Eighth Roll-in
Public Service Electric & Gas Company	E/G	ER18030231	written	Mar-18	Tax Cuts and Job Acts of 2017
Public Service Electric & Gas Company	E/G	GR18020093	written	Feb-18	Remediation Adjustment Charge-RAC 25
Public Service Electric & Gas Company	E/G	ER18010029 & GR18010030	written	Jan-18	Base Rate Proceeding / Cost of Service & Rate Design
Public Service Electric & Gas Company	E	ER17101027	written	Sep-17	Energy Strong / Revenue Requirements & Rate Design - Seventh Roll-in
Public Service Electric & Gas Company	G	GR17070776	written	Jul-17	Gas System Modernization Program II (GSMP II)
Public Service Electric & Gas Company	G	GR17070775	written	Jul-17	Gas System Modernization Program (GSMP) - Second Roll-in
Public Service Electric & Gas Company	G	GR17060720	written	Jul-17	Weather Normalization Charge / Cost Recovery
Public Service Electric & Gas Company	E/G	ER17070724 & GR17070725	written	Jul-17	Green Programs Recovery Charge (GPRC)-Including CA, DR, EEE, EEE Ext, S4All, S4AEXT, S4AEXT II, SLII, SLIII / Cost Recovery
Public Service Electric & Gas Company	E	ER17070723	written	Jul-17	Solar Pilot Recovery Charge (SPRC-Solar Loan I) / Cost Recovery
Public Service Electric & Gas Company	G	GR17060593	written	Jun-17	Margin Adjustment Charge (MAC) / Cost Recovery
Public Service Electric & Gas Company	E/G	ER17030324 & GR17030325	written	Mar-17	Energy Strong / Revenue Requirements & Rate Design - Sixth Roll-in
Public Service Electric & Gas Company	E/G	EO14080897	written	Mar-17	Energy Efficiency 2017 Program
Public Service Electric & Gas Company	E/G	ER17020136	written	Feb-17	Societal Benefits Charge (SBC) / Cost Recovery
Public Service Electric & Gas Company	E/G	GR16111064	written	Nov-16	Remediation Adjustment Charge-RAC 24
Public Service Electric & Gas Company	E	ER16090918	written	Sep-16	Energy Strong / Revenue Requirements & Rate Design - Fifth Roll-in
Public Service Electric & Gas Company	E	EO16080788	written	Aug-16	Construction of Mason St Substation
Public Service Electric & Gas Company	E	ER16080785	written	Aug-16	Non-Utility Generation Charge (NGC) / Cost Recovery
Public Service Electric & Gas Company	G	GR16070711	written	Jul-16	Gas System Modernization Program (GSMP) - First Roll-in
Public Service Electric & Gas Company	G	GR16070617	written	Jul-16	Weather Normalization Charge / Cost Recovery
Public Service Electric & Gas Company	E/G	ER16070613 & GR16070614	written	Jul-16	Green Programs Recovery Charge (GPRC)-Including CA, DR, EEE, EEE Ext, S4All, S4AEXT, SLII, SLIII / Cost Recovery
Public Service Electric & Gas Company	E	ER16070616	written	Jul-16	Solar Pilot Recovery Charge (SPRC-Solar Loan I) / Cost Recovery
Public Service Electric & Gas Company	G	GR16060484	written	Jun-16	Margin Adjustment Charge (MAC) / Cost Recovery
Public Service Electric & Gas Company	E	EO16050412	written	May-16	Solar 4 All Extension II (S4AllExt II) / Revenue Requirements & Rate Design
Public Service Electric & Gas Company	E/G	ER16030272 & GR16030273	written	Mar-16	Energy Strong / Revenue Requirements & Rate Design - Fourth Roll-in
Public Service Electric & Gas Company	E/G	GR15111294	written	Nov-15	Remediation Adjustment Charge-RAC 23
Public Service Electric & Gas Company	E	ER15101180	written	Sep-15	Energy Strong / Revenue Requirements & Rate Design - Third Roll-in
Public Service Electric & Gas Company	E/G	ER15070757 & GR15070758	written	Jul-15	Green Programs Recovery Charge (GPRC)-Including CA, DR, EEE, EEE Ext, S4All, S4AEXT, SLII, SLIII / Cost Recovery
Public Service Electric & Gas Company	E	ER15060754	written	Jul-15	Solar Pilot Recovery Charge (SPRC-Solar Loan I) / Cost Recovery
Public Service Electric & Gas Company	G	GR15060748	written	Jul-15	Weather Normalization Charge / Cost Recovery
Public Service Electric & Gas Company	G	GR15060646	written	Jun-15	Margin Adjustment Charge (MAC) / Cost Recovery
Public Service Electric & Gas Company	E/G	ER15050558	written	May-15	Societal Benefits Charge (SBC) / Cost Recovery
Public Service Electric & Gas Company	E	ER15050558	written	May-15	Non-Utility Generation Charge (NGC) / Cost Recovery
Public Service Electric & Gas Company	E/G	ER15030389 & GR15030390	written	Mar-15	Energy Strong / Revenue Requirements & Rate Design - Second Roll-in
Public Service Electric & Gas Company	G	GR15030272	written	Feb-15	Gas System Modernization Program (GSMP)
Public Service Electric & Gas Company	E/G	GR14121411	written	Dec-14	Remediation Adjustment Charge-RAC 22
Public Service Electric & Gas Company	E/G	ER14091074	written	Sep-14	Energy Strong / Revenue Requirements & Rate Design - First Roll-in
Public Service Electric & Gas Company	E/G	EO14080897	written	Aug-14	EEE Ext II
Public Service Electric & Gas Company	G	ER14070656	written	Jul-14	Weather Normalization Charge / Cost Recovery
Public Service Electric & Gas Company	E/G	ER14070651 & GR14070652	written	Jul-14	Green Programs Recovery Charge (GPRC)-Including CA, DR, EEE, EEE Ext, S4All, S4AEXT, SLII, SLIII / Cost Recovery
Public Service Electric & Gas Company	E	ER14070650	written	Jul-14	Solar Pilot Recovery Charge (SPRC-Solar Loan I) / Cost Recovery
Public Service Electric & Gas Company	G	GR14050511	written	May-14	Margin Adjustment Charge (MAC) / Cost Recovery
Public Service Electric & Gas Company	E/G	GR14040375	written	Apr-14	Remediation Adjustment Charge-RAC 21
Public Service Electric & Gas Company	E/G	ER13070603 & GR13070604	written	Jun-13	Green Programs Recovery Charge (GPRC)-Including DR, EEE, EEE Ext, CA, S4All, SLII / Cost Recovery
Public Service Electric & Gas Company	E	ER13070605	written	Jul-13	Solar Pilot Recovery Charge (SPRC-Solar Loan I) / Cost Recovery
Public Service Electric & Gas Company	G	GR13070615	written	Jun-13	Weather Normalization Charge / Cost Recovery
Public Service Electric & Gas Company	G	GR13060445	written	May-13	Margin Adjustment Charge (MAC) / Cost Recovery
Public Service Electric & Gas Company	E/G	EO13020155 & GO13020156	written/oral	Mar-13	Energy Strong / Revenue Requirements & Rate Design - Program Approval
Public Service Electric & Gas Company	G	GO12030188	written/oral	Mar-13	Appliance Service / Tariff Support
Public Service Electric & Gas Company	E	ER12070599	written	Jul-12	Solar Pilot Recovery Charge (SPRC-Solar Loan I) / Cost Recovery
Public Service Electric & Gas Company	E/G	ER12070606 & GR12070605	written	Jul-12	RGGI Recovery Charges (RRC)-Including DR, EEE, EEE Ext, CA, S4All, SLII / Cost Recovery
Public Service Electric & Gas Company	E	EO12080721	written/oral	Jul-12	Solar Loan III (SLIII) / Revenue Requirements & Rate Design - Program Approval
Public Service Electric & Gas Company	E	EO12080721	written/oral	Jul-12	Solar 4 All Extension(S4AllExt) / Revenue Requirements & Rate Design - Program Approval
Public Service Electric & Gas Company	G	GR12060489	written	Jun-12	Margin Adjustment Charge (MAC) / Cost Recovery
Public Service Electric & Gas Company	G	GR12060583	written	Jun-12	Weather Normalization Charge / Cost Recovery
Public Service Electric & Gas Company	E/G	ER12030207	written	Mar-12	Societal Benefits Charge (SBC) / Cost Recovery
Public Service Electric & Gas Company	E	ER12030207	written	Mar-12	Non-Utility Generation Charge (NGC) / Cost Recovery
Public Service Electric & Gas Company	G	GR11060338	written	Jun-11	Margin Adjustment Charge (MAC) / Revenue Requirements & Rate Design - Program Approval
Public Service Electric & Gas Company	G	GR11060395	written	Jun-11	Weather Normalization Charge / Revenue Requirements & Rate Design - Program Approval
Public Service Electric & Gas Company	E	EO11010030	written	Jan-11	Economic Energy Efficiency Extension (EEEExt) / Revenue Requirements & Rate Design - Program Approval
Public Service Electric & Gas Company	E/G	ER10100737	written	Oct-10	RGGI Recovery Charges (RRC)-Including DR, EEE, CA, S4All, SLII / Cost Recovery
Public Service Electric & Gas Company	E/G	ER10080550	written	Aug-10	Societal Benefits Charge (SBC) / Cost Recovery
Public Service Electric & Gas Company	E	ER10080550	written	Aug-10	Non-Utility Generation Charge (NGC) / Cost Recovery
Public Service Electric & Gas Company	E/G	GR09050422	written/oral	Mar-10	Base Rate Proceeding / Cost of Service & Rate Design
Public Service Electric & Gas Company	E	ER10030220	written	Mar-10	Solar Pilot Recovery Charge (SPRC-Solar Loan I) / Cost Recovery
Public Service Electric & Gas Company	E	EO09030249	written	Mar-09	Solar Loan II(SLII) / Revenue Requirements & Rate Design - Program Approval
Public Service Electric & Gas Company	E/G	EO09010056	written	Feb-09	Economic Energy Efficiency(EEE) / Revenue Requirements & Rate Design - Program Approval
Public Service Electric & Gas Company	E	EO09020125	written	Feb-09	Solar 4 All (S4All) / Revenue Requirements & Rate Design - Program Approval
Public Service Electric & Gas Company	E	EO08080544	written	Aug-08	Demand Response (DR) / Revenue Requirements & Rate Design - Program Approval
Public Service Electric & Gas Company	E/G	ER10100737	written	Jun-08	Carbon Abatement (CA) / Revenue Requirements & Rate Design - Program Approval

# PSE&G Infrastructure Advancement Program

Schedule SS-IAP-2E

## Electric Revenue Requirements

in (\$000)

### Rate Adjustment 2 Filing

Rate Effective Date	5/1/2025
Plant In Service as of Date	1/31/2025
Rate Base Balance as of Date	4/1/2025

### RATE BASE CALCULATION

1 Gross Plant	\$42,929	= ln 16
2 Accumulated Depreciation	\$8,060	= ln 19
3 Net Plant	\$50,989	= ln 1 + ln 2
4 Accumulated Deferred Taxes	-\$1,854	= See "Project" Wkps Row 695
5 Rate Base	\$49,136	= ln 3 + ln 4
6 Rate of Return - After Tax (Schedule WACC)	6.57%	See Schedule SS-IAP-3
7 Return Requirement (After Tax)	\$3,228	= ln 5 * ln 6
8 Depreciation Exp, net	\$722	= ln 25
9 Tax Adjustment	\$0	= ln 31
10 Revenue Factor	1.3947	See Schedule SS-IAP-4
11 <b>Total Revenue Requirement</b>	<b>\$5,509</b>	= (ln 7 + ln 8 + ln 9) * ln 10

## SUPPORT

### Gross Plant

12 Plant in-service	\$42,929	= See "Project" Wkps Row 673
13 CWIP Transferred into Service	\$0	= See "Project" Wkps Row 674
14 AFUDC on CWIP Transferred Into Service - Debt	\$0	= See "Project" Wkps Row 675
15 AFUDC on CWIP Transferred Into Service - Equity	\$0	= See "Project" Wkps Row 676
16 <b>Total Gross Plant</b>	<b>\$42,929</b>	= ln 12 + ln 13 + ln 14 + ln 15

### Accumulated Depreciation

17 Accumulated Depreciation	-\$849	= See "Project" Wkps Row 682
18 Cost of Removal	\$8,909	= See "Project" Wkps Row 677
19 <b>Net Accumulated Depreciation</b>	<b>\$8,060</b>	= ln 17 + ln 18

### Depreciation Expense (Net of Tax)

20 Depreciable Plant (xAFUDC-E)	\$42,929	= ln 12 + ln 13 + ln 14
21 AFUDC-E	-	= ln 15
22 Depreciation Rates - Composite/Blended Rate	2.34%	= ln 23 / ln 20
23 Depreciation Expense	\$1,005	= See "Project" Wkps Row 677
24 Tax @28.11%	\$282.37	= ln 23 * Tax Rate
25 Depreciation Expense (Net of Tax)	<b>\$722</b>	= ln 23 - ln 24

# PSE&G Infrastructure Advancement Program

## Gas Revenue Requirments

Schedule SS-IAP-2G

in (\$000)

### Rate Adjustment 1 Filing

Rate Effective Date	5/1/2025
Plant In Service as of Date	1/31/2025
Rate Base Balance as of Date	4/1/2025

### RATE BASE CALCULATION

1 Gross Plant	\$52,122	= ln 16
2 Accumulated Depreciation	\$152	= ln 19
3 Net Plant	\$52,274	= ln 1 + ln 2
4 Accumulated Deferred Taxes	-\$1,098	= See "Project" Wkps Row 670
5 Rate Base	\$51,176	= ln 3 + ln 4
6 Rate of Return - After Tax (Schedule WACC)	6.57%	See Schedule SS-IAP-3
7 Return Requirement (After Tax)	\$3,362	= ln 5 * ln 6
8 Depreciation Exp, net	\$401	= ln 25
9 Tax Adjustment	\$0	= ln 31
10 Revenue Factor	1.3947	See Schedule SS-IAP-4
11 <b>Total Revenue Requirement</b>	<b>\$5,248</b>	= (ln 7 + ln 8 + ln 9) * ln 10

## SUPPORT

### Gross Plant

12 Plant in-service	\$8,222	= See "Project" Wkps Row 648
13 CWIP Transferred into Service	\$42,375	= See "Project" Wkps Row 649
14 AFUDC on CWIP Transferred Into Service - Debt	\$398	= See "Project" Wkps Row 650
15 AFUDC on CWIP Transferred Into Service - Equity	\$1,127	= See "Project" Wkps Row 651
16 <b>Total Gross Plant</b>	<b>\$52,122</b>	= ln 12 + ln 13 + ln 14 + ln 15

### Accumulated Depreciation

17 Accumulated Depreciation	-\$445	= See "Project" Wkps Row 657
18 Cost of Removal	\$596	= See "Project" Wkps Row 652
19 <b>Net Accumulated Depreciation</b>	<b>\$152</b>	= ln 17 + ln 18

### Depreciation Expense (Net of Tax)

20 Depreciable Plant (xAFUDC-E)	\$50,995	= ln 12 + ln 13 + ln 14
21 AFUDC-E	1,127	= ln 15
22 Depreciation Rates - Composite/Blended Rate	1.07%	= ln 23 / ln 20
23 Depreciation Expense	\$558	= See "Project" Wkps Row 656
24 Tax @28.11%	\$156.81	= ln 23 * Tax Rate
25 Depreciation Expense (Net of Tax)	<b>\$401</b>	= ln 23 - ln 24

**PSE&G Infrastructure Advancement Program**  
**Weighted Average Cost of Capital (WACC)**

Schedule SS-IAP-3

	<b>Percent</b>	<b>Embedded Cost</b>	<b>Weighted Cost</b>	<b>Pre-Tax Weighted Cost</b>	<b>After Tax Weighted Cost</b>
Common Equity	55.00%	9.60%	5.28%	7.34%	5.28%
Customer Deposits	0.22%	5.06%	0.01%	0.01%	0.01%
Other Capital	<u>44.78%</u>	3.98%	<u>1.78%</u>	<u>1.78%</u>	<u>1.28%</u>
Total	100.00%		<u><u>7.07%</u></u>	<u><u>9.14%</u></u>	<u><u>6.57%</u></u>
Federal Income Tax	21.00%				
State NJ Business Incm Tax	<u>9.00%</u>				
Tax Rate	28.11%				

**PSE&G Infrastructure Advancement Program**  
**Revenue Factor Calculation**

Schedule SS-IAP-4

	<b><u>ELECTRIC</u></b>	<b><u>GAS</u></b>	
Revenue Increase	100.0000	100.0000	
Uncollectible Rate		0.0000	From 2023 Base Rate Case
BPU Assessment Rate	0.2176	0.2176	2024 BPU Assessment
Rate Counsel Assessment Rate	<u>0.0455</u>	<u>0.0455</u>	2024 RC Assessment
Income before State of NJ Bus. Tax	99.7369	99.7369	
State of NJ Bus. Income Tax @ 9.00%	<u>8.9763</u>	<u>8.9763</u>	
Income Before Federal Income Taxes	90.7606	90.7606	
Federal Income Taxes @ 21%	<u>19.0597</u>	<u>19.0597</u>	
Return	<u>71.7008</u>	<u>71.7008</u>	
Revenue Factor	<u><b>1.3947</b></u>	<u><b>1.3947</b></u>	

**Electric Revenue Requirement Allocation Explanation of Format**

Pages 2 through 5 presented in Schedule SS-IAP-5E are the four (4) relevant pages from the complete cost of service and revenue requirement allocation methodology based on the 2023 Base Rate Case Settlement, approved by the Board on October 9, 2024. Page 2 Part 1 shows the “Final” revenue requirement allocation to each rates class and its associated functions as defined in the 2023 PSE&G Base Rate Case (Rate Case). Part 2 allocates the IAP Revenue Increase in accordance with the Rate Case Board Order. Pages 3 and 4 provide the interclass revenue allocations based upon the rate rules approved in the Rate Case. Page 5 provides the service charge calculations for each rate class by which are calculated in accordance with the Rate Case Board Order.

**Electric Rate Design (Proof of Revenue by Rate Class) Explanation of Format**

The summary provides by rate schedule the Annualized Weather Normalized (all customers assumed to be on BGS) revenue based on current tariff rates and the proposed initial rate change.

Pages 6 through 27 presented in Schedule SS-IAP-5E are the selected applicable columns of the relevant pages from the complete rate change workpapers from the Company’s 2023 Electric Base Rate Case and have been appropriately modified per my testimony to reflect the Infrastructure Advancement Program (IAP).

**Annualized Weather Normalized (all customers assumed to be on BGS) and the Proposed Detailed Rate Design.**

In the detailed rate design pages, all the components are separated into Delivery and Supply. In addition to the Distribution components of Delivery, also included in the schedule are lines for Societal Benefits Charge, Non-Utility Generation Charge, Zero Emission Certificate Recovery Charge, Solar Pilot Recovery Charge, Green Programs Recovery Charge, Tax Adjustment Credit, Conservation Incentive Program Charge, Facilities Charge, Minimum Charge, Miscellaneous items, and Unbilled Revenue.

Column (1) shows the annualized weather normalized billing units. Column (2) shows present Delivery rates (without Sales and Use Tax, SUT) effective October 15, 2024.

The Supply-BGS rates in the Column (2) reflect the rates in effect as of October 15, 2024 and for CIEP energy, reflect the class average hourly rates from July 1, 2023 to June 30, 2024. Column (3) presents annualized revenue assuming all customers are provided service under their applicable BGS provision. Column (4) repeats the billing units of Column (1). Column (5) shows the proposed rates without SUT that result in the proposed revenues shown in Column (6). Columns (7) and (8) show the proposed base rate revenue increase, in thousands of dollars and percent increase, respectively, for each of the billing unit blocks. The proposed tariff charges (with and without SUT) are provided on pages 26 and 27 of this schedule.

### Step 1: Initial Sync

[illegible]

16	Total Rev Req Increase to be Recovered Through Rates
17	Total Target Distribution Revenue Requirements

18	Rate Case Minus Streetlight Fixtures	\$	1,813,140,287 = col 8, line 15 - col 2, line 15
19	Target Minus Streetlight Fixtures	\$	1,633,688,703 = line 17 - col 2, line 15

		Streetlighting	Access	Local Delivery	System Delivery	Cust Svs	Measurement	Total	
21	RS	\$	-	\$ 33,804,476	\$ 437,973,525	\$ 280,092,039	\$ 87,995,382	\$ 135,357,387	\$ 975,222,809
22	RHS	\$	-	\$ 184,255	\$ 2,398,336	\$ 792,706	\$ 284,438	\$ 413,877	\$ 4,073,613
23	RLM	\$	-	\$ 322,182	\$ 3,058,044	\$ 2,872,758	\$ 497,358	\$ 723,690	\$ 7,474,032
24	WH	\$	-	\$ 1,552	\$ 5,738	\$ -	\$ 8,371	\$ 86,229	\$ 101,891
25	WHS	\$	-	\$ 29	\$ 113	\$ -	\$ 157	\$ 1,615	\$ 1,914
26	HS	\$	-	\$ -	\$ 634,098	\$ 131,628	\$ 10,365	\$ 39,448	\$ 815,540
27	BPL	\$	57,414,671	\$ -	\$ 2,298,630	\$ -	\$ 318,389	\$ -	\$ 60,031,690
28	BPL-POF	\$	331,666	\$ -	\$ 99,482	\$ -	\$ 5,357	\$ -	\$ 436,504
29	PSAL	\$	18,381,599	\$ -	\$ 1,124,500	\$ -	\$ 1,495,500	\$ -	\$ 21,001,598
30	GLP	\$	-	\$ 16,369,601	\$ 117,869,211	\$ 144,159,674	\$ 19,154,289	\$ 26,686,584	\$ 324,239,359
31	LPL-S	\$	-	\$ 1,214,595	\$ 94,753,044	\$ 116,517,044	\$ 7,234,857	\$ 9,732,870	\$ 229,452,409
32	LPL-P	\$	-	\$ 101,201	\$ 17,801,903	\$ 29,917,019	\$ 602,816	\$ 897,080	\$ 49,320,020
33	HTS-S	\$	-	\$ 55,986	\$ 21,432,146	\$ 23,439,188	\$ 148,296	\$ 415,018	\$ 45,490,633
34	HTS-HV	\$	-	\$ -	\$ 6,121	\$ -	\$ 12,776	\$ 88,646	\$ 107,543
35	Total	\$	76,127,935	\$ 52,053,878	\$ 699,454,892	\$ 597,922,056	\$ 117,768,350	\$ 174,442,445	\$ 1,717,769,555

[illegible]

# **Inter Class Revenue Increase Allocations**

## Calculation of Increase Limits

<u>line #</u>	(in \$1,000)	Notes:
1	Requested Revenue Increase to be recovered from rate schedule charges = \$ 5,509	Schedule SS-IAP-5E
2	Present Distribution Revenue = \$ 1,712,261	Page 4, col 3, line 21
3	Present Total Customer Bills (all on BGS) = \$ 7,172,126	Page 4, col 5, line 21
4	Average Distribution Increase = 0.322%	= Line 1 / Line 2
5	Average Total Bill Increase = 0.077%	= Line 1 / Line 3
6	Lower Distribution increase limit = 0.161% in Distribution charges	= 0.5 * Line 4
7	Upper Distribution increase limit #1 = 0.403% in Distribution charges	= 1.25 * Line 4
8	Upper Bill increase limit #2 = 0.116% in Bill Increase	= 1.5 * Line 5
all rounded to 0.001%		

# Inter Class Revenue Increase Calculations

Calculation of Increases

line #	(1) Rate Schedule	(2) Proposed Distribution Revenue Requirement (from COS)  (in \$1,000)	(3) Present Distribution Revenue  (in \$1,000)	(4) Unlimited COS Distribution Charge \$ Increase (in \$1,000)	(5) Present Total Bill Revenue (all on BGS) (in \$1,000)	(6) Unlimited Distribution Charge Increase (%)	(7) Limited Final Distribution Charge Increase (%)	(8) Proposed Total Bill Increase (%)	(9) Proposed Distribution Revenue Increase (in \$1,000)
1	RS	\$ 975,223	\$ 915,327	\$ 59,895	\$ 3,021,247	6.544%	0.383%	0.116%	\$ 3,504
2	RHS	\$ 4,074	\$ 4,380	\$ (306)	\$ 15,014	-6.995%	0.175%	0.053%	\$ 8
3	RLM	\$ 7,474	\$ 8,382	\$ (908)	\$ 51,741	-10.835%	0.323%	0.052%	\$ 27
4	WH *	\$ 101.891	\$ 38.730	\$ 63.161	\$ 100.152	163.081%	0.300%	0.116%	\$ 0.116
5	WHS *	\$ 1.914	\$ 0.110	\$ 1.804	\$ 0.800	1640.007%	0.000%	0.000%	\$ -
6	HS	\$ 816	\$ 708	\$ 108	\$ 2,274	15.185%	0.282%	0.088%	\$ 2
7	BPL	\$ 60,032	\$ 57,068		\$ 84,029				\$ -
8	Distribution Only	\$ 2,617	\$ 2,238	\$ 379		16.936%	0.161%	0.005%	\$ 4
9	Luminaires and Poles	\$ 57,415	\$ 54,830	\$ 2,585		4.714%	0.000%	0.000%	\$ -
10	BPL-POF *	\$ 436.504	\$ 380.389		\$ 1,723.007				\$ -
11	Distribution Only	\$ 104.838	\$ 116.482	\$ (11.644)		-9.996%	0.161%	0.011%	\$ 0.188
12	Luminaires and Poles	\$ 331.666	\$ 263.907	\$ 67.758		25.675%	0.000%	0.000%	\$ -
13	PSAL	\$ 21,002	\$ 25,914		\$ 38,646				\$ -
14	Distribution Only	\$ 2,620	\$ 1,130	\$ 1,490		131.858%	0.161%	0.005%	\$ 2
15	Luminaires and Poles	\$ 18,382	\$ 24,784	\$ (6,403)		-25.833%	0.000%	0.000%	\$ -
16	GLP	\$ 324,239	\$ 346,383	\$ (22,144)	\$ 1,463,974	-6.393%	0.221%	0.052%	\$ 766
17	LPL-S	\$ 229,452	\$ 257,313	\$ (27,860)	\$ 1,569,849	-10.827%	0.330%	0.054%	\$ 849
18	LPL-P	\$ 49,320	\$ 50,466	\$ (1,146)	\$ 373,636	-2.271%	0.364%	0.049%	\$ 184
19	HTS-S	\$ 45,491	\$ 43,711	\$ 1,779	\$ 505,177	4.071%	0.372%	0.032%	\$ 163
20	HTS-HV	\$ 108	\$ 2,188	\$ (2,081)	\$ 44,716	-95.086%	0.000%	0.000%	\$ -
21	Total	\$ 1,717,770	\$ 1,712,261	\$ 5,509	\$ 7,172,126	0.322%	0.322%	0.077%	\$ 5,509

\* WH, WHS and & BPL-POF shown to 3 decimal points

Notes:

Page 2,  
Step 2, col 8

= (2) - (3)

Page 6

= (4) / (3)

calculated  
on limits

= (9) / (5)

= (3) \* (7)

**Service Charge Calculations**

Service charges are comprised of revenue requirements for the Distribution Access and Measurement segments related to Minimum Size Facilities, plus the Revenue Requirements for the Customer Service segment.

<u>line #</u>	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Average Distribution Increase =		0.322%	page 3, Line 4					
	Rate	Access Segment Revenue	Measurement Segment Revenue	Customer Service Segment Revenue	Rev Req to be recovered through Service Charge	# of Customers	Cost Based Monthly Service Charge	Current Monthly Service Charge	Proposed Limited Monthly Service Charge
	<u>Schedule</u>	<u>Requirement</u>	<u>Requirement</u>	<u>Requirements</u>	<u>Service Charge</u>	<u>Customers</u>	<u>Charge</u>	<u>Charge</u>	<u>Charge</u>
							(\$/month)	(\$/month)	(\$/month)
2	RS	\$ 33,804,476	\$ 135,357,387	\$ 87,995,382	\$ 257,157,245	1,981,089	\$ 10.82	\$ 5.63	\$ 5.63 Set to \$6.00 w SUT
3	RHS	\$ 184,255	\$ 413,877	\$ 284,438	\$ 882,571	6,404	\$ 11.49	\$ 5.63	\$ 5.63 set equal to RS
4	RLM	\$ 322,182	\$ 723,690	\$ 497,358	\$ 1,543,230	11,197	\$ 11.49	\$ 13.07	\$ 13.07 see Note 2
5	WH	no service charge							
6	WHS	\$ 29	\$ 1,615	\$ 157	\$ 1,801	11	\$ 13.96	\$ 0.97	\$ 0.97 see Note 2
7	HS	\$ -	\$ 39,448	\$ 10,365	\$ 49,813	714	\$ 5.81	\$ 5.79	\$ 5.81 see Note 2
8	BPL	no service charge							
9	BPL-POF	no service charge							
10	PSAL	no service charge							
11	GLP	\$ 16,369,601	\$ 26,686,584	\$ 19,154,289		272,921			
12	GLP Metered					256,116	\$ 19.53	\$ 7.40	\$ 7.44 see Note 3
13	GLP Unmetered					5,766	\$ 10.85	\$ 3.40	\$ 3.42 see Note 4
14	GLP-NU					64			\$ 7.44 see Note 3
15	LPL-S	\$ 1,214,595	\$ 9,732,870	\$ 7,234,857	\$ 18,182,322	9,379	\$ 161.55	\$ 347.77	\$ 347.77 see Note 2
16	LPL-P	\$ 101,201	\$ 897,080	\$ 602,816	\$ 1,601,097	770	\$ 173.30	\$ 347.77	\$ 347.77 see Note 2
17	LPL-P <100 kW						\$ 107.94	\$ 33.40	\$ 33.56 see Note 5
18	HTS-S	\$ 55,986	\$ 415,018	\$ 148,296	\$ 619,300	189	\$ 272.47	\$ 1,911.39	\$ 1,911.39 see Note 2
19	HTS-HV	\$ -	\$ 88,646	\$ 12,776	\$ 101,422	16	\$ 517.97	\$ 1,720.25	\$ 1,720.25 see Note 2

Source: for Cols 2, 3 and 4 from Page 2, Cols 3, 6 & 7 from Step 2 = (2) + (3) + (4) 2018 Rate Case SS-E8 R-2, Step 2, Col 1 = (5) / (6) / 12 From Tariff based on methodology described

- Notes: 1 Agreed upon in Settlement  
 2 Move toward cost limited at no decrease from current service charge and no increase greater than 1.5 times the overall average distribution % increase.  
 3 Access and Customer Service Rev Req per total GLP Customer plus Measurement Rev Req divided by the number of metered customers divided by 12; limits the same as Note 2  
 4 Access and Customer Service Rev Req per total GLP Customer divided by 12; limits the same as Note 2  
 5 Calculated at the GLP Access Segment per customer plus the GLP Customer Service Segment Revenue Requirements per customer plus the LPL-P Measurement Segment per customer divided by 12; limits the same as Note 2

Schedule SS-IAP-5E

**ELECTRIC PROOF OF REVENUE  
SUMMARY  
ELECTRIC RATE INCREASE  
Schedule SS-IAP-5E  
(kWhrs & Revenue in Thousands)**

<u>Rate Schedule</u>			<u>Annualized Weather Normalized</u>		<u>Proposed</u>		<u>Increase</u>	
			<u>kWhrs</u>	<u>Revenue</u>	<u>kWhrs</u>	<u>Revenue</u>	<u>Revenue</u>	<u>Percent</u>
			(1)	(2)	(3)	(4)	(5)	(6)
1	Residential	RS	13,277,528	\$3,021,247	13,277,528	\$3,024,751	\$3,504	0.12
2	Residential Heating	RHS	82,831	15,014	82,831	15,022	8	0.05
3	Residential Load Management	RLM	183,312	51,741	183,312	51,768	27	0.05
4	Water Heating	WH	596	100.152	596	100.268	0.116	0.12
5	Water Heating Storage	WHS	7	0.800	7	0.800	0.000	0.00
6								
7	Building Heating	HS	10,479	2,274	10,479	2,276	2	0.09
8	General Lighting and Power	GLP	7,394,235	1,463,974	7,394,235	1,464,740	766	0.05
9	Large Power & Lighting-Sec	LPL-S	10,215,108	1,569,849	10,215,108	1,570,698	849	0.05
10	Large Power & Lighting-Pri	LPL-P	3,083,660	373,636	3,083,660	373,820	184	0.05
11	High Tension-Subtr.	HTS-S	4,797,066	505,177	4,797,066	505,340	163	0.03
12	High Tension-HV	HTS-HV	500,788	44,716	500,788	44,716	0	0.00
13								
14	Body Politic Lighting	BPL	282,044	84,029	282,044	84,033	4	0.00
15	Body Politic Lighting-POF	BPL-POF	14,039	1,723.007	14,039	1,723.195	0.188	0.01
16	Private Street & Area Lighting	PSAL	132,612	38,646	132,612	38,648	2	0.01
17								
18								
19		Totals	39,974,307	\$7,172,126	39,974,307	\$7,177,635	\$5,509	0.08

20

21

22 Notes: All customers assumed to be on BGS.

23 WH, WHS & BPL-POF revenues shown to 3 decimals.

24 Annualized Weather Normalized Revenue reflects Delivery rates in effect 7/1/2024

Schedule SS-IAP-5E

**RATE SCHEDULE RS  
RESIDENTIAL SERVICE  
Schedule SS-IAP-5E**  
(Units & Revenue in Thousands)

		<b>Annualized Weather Normalized</b>			<b>Proposed</b>			<b>Difference</b>	
		<u>Units</u>	<u>Rate</u>	<u>Revenue</u>	<u>Units</u>	<u>Rate</u>	<u>Revenue</u>	<u>Revenue</u>	<u>Percent</u>
<b>Delivery</b>		(1)	(2)	(3=1*2)	(4)	(5)	(6=4*5)	(7=6-3)	(8=7/3)
1	Service Charge	23,810.25	\$5.63	\$134,052	23,810.25	\$5.63	\$134,052	\$0	0.00
2	Distribution 0-600 June - September	3,482,175	0.077116	268,531	3,482,175	0.077468	269,757	1,226	0.46
3	Distribution 0-600 October - May	6,093,220	0.044805	273,007	6,093,220	0.045006	274,231	1,224	0.45
4	Distribution over 600 June - September	1,916,748	0.080937	155,136	1,916,748	0.081289	155,811	675	0.44
5	Distribution over 600 October - May	1,785,385	0.044805	79,994	1,785,385	0.045006	80,353	359	0.45
6	SBC	13,277,528	0.009295	123,415	13,277,528	0.009295	123,415	0	0.00
7	NGC	13,277,528	0.000024	319	13,277,528	0.000024	319	0	0.00
8	DAC	13,277,528	0.000000	0	13,277,528	0.000000	0	0	0.00
9	STC-MTC-Tax	13,277,528	0.000000	0	13,277,528	0.000000	0	0	0.00
10	ZECRC	13,277,528	0.004000	53,110	13,277,528	0.004000	53,110	0	0.00
11	Solar Pilot Recovery Charge	13,277,528	0.000057	757	13,277,528	0.000057	757	0	0.00
12	Green Programs Recovery Charge	13,277,528	0.006189	82,175	13,277,528	0.006189	82,175	0	0.00
13	Tax Adjustment Credit	13,277,528	(0.007281)	(96,674)	13,277,528	(0.007281)	(96,674)	0	0.00
14	ECIP	13,277,528	0.001450	19,252	13,277,528	0.001450	19,252	0	0.00
15	Green Enabling Mechanism	13,277,528	0.000000	0	13,277,528	0.000000	0	0	0.00
16	Facilities Chg.			0			0	0	0.00
17	Minimum			0			0	0	0.00
18	Miscellaneous			(1,627)			(1,631)	(4)	0.25
19	Delivery Subtotal	13,277,528		\$1,091,447	13,277,528		\$1,094,927	\$3,480	0.32
20	Unbilled Delivery			7,484			7,508	24	0.32
21	Delivery Subtotal w unbilled			\$1,098,931			\$1,102,435	\$3,504	0.32
22									
23	<b>Supply-BGS</b>								
24	BGS 0-600 June - September	3,482,175	0.084582	\$294,529	3,482,175	0.084582	\$294,529	\$0	0.00
25	BGS 0-600 October - May	6,093,220	0.087604	533,790	6,093,220	0.087604	533,790	0	0.00
26	BGS over 600 June - September	1,916,748	0.093518	179,250	1,916,748	0.093518	179,250	0	0.00
27	BGS over 600 October - May	1,785,385	0.087604	156,407	1,785,385	0.087604	156,407	0	0.00
28	Transmission	13,277,528	0.056736	\$753,314	13,277,528	0.056736	\$753,314	0	0.00
29	BGS Reconciliation-RSCP	13,277,528	0.000000	0	13,277,528	0.000000	0	0	0.00
30	Miscellaneous			(1)			(1)	0	0.00
31	Supply Subtotal	13,277,528		\$1,917,289	13,277,528		\$1,917,289	\$0	0.00
32	Unbilled Supply			5,026			5,026	0	0.00
33	Supply Subtotal w unbilled			\$1,922,315			\$1,922,315	\$0	0.00
34									
35	Total Delivery + Supply	13,277,528		\$3,021,247	13,277,528		\$3,024,751	\$3,504	0.12

Notes: All customers assumed to be on BGS.  
Annualized Weather Normalized Revenue reflects Delivery rates in effect 7/1/2024

## Schedule SS-IAP-5E

**RATE SCHEDULE RHS**  
**RESIDENTIAL HEATING SERVICE**

**Schedule SS-IAP-5E**

(Units & Revenue in Thousands)

	Annualized Weather Normalized			Proposed			Difference	
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
<b><u>Delivery</u></b>								
1 Service Charge	76.78	\$5.63	\$432	76.78	\$5.63	\$432	\$0	0.00
2 Distribution 0-600 June - September	12,462	0.086914	1,083	12,462	0.087094	1,085	2	0.18
3 Distribution 0-600 October - May	31,804	0.044463	1,414	31,804	0.044536	1,416	2	0.14
4 Distribution over 600 June - September	5,914	0.091814	543	5,914	0.091994	544	1	0.18
5 Distribution over 600 October - May	32,651	0.026863	877	32,651	0.026936	879	2	0.23
6 SBC	82,831	0.009295	770	82,831	0.009295	770	0	0.00
7 NGC	82,831	0.000024	2	82,831	0.000024	2	0	0.00
8 DAC	82,831	0.000000	-	82,831	0.000000	0	0	0.00
9 STC-MTC-Tax	82,831	0.000000	-	82,831	0.000000	0	0	0.00
10 ZECRC	82,831	0.004000	331	82,831	0.004000	331	0	0.00
11 Solar Pilot Recovery Charge	82,831	0.000057	5	82,831	0.000057	5	0	0.00
12 Green Programs Recovery Charge	82,831	0.006189	513	82,831	0.006189	513	0	0.00
13 Tax Adjustment Credit	82,831	(0.010386)	(860)	82,831	(0.010386)	(860)	0	0.00
14 ECIP	82,831	0.001450	120	82,831	0.001450	120	0	0.00
15 Green Enabling Mechanism	82,831	0.000000	-	82,831	0.000000	0	0	0.00
16 Facilities Chg.			-			0	0	0.00
17 Minimum			-			0	0	0.00
18 Miscellaneous			(9)			(8)	1	(11.12)
19 Delivery Subtotal	82,831		\$5,221	82,831		\$5,229	\$8	0.15
20 Unbilled Delivery			49			49	0	0.00
21 Delivery Subtotal w unbilled			\$5,270			\$5,278	\$8	0.15
22								
<b><u>Supply-BGS</u></b>								
24 BGS 0-600 June - September	12,462	0.079973	\$997	12,462	0.079973	\$997	\$0	0.00
25 BGS 0-600 October - May	31,804	0.085278	2,712	31,804	0.085278	2,712	0	0.00
26 BGS over 600 June - September	5,914	0.091921	544	5,914	0.091921	544	0	0.00
27 BGS over 600 October - May	32,651	0.085278	2,784	32,651	0.085278	2,784	0	0.00
28 Transmission	82,831	0.033024	2,735	82,831	0.033024	2,735	0	0.00
29 BGS Reconciliation-RSCP	82,831	0.000000	0	82,831	0.000000	0	0	0.00
30 Miscellaneous			0			0	0	0.00
31 Supply Subtotal	82,831		\$9,772	82,831		\$9,772	\$0	0.00
32 Unbilled Supply			(28)			(28)	0	0.00
33 Supply Subtotal w unbilled			\$9,744			\$9,744	\$0	0.00
34								
35 Total Delivery + Supply	82,831		<u>\$15,014</u>	82,831		<u>\$15,022</u>	<u>\$8</u>	0.05
36								
37								

Notes: All customers assumed to be on BGS.  
Annualized Weather Normalized Revenue reflects Delivery rates in effect 7/1/2024

## Schedule SS-IAP-5E

**RATE SCHEDULE RLM**  
**RESIDENTIAL LOAD MANAGEMENT SERVICE**

**Schedule SS-IAP-5E**

(Units & Revenue in Thousands)

	Annualized Weather Normalized			Proposed			Difference	
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
<b><u>Delivery</u></b>								
1 Service Charge	136.73	13.07	\$1,787	136.73	13.07	\$1,787	\$0	0.00
2 Distribution June - September On Peak	36,909	0.104852	3,870	36,909	0.105286	3,886	16	0.41
3 Distribution June - September Off Peak	40,456	0.018504	749	40,456	0.018579	752	3	0.40
4 Distribution October - May On Peak	45,084	0.018504	834	45,084	0.018579	838	4	0.48
5 Distribution October - May Off Peak	60,863	0.018504	1,126	60,863	0.018579	1,131	5	0.44
6 SBC	183,312	0.009295	1,704	183,312	0.009295	1,704	0	0.00
7 NGC	183,312	0.000024	4	183,312	0.000024	4	0	0.00
8 DAC	183,312	0.000000	0	183,312	0.000000	0	0	0.00
9 STC-MTC-Tax	183,312	0.000000	0	183,312	0.000000	0	0	0.00
10 ZECRC	183,312	0.004000	733	183,312	0.004000	733	0	0.00
11 Solar Pilot Recovery Charge	183,312	0.000057	10	183,312	0.000057	10	0	0.00
12 Green Programs Recovery Charge	183,312	0.006189	1,135	183,312	0.006189	1,135	0	0.00
13 Tax Adjustment Credit	183,312	(0.006666)	(1,222)	183,312	(0.006666)	(1,222)	0	0.00
14 ECIP	183,312	0.002269	416	183,312	0.002269	416	0	0.00
15 Green Enabling Mechanism	183,312	0.000000	0	183,312	0.000000	0	0	0.00
16 Facilities Chg.			0			0	0	0.00
17 Minimum			0			0	0	0.00
18 Miscellaneous			(48)			(49)	(1)	2.09
19 Delivery Subtotal	183,312		\$11,098	183,312		\$11,125	\$27	0.24
20 Unbilled Delivery			84			84	0	0.00
21 Delivery Subtotal w unbilled			\$11,182			\$11,209	\$27	0.24
22								
<b><u>Supply-BGS</u></b>								
24 BGS June - September On Peak	36,909	0.110253	\$4,069	36,909	0.110253	\$4,069	\$0	0.00
25 BGS June - September Off Peak	40,456	0.069723	2,821	40,456	0.069723	2,821	0	0.00
26 BGS October - May On Peak	45,084	0.103087	4,648	45,084	0.103087	4,648	0	0.00
27 BGS October - May Off Peak	60,863	0.076053	4,629	60,863	0.076053	4,629	0	0.00
28 Transmission - On Peak	183,312	0.131681	24,139	183,312	0.131681	24,139	0	0.00
29 BGS Reconciliation-RSCP	183,312	0.000000	0	183,312	0.000000	0	0	0.00
30 Miscellaneous			94			94	0	0.00
31 Supply Subtotal	183,312		<u>\$40,400</u>	183,312		<u>\$40,400</u>	\$0	0.00
32 Unbilled Supply			159			159	0	0.00
33 Supply Subtotal w unbilled			<u>\$40,559</u>			<u>\$40,559</u>	\$0	0.00
34								
35 Total Delivery + Supply	183,312		<u>\$51,741</u>	183,312		<u>\$51,768</u>	<u>\$27</u>	0.05
36								
37								

Notes: All customers assumed to be on BGS.

Annualized Weather Normalized Revenue reflects Delivery rates in effect 7/1/2024

		Annualized			Proposed			Difference	
		Units	Rate	Revenue	Units	Rate	Revenue	Revenue	Percent
		(1)	(2)	(3=1*2)	(4)	(5)	(6=4*5)	(7=6-3)	(8=7/3)
1	Delivery								
1	Distribution Sum	156.793	0.064944	\$10.183	156.793	0.065139	\$10.213	\$0.030	0.29
2	Distribution Win	440	0.064944	\$28.547	440	0.065139	\$28.633	\$0.086	0.30
3	SBC	596	0.009295	\$5.543	596	0.009295	\$5.543	\$0.000	0.00
4	NGC	596	0.000024	\$0.014	596	0.000024	\$0.014	\$0.000	0.00
5	DAC	596	0.000000	\$0.000	596	0.000000	\$0.000	\$0.000	0.00
6	STC-MTC-Tax	596	0.000000	\$0.000	596	0.000000	\$0.000	\$0.000	0.00
7	ZECRC	596	0.004000	\$2.385	596	0.004000	\$2.385	\$0.000	0.00
8	Solar Pilot Recovery Charge	596	0.000057	\$0.034	596	0.000057	\$0.034	\$0.000	0.00
9	Green Programs Recovery Charge	596	0.006189	\$3.691	596	0.006189	\$3.691	\$0.000	0.00
10	Tax Adjustment Credit	596	0.000000	\$0.000	596	0.000000	\$0.000	\$0.000	0.00
11	Green Enabling Mechanism	596	0.000000	\$0.000	596	0.000000	\$0.000	\$0.000	0.00
12	Facilities Chg.			\$0.000			\$0.000	\$0.000	0.00
13	Minimum			\$0.000			\$0.000	\$0.000	0.00
14	Miscellaneous			\$0.000			\$0.000	\$0.000	0.00
15	Delivery Subtotal	596		\$50.397	596		\$50.513	\$0.116	0.23
16	Unbilled Delivery			<u>\$0.000</u>			<u>\$0.000</u>	<u>\$0.000</u>	0.00
17	Delivery Subtotal w unbilled			\$50.397			\$50.513	\$0.116	0.23
18									
19	Supply-BGS								
20	BGS Summer	157	0.077338	\$12.126	157	0.077338	\$12.126	\$0.000	0.00
21	BGS Winter	440	0.078780	\$34.629	440	0.078780	\$34.629	\$0.000	0.00
22	BGS Reconciliation-RSCP	596	0.000000	\$0.000	596	0.000000	\$0.000	\$0.000	0.00
23	Miscellaneous			\$0.000			\$0.000	\$0.000	0.00
24	Supply Subtotal	596		\$46.755	596		\$46.755	\$0.000	0.00
25	Unbilled Supply			<u>\$3.000</u>			<u>\$3.000</u>	<u>\$0.000</u>	0.00
26	Supply Subtotal w unbilled			\$49.755			\$49.755	\$0.000	0.00
27									
28	Total Delivery + Supply	596		<u>\$100.152</u>	596		<u>\$100.268</u>	<u>\$0.116</u>	0.12

Notes: All customers assumed to be on BGS.  
WH, WHS & BPL-POF revenues shown to 3 decimals.  
Annualized Weather Normalized Revenue reflects Delivery rates in effect 7/1/2024

Schedule SS-IAP-5E

**RATE SCHEDULE WHS**  
**WATER HEATING STORAGE SERVICE**  
**Schedule SS-IAP-5E**  
(Units & Revenue in Thousands)

	Annualized Weather Normalized			Proposed			Difference	
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
<b>Delivery</b>								
1 Service Charge	0.098	0.97	\$0.095	0.098	0.97	\$0.095	\$0.000	0.00
2 Distribution June - September	1.895	0.002185	0.004	1.895	0.002185	0.004	0.000	0.00
3 Distribution October - May	4.969	0.002185	0.011	4.969	0.002185	0.011	0.000	0.00
4 SBC	6.864	0.009295	0.064	6.864	0.009295	0.064	0.000	0.00
5 NGC	6.864	0.000024	0.000	6.864	0.000024	0.000	0.000	0.00
6 DAC	6.864	0.000000	0.000	6.864	0.000000	0.000	0.000	0.00
7 STC-MTC-Tax	6.864	0.000000	0.000	6.864	0.000000	0.000	0.000	0.00
8 ZECRC	6.864	0.004000	0.027	6.864	0.004000	0.027	0.000	0.00
9 Solar Pilot Recovery Charge	6.864	0.000057	0.000	6.864	0.000057	0.000	0.000	0.00
10 Green Programs Recovery Charge	6.864	0.006189	0.042	6.864	0.006189	0.042	0.000	0.00
11 Tax Adjustment Credit	6.864	0.000000	0.000	6.864	0.000000	0.000	0.000	0.00
12 Green Enabling Mechanism	6.864	0.000000	0.000	6.864	0.000000	0.000	0.000	0.00
13 Facilities Chg.			0.000			0.000	0.000	0.00
14 Minimum			0.000			0.000	0.000	0.00
15 Miscellaneous			0.000			0.000	0.000	0.00
16 Delivery Subtotal	7		\$0.243	7		\$0.243	\$0.000	0.00
17 Unbilled Delivery			0.000			0.000	0.000	0.00
18 Delivery Subtotal w unbilled			\$0.243			\$0.243	\$0.000	0.00
19								
<b>Supply-BGS</b>								
21 BGS- June - September	1.895	0.079453	\$0.151	1.895	0.079453	\$0.151	\$0.000	0.00
22 BGS- October - May	4.969	0.080785	0.401	4.969	0.080785	0.401	0.000	0.00
23 BGS Reconciliation-RSCP	6.864	0.000000	0.000	6.864	0.000000	0.000	0.000	0.00
24 Miscellaneous			0.000			0.000	0.000	0.00
25 Supply Subtotal	6.864		0.552	6.864		0.552	\$0.000	0.00
26 Unbilled Supply			0.005			0.005	0.000	0.00
27 Supply Subtotal w unbilled			\$0.557			\$0.557	\$0.000	0.00
28								
29 Total Delivery + Supply	6.864		\$0.800	6.864		\$0.800	\$0.000	0.00
30								
31								
32								

Notes: All customers assumed to be on BGS.  
WH, WHS & BPL-POF revenues shown to 3 decimals.  
Annualized Weather Normalized Revenue reflects Delivery rates in effect 7/1/2024

Schedule SS-IAP-5E

**RATE SCHEDULE HS**  
**BUILDING HEATING SERVICE**  
**Schedule SS-IAP-5E**  
(Units & Revenue in Thousands)

	Annualized Weather Normalized			Proposed			Difference	
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
<b><u>Delivery</u></b>								
1 Service Charge	8,538	5.79	\$49	8,538	5.81	\$50	\$1	2.04
2 Distribution June - September	2,410	0.099168	239	2,410	0.099583	240	1	0.42
3 Distribution October - May	8,069	0.052172	421	8,069	0.052172	421	0	0.00
4 SBC	10,479	0.009295	97	10,479	0.009295	97	0	0.00
5 NGC	10,479	0.000024	0	10,479	0.000024	0	0	0.00
6 DAC	10,479	0.000000	0	10,479	0.000000	0	0	0.00
7 STC-MTC-Tax	10,479	0.000000	0	10,479	0.000000	0	0	0.00
8 ZECRC	10,479	0.004000	42	10,479	0.004000	42	0	0.00
9 Solar Pilot Recovery Charge	10,479	0.000057	1	10,479	0.000057	1	0	0.00
10 Green Programs Recovery Charge	10,479	0.006189	65	10,479	0.006189	65	0	0.00
11 Tax Adjustment Credit	10,479	0.000000	0	10,479	0.000000	0	0	0.00
12 Green Enabling Mechanism	10,479	0.000000	0	10,479	0.000000	0	0	0.00
13 Facilities Chg.			0			0	0	0.00
14 Minimum			0			0	0	0.00
15 Miscellaneous			(1)			(1)	0	0.00
16 Delivery Subtotal	10,479		\$913	10,479		\$915	\$2	0.22
17 Unbilled Delivery			<u>1</u>			<u>1</u>	<u>0</u>	0.00
18 Delivery Subtotal w unbilled			\$914			\$916	\$2	0.22
19								
<b><u>Supply-BGS</u></b>								
21 BGS- June - September	2,410	0.086900	\$209	2,410	0.086900	\$209	\$0	0.00
22 BGS- October - May	8,069	0.087123	703	8,069	0.087123	703	0	0.00
23 Transmission	10,479	0.042815	449	10,479	0.042815	449	0	0.00
24 BGS Reconciliation-RSCP	10,479	0.000000	0	10,479	0.000000	0	0	0.00
25 Miscellaneous			0			0	0	0.00
26 Supply Subtotal	10,479		\$1,361	10,479		\$1,361	\$0	0.00
27 Unbilled Supply			<u>(1)</u>			<u>(1)</u>	<u>0</u>	0.00
28 Supply Subtotal w unbilled			\$1,360			\$1,360	\$0	0.00
29								
30 Total Delivery + Supply	10,479		<u>\$2,274</u>	10,479		<u>\$2,276</u>	<u>\$2</u>	0.09
31								
32								
33								
34 Notes:			All customers assumed to be on BGS.					
35			Annualized Weather Normalized Revenue reflects Delivery rates in effect 7/1/2024					
36								
37								
38								
39								

Schedule SS-IAP-5E

**RATE SCHEDULE GLP**  
**GENERAL LIGHTING AND POWER SERVICE**  
**Schedule SS-IAP-5E**  
(Units & Revenue in Thousands)

	Annualized Weather Normalized			Proposed			Difference	
	<u>Units</u> (1)	<u>Rate</u> (2)	<u>Revenue</u> (3=1*2)	<u>Units</u> (4)	<u>Rate</u> (5)	<u>Revenue</u> (6=4*5)	<u>Revenue</u> (7=6-3)	<u>Percent</u> (8=7/3)
<b><u>Delivery</u></b>								
1 Service Charge	3,267.307	7.40	\$24,178	3,267.307	7.44	\$24,309	\$131	0.54
2 Service Charge-unmetered	109.063	3.40	371	109.063	3.42	373	2	0.54
3 Service Charge-Night Use	0.000	7.40	0	0.000	7.44	0	0	0.00
4 Distrib. KW Annual	27,175	4.4150	119,978	27,175	4.4236	120,212	234	0.20
5 Distrib. KW Summer	9,659	15.1922	146,739	9,659	15.2218	147,025	286	0.19
6 Distribution kWhr, June-September	2,599,548	0.015843	41,185	2,599,548	0.015874	41,265	80	0.19
7 Distribution kWhr, October-May	4,794,687	0.003537	16,959	4,794,687	0.003544	16,993	34	0.20
8 Distribution kWhr, Night use, June-September	0	0.003537	0	0	0.003544	0	0	0.00
9 Distribution kWhr, Night use, October-May	0	0.003537	0	0	0.003544	0	0	0.00
10 SBC	7,394,235	0.009295	68,729	7,394,235	0.009295	68,729	0	0.00
11 NGC	7,394,235	0.000024	177	7,394,235	0.000024	177	0	0.00
12 DAC	7,394,235	0.000000	0	7,394,235	0.000000	0	0	0.00
13 STC-MTC-Tax	7,394,235	0.000000	0	7,394,235	0.000000	0	0	0.00
14 ZECRC	7,394,235	0.004000	29,577	7,394,235	0.004000	29,577	0	0.00
15 Solar Pilot Recovery Charge	7,394,235	0.000057	421	7,394,235	0.000057	421	0	0.00
16 Green Programs Recovery Charge	7,394,235	0.006189	45,763	7,394,235	0.006189	45,763	0	0.00
17 Tax Adjustment Credit	7,394,235	(0.002226)	-16,460	7,394,235	(0.002226)	-16,460	0	0.00
18 ECIP	27,175	0.9356	25,425	27,175	0.9356	25,425	0	0.00
19 Green Enabling Mechanism	7,394,235	0.000000	0	7,394,235	0.000000	0	0	0.00
20 Duplicate Svc (Same Sub/Different Sub)		\$2.22/\$3.20	6		\$2.22/\$3.20	6	0	0.00
21 Facilities Chg.		1.45%	60		1.45%	60	0	0.00
22 Minimum			34			34	0	0.00
23 Distrib. Miscellaneous			(2,205)			(2,204)	1	-0.05
24 Delivery Subtotal	7,394,235		\$500,937	7,394,235		\$501,705	\$768	0.15
25 Unbilled Delivery			(1,331)			(1,333)	(2)	0.15
26 Delivery Subtotal w unbilled			\$499,606			\$500,372	\$766	0.15

19	Notes:	All customers assumed to be on BGS.
20		Annualized Weather Normalized Revenue reflects Delivery rates in effect 7/1/2024

Schedule SS-IAP-5E

**RATE SCHEDULE LPL-Sec**  
**LARGE POWER & LIGHTING SERVICE-SECONDARY**  
**Schedule SS-IAP-5E**  
(Units & Revenue in Thousands)

	Annualized Weather Normalized			Proposed			Difference	
	<u>Units</u>	<u>Rate</u>	<u>Revenue</u>	<u>Units</u>	<u>Rate</u>	<u>Revenue</u>	<u>Revenue</u>	<u>Percent</u>
<u>Delivery</u>	(1)	(2)	(3=1*2)	(4)	(5)	(6=4*5)	(7=6-3)	(8=7/3)
1 Service Charge	115.383	347.77	\$40,127	115.383	347.77	\$40,127	\$0	0.00
2 Distrib. KW Annual	26,251	3.7316	97,960	26,251	3.7461	98,340	380	0.39
3 Distrib. KW June - September	9,220	13.0655	120,462	9,220	13.1160	120,928	466	0.39
4 Distribution kWhr On Peak June-September	1,736,867	0.000000	0	1,736,867	0.000000	0	0	0.00
5 Distribution kWhr Off Peak June-September	1,873,604	0.000000	0	1,873,604	0.000000	0	0	0.00
6 Distribution kWhr On Peak October-May	3,103,218	0.000000	0	3,103,218	0.000000	0	0	0.00
7 Distribution kWhr Off Peak October-May	3,501,419	0.000000	0	3,501,419	0.000000	0	0	0.00
8 SBC	10,215,108	0.009295	94,949	10,215,108	0.009295	94,949	0	0.00
9 NGC	10,215,108	0.000024	245	10,215,108	0.000024	245	0	0.00
10 DAC	10,215,108	0.000000	0	10,215,108	0.000000	0	0	0.00
11 STC-MTC-Tax	10,215,108	0.000000	0	10,215,108	0.000000	0	0	0.00
12 ZECRC	10,215,108	0.004000	40,860	10,215,108	0.004000	40,860	0	0.00
13 Solar Pilot Recovery Charge	10,215,108	0.000057	582	10,215,108	0.000057	582	0	0.00
14 CIEP Standby Fee	3,107,521	0.000150	466	3,107,521	0.000150	466	0	0.00
15 Green Programs Recovery Charge	10,215,108	0.006189	63,221	10,215,108	0.006189	63,221	0	0.00
16 Tax Adjustment Credit	10,215,108	(0.001367)	-13,964	10,215,108	(0.001367)	-13,964	0	0.00
17 ECIP	26,251	1.118400	29,360	26,251	1.118400	29,360	0	0.00
17 Green Enabling Mechanism	10,215,108	0.000000	0	10,215,108	0.000000	0	0	0.00
18 Duplicate Svc (Same Sub/Different Sub)		\$2.22/\$3.20	131		\$2.22/\$3.20	131	0	0.00
19 Facilities Chg.		1.45%	259		1.45%	259	0	0.00
20 Minimum			0			0	0	0.00
21 Dist. Miscellaneous			(2,659)			(2,659)	(0)	0.00
22 Delivery Subtotal	10,215,108		\$472,000	10,215,108		\$472,846	\$846	0.18
23 Unbilled Delivery			1,900			1,903	3	0.16
24 Delivery Subtotal w unbilled			\$473,900			\$474,749	\$849	0.18

Notes: All customers assumed to be on BGS.  
Annualized Weather Normalized Revenue reflects Delivery rates in effect 7/1/2024

Schedule SS-IAP-5E

**RATE SCHEDULE LPL-Pri**  
**LARGE POWER & LIGHTING SERVICE-PRIMARY**  
**Schedule SS-IAP-5E**  
(Units & Revenue in Thousands)

	Annualized Weather Normalized			Proposed			Difference	
	<u>Units</u> (1)	<u>Rate</u> (2)	<u>Revenue</u> (3=1*2)	<u>Units</u> (4)	<u>Rate</u> (5)	<u>Revenue</u> (6=4*5)	<u>Revenue</u> (7=6-3)	<u>Percent</u> (8=7/3)
<b><u>Delivery</u></b>								
1 Service Charge	9,314	347.77	\$3,239	9,314	347.77	\$3,239	\$0	0.00
2 Service Charge-Alternate	0.244	33.40	8	0.244	33.56	8	0	0.00
3 Distrib. KW Annual	7,086	2.4351	17,255	7,086	2.4447	17,323	68	0.39
4 Distrib. KW June - September	2,463	11.7751	28,997	2,463	11.8218	29,112	115	0.40
5 Distribution kWhr On Peak June-September	501,565	0.000000	0	501,565	0.000000	0	0	0.00
6 Distribution kWhr Off Peak June-September	611,776	0.000000	0	611,776	0.000000	0	0	0.00
7 Distribution kWhr On Peak October-May	878,577	0.000000	0	878,577	0.000000	0	0	0.00
8 Distribution kWhr Off Peak October-May	1,091,742	0.000000	0	1,091,742	0.000000	0	0	0.00
9 SBC	3,083,660	0.009125	28,138	3,083,660	0.009125	28,138	0	0.00
10 NGC	3,083,660	0.000024	74	3,083,660	0.000024	74	0	0.00
11 DAC	3,083,660	0.000000	0	3,083,660	0.000000	0	0	0.00
12 STC-MTC-Tax	3,083,660	0.000000	0	3,083,660	0.000000	0	0	0.00
13 ZECRC	3,083,660	0.004000	12,335	3,083,660	0.004000	12,335	0	0.00
14 Solar Pilot Recovery Charge	3,083,660	0.000057	176	3,083,660	0.000057	176	0	0.00
15 CIEP Standby Fee	3,083,660	0.000150	463	3,083,660	0.000150	463	0	0.00
16 Green Programs Recovery Charge	3,083,660	0.006189	19,085	3,083,660	0.006189	19,085	0	0.00
17 Tax Adjustment Credit	3,083,660	(0.000784)	-2,418	3,083,660	(0.000784)	-2,418	0	0.00
18 Green Enabling Mechanism	3,083,660	0.000000	0	3,083,660	0.000000	0	0	0.00
19 Duplicate Svc (Same Sub/Different Sub)		\$2.22/\$3.20	586		\$2.22/\$3.20	586	0	0.00
20 Facilities Chg.		1.45%	428		1.45%	428	0	0.00
21 Minimum			3			3	0	0.00
22 Dist. Miscellaneous			(421)			(421)	0	0.00
23 Delivery Subtotal	3,083,660		\$107,948	3,083,660		\$108,131	\$183	0.17
24 Unbilled Delivery			801			802	1	0.12
25 Delivery Subtotal w unbilled			\$108,749			\$108,933	\$184	0.17

Schedule SS-IAP-5E

**RATE SCHEDULE LPL-Pri**  
**LARGE POWER & LIGHTING SERVICE-PRIMARY**  
**Schedule SS-IAP-5E**  
(Units & Revenue in Thousands)

		Annualized Weather Normalized			Proposed			Difference	
		<u>Units</u>	<u>Rate</u>	<u>Revenue</u>	<u>Units</u>	<u>Rate</u>	<u>Revenue</u>	<u>Revenue</u>	<u>Percent</u>
		(1)	(2)	(3=1*2)	(4)	(5)	(6=4*5)	(7=6-3)	(8=7/3)
<b>Supply-BGS</b>									
1	Generation Capacity Obl June-September	2,186	11.5118	\$25,163	2,186	11.5118	\$25,163	\$0	0.00
2	Generation Capacity Obl October-May	4,338	11.5118	49,937	4,338	11.5118	49,937	0	0.00
3	Transmission Capacity Obl	5,771	13.7104	79,123	5,771	13.7104	79,123	0	0.00
4	BGS kWhr June-September On Peak	501,565	0.032601	16,352	501,565	0.032601	16,352	0	0.00
5	BGS kWhr June-September Off Peak	611,776	0.032601	19,945	611,776	0.032601	19,945	0	0.00
6	BGS kWhr October-May On Peak	878,577	0.033631	29,547	878,577	0.033631	29,547	0	0.00
7	BGS kWhr October-May Off Peak	1,091,742	0.033631	36,716	1,091,742	0.033631	36,716	0	0.00
8	BGS Reconciliation-CIEP	3,083,660	0.000000	0	3,083,660	0.000000	0	0	0.00
9	BGS Miscellaneous			<u>4,466</u>			<u>4,466</u>	<u>0</u>	0.00
10	Supply Subtotal	3,083,660		\$261,249	3,083,660		\$261,249	\$0	0.00
11	Unbilled Supply			<u>3,638</u>			<u>3,638</u>	<u>0</u>	0.00
12	Supply Subtotal w unbilled			\$264,887			\$264,887	\$0	0.00
13									
14	Total Delivery + Supply	3,083,660		<u>\$373.636</u>	3,083,660		<u>\$373.820</u>	<u>\$184</u>	0.05

Notes: All customers assumed to be on BGS.  
Annualized Weather Normalized Revenue reflects Delivery rates in effect 7/1/2024

Schedule SS-IAP-5E

**RATE SCHEDULE HTS-SUBTR.**  
**HIGH TENSION SERVICE-SUBTRANSMISSION**  
**Schedule SS-IAP-5E**  
(Units & Revenue in Thousands)

	Annualized Weather Normalized			Proposed			Difference	
	<u>Units</u> (1)	<u>Rate</u> (2)	<u>Revenue</u> (3=1*2)	<u>Units</u> (4)	<u>Rate</u> (5)	<u>Revenue</u> (6=4*5)	<u>Revenue</u> (7=6-3)	<u>Percent</u> (8=7/3)
<b><u>Delivery</u></b>								
1 Service Charge	2,226	1,911.39	\$4,255	2,226	1,911.39	\$4,255	\$0	0.00
2 Distrib. KW Annual	12,250	1.6222	19,872	12,250	1.6289	19,954	82	0.41
3 Distrib. KW June - September	3,246	5.8640	19,034	3,246	5.8883	19,112	78	0.41
4 Distribution kWhr On Peak	2,143,492	0.000000	0	2,143,492	0.000000	0	0	0.00
5 Spare	0	0.000000	0	0	0.000000	0	0	0.00
6 Distribution kWhr Off Peak	2,653,574	0.000000	0	2,653,574	0.000000	0	0	0.00
7 Spare	0	0.000000	0	0	0.000000	0	0	0.00
8 SBC	4,797,066	0.009043	43,380	4,797,066	0.009043	43,380	0	0.00
9 NGC	4,797,066	0.000023	110	4,797,066	0.000023	110	0	0.00
10 DAC	4,797,066	0.000000	0	4,797,066	0.000000	0	0	0.00
11 STC-MTC-Tax	4,797,066	0.000000	0	4,797,066	0.000000	0	0	0.00
12 ZECRC	4,797,066	0.004000	19,188	4,797,066	0.004000	19,188	0	0.00
13 Solar Pilot Recovery Charge	4,797,066	0.000057	273	4,797,066	0.000057	273	0	0.00
14 CIEP Standby Fee	4,797,066	0.000150	720	4,797,066	0.000150	720	0	0.00
15 Green Programs Recovery Charge	4,797,066	0.006189	29,689	4,797,066	0.006189	29,689	0	0.00
16 Tax Adjustment Credit	4,797,066	(0.000733)	-3,516	4,797,066	(0.000733)	-3,516	0	0.00
17 Green Enabling Mechanism	4,797,066	0.000000	0	4,797,066	0.000000	0	0	0.00
18 Duplicate Svc (Same Sub/Different Sub)		\$1.83/\$2.20	99		\$1.83/\$2.20	99	0	0.00
19 Facilities Chg.		1.45%	280		1.45%	280	0	0.00
20 Minimum			0			0	0	0.00
21 Dist. Miscellaneous			(346)			(345)	1	(0.29)
22 Delivery Subtotal	4,797,066		\$133,038	4,797,066		\$133,199	\$161	0.12
23 Unbilled Delivery			1,596			1,598	2	0.13
24 Delivery Subtotal w unbilled			\$134,634			\$134,797	\$163	0.12

19	Notes:	All customers assumed to be on BGS.
20		Annualized Weather Normalized Revenue reflects Delivery rates in effect 7/1/2024

Schedule SS-IAP-5E

**RATE SCHEDULE HTS-HV**  
**HIGH TENSION SERVICE-HIGH VOLTAGE**  
**Schedule SS-IAP-5E**  
(Units & Revenue in Thousands)

	Annualized Weather Normalized			Proposed			Difference	
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
<b><u>Delivery</u></b>								
1 Service Charge	0.088	1,720.25	\$151	0.088	1,720.25	\$151	\$0	0.00
2 Distrib. KW Annual	3,193	0.6370	2,034	3,193	0.6370	2,034	0	0.00
3 Distrib. KW June - September	0	0.0000	0	0	0.0000	0	0	0.00
4 Distribution kWhr On Peak	222,993	0.000000	0	222,993	0.000000	0	0	0.00
5 Spare	0	0.000000	0	0	0.000000	0	0	0.00
6 Distribution kWhr Off Peak	277,795	0.000000	0	277,795	0.000000	0	0	0.00
7 Spare	0	0.000000	0	0	0.000000	0	0	0.00
8 SBC	500,788	0.008968	4,491	500,788	0.008968	4,491	0	0.00
9 NGC	500,788	0.000023	12	500,788	0.000023	12	0	0.00
10 DAC	500,788	0.000000	0	500,788	0.000000	0	0	0.00
11 STC-MTC-Tax	500,788	0.000000	0	500,788	0.000000	0	0	0.00
12 ZECRC	500,788	0.004000	2,003	500,788	0.004000	2,003	0	0.00
13 Solar Pilot Recovery Charge	500,788	0.000057	29	500,788	0.000057	29	0	0.00
14 CIEP Standby Fee	500,788	0.000150	75	500,788	0.000150	75	0	0.00
15 Green Programs Recovery Charge	500,788	0.006189	3,099	500,788	0.006189	3,099	0	0.00
16 Tax Adjustment Credit	500,788	(0.000304)	-152	500,788	(0.000304)	-152	0	0.00
17 Green Enabling Mechanism	500,788	0.000000	0	500,788	0.000000	0	0	0.00
18 Facilities Chg.			36			36	0	0.00
19 Minimum			0			0	0	0.00
20 Dist. Miscellaneous			(110)			(110)	0	0.00
21 Delivery Subtotal	500,788		\$11,668	500,788		\$11,668	\$0	0.00
22 Unbilled Delivery			426			426	0	0.00
23 Delivery Subtotal w unbilled			\$12,094			\$12,094	\$0	0.00

Schedule SS-IAP-5E

**RATE SCHEDULE HTS-HV**  
**HIGH TENSION SERVICE-HIGH VOLTAGE**  
**Schedule SS-IAP-5E**  
(Units & Revenue in Thousands)

		Annualized Weather Normalized			Proposed			Difference	
		<u>Units</u>	<u>Rate</u>	<u>Revenue</u>	<u>Units</u>	<u>Rate</u>	<u>Revenue</u>	<u>Revenue</u>	<u>Percent</u>
		(1)	(2)	(3=1*2)	(4)	(5)	(6=4*5)	(7=6-3)	(8=7/3)
<b><u>Supply-BGS</u></b>									
1	Generation Capacity Obl June-September	246	11.5118	\$2,833	246	11.5118	\$2,833	\$0	0.00
2	Generation Capacity Obl October-May	442	11.5118	5,085	442	11.5118	5,085	0	0.00
3	Transmission Capacity Obl	611	13.7104	8,382	611	13.7104	8,382	0	0.00
4	BGS kWhr June-September On	56,600	0.030419	1,722	56,600	0.030419	1,722	0	0.00
5	BGS kWhr June-September Off	166,393	0.030419	5,061	166,393	0.030419	5,061	0	0.00
6	BGS kWhr October-May On	69,004	0.031455	2,171	69,004	0.031455	2,171	0	0.00
7	BGS kWhr October-May Off	208,791	0.031455	6,568	208,791	0.031455	6,568	0	0.00
8	BGS Reconciliation-CIEP	500,788	0.000000	0	500,788	0.000000	0	0	0.00
9	BGS Miscellaneous			800			800	0	0.00
10	Supply Subtotal	500,788		\$32,622	500,788		\$32,622	\$0	0.00
11	Unbilled Supply			0			0	0	0.00
12	Supply Subtotal w unbilled			\$32,622			\$32,622	\$0	0.00
13									
14	Total Delivery + Supply	500,788		<u>\$44,716</u>	500,788		<u>\$44,716</u>	<u>\$0</u>	0.00

Notes: All customers assumed to be on BGS.  
Annualized Weather Normalized Revenue reflects Delivery rates in effect 7/1/2024

Schedule SS-IAP-5E

**RATE SCHEDULE BPL**  
**BODY POLITIC LIGHTING SERVICE**  
**Schedule SS-IAP-5E**  
(Units & Revenue in Thousands)

	Annualized Weather Normalized			Proposed			Difference	
	<u>Units</u> (1)	<u>Rate</u> (2)	<u>Revenue</u> (3=1*2)	<u>Units</u> (4)	<u>Rate</u> (5)	<u>Revenue</u> (6=4*5)	<u>Revenue</u> (7=6-3)	<u>Percent</u> (8=7/3)
<b><u>Delivery</u></b>								
1 High Pressure Sodium	2,219.184	0	\$ 25,129	2,219.184	0	\$ 26,984	\$1,855	7.38
2 Metal Halide	286.644	0	5,656	286.644	0	5,948	292	5.16
3 Filament/Incandescent	142.200	0	542	142.200	0	891	349	64.39
4 Mercury Vapor	312.204	0	2,360	312.204	0	3,113	753	31.91
5 Induction	1,320.456	0	12,847	1,320.456	0	14,666	1,819	14.16
6 LED	248.520	0	5,085	248.520	0	5,414	329	6.47
7								
8 Distribution June-September	75,127	0.007934	\$596	75,127	0.007947	\$597	1	0.17
9 Distribution October-May	206,917	0.007934	1,642	206,917	0.007947	1,644	2	0.12
10 SBC	282,044	0.009295	2,622	282,044	0.009295	2,622	0	0.00
11 NGC	282,044	0.000024	7	282,044	0.000024	7	0	0.00
12 ZECRC	282,044	0.004000	1,128	282,044	0.004000	1,128	0	0.00
13 Solar Pilot Recovery Charge	282,044	0.000057	16	282,044	0.000057	16	0	0.00
14 Green Programs Recovery Charge	282,044	0.006189	1,746	282,044	0.006189	1,746	0	0.00
15 Tax Adjustment Credit	282,044	0.000000	0	282,044	0.000000	0	0	0.00
16 ECIP	282,044	0.000000	0	282,044	0.000000	0	0	0.00
17								
18 Pole Charges	721.980		2,721	721.980		2,809	88	3.23
19 Minimum			0			0	0	0.00
20 Miscellaneous			490			-4,994	(5,484)	(1,119.33)
21 Delivery Subtotal			\$62,587			\$62,591	\$4	0.01
22 Unbilled Delivery			0			0	0	0.00
23 Delivery Subtotal w unbilled			\$62,587			\$62,591	\$4	0.01
24								
<b><u>Supply-BGS</u></b>								
26 BGS June-September	75,127	0.071754	5,391	75,127	0.071754	5,391	0	0.00
27 BGS October-May	206,917	0.077576	16,052	206,917	0.077576	16,052	0	0.00
28 BGS Reconciliation-RSCP	282,044	0.000000	0	282,044	0.000000	0	0	0.00
29 Miscellaneous			(1)			(1)	0	0.00
30 Supply Subtotal			\$21,442			\$21,442	\$0	0.00
31 Unbilled Supply			0			0	0	0.00
32 Supply Subtotal w unbilled			\$21,442			\$21,442	\$0	0.00
33								
34 Total Delivery + Supply	282,044		\$84,029	282,044		\$84,033	\$4	0.00

Notes: All customers assumed to be on BGS.  
Annualized Weather Normalized Revenue reflects Delivery rates in effect 7/1/2024

Schedule SS-IAP-5E

**RATE SCHEDULE BPL-POF**  
**BODY POLITIC LIGHTING SERVICE-POF**  
**Schedule SS-IAP-5E**  
(Units & Revenue in Thousands)

	Annualized Weather Normalized			Proposed			Difference	
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
<b><u>Delivery</u></b>								
1 High Pressure Sodium	124.548	0	\$ 230.500	124.548	0	\$ 276.919	\$46.419	20.14
2 Metal Halide	1.476	0	\$ 5.823	1.476	0	\$ 6.891	\$1.068	18.34
3 Filament	6.048	0	\$ 25.670	6.048	0	\$ 31.652	\$5.982	23.30
4 Mercury Vapor	4.140	0	\$ 2.657	4.140	0	\$ 3.402	\$0.745	28.04
5 Fluorescent	0.024	0	\$ -	0.024	0	\$ -	\$0.000	0.00
6 Induction	0.000	0	\$ -	0.000	0	\$ -	\$0.000	0.00
7 LED	0.000	0	\$ -	0.000	0	\$ -	\$0.000	0.00
8								
9 Distribution June-September	3,632	0.008297	\$ 30.138	3,632	0.008297	\$ 30.139	\$0.001	0.00
10 Distribution October-May	10,407	0.008297	\$ 86.344	10,407	0.008297	\$ 86.348	\$0.004	0.00
11 SBC	14,039	0.009295	\$ 130.493	14,039	0.009295	\$ 130.493	\$0.000	0.00
12 NGC	14,039	0.000024	\$ 0.337	14,039	0.000024	\$ 0.337	\$0.000	0.00
13 ZECRC	14,039	0.004000	\$ 56.156	14,039	0.004000	\$ 56.156	\$0.000	0.00
14 Solar Pilot Recovery Charge	14,039	0.000057	\$ 0.800	14,039	0.000057	\$ 0.800	\$0.000	0.00
15 Green Programs Recovery Charge	14,039	0.006189	\$ 86.888	14,039	0.006189	\$ 86.888	\$0.000	0.00
16 Tax Adjustment Credit	14,039	0.000000	\$ -	14,039	0.000000	\$ -	\$0.000	0.00
17 ECIP	14,039	0.000000	\$ -	14,039	0.000000	\$ -	\$0.000	0.00
18								
19 Pole Charges			\$ -			\$ -	\$0.000	0.00
20 Minimum			\$ -			\$ -	\$0.000	0.00
21 Miscellaneous			\$ (0.743)			\$ (54.774)	-\$54.031	7,274.44
22 Delivery Subtotal			\$ 655.063			\$ 655.251	\$0.188	0.03
23 Unbilled Delivery			\$ -			\$ -	\$0.000	0.00
24 Delivery Subtotal w unbilled			\$ 655.063			\$ 655.251	\$0.188	0.03
25								
<b><u>Supply-BGS</u></b>								
27 BGS June-September	3,632	0.071754	\$ 260.635	3,632	0.071754	\$ 260.635	\$0.000	0.00
28 BGS October-May	10,407	0.077576	\$ 807.309	10,407	0.077576	\$ 807.309	\$0.000	0.00
29 BGS Reconciliation-RSCP	14,039	0.000000	\$ -	14,039	0.000000	\$ -	\$0.000	0.00
30 Miscellaneous			\$ -			\$ -	\$0.000	0.00
31 Supply Subtotal			\$ 1,067.944			\$ 1,067.944	\$0.000	0.00
32 Unbilled Supply			\$ -			\$ -	\$0.000	0.00
33 Supply Subtotal w unbilled			\$ 1,067.944			\$ 1,067.944	\$0.000	0.00
34								
35 Total Delivery + Supply	14,039		\$ 1,723.007	14,039		\$ 1,723.195	\$0.188	0.01

Notes: All customers assumed to be on BGS.  
WH, WHS & BPL-POF revenues shown to 3 decimals.  
Annualized Weather Normalized Revenue reflects Delivery rates in effect 7/1/2024

Schedule SS-IAP-5E

**RATE SCHEDULE PSAL**  
**PRIVATE STREET AND AREA LIGHTING SERVICE**  
**Schedule SS-IAP-5E**  
(Units & Revenue in Thousands)

	Annualized Weather Normalized			Proposed			Difference	
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
<b><u>Delivery</u></b>								
1 High Pressure Sodium	719.940	0	\$ 12,664	719.940	0	\$ 13,884	\$1,220	9.63
2 Metal Halide	175.920	0	4,279	175.920	0	4,445	166	3.88
3 Filament/Incandescent	0.960	0	7	0.960	0	7	0	0.00
4 Mercury Vapor	65.940	0	740	65.940	0	1,233	493	66.62
5 Induction	7.836	0	117	7.836	0	126	9	7.69
6 LED	168.036	0	3,842	168.036	0	4,059	217	5.65
7								
8 Distribution June-September	36,506	0.008487	\$310	36,506	0.008487	\$310	0	0.00
9 Distribution October-May	96,106	0.008487	816	96,106	0.008487	816	0	0.00
10 SBC	132,612	0.009295	1,233	132,612	0.009295	1,233	0	0.00
11 NGC	132,612	0.000024	3	132,612	0.000024	3	0	0.00
12 ZECRC	132,612	0.004000	530	132,612	0.004000	530	0	0.00
13 Solar Pilot Recovery Charge	132,612	0.000057	8	132,612	0.000057	8	0	0.00
14 Green Programs Recovery Charge	132,612	0.006189	821	132,612	0.006189	821	0	0.00
15 Tax Adjustment Credit	132,612	0.000000	0	132,612	0.000000	0	0	0.00
16 ECIP	132,612	0.000000	0	132,612	0.000000	0	0	0.00
17								
18 Pole Charges	361.188		4,025	361.188		4,390	365	9.07
19 Minimum			0			0	0	0.00
20 Miscellaneous			(983)			(3,451)	(2,468)	251.12
21 Delivery Subtotal			\$28,412			\$28,414	\$2	0.01
22 Unbilled Delivery			108			108	0	0.00
23 Delivery Subtotal w unbilled			\$28,520			\$28,522	\$2	0.01
24								
<b><u>Supply-BGS</u></b>								
26 BGS June-September	36,506	0.071754	2,619	36,506	0.071754	2,619	0	0.00
27 BGS October-May	96,106	0.077576	7,456	96,106	0.077576	7,456	0	0.00
28 BGS Reconciliation-RSCP	132,612	0.000000	0	132,612	0.000000	0	0	0.00
29 Miscellaneous			-2			-2	0	0.00
30 Supply Subtotal			\$10,073			\$10,073	\$0	0.00
31 Unbilled Supply			53			53	0	0.00
32 Supply Subtotal w unbilled			\$10,126			\$10,126	\$0	0.00
33								
34 Total Delivery + Supply	132,612		<u>\$38,646</u>	132,612		<u>\$38,648</u>	<u>\$2</u>	0.01

Notes: All customers assumed to be on BGS.  
Annualized Weather Normalized Revenue reflects Delivery rates in effect 7/1/2024

**Electric Tariff Rates**

Proposed Revenue Requirement Increase \$ 5,509,009

		<b><u>Current Total Distribution Charges</u></b>		<b><u>Proposed Total Distribution Charges</u></b>		<b><u>Difference</u></b>	
		<b><u>Charge w/out SUT</u></b>	<b><u>Charge w/ SUT</u></b>	<b><u>Charge w/out SUT</u></b>	<b><u>Charge w/ SUT</u></b>	<b><u>w/out SUT</u></b>	<b><u>% w/out SUT</u></b>
<b><u>Rate Schedules</u></b>							
RS	Service Charge	\$5.63	\$6.00	\$5.63	\$6.00	\$0.00	0.00%
	Distribution 0-600 Sum	\$0.077116	\$0.082225	\$0.077468	\$0.082600	\$0.000352	0.46%
	Distribution 0-600 Win	\$0.044805	\$0.047773	\$0.045006	\$0.047988	\$0.000201	0.45%
	Distribution over 600 Sum	\$0.080937	\$0.086299	\$0.081289	\$0.086674	\$0.000352	0.43%
	Distribution over 600 Win	\$0.044805	\$0.047773	\$0.045006	\$0.047988	\$0.000201	0.45%
RHS	Service Charge	\$5.63	\$6.00	\$5.63	\$6.00	\$0.00	0.00%
	Distribution 0-600 Sum	\$0.086914	\$0.092672	\$0.087094	\$0.092864	\$0.000180	0.21%
	Distribution 0-600 Win	\$0.044463	\$0.047409	\$0.044536	\$0.047487	\$0.000073	0.16%
	Distribution over 600 Sum	\$0.091814	\$0.097897	\$0.091994	\$0.098089	\$0.000180	0.20%
	Distribution over 600 Win	\$0.026863	\$0.028643	\$0.026936	\$0.028721	\$0.000073	0.27%
	Common Use	\$0.091814	\$0.097897	\$0.091994	\$0.098089	\$0.000180	0.20%
RLM	Service Charge	\$13.07	\$13.94	\$13.07	\$13.94	\$0.00	0.00%
	Distrib. kWhr Summer On	\$0.104852	\$0.111798	\$0.105286	\$0.112261	\$0.000434	0.41%
	Distrib. kWhr Summer Off	\$0.018504	\$0.019730	\$0.018579	\$0.019810	\$0.000075	0.41%
	Distrib. kWhr Winter On	\$0.018504	\$0.019730	\$0.018579	\$0.019810	\$0.000075	0.41%
	Distrib. kWhr Winter Off	\$0.018504	\$0.019730	\$0.018579	\$0.019810	\$0.000075	0.41%
WH	Distribution	\$0.064944	\$0.069247	\$0.065139	\$0.069454	\$0.000195	0.30%
WHS	Service Charge	\$0.97	\$1.03	\$0.97	\$1.03	\$0.00	0.00%
	Distribution	\$0.002185	\$0.002330	\$0.002185	\$0.002330	\$0.000000	0.00%
HS	Service Charge	\$5.79	\$6.17	\$5.81	\$6.19	\$0.02	0.35%
	Distribution June-September	\$0.099168	\$0.105738	\$0.099583	\$0.106180	\$0.000415	0.42%
	Distribution October-May	\$0.052172	\$0.055628	\$0.052172	\$0.055628	\$0.000000	0.00%
GLP	Service Charge	\$7.40	\$7.89	\$7.44	\$7.93	\$0.04	0.54%
	Service Charge-unmetered	\$3.40	\$3.63	\$3.42	\$3.65	\$0.02	0.59%
	Service Charge-Night Use	\$7.40	\$7.89	\$7.44	\$7.93	\$0.04	0.54%
	Distrib. KW Annual	\$4.4150	\$4.7075	\$4.4236	\$4.7167	\$0.0086	0.19%
	Distrib. KW Summer	\$15.1922	\$16.1987	\$15.2218	\$16.2302	\$0.0296	0.19%
	Distribution kWhr, June-September	\$0.015843	\$0.016893	\$0.015874	\$0.016926	\$0.000031	0.20%
	Distribution kWhr, October-May	\$0.003537	\$0.003771	\$0.003544	\$0.003779	\$0.000007	0.20%
	Distribution kWhr, Night use, June-September	\$0.003537	\$0.003771	\$0.003544	\$0.003779	\$0.000007	0.20%
	Distribution kWhr, Night use, October-May	\$0.003537	\$0.003771	\$0.003544	\$0.003779	\$0.000007	0.20%

**Electric Tariff Rates**

Proposed Revenue Requirement Increase \$ 5,509,009

		<b><u>Current Total Distribution Charges</u></b>		<b><u>Proposed Total Distribution Charges</u></b>		<b><u>Difference</u></b>	
		<b><u>Charge w/out SUT</u></b>	<b><u>Charge w/ SUT</u></b>	<b><u>Charge w/out SUT</u></b>	<b><u>Charge w/ SUT</u></b>	<b><u>w/out SUT</u></b>	<b><u>% w/out SUT</u></b>
<b><u>Rate Schedules</u></b>							
LPL-Secondary	Service Charge	\$347.77	\$370.81	\$347.77	\$370.81	\$0.00	0.00%
	Distrib. KW Annual	\$3.7316	\$3.9788	\$3.7461	\$3.9943	\$0.0145	0.39%
	Distrib. KW Summer	\$13.0655	\$13.9311	\$13.1160	\$13.9849	\$0.0505	0.39%
	Distribution kWhr	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000	0.00%
LPL-Primary	Service Charge	\$347.77	\$370.81	\$347.77	\$370.81	\$0.00	0.00%
	Service Charge-Alternate	\$33.40	\$35.61	\$33.56	\$35.78	\$0.16	0.48%
	Distrib. KW Annual	\$2.4351	\$2.5964	\$2.4447	\$2.6067	\$0.0096	0.39%
	Distrib. KW Summer	\$11.7751	\$12.5552	\$11.8218	\$12.6050	\$0.0467	0.40%
	Distribution kWhr	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000	0.00%
HTS-Subtransmission	Service Charge	\$1,911.39	\$2,038.02	\$1,911.39	\$2,038.02	\$0.00	0.00%
	Distrib. KW Annual	\$1.6222	\$1.7297	\$1.6289	\$1.7368	\$0.0067	0.41%
	Distrib. KW Summer	\$5.8640	\$6.2525	\$5.8883	\$6.2784	\$0.0243	0.41%
	Distribution kWhr	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000	0.00%
HTS-HV	Service Charge	\$1,720.25	\$1,834.22	\$1,720.25	\$1,834.22	\$0.00	0.00%
	Distrib. KW Annual	\$0.6370	\$0.6792	\$0.6370	\$0.6792	\$0.0000	0.00%
	Distribution kWhr	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000	0.00%
BPL	Distribution Sum	\$0.007934	\$0.008460	\$0.007947	\$0.008473	\$0.000013	0.16%
	Distribution Winter	\$0.007934	\$0.008460	\$0.007947	\$0.008473	\$0.000013	0.16%
BPL-POF	Distribution Sum	\$0.008297	\$0.008847	\$0.008297	\$0.008847	\$0.000000	0.00%
	Distribution Winter	\$0.008297	\$0.008847	\$0.008297	\$0.008847	\$0.000000	0.00%
PSAL	Distribution Sum	\$0.008487	\$0.009049	\$0.008487	\$0.009049	\$0.000000	0.00%
	Distribution Winter	\$0.008487	\$0.009049	\$0.008487	\$0.009049	\$0.000000	0.00%

**Gas Revenue Requirement Allocation Explanation of Format**

Pages 2 through 5 presented in Schedule SS-IAP-5G are the four (4) relevant pages from the complete cost of service and revenue requirement allocation methodology based on the 2023 Base Rate Case Settlement, approved by the Board on October 9, 2024. Page 2 Part 1 shows the “Final” revenue requirement allocation to each rate class and its associated functions as defined in the 2023 PSE&G Base Rate Case (Rate Case). Part 2 allocates the IAP Revenue Increase in accordance with the Rate Case Board Order. Pages 3 and 4 provide the interclass revenue allocations based upon the rate rules approved in the Rate Case. Page 5 provides the service charges calculations for each rate class by which are calculated in accordance with the Rate Case Board Order.

**Gas Rate Design (Proof of Revenue by Rate Class) Explanation of Format**

The summary provides by rate schedule the Annualized Weather Normalized (all customers assumed to be on BGSS) revenue based on current tariff rates and the proposed initial rate change.

Pages 6 through 16 presented in Schedule SS-IAP-5G are the are the selected applicable columns of the relevant pages from the complete rate change workpapers from the Company's 2023 Gas Base Rate Case and have been appropriately modified per my testimony to reflect this Infrastructure Advancement Program (IAP).

**Annualized Weather Normalized (all customers assumed to be on BGSS) and the Proposed Detailed Rate Design**

In the detailed rate design pages, all the components are separated into Delivery and Supply. In addition to the Distribution components of Delivery, also included in the schedule are lines for Balancing, Societal Benefits Charge, Margin Adjustment Charge, Gas Conservation Incentive Program, Green Programs Recovery Charge, Tax Adjustment Credit, Facilities Charge, Minimum Charge, Miscellaneous items, and Unbilled Revenue.

Column (1) shows the annualized weather normalized billing units. Column (2) shows present Delivery rates (without Sales and Use Tax, SUT) effective November 1, 2024. The commodity rates in the Column (2) reflect November 2023 through October 2024, class-weighted averages (BGSS-RSG uses the rate as of 10/15/2024). Column (3) presents annualized revenue assuming all customers are provided service under their applicable BGSS provision. Column (4) repeats the billing units of Column (1). Column (5) shows the proposed rates without SUT that result in the proposed revenues shown in Column (6). Columns (7) and (8) show the proposed base rate revenue increase, in thousands of dollars and percent increase, respectively, for each of the billing unit blocks. The proposed tariff charges (with and without SUT) are provided on pages 15 and 16 of this schedule.

Cost of Service and Rate Design Sync

SS-IAP-5G  
Schedule SS-G7  
Page 2 of 16

Part 1: 2023 Base Rate Case Final Revenue Allocation

16	Requested increase in Revenue Requirements	\$	270,770	=SS-G8, pg 1, line 1 * 1000
17	Total Target Distribution Revenue Requirements	\$	1,437,072,811	=SS-G8, pg 2, line 11 * 1000
18	Sum of Initial Sync Revenue Requirements	\$	1,356,319,161	Total, col 7, line 15
19	Final Sync Adjustment Factor		1.05954	= line 17 / line 18

	Total	RSG	GSG	LVG	SLG	
20	Distribution Access	\$ 737,441,298	\$ 602,431,351	\$ 83,307,098	\$ 51,625,176	\$ 77,673 = line 10 * line 19
21	Distribution Delivery	\$ 502,845,141	\$ 303,449,389	\$ 65,802,185	\$ 133,584,794	\$ 8,773 = line 11 * line 19
22	Streetlighting Fixtures	\$ 416,979	\$ -	\$ -	\$ -	\$ 416,979 = line 12 * line 19
23	Customer Service	\$ 81,137,252	\$ 70,510,722	\$ 6,420,941	\$ 4,201,766	\$ 3,824 = line 13 * line 19
24	Measurement	\$ 115,232,141	\$ 76,926,987	\$ 28,047,453	\$ 10,257,603	\$ 97 = line 14 * line 19
25	Total	\$ 1,437,072,811	\$ 1,053,318,450	\$ 183,577,677	\$ 199,669,339	\$ 507,346

Part 2: RC Roll-In Revenue Allocation

11	Requested increase in Revenue Requirements		5,248,083	Schedule SS-IAP-2G
12	Total Target Distribution Revenue Requirements	\$	1,442,319,774	= line 11 + page 3, col 2
13	Rate Case Minus Streetlight Fixtures	\$	1,436,655,833	= line 10 - line 7
14	Target Minus Streetlight Fixtures	\$	1,441,902,795	= line 12 - line 7
15	Final Sync Adjustment Factor		1.00365	= line 14 / line 13

	Total	RSG	GSG	LVG	SLG	
16	Distribution Access	\$ 740,134,585	\$ 604,631,554	\$ 83,611,352	\$ 51,813,722	\$ 77,957 = line 5 * line 15
17	Distribution Delivery	\$ 504,681,635	\$ 304,557,649	\$ 66,042,509	\$ 134,072,673	\$ 8,805 = line 6 * line 15
18	Streetlighting Fixtures	\$ 416,979	\$ -	\$ -	\$ -	\$ 416,979 = line 7
19	Customer Service	\$ 81,433,582	\$ 70,768,242	\$ 6,444,391	\$ 4,217,111	\$ 3,838 = line 8 * line 15
20	Measurement	\$ 115,652,992	\$ 77,207,941	\$ 28,149,888	\$ 10,295,066	\$ 97 = line 9 * line 15
21	Total	\$ 1,442,319,774	\$ 1,057,165,385	\$ 184,248,140	\$ 200,398,572	\$ 507,676

**Inter Class Revenue Allocations**

Calculation of Increase Limits

SS-IAP-5G

Schedule SS-G8

Page 3 of 16

\$ 1,442,320

line #

(in \$1,000)

Notes:

Requested Revenue Increase to be				Schedule SS-IAP-2G
1	recovered from rate schedule charges =	\$	5,248	
2	Present Distribution Revenue =	\$	1,437,072	from RSG, GSG, LVG & SLG
3	Present Total Customer Bills (all on BGSS) =	\$	2,834,423	SS-G8, pg 2, col 3, line 11 SS-G8, pg 2, col 5, line 11
4	Average Distribution Increase =		0.365%	= Line 1 / Line 2
5	Average Total Bill Increase =		0.185%	= Line 1 / Line 3
6	Lower Distribution increase limit =		0.183%	= 0.5 * Line 4
7	Upper Distribution increase limit #1 =		0.548%	= 1.5 * Line 4
8	Upper Bill increase limit #2 =		0.370%	= 2.0 * Line 5

all rounded to 0.001%

**Inter Class Revenue Allocations**  
Calculation of Increases

SS-IAP-5G  
Schedule SS-G8  
Page 4 of 16

line #	(1) Rate Schedule	(2) Proposed Distribution Revenue Requirement (from COS) (in \$1,000)	(3) Present Distribution Revenue (in \$1,000)	(4) Unlimited COS Distribution Charge \$ Increase (in \$1,000)	(5) Present Total Bill Revenue (all on BGSS) (in \$1,000)	(6) Unlimited Distribution Charge Increase (%)	(7) Change in MAC & BGSS credits (in \$1,000)	(8) Limited Final Distribution Charge Increase (%)	(9) Proposed Total Bill Increase (%)	(10) Proposed Distribution Revenue Increase (in \$1,000)
<u>Calculation of TSG-F Increase</u>										
1	TSG-F	\$ 8,273.894	\$ 5,812	\$ 2,461.932	\$ 18,846	42.360%	\$ (0.532)	0.548%	0.166%	\$ 32
<u>Calculation of TSG-NF &amp; CIG Increase</u>										
2	TSG-NF	----	\$ 16,617	----	\$ 81,370	----	\$ -	0.365%	0.075%	\$ 61
3	CIG	----	\$ 3,123	----	\$ 12,865	----	\$ -	0.365%	0.089%	\$ 11
4	CSG <sup>1</sup>	----	\$ 7,855	----	\$ 9,350	----		----	0.000%	\$ -
<u>Calculation of Margin Rates (RSG, GSG, LVG &amp; SLG) Increase</u>										
5	RSG	\$ 1,057,165	\$ 1,058,447	\$ (1,282)	\$ 1,822,730	-0.121%	\$ (69.00)	0.430%	0.246%	\$ 4,556
6	GSG	\$ 184,248	\$ 177,671	\$ 6,577	\$ 355,790	3.702%	\$ (10.00)	0.183%	0.089%	\$ 325
7	LVG	\$ 200,399	\$ 200,431	\$ (33)	\$ 654,716	-0.016%	\$ (26.0)	0.183%	0.052%	\$ 367
8	SLG	\$ 507.676	\$ 522.402	\$ 14.726	\$ 1,186.835					
9	Distribution Only*	\$ 90.697	\$ 50.097	\$ 40.600		81.042%	\$ (0.0270)	0.183%	0.005%	\$ 0.092
10	Fixtures*	\$ 416.979	\$ 472.305	\$ (55.326)		-11.714%		0.000%	0.000%	\$ -
11	Total for Margin Rates	\$ 1,442,320	\$ 1,437,072	\$ 5,248	\$ 2,834,423	0.365%	\$ (105)	0.365%	0.181%	\$ 5,248

<sup>1</sup> CSG Credits all flow back through BGSS

\* SLG rows shaded grey (including Distribution & Fixtures) are shown to 3 decimal points

Notes: for TSG-F - from 2023 Rate Case Schedule SS-G7 , pg 1, col 6, line 6 = (2) - (3) Page 6 = (4) / (3) calculated on limits = (Col 10 + Col 7) / Col 5 = (3) \* (8)

for RSG, GSG, LVG & SLG from page 1, line 21

# Service Charge Calculations

SS-IAP-5G  
Schedule SS-G9  
Page 5 of 16

line #	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	Notes:
1		Average Distribution Increase =			0.365%					
	Rate Schedule	Distribution Access Rev Req  (in \$1,000)	Customer Service Rev Req  (in \$1,000)	Measurement Rev Req  (in \$1,000)	COS Indicated Total Rev Req  (in \$1,000)	# of Customers	Cost Based Monthly Service Charge  (\$/month)	Current Monthly Service Charge  (\$/month)	Proposed Limited Monthly Service Charge  (\$/month)	
2	RSG	604,632	70,768	77,208	752,608	1,715,907	\$ 36.55	\$ 9.38	\$ 9.38	Fixed per 2024 Base Rate Case
3	GSG	83,611	6,444	28,150	118,206	140,104	\$ 70.31	\$ 25.58	\$ 25.72	move to costs, limited @ 1.5 times overall avg Distribution % increase
4	LVG	51,814	4,217	10,295	66,326	19,635	\$ 281.50	\$ 227.18	\$ 228.42	move to costs, limited @ 1.5 times overall avg Distribution % increase
5	TSG-F	443	137	192	771	64	\$ 1,004.54	\$ 1,003.89	\$ 1,004.54	move to costs, limited @ 1.5 times overall avg Distribution % increase
6	TSG-NF							\$ 1,003.89	\$ 1,004.54	set equal to new TSG-F Service Charge
7	CIG							\$ 245.34	\$ 246.23	increase current @ average Distribution % increase
8	CSG							\$ 1,003.89	\$ 1,004.54	set equal to new TSG-F Service Charge
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
Notes:	values for RSG, GSG & LVG for Cols 2, 3, & 4 from page 2, lines 16, 19 & 20				= (2) + (3) + (4)	RSG, GSG & LVG from 2023 Rate Case Schedule SS-G7 , page 2, line 1	= Col 5 * 1000 / Col 6 / 12 rounded to \$0.01	From Tariff	based on methodology described	
	values for TSG-F for Cols 2, 3 & 4 from 2023 Rate Case Schedule SS-G7 , page 1, lines 1, 4 & 5					TSG-F from COS workpapers				

**GAS PROOF OF REVENUE  
SUMMARY  
GAS RATE INCREASE  
Infrastructure Advancement Program (IAP 2024)  
(Therms & Revenue - Thousands, Rate - \$/Therm)**

<u>Rate Schedule</u>		<u>Annualized</u> <u>Weather Normalized</u>		<u>Proposed</u>		<u>Difference</u>	
		<u>Therms</u> (1)	<u>Revenue</u> (2)	<u>Therms</u> (3)	<u>Revenue</u> (4)	<u>Revenue</u> (5)	<u>Percent</u> (6)
1	RSG	1,595,838	\$1,822,730	1,595,838	\$1,827,253	\$4,523	0.25
2	GSG	304,449	355,790	304,449	356,111	321	0.09
3	LVG	778,601	654,716	778,601	655,075	359	0.05
6	SLG	692	1,186.835	692	1,186.917	0.082	0.01
7	Subtotal	2,679,579	2,834,423	2,679,579	2,839,626	5,203	0.18
8							
9	TSG-F	23,020	18,845.637	23,020	18,877.487	31.850	0.17
10	TSG-NF	123,325	81,370	123,325	81,432	62	0.08
11	CIG	29,020	12,865	29,020	12,876	11	0.09
12	CSG	714,082	9,350	714,082	9,350	0	0.00
13	Subtotal	889,447	122,431	889,447	122,536	105	0.09
14							
15	Totals	3,569,026	2,956,854	3,569,026	2,962,162	\$5,308	0.18
16							
17							
18						\$60	\$5,248
19							
20						\$5,248	
21							
22							
23							
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36							
37							
38							
39	Notes:						
40	All customers assumed to be on BGSS.						
41	SLG units and revenues shown to 3 decimals.						
42	TSG-F revenues shown to 3 decimals.						
43	Annualized Weather Normalized Revenue reflects Delivery rates as of 10/15/2024						
44	plus applicable BGSS charges.						

Less change in MAC included above

Gas Revenue Requirement

Increase Before  
Mac Adjustment

Increase  
Above

MAC  
Adjustment

RSG	\$4,486	\$4,523	37
GSG	314	321	7
LVG	341	359	18
SLG	0.066	0.082	0.016
Subtotal	5,141	5,203	62
TSG-F	31.318	31.850	0.532
TSG-NF	62	62	0
CIG	11	11	0
CSG	0	0	0
Subtotal	104	105	1
Totals	\$5,245	\$5,308	63

**RATE SCHEDULE RSG**  
**RESIDENTIAL SERVICE**  
**Infrastructure Advancement Program (IAP 2024)**  
(Therms & Revenue - Thousands, Rate - \$/Therm)

	Annualized Weather Normalized			Proposed			Difference	
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
<b>Delivery</b>								
1 Service Charge	20,590.883	9.38	\$193,142	20,590.883	9.38	\$193,142	0	0.00
2 Distribution Charge	1,595,784	0.543642	867,535	1,595,784	0.546503	872,101	4,566	0.53
3 Off-Peak Dist	54	0.271821	15	54	0.273252	15	0	0.00
4 Balancing Charge	1,200,062	0.094946	113,941	1,200,062	0.094946	113,941	0	0.00
5 SBC	1,595,838	0.065627	104,730	1,595,838	0.065627	104,730	0	0.00
6 Margin Adjustment	1,595,838	(0.005916)	(9,441)	1,595,838	(0.005916)	(9,441)	0	0.00
7 Weather Normalization	1,200,062	0.000000	0	1,200,062	0.000000	0	0	0.00
8 Green Programs Recovery Charge	1,595,838	0.014602	23,302	1,595,838	0.014602	23,302	0	0.00
9 Tax Adjustment Credit	1,595,838	(0.095572)	(152,517)	1,595,838	(0.095572)	(152,517)	0	0.00
10 Gas Conservation Incentive Program	1,595,838	0.060281	96,199	1,595,838	0.060281	96,199	0	0.00
11 Facilities Charges			0			0	0	0.00
12 Minimum			0			0	0	0.00
13 Miscellaneous			1			1	0	7.00
14 Delivery Subtotal	1,595,838		\$1,236,907	1,595,838		\$1,241,473	\$4,566	0.37
15 Unbilled Delivery			(2,618)			(2,629)	(11)	0.42
16 Delivery Subtotal w unbilled			\$1,234,289			\$1,238,844	\$4,555	0.37
17								
<b>Supply</b>								
19 BGSS-RSG	1,595,838	0.370702	\$591,580	1,595,838	0.370702	\$591,580	\$0	0.00
20 Emergency Sales Service	0	0.000000	0	0	0.000000	0	0	0.00
21 BGSS Contrib. from TSG-F, TSG-NF & CIG	0	0.000000	0	1,595,838	(0.000020)	(32)	(32)	0.00
22 Off-Peak Comm. Charge	53	0.261224	14	53	0.261224	14	0	0.00
23								
24 Miscellaneous			0			0	0.00	0.00
25 Supply subtotal	1,595,891		\$591,594	1,595,891		\$591,562	(32.00)	(0.01)
26 Unbilled Supply			(3,153)			(3,153)	0.00	0.00
27 Supply Subtotal w unbilled			\$588,441			\$588,409	(32.00)	(0.01)
28								
29 Total Delivery + Supply	1,595,838		\$1,822,730	1,595,838		\$1,827,253	4,523.00	0.25
30								
31								
32								
33 Notes:								
34 All customers assumed to be on BGSS.								
35 Annualized Weather Normalized Revenue reflects Delivery rates as of 10/15/2024								
36 plus applicable BGSS charges.								
37								

**RATE SCHEDULE GSG  
GENERAL SERVICE  
Infrastructure Advancement Program (IAP 2024)**  
(Therms & Revenue - Thousands, Rate - \$/Therm)

	Annualized Weather Normalized			Proposed			Difference	
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
<b><u>Delivery</u></b>								
1 Service Charge	1,681.249	25.58	\$43,000	1,681.249	25.72	\$43,235	\$235	0.55
2 Distribution Charge - Pre 7/14/97	1,925	0.442482	852	1,925	0.442781	852	0	0.00
3 Distribution Charge - All Others	302,507	0.442482	133,854	302,507	0.442781	133,945	91	0.07
4 Off-Peak Dist Charge - Pre 7/14/97	0	0.221241	0	0	0.221391	0	0	0.00
5 Off-Peak Dist Charge - All Others	17	0.221241	4	17	0.221391	4	0	0.00
6 Balancing Charge	217,303	0.094946	20,632	217,303	0.094946	20,632	0	0.00
7 SBC	304,449	0.065627	19,980	304,449	0.065627	19,980	0	0.00
8 Margin Adjustment	304,449	(0.005916)	(1,801)	304,449	(0.005916)	(1,801)	0	0.00
9 Weather Normalization	217,303	0.000000	0	217,303	0.000000	0	0	0.00
10 Green Programs Recovery Charge	304,449	0.014602	4,446	304,449	0.014602	4,446	0	0.00
11 Tax Adjustment Credit	304,449	(0.081284)	(24,747)	304,449	(0.081284)	(24,747)	0	0.00
12 Gas Conservation Incentive Program	304,449	0.039086	11,900	304,449	0.039086	11,900	0	0.00
13 Facilities Charges			0			0	0	0.00
14 Minimum			3			3	0	0.00
15 Miscellaneous			(90)			(91)	(1)	1.11
16 Delivery Subtotal	304,449		\$208,033	304,449		\$208,358	\$325	0.16
17 Unbilled Delivery			56			55	(1)	(1.79)
18 Delivery Subtotal w unbilled			\$208,089			\$208,413	\$324	0.16
19								
<b><u>Supply</u></b>								
21 BGSS	304,449	0.485425	\$147,787	304,449	0.485425	\$147,787	\$0	0.00
22 Emergency Sales Service	0	0.000000	0	0	0.000000	0	0	0.00
23 BGSS Contrib. from TSG-F, TSG-NF & CIG	0	0.000000	0	304,449	(0.000010)	(3)	(3)	0.00
24								
25 Miscellaneous			0			0	0	0.00
26 Supply subtotal	304,449		\$147,787	304,449		\$147,784	(3)	0.00
27 Unbilled Supply			(86)			(86)	0	0.00
28 Supply Subtotal w unbilled			\$147,701			\$147,698	(3)	0.00
29								
30 Total Delivery + Supply	304,449		\$355,790	304,449		\$356,111	\$321	0.09

31  
32  
33  
34 Notes:

35 All customers assumed to be on BGSS.

36 Annualized Weather Normalized Revenue reflects Delivery rates as of 10/15/2024

37 plus applicable BGSS charges.

38

**RATE SCHEDULE LVG  
LARGE VOLUME SERVICE  
Infrastructure Advancement Program (IAP 2024)**  
(Therms & Revenue - Thousands, Rate - \$/Therm)

	Annualized Weather Normalized			Proposed			Difference	
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
<b><u>Delivery</u></b>								
1 Service Charge	235.623	227.18	\$53,528	235.623	228.42	\$53,822	\$294	0.55
2 Demand Charge	21,934	4.6287	101,524	21,934	4.6287	101,524	0	0.00
3 Distribution Charge 0-1,000 pre 7/14/97	7,488	0.118587	888	7,488	0.117099	877	(11)	(1.24)
4 Distribution Charge over 1,000 pre 7/14/97	36,579	0.044239	1,618	36,579	0.044734	1,636	18	1.11
5 Distribution Charge 0-1,000 post 7/14/97	149,296	0.118587	17,705	149,296	0.117099	17,482	(223)	(1.26)
6 Distribution Charge over 1,000 post 7/14/97	585,238	0.044239	25,890	585,238	0.044734	26,180	290	1.12
7 Balancing Charge	473,445	0.094946	44,952	473,445	0.094946	44,952	0	0.00
8 SBC	778,601	0.065627	51,097	778,601	0.065627	51,097	0	0.00
9 Margin Adjustment	778,601	(0.005916)	(4,606)	778,601	(0.005916)	(4,606)	0	0.00
10 Weather Normalization	473,445	0.000000	0	473,445	0.000000	0	0	0.00
11 Green Programs Recovery Charge	778,601	0.014602	11,369	778,601	0.014602	11,369	0	0.00
12 Tax Adjustment Credit	778,601	(0.038165)	(29,715)	778,601	(0.038165)	(29,715)	0	0.00
13 Gas Conservation Incentive Program	778,601	0.005382	\$4,190	778,601	0.005382	\$4,190	0	0.00
14 Facilities Charges			0			0	0	0.00
15 Minimum			255			255	0	0.00
16 Miscellaneous			(424)			(425)	(0)	0.08
17 Delivery Subtotal	778,601		\$278,270	778,601		\$278,638	\$368	0.13
18 Unbilled Delivery			(764)			(765)	(1)	0.13
19 Delivery Subtotal w unbilled			\$277,506			\$277,873	\$367	0.13
20								
21								
<b><u>Supply</u></b>								
23 BGSS	778,601	0.484322	\$377,093	778,601	0.484322	\$377,093	\$0	0.00
24 Emergency Sales Service	0	0.000000	0	0	0.000000	0	0	0.00
25 BGSS Contrib. from TSG-F, TSG-NF & CIG	0	0.000000	0	778,601	(0.000010)	(8)	(8)	0.00
26			0			0	0	0.00
27 Miscellaneous			0			0	0	0.00
28 Supply Subtotal	778,601		\$377,093	778,601		\$377,085	(\$8)	0.00
29 Unbilled Supply			117			117	0	0.00
30 Supply Subtotal w unbilled			\$377,210			\$377,202	(\$8)	0.00
31								
32 Total Delivery + Supply	778,601		<u>\$654,716</u>	778,601		<u>\$655,075</u>	<u>\$359</u>	0.05
33								
34								
35								
36 Notes:								
37 All customers assumed to be on BGSS.								
38 Annualized Weather Normalized Revenue reflects Delivery rates as of 10/15/2024								
39 plus applicable BGSS charges.								
40								

**RATE SCHEDULE SLG**  
**STREET LIGHTING SERVICE**  
**Infrastructure Advancement Program (IAP 2024)**  
(Therms & Revenue - Thousands, Rate - \$/Therm)

	Annualized Weather Normalized			Proposed			Difference	
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
<b><u>Delivery</u></b>								
1 Single	11.022	14.7714	\$162.811	11.022	14.7714	\$162.811	\$0.000	0.00
2 Double Inverted	0.108	14.7714	1.591	0.108	14.7714	1.591	0.000	0.00
3 Double Upright	0.609	14.7714	9.003	0.609	14.7714	9.003	0.000	0.00
4 Triple prior to 1/1/93	18.039	14.7714	266.455	18.039	14.7714	266.455	0.000	0.00
5 Triple on and after 1/1/93	0.431	75.3088	32.445	0.431	75.3088	32.445	0.000	0.00
6 Distribution Therm Charge	692.040	0.072173	49.947	692.040	0.072305	50.038	0.091	0.18
7 SBC	692.040	0.065627	45.417	692.040	0.065627	45.417	0.000	0.00
8 Margin Adjustment	692.040	(0.005916)	(4.094)	692.040	(0.005916)	(4.094)	0.000	0.00
9 Green Programs Recovery Charge	692.040	0.014602	10.105	692.040	0.014602	10.105	0.000	0.00
10 Tax Adjustment Credit	692.040	(0.143300)	(99.169)	692.040	(0.143300)	(99.169)	0.000	0.00
11 Gas Conservation Incentive Program	692.040	0.000000	0.000	692.040	0.000000	0.000	0.000	0.00
12 Facilities Charges			0.000			0.000	0.000	0.00
13 Minimum			0.000			0.000	0.000	0.00
14 Miscellaneous			0.150			0.151	0.001	0.66
15 Delivery Subtotal	692.040		\$474.661	692.040		\$474.753	\$0.092	0.02
16 Unbilled Delivery			0.000			0.000	0.000	0.00
17 Delivery Subtotal w unbilled			\$474.661			\$474.753	\$0.092	0.02
18								
<b><u>Supply</u></b>								
20 BGSS	692.040	0.482036	\$333.588	692.040	0.482036	\$333.588	\$0.000	0.00
21 Emergency Sales Service	0.000	0.000000	0.000	0.000	0.000000	0.000	0.000	0.00
22 BGSS Contrib. from TSG-F, TSG-NF & CIG	0.000	0.000000	0.000	692.040	(0.000010)	(0.007)	(0.007)	0.00
23 Miscellaneous			141.195			141.195	0.000	0.00
24 Supply Subtotal	692.040		\$474.783	692.040		\$474.776	(\$0.007)	0.00
25 Unbilled Supply			237.391			237.388	(0.003)	0.00
26 Supply Subtotal w unbilled			\$712.174			\$712.164	(\$0.010)	0.00
27								
28 Total Delivery + Supply	692.040		\$1,186.835	692.040		\$1,186.917	\$0.082	0.01
29								
30								
31								

32 Notes:

33 All customers assumed to be on BGSS.

34 SLG units and revenues shown to 3 decimals.

35 Annualized Weather Normalized Revenue reflects Delivery rates as of 10/15/2024

36 plus applicable BGSS charges.

**RATE SCHEDULE TSG-F**  
**FIRM TRANSPORTATION GAS SERVICE**  
**Infrastructure Advancement Program (IAP 2024)**  
(Therms & Revenue - Thousands, Rate - \$/Therm)

	Annualized Weather Normalized			Proposed			Difference	
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
<b><u>Delivery</u></b>								
1 Service Charge	0.361	1,003.89	\$362.017	0.361	1,004.54	\$362.251	\$0.234	0.06
2 Demand Charge	933	2.9936	2,793.482	933	3.0110	2,809.719	16.237	0.58
3 Demand Charge, Agreements	0	0.0000	0.000	0	0.0000	0.000	0.000	0.00
4 Distribution Charge	23,020	0.114430	2,634.128	23,020	0.115093	2,649.390	15.262	0.58
5 Distribution Charge, Agreements	0	0.000000	0.000	0	0.000000	0.000	0.000	0.00
6 SBC	23,020	0.065627	1,510.705	23,020	0.065627	1,510.705	0.000	0.00
7 SBC, Agreements	0	0.000000	0.000	0	0.000000	0.000	0.000	0.00
8 Margin Adjustment	23,020	(0.005916)	(136.184)	23,020	(0.005916)	(136.184)	0.000	0.00
9 Margin Adjustment, Agreements	0	(0.005916)	0.000	0	(0.005916)	0.000	0.000	0.00
10 Green Programs Recovery Charge	23,020	0.014602	336.132	23,020	0.014602	336.132	0.000	0.00
11 Green Programs Recovery Charge, Agreements	0	0.000000	0.000	0	0.000000	0.000	0.000	0.00
12 Tax Adjustment Credit	23,020	0.000000	0.000	23,020	0.000000	0.000	0.000	0.00
13 Gas Conservation Incentive Program	23,020	0.000000	0.000	23,020	0.000000	0.000	0.000	0.00
14 Facilities Charges			0.000			0.000	0.000	0.00
15 Minimum			0.000			0.000	0.000	0.00
16 Miscellaneous			(4.098)			(4.126)	(0.028)	0.68
17 Delivery Subtotal	23,020		7,496.182	23,020		7,527.887	31.705	0.42
18 Unbilled Delivery			34.252			34.397	0.145	0.42
19 Delivery Subtotal w unbilled			7,530.434			7,562.284	31.850	0.42
20								
<b><u>Supply</u></b>								
22 Commodity Charge, BGSS-F	23,020	0.481981	\$11,095.000	23,020	0.481981	\$11,095.000	\$0.000	0.00
23 Emergency Sales Service	431	0.545501	235.000	431	0.545501	235.000	0.000	0.00
24 Miscellaneous			(14.797)			(14.797)	0.000	0.00
25 Supply Subtotal	23,450		\$11,315.203	23,450		\$11,315.203	\$0.000	0.00
26 Unbilled Supply			0.000			0.000	0.000	0.00
27 Supply Subtotal w unbilled			\$11,315.203			\$11,315.203	\$0.000	0.00
28								
29 Total Delivery + Supply	23,020		<u>\$18,845.637</u>	23,020		<u>\$18,877.487</u>	<u>\$31.850</u>	0.17
30								
31								
32								

33 Notes:

34 All customers assumed to be on BGSS.

35 TSG-F revenues shown to 3 decimals.

36 Annualized Weather Normalized Revenue reflects Delivery rates as of 10/15/2024

37 plus applicable BGSS charges.

**RATE SCHEDULE TSG-NF**  
**NON-FIRM TRANSPORTATION GAS SERVICE**  
**Infrastructure Advancement Program (IAP 2024)**  
 (Therms & Revenue - Thousands, Rate - \$/Therm)

	Annualized Weather Normalized			Proposed			Difference	
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
<b><u>Delivery</u></b>								
1 Service Charge	1,584	1,003.89	\$1,590	1,584	1,004.54	\$1,591	\$1	0.06
2 Dist Charge 0-50,000	48,434	0.122765	5,946	48,434	0.123249	5,969	23	0.39
3 Dist Charge 0-50,000, Agreements	0	0.000000	0	0	0.000000	0	0	0.00
4 Dist Charge over 50,000	74,891	0.122765	9,194	74,891	0.123249	9,230	36	0.39
5 Dist Charge over 50,000, Agreements	0	0.000000	0	0	0.000000	0	0	0.00
6 SBC	123,325	0.065627	8,093	123,325	0.065627	8,093	0	0.00
7 SBC, Agreements	0	0.000000	0	0	0.000000	0	0	0.00
8 Green Programs Recovery Charge	123,325	0.014602	1,801	123,325	0.014602	1,801	0	0.00
9 Green Programs Recovery Charge, Agreements	0	0.000000	0	0	0.000000	0	0	0.00
10 Tax Adjustment Credit	123,325	0.000000	0	123,325	0.000000	0	0	0.00
11 Gas Conservation Incentive Program	123,325	0.000000	0	123,325	0.000000	0	0	0.00
12 Facilities Charges			4			4	0	0.00
13 Minimum			0			0	0	0.00
14 Miscellaneous			(117)			(117)	(0)	0.30
15 Delivery Subtotal	123,325		\$26,511	123,325		\$26,571	\$60	0.22
16 Unbilled Delivery			0			2	2	0.00
17 Delivery Subtotal w unbilled			\$26,511			\$26,573	\$62	0.23
18								
<b><u>Supply</u></b>								
20 Commodity Charge, BGSS-I	123,325	0.444832	\$54,859	123,325	0.444832	\$54,859	\$0	0.00
21 Emergency Sales Service	0	0.000000	0	0	0.000000	0	0	0.00
22 Pilot Use	0	1.890000	0	0	1.890000	0	0	0.00
23 Penalty Use	0	0.000000	0	0	0.000000	0	0	0.00
24 Miscellaneous			0			0	0	0.00
25 Supply Subtotal	123,325		\$54,859	123,325		\$54,859	\$0	0.00
26 Unbilled Supply			0			0	0	0.00
27 Supply Subtotal w unbilled			\$54,859			\$54,859	\$0	0.00
28								
29 Total Delivery + Supply	123,325		<u>\$81,370</u>	123,325		<u>\$81,432</u>	<u>\$62</u>	0.08
30								
31								
32								
33 Notes:								
34 All customers assumed to be on BGSS.								
35 Annualized Weather Normalized Revenue reflects Delivery rates as of 10/15/2024								
36 plus applicable BGSS charges.								

**RATE SCHEDULE CIG**  
**COGENERATION INTERRUPTIBLE SERVICE**  
**Infrastructure Advancement Program (IAP 2024)**  
(Therms & Revenue - Thousands, Rate - \$/Therm)

	Annualized Weather Normalized			Proposed			Difference	
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
<b>Delivery</b>								
1 Service Charge	0.108	245.34	\$27	0.108	246.23	\$27	\$0	0.00
2 Margin 0-600,000	27,336	0.109479	2,993	27,336	0.109897	3,004	11	0.37
3 Margin over 600,000	1,685	0.099479	168	1,685	0.099897	168	0	0.00
4 Extended Gas Service	0	0.150000	0	0	0.150000	0	0	0.00
5 SBC	29,020	0.065627	1,905	29,020	0.065627	1,905	0	0.00
6 Green Programs Recovery Charge	29,020	0.014602	424	29,020	0.014602	424	0	0.00
7 Tax Adjustment Credit	29,020	0.000000	0	29,020	0.000000	0	0	0.00
8 Gas Conservation Incentive Program	29,020	0.000000	0	29,020	0.000000	0	0	0.00
9 Facilities Charges			0			0	0	0.00
10 Minimum			0			0	0	0.00
11 Miscellaneous			0			0	0	0.00
12 Delivery Subtotal	29,020		\$5,517	29,020		\$5,528	\$11	0.21
13 Unbilled Delivery			(113)			(113)	0	0.00
14 Delivery Subtotal w unbilled			\$5,404			\$5,415	\$11	0.21
15								
<b>Supply</b>								
17 Commodity Component	29,020	0.257095	\$7,461	29,020	0.257095	\$7,461	\$0	0.00
18 Pilot Use	0	1.89	0	0	1.89	0	0	0.00
19 Penalty Use	0		0	0		0	0	0.00
20 Extended Gas Service	0		0	0		0	0	0.00
21 Miscellaneous			0			0	0	0.00
22 Supply Subtotal	29,020		\$7,461	29,020		\$7,461	\$0	0.00
23 Unbilled Supply			0			0	0	0.00
24 Supply Subtotal w unbilled			\$7,461			\$7,461	\$0	0.00
25								
26 Total Delivery + Supply	29,020		\$12,865	29,020		\$12,876	\$11	0.09
27								
28								
29								
30 Notes:								
31 All customers assumed to be on BGSS.								
32 Annualized Weather Normalized Revenue reflects Delivery rates as of 10/15/2024								
33 plus applicable BGSS charges.								
34								

**RATE SCHEDULE CSG**  
**CONTRACT SERVICES**  
**Infrastructure Advancement Program (IAP 2024)**  
(Therms & Revenue - Thousands, Rate - \$/Therm)

	Annualized Weather Normalized			Proposed			Difference	
	Units (1)	Rate (2)	Revenue (3=1*2)	Units (4)	Rate (5)	Revenue (6=4*5)	Revenue (7=6-3)	Percent (8=7/3)
<b>Delivery</b>								
1 Service Charge - Power	0.0000	1,003.89	\$0	0.0000	1,004.54	\$0	\$0	0.00
2 Service Charge - Power- Non Firm	0.0000	1,003.89	0	0.0000	1,004.54	0	0	0.00
3 Service Charge - Other	0.2299	1,003.89	231	0.2299	1,004.54	231	0	0.00
4 Distribution Charge Change (previously Power)	0	0.000000	0	0	1.000000	0	0	0.00
5 Distribution Charge - Power- Non Firm	0	0.122765	0	0	0.123249	0	0	0.00
6 Distribution Charge - Other	714,082	0.008480	6,055	714,082	0.008480	6,055	0	0.00
7 Maintenance - Power	0	0.000000	0	0	0.000000	0	0	0.00
8 Maintenance - Power- Non Firm	0	0.000000	0	0	0.000000	0	0	0.00
9 Maintenance - Other	714,082	0.000152	109	714,082	0.000152	109	0	0.00
10 Pilot Use	0	0.000000	0	0	0.000000	0	0	0.00
11 Penalty Use	0	0.000000	0	0	0.000000	0	0	0.00
12 Balancing Charge (applicable only if customer uses BGSS-F)	0	0.000000	0	0	0.000000	0	0	0.00
13 SBC	714,082	0.065627	1,213	714,082	0.065627	1,213	0	0.00
14 Green Programs Recovery Charge	714,082	0.014602	277	714,082	0.014602	277	0	0.00
15 Tax Adjustment Credit	714,082	0.000000	0	714,082	0.000000	0	0	0.00
16 Gas Conservation Incentive Program	714,082	0.000000	0	714,082	0.000000	0	0	0.00
17 Facilities Chg.			985			985	0	0.00
18 Minimum			629			629	0	0.00
19 Sales Tax Discount - Delivery			(179)			(179)	0	0.00
20 Misc.			(0)			(0)	0	0.00
21 Delivery Subtotal	714,082		9,319	714,082		9,319	0	0.00
22 Unbilled Delivery			31			31	0	0.00
23 Delivery Subtotal w/ Unbilled	714,082		9,350	714,082		9,350	0	0.00
<b>Supply</b>								
26 BGSS-Firm - Power	0	0.000000	0	0	0.000000	0	0	0.00
27 BGSS-Firm - Power- Non Firm	0	0.000000	0	0	0.000000	0	0	0.00
28 BGSS-Firm - Other	0	0.000000	0	0	0.000000	0	0	0.00
29 BGSS-Interruptible - Power	0	0.000000	0	0	0.000000	0	0	0.00
31 BGSS-Interruptible - Power- Non Firm	0	0.000000	0	0	0.000000	0	0	0.00
32 BGSS-Interruptible - Other	0	0.000000	0	0	0.000000	0	0	0.00
33 Emergency Sales Svc. - Power	0	0.000000	0	0	0.000000	0	0	0.00
35 Emergency Sales Svc. - Power- Non Firm	0	0.000000	0	0	0.000000	0	0	0.00
36 Emergency Sales Svc - Other	0	0.000000	0	0	0.000000	0	0	0.00
37 Pilot Use	0	1.89	0	0	1.89	0	0	0.00
39 Penalty Use	0	0.000000	0	0	0.000000	0	0	0.00
40 Misc.	0		0	0		0	0	0.00
41 Supply Subtotal	0		0	0		0.000	0	0.00
42 Unbilled Supply	0		0	0		0	0	0.00
43 Supply Subtotal w/ Unbilled	0		0	0		0.000	0	0.00
44								
45 <b>Total Delivery &amp; Supply</b>	714,082		9,350	714,082		9,350	0.00	0.00
46								

47 Notes:

48 All customers assumed to be on BGSS.

49 Annualized Weather Normalized Revenue reflects Delivery rates as of 10/15/2024

50 plus applicable BGSS charges.

51

Rate Schedule	Description	Current Total Distribution Charges		Proposed Total Distribution Charges		Base Distribution Charges		IAP Rate Adjustment - IIP Charges		Total IAP - IIP Charges	
		Charge without SUT	Charge Including SUT	Charge without SUT	Charge Including SUT	Charge without SUT	Charge Including SUT	Charge without SUT	Charge Including SUT	Charge without SUT	Charge Including SUT
RSG	Service Charge	\$9.38	\$10.00	\$9.38	\$10.00	\$9.38	\$10.00	\$0.00	\$0.00	\$0.00	\$0.00
	Distribution Charges	\$0.543642	\$0.579658	\$0.546503	\$0.582709	\$0.543642	\$0.579658	\$0.002861	\$0.003051	\$0.002861	\$0.003051
	Balancing Charge	\$0.094946	\$0.101236	\$0.094946	\$0.101236	\$0.094946	\$0.101236	\$0.000000	\$0.000000	\$0.000000	\$0.000000
	Off-Peak Use	\$0.271821	\$0.289829	\$0.273252	\$0.291355	\$0.271821	\$0.289829	\$0.001431	\$0.001526	\$0.001431	\$0.001526
GSG	Service Charge	\$25.58	\$27.27	\$25.72	\$27.42	\$25.58	\$27.27	\$0.14	\$0.15	\$0.14	\$0.15
	Distribution Charge - Pre July 14, 1997	\$0.442482	\$0.471796	\$0.442781	\$0.472115	\$0.442482	\$0.471796	\$0.000299	\$0.000319	\$0.000299	\$0.000319
	Distribution Charge - All Others	\$0.442482	\$0.471796	\$0.442781	\$0.472115	\$0.442482	\$0.471796	\$0.000299	\$0.000319	\$0.000299	\$0.000319
	Balancing Charge	\$0.094946	\$0.101236	\$0.094946	\$0.101236	\$0.094946	\$0.101236	\$0.000000	\$0.000000	\$0.000000	\$0.000000
	Off-Peak Use Dist Charge - Pre July 14, 1997	\$0.221241	\$0.235898	\$0.221391	\$0.236058	\$0.221241	\$0.235898	\$0.000150	\$0.000160	\$0.000150	\$0.000160
	Off-Peak Use Dist Charge - All Others	\$0.221241	\$0.235898	\$0.221391	\$0.236058	\$0.221241	\$0.235898	\$0.000150	\$0.000160	\$0.000150	\$0.000160
LVG	Service Charge	\$227.18	\$242.23	\$228.42	\$243.56	\$227.18	\$242.23	\$1.24	\$1.33	\$1.24	\$1.33
	Demand Charge	\$4.6287	\$4.9354	\$4.6287	\$4.9354	\$4.6287	\$4.9354	\$0.0000	\$0.0000	\$0.0000	\$0.0000
	Distribution Charge 0-1,000 pre July 14, 1997	\$0.118587	\$0.126443	\$0.117099	\$0.124857	\$0.118587	\$0.126443	-\$0.001488	-\$0.001587	-\$0.001488	-\$0.001587
	Distribution Charge over 1,000 pre July 14, 1997	\$0.044239	\$0.047170	\$0.044734	\$0.047698	\$0.044239	\$0.047170	\$0.000495	\$0.000528	\$0.000495	\$0.000528
	Distribution Charge 0-1,000 post July 14, 1997	\$0.118587	\$0.126443	\$0.117099	\$0.124857	\$0.118587	\$0.126443	-\$0.001488	-\$0.001587	-\$0.001488	-\$0.001587
	Distribution Charge over 1,000 post July 14, 1997	\$0.044239	\$0.047170	\$0.044734	\$0.047698	\$0.044239	\$0.047170	\$0.000495	\$0.000528	\$0.000495	\$0.000528
	Balancing Charge	\$0.094946	\$0.101236	\$0.094946	\$0.101236	\$0.094946	\$0.101236	\$0.000000	\$0.000000	\$0.000000	\$0.000000
SLG	Single-Mantle Lamp	\$14.7714	\$15.7500	\$14.7714	\$15.7500	\$14.7714	\$15.7500	\$0.0000	\$0.0000	\$0.0000	\$0.0000
	Double-Mantle Lamp, inverted	\$14.7714	\$15.7500	\$14.7714	\$15.7500	\$14.7714	\$15.7500	\$0.0000	\$0.0000	\$0.0000	\$0.0000
	Double Mantle Lamp, upright	\$14.7714	\$15.7500	\$14.7714	\$15.7500	\$14.7714	\$15.7500	\$0.0000	\$0.0000	\$0.0000	\$0.0000
	Triple-Mantle Lamp, prior to January 1, 1993	\$14.7714	\$15.7500	\$14.7714	\$15.7500	\$14.7714	\$15.7500	\$0.0000	\$0.0000	\$0.0000	\$0.0000
	Triple-Mantle Lamp, on and after January 1, 1993	\$75.3088	\$80.2980	\$75.3088	\$80.2980	\$75.3088	\$80.2980	\$0.0000	\$0.0000	\$0.0000	\$0.0000
	Distribution Therm Charge	\$0.072173	\$0.076954	\$0.072305	\$0.077095	\$0.072173	\$0.076954	\$0.000132	\$0.000141	\$0.000132	\$0.000141

Rate Schedule	Description	Current Total Distribution Charges		Proposed Total Distribution Charges		Base Distribution Charges		IAP - IIP Charges		Total IAP - IIP Charges	
		Charge without SUT	Charge Including SUT	Charge without SUT	Charge Including SUT	Charge without SUT	Charge Including SUT	Charge without SUT	Charge Including SUT	Charge without SUT	Charge Including SUT
TSG-F	Service Charge	\$1,003.89	\$1,070.40	\$1,004.54	\$1,071.09	\$1,003.89	\$1,070.40	\$0.65	\$0.69	\$0.65	\$0.69
	Demand Charge	\$2.9936	\$3.1919	\$3.0110	\$3.2105	\$2.9936	\$3.1919	\$0.0174	\$0.0186	\$0.0174	\$0.0186
	Distribution Charges	\$0.114430	\$0.122011	\$0.115093	\$0.122718	\$0.114430	\$0.122011	\$0.000663	\$0.000700	\$0.000663	\$0.000700
TSG-NF	Service Charge	\$1,003.89	\$1,070.40	\$1,004.54	\$1,071.09	\$1,003.89	\$1,070.40	\$0.65	\$0.69	\$0.65	\$0.69
	Distribution Charge 0-50,000	\$0.122765	\$0.130898	\$0.123249	\$0.131414	\$0.122765	\$0.130898	\$0.000484	\$0.000500	\$0.000484	\$0.000500
	Distribution Charge over 50,000	\$0.122765	\$0.130898	\$0.123249	\$0.131414	\$0.122765	\$0.130898	\$0.000484	\$0.000500	\$0.000484	\$0.000500
	Special Provision (d)	\$1.89	\$2.02	\$1.89	\$2.02	\$1.89	\$2.02	\$0.00	\$0.00	\$0.00	\$0.00
CIG	Service Charge	\$245.34	\$261.59	\$246.23	\$262.54	\$245.34	\$261.59	\$0.90	\$0.95	\$0.90	\$0.95
	Distribution Charge 0-600,000	\$0.109479	\$0.116732	\$0.109897	\$0.117178	\$0.109479	\$0.116732	\$0.000418	\$0.000400	\$0.000418	\$0.000400
	Distribution Charge over 600,000	\$0.099479	\$0.106069	\$0.099897	\$0.106515	\$0.099479	\$0.106069	\$0.000418	\$0.000400	\$0.000418	\$0.000400
	Special Provision (c) 1st para	\$1.89	\$2.02	\$1.89	\$2.02	\$1.89	\$2.02	\$0.00	\$0.00	\$0.00	\$0.00
BGSS RSG	Commodity Charge including Losses	\$0.306402	\$0.326701	\$0.306382	\$0.326680	\$0.306402	\$0.326701	-\$0.000020	\$0.000000	-\$0.000020	\$0.000000
CSG	Service Charge	\$1,003.89	\$1,070.40	\$1,004.54	\$1,071.09	\$1,003.89	\$1,070.40	\$0.65	\$0.69	\$0.65	\$0.69
	Distribution Charge - Non-Firm	\$0.122765	\$0.130898	\$0.123249	\$0.131414	\$0.122765	\$0.130898	\$0.000484	\$0.000500	\$0.000484	\$0.000500

## TYPICAL RESIDENTIAL ELECTRIC BILL IMPACTS

The effect of the proposed changes in the Infrastructure Advancement Program (IAP) on typical residential Electric bills, if approved by the Board, is illustrated below:

Residential Electric Service - Average Monthly Bill					
If Your Average Monthly kWh Use Is:	And Your Jun. to Sep. Avg. Monthly kWh Use Is:	Then Your Present Monthly Bill (1) Would Be:	And Your Proposed Monthly Bill (2) Would Be:	Your Monthly Bill Change Would Be:	And Your Percent Change Would Be:
140	171	\$37.98	\$38.02	\$0.04	0.11 %
279	342	70.00	70.07	0.07	0.10
558	683	134.28	134.43	0.15	0.11
650	803	155.88	156.06	0.18	0.12
977	1,279	233.80	234.07	0.27	0.12

(1) Based upon current Basic Generation Service Residential Small Commercial Pricing (BGS-RSCP) and Delivery Rates in effect October 15, 2024, and assumes that the customer receives BGS-RSCP service from Public

(2) Same as (1) except includes increase in the IAP.

Residential Electric Service - Monthly Summer Bill				
If Your Monthly Summer kWh Use Is:	Then Your Present Monthly Summer Bill (3) Would Be:	And Your Proposed Monthly Summer Bill (4) Would Be:	Your Monthly Summer Bill Change Would Be:	And Your Percent Change Would Be:
171	\$48.31	\$48.37	\$0.06	0.12 %
342	90.67	90.80	0.13	0.14
683	176.22	176.47	0.25	0.14
803	207.55	207.84	0.29	0.14
1,279	331.95	332.42	0.47	0.14

(3) Based upon current Basic Generation Service Residential Small Commercial Pricing (BGS-RSCP) and Delivery Rates in effect October 15, 2024, and assumes that the customer receives BGS-RSCP service from Public Service.

(4) Same as (3) except includes increase in the IAP.

# TYPICAL RESIDENTIAL GAS BILL IMPACTS

The effect of the proposed changes in the Infrastructure Advancement Program (IAP) on typical residential gas bills, if approved by the Board, is illustrated below:

Residential Gas Service - Average Monthly Bill					
If Your Average Monthly Therm Use Is:	And Your Avg. Dec. to Mar. Monthly Therm Use Is:	Then Your Present Monthly Bill (1) Would Be:	And Your Proposed Monthly Bill (2) Would Be:	Your Monthly Bill Change Would Be:	And Your Percent Change Would Be:
16	25	\$26.13	\$26.18	\$0.05	0.19 %
33	50	42.25	42.35	0.10	0.24
51	100	61.86	62.01	0.15	0.24
87	172	98.70	98.97	0.27	0.27
100	198	112.39	112.69	0.30	0.27
152	300	165.19	165.64	0.45	0.27

- (1) Based upon Basic Gas Supply Service (BGSS-RSG) and Delivery Rates in effect October 15, 2024, and assumes that the customer receives commodity service from Public Service.
- (2) Same as (1) except includes increase in the IAP.

Residential Gas Service - Monthly Winter Bill				
If Your Monthly Winter Therm Use Is:	Then Your Present Monthly Winter Bill (3) Would Be:	And Your Proposed Monthly Winter Bill (4) Would Be:	Your Monthly Winter Bill Change Would Be:	And Your Percent Change Would Be:
25	\$35.22	\$35.30	\$0.08	0.23 %
50	60.43	60.58	0.15	0.25
100	113.62	113.92	0.30	0.26
172	188.25	188.78	0.53	0.28
198	215.21	215.81	0.60	0.28
300	320.81	321.71	0.90	0.28

- (3) Based upon Basic Gas Supply Service (BGSS-RSG) and Delivery Rates in effect October 15, 2024, and assumes that the customer receives commodity service from Public Service.
- (4) Same as (3) except includes increase in the IAP.

**ATTACHMENT 3**  
**Schedule SS-IAP-7E**  
**&**  
**Schedule SS-IAP-7G**

**CONFIDENTIAL**

# NOTICE TO PUBLIC SERVICE ELECTRIC AND GAS COMPANY ELECTRIC CUSTOMERS

## In the Matter of the Petition of Public Service Electric and Gas Company for Approval of Electric and Gas Rate Adjustments Pursuant to the Infrastructure Advancement Program

### Notice of Filing and Notice of Public Hearings

#### Docket Nos.

**PLEASE TAKE NOTICE** that, on November 1, 2024, Public Service Electric and Gas Company ("Public Service," "PSE&G," or "Company") filed a petition ("Petition") and supporting documentation with the New Jersey Board of Public Utilities ("Board" or "BPU") seeking Board approval for cost recovery associated with the Infrastructure Advancement Program ("IAP" or "Program").

On June 29, 2022, the Board issued an Order approving the IAP in Docket Nos. EO21111211 and GO21111212 ("Order"). The Order provided approval to invest \$511 million to complete the Program, with \$351 million within the IAP Rate Mechanism and \$160 million within Stipulated Base to implement infrastructure improvements to enhance safety, reliability, and resiliency, and modernize the Company's electric and gas delivery systems. It was anticipated that these investments would be made over a four (4)-year period beginning in the month after the effective date of the Board's Order.

By the Petition, PSE&G seeks Board approval to recover an estimated annual revenue increase of approximately \$5.5 million from the Company's electric customers and approximately \$5.2 from the Company's gas customers associated with actual IAP investment costs incurred through September 30, 2024, and forecasted costs through January 31, 2025.

For illustrative purposes, the estimated IAP charges effective May 1, 2025, including New Jersey Sales and Use Tax ("SUT") for Residential Rate Schedule RS, are shown in Table #1.

Tables #2 and #3 provide customers with the approximate impact of the proposed increase in rates relating to ES II, if approved by the Board, effective May 1, 2025. The annual percentage increase applicable to specific customers will vary according to the applicable rate schedule and the level of the customer's usage.

Under the Company's proposal, a typical residential electric customer using 683 kilowatt-hours per month during the summer months, and 6,700 kilowatt-hours on an annual basis, would see an increase in the average monthly bill from \$134.28 to \$134.43, or \$0.15, or approximately 0.11%. The approximate effect of the proposed increase on typical electric residential

monthly bills, if approved by the Board, is illustrated in Table #4 below.

Under the Company's proposal, a typical residential gas heating customer using 172 therms per month during the winter months and 1,040 therms on an annual basis would see an initial increase in the average monthly bill from \$98.70 to \$98.97, or \$0.27, or approximately 0.27%. The approximate effect of the proposed increase on typical gas residential monthly bills, if approved by the Board, is illustrated in Table #5.

Any rate adjustments with resulting changes in bill impacts found by the Board to be just and reasonable as a result of the Petition may be modified and/or allocated by the Board in accordance with the provisions of N.J.S.A. 48:2-21 and for other good and legally sufficient reasons to any class or classes of customers of the Company. Therefore, the described charges may increase or decrease based upon the Board's decision. PSE&G's electric costs addressed in the Petition and subsequent updates will remain subject to audit by the Board, and Board approval shall not preclude or prohibit the Board from taking any such actions deemed appropriate as a result of any such audit.

A copy of this Notice of Filing and Public Hearings on the Petition is being served upon the clerk, executive or administrator of each municipality and county within the Company's service territory. The Petition is available for review online at the PSEG website at <http://www.pseg.com/pseandgfilings> and has also been sent to the New Jersey Division of Rate Counsel ("Rate Counsel"), who will represent the interests of all PSE&G customers in this proceeding. The Petition is also available to review online through the Board's website, <https://publicaccess.bpu.state.nj.us>, where you can search by the above-captioned docket number. The Petition and Board file may also be reviewed at the Board located at 44 South Clinton Avenue, 1st Floor, Trenton, NJ, with an appointment. To make an appointment, please call (609) 913-6298.

**PLEASE TAKE FURTHER NOTICE** that as authorized by N.J.S.A. 10:4-9.3, virtual public hearings are scheduled on the following date and times so that members of the public may present their views on the Petition.

**DATE:**

**TIMES:**

Join Microsoft Teams Meeting

There are two options for joining. Either go to this website: [www.pseg.com/PSEGpublichearings](http://www.pseg.com/PSEGpublichearings), or go to <https://www.microsoft.com/en-us/microsoft-teams/join-a-meeting> and enter the following information:

Meeting ID: 992 979 119 781

Passcode: 3X59PZ

-or-

Join by Phone

**Dial In:** (973) 536-2286

**Phone conference ID:** 537 811 425#

When prompted, enter the phone conference ID to access the meeting.

Representatives from the Company, Board Staff and the New Jersey Division of Rate Counsel will participate in the virtual public hearings. Members of the public are invited to participate by utilizing the link or dial-in number set forth above and may express their views on the Petition. All comments will be made a part of the final record of the proceeding and will be considered by the Board. To encourage full participation in this opportunity for public comment, please submit any requests for needed

accommodations, such as interpreters and/or listening assistance, 48 hours prior to the above hearings to the Board Secretary at [board.secretary@bpu.nj.gov](mailto:board.secretary@bpu.nj.gov).

Comments may be submitted directly to the specific docket listed above using the "Post Comments" button on the Board's Public Document Search tool: (<https://publicaccess.bpu.state.nj.us>). Comments are considered public documents for purposes of the State's Open Public Records Act. Only public documents should be submitted using the "Post Comments" button on the Board's Public Document Search tool. Any confidential information should be submitted in accordance with the procedures set forth in N.J.A.C. 14:1-12.3. In addition to hard copy submissions, confidential information may also be filed electronically via the Board's e-filing system or by email to the Secretary of the Board. Please include "Confidential Information" in the subject line of any email. Instructions for confidential e-filing are found on the Board's webpage at <https://www.nj.gov/bpu/agenda/efiling/>.

Emailed and/or written comments may also be submitted to:

Sherri L. Golden, Secretary of the Board

44 South Clinton Ave., 1st Floor

PO Box 350

Trenton, NJ 08625-0350

Phone: 609-913-6241

Email: [board.secretary@bpu.nj.gov](mailto:board.secretary@bpu.nj.gov)

**Table #1**  
**IAP COMPONENT OF INFRASTRUCTURE INVESTMENT PROGRAM CHARGES**  
**for Residential RS and RSG Customers**  
**Rates if Effective May 1, 2025**

Rate Schedule			IAP Charges	
			Charges in Effect November 1, 2024 Including SUT	Proposed Charges in Effect May 1, 2025 Including SUT
<b>Electric</b>				
<b>RS</b>	Service Charge	per month	\$0.00	\$0.00
	Distribution 0-600, June-September	\$/kWh	0.000000	\$0.000330
	Distribution 0-600, October-May	\$/kWh	0.000000	\$0.000189
	Distribution Over 600, June-September	\$/kWh	0.000000	\$0.000331
	Distribution Over 600, October-May	\$/kWh	0.000000	\$0.000189
<b>Gas</b>				
<b>RSG</b>	Service Charge	per month	\$0.00	\$0.00
	Distribution Charge	\$/Therm	0.000000	0.003051
	Off-Peak Use	\$/Therm	0.000000	0.001526
	Basic Gas Supply Service-RSG (BGSS-RSG)	\$/Therm	0.000000	(0.000021)

**Table #2**  
**Proposed Percentage Change in Revenue**  
**by Customer Class for Electric Service**  
**for Rates if Effective May 1, 2025**

	<b>Rate Class</b>	<b>Percent Change (%)</b>
Residential Service	RS	0.10
Residential Heating	RHS	0.10
Residential Load Management	RLM	0.05
Water Heating	WH	0.13
Water Heating Storage	WHS	0.00
Building Heating	HS	0.09
General Lighting & Power	GLP	0.08
Large Power & Lighting-Sec.	LPL-S	0.06
Large Power & Lighting-Pri.	LPL-P	0.05
High Tension-Subtr.	HTS-S	0.03
High Tension-HV	HTS-HV	0.02
Body Politic Lighting	BPL	0.01
Body Politic Lighting-POF	BPL-POF	0.02
Private Street & Area Lighting	PSAL	0.01
Overall		0.08

The percent increases noted above are based upon November 1, 2024, Delivery Rates and assumes that customers receive commodity service from PSE&G.

**Table #3**  
**Proposed Percentage Change in Revenue**  
**by Customer Class for Gas Service**  
**for Rates if Effective May 1, 2025**

	<b>Rate Class</b>	<b>Percent Change (%)</b>
Residential Service	RSG	0.25
General Service	GSG	0.09
Large Volume Service	LVG	0.05
Street Lighting Service	SLG	0.01
Firm Transportation Gas Service	TSG-F	0.17
Non-Firm Transportation Gas Service	TSG-NF	0.08
Cogeneration Interruptible Service	CIG	0.09
Contract Service	CSG	0.00
Overall		0.18

The percent increases noted above are based upon November 1, 2024, Delivery Rates, the applicable Basic Gas Supply Service (BGSS) charges, and assumes that customers receive commodity service from Public Service Electric and Gas Company.

**Table #4**  
**Residential Electric Service for Rates if Effective May 1, 2025**

<b>If Your Average Monthly kWhr Use Is:</b>	<b>And Your Jun. to Sep. Average Monthly kWhr Use Is:</b>	<b>Then Your Present Average Monthly Bill (1) Would Be:</b>	<b>And Your Proposed Average Monthly Bill (2) Would Be:</b>	<b>Your Average Monthly Bill Change Would Be:</b>	<b>And Your Percent Change Would Be:</b>
140	171	\$37.98	\$38.02	\$0.04	0.11%
279	342	70.00	70.07	0.07	0.10
558	683	134.28	134.43	0.15	0.11
650	803	155.88	156.06	0.18	0.12
977	1,279	233.80	234.07	0.27	0.12

- (1) Based upon Delivery Rates and Basic Generation Service Residential Small Commercial Pricing (BGS-RSCP) charges in effect November 1, 2024, and assumes that the customer receives BGS-RSCP service from PSE&G.  
(2) Same as (1) except includes the proposed change for the Infrastructure Advancement Program Charges.

**Table #5**  
**Residential Gas Service for Rates if Effective May 1, 2025**

<b>If Your Average Monthly Therm Use Is:</b>	<b>And Your Monthly Winter Therm Use Is:</b>	<b>Then Your Present Monthly Winter Bill (1) Would Be:</b>	<b>And Your Proposed Monthly Winter Bill (2) Would Be:</b>	<b>Your Monthly Winter Bill Change Would Be:</b>	<b>And Your Monthly Percent Change Would Be:</b>
16	25	\$26.13	\$26.18	\$0.05	0.19%
33	50	42.25	42.35	0.10	0.24
51	100	61.86	62.01	0.15	0.24
87	172	98.70	98.97	0.27	0.27
100	198	112.39	112.69	0.30	0.27
152	300	165.19	165.64	0.45	0.27

- (1) Based upon Delivery Rates and Basic Gas Supply Service (BGSS-RSG) charges in effect November 1, 2024, and assumes that the customer receives commodity service from Public Service.  
(2) Same as (1) except includes the proposed change for the Infrastructure Advancement Program Charges.

**Danielle Lopez, Esq.**  
**Associate Counsel—Regulatory**

**PUBLIC SERVICE ELECTRIC AND GAS COMPANY**

**PUBLIC SERVICE ELECTRIC AND GAS COMPANY**

**INCOME ACCOUNT**

	<u>YTD 2023</u> '(\$000)	<u>YTD 2022</u> '(\$000)
400 Electric Operating Revenues	\$ 3,624,873	\$ 3,600,587
Electric Operating Expenses:		
401 Operation Expense	2,611,602	2,558,833
402 Maintenance Expense	136,580	124,436
403 Depreciation Expense	335,306	320,702
404 Amortization of Limited Term Plant	28,334	23,804
407 Amortization of Property Losses	19,120	14,249
408.1 Taxes Other Than Income Taxes	25,012	25,219
409.1 Income Taxes - Federal	17,390	(77,644)
410.1 Provision for Deferred Income Taxes	224,701	418,520
411.1 Provision for Deferred Income Taxes - Credit	(289,697)	(344,854)
411.103 Accretion Expense-Electric	0	0
411.4 Investment Tax Credit Adjustments (Net)	(11,416)	(9,796)
Total Electric Utility Operating Expenses	<u>3,096,933</u>	<u>3,053,469</u>
Electric Utility Operating Income	<u>\$ 527,939</u>	<u>\$ 547,118</u>

\* Electric Distribution only

	<u>YTD 2023</u>	<u>YTD 2022</u>
400 Gas Operating Revenues	\$ 2,156,592	\$ 2,440,504
Gas Operating Expenses:		
401 Operation Expense	1,425,245	1,617,554
402 Maintenance Expense	41,071	38,190
403 Depreciation Expense	219,192	203,691
404 Amortization of Limited Term Plant	16,171	15,318
407 Amortization of Property Losses	21,353	30,048
407.3 Amortization of Excess cost of removal	8,123	9,747
407.4 Amortization of Excess cost of removal	0	0
408.1 Taxes Other Than Income Taxes	17,260	17,569
409.1 Income Taxes - Federal	(8,762)	55,177
410.1 Provision for Deferred Income Taxes	173,974	207,008
411.1 Provision for Deferred Income Taxes - Cr	(241,061)	(255,491)
411.4 Investment Tax Credit Adjustments (Net)	(749)	(748)
Total Gas Utility Operating Expenses	<u>1,671,819</u>	<u>1,938,065</u>
Gas Utility Operating Income	<u>\$ 484,773</u>	<u>\$ 502,439</u>

**PUBLIC SERVICE ELECTRIC AND GAS COMPANY**  
**BALANCE SHEET**  
**\$ (In Thousands)**

**June 30, 2024**

Assets and Other Debits  
Utility Plant

Electric Utility Plant

101	Electric Utility Plant in Service	\$	26,851,122
103	Electric Experimental Plant Unclassified		-
105	Electric Utility Plant Held for Future Use		38,009
106	Electric Completed Construction not classified- Electric		4,293,687
107	Electric Construction Work in Progress		948,493
	Total Electric Utility Plant		<u>32,131,311</u>

Gas Utility Plant

101	Gas Utility Plant in Service	\$	12,102,931
103	Gas Experimental Plant Unclassified		-
105	Gas Utility Plant Held for Future Use		96
106	Gas Completed Construction not classified		248,438
107	Gas Construction Work in Progress		95,272
	Total Gas Utility Plant		<u>12,446,737</u>

Common Utility Plant

101	Common Utility Plant in Service	\$	385,236
106	Common Completed Construction not classified		-
107	Common Construction Work in Progress		46,704
	Total Common Utility Plant		<u>431,941</u>

Property under capital leases

101.1	Electric & Gas Property under capital leases		97,506
			<u>97,506</u>

**Total Utility Plant**

**45,107,495**

Accumulated Provisions for Depreciation and Amortization of  
Electric Utility Plant

108 & 111	Electric Utility Plant in Service	(5,837,629)
108.5	Electric Utility Plant Held for Future Use	-
	Total Electric Utility Plant	<u>(5,837,629)</u>

Gas Utility Plant

108 & 111	Gas Utility Plant in Service	(2,630,523)
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Common Utility Plant

108 & 111	Common Utility Plant in Service	(212,527)
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Total Accumulated Provisions for  
Depreciation and Amortization  
of Utility Plant

(8,680,678)

Net Utility Plant Excluding Nuclear Fuel

36,426,817

Nuclear Fuel

120.1	120.1	In Process	-
120.2	120.2	Materials and Assemblies Stock	-
120.3	120.3	In Reactor	-
120.4	120.4	Spent	-

Accumulated Provisions for Amortization

120.5	120.5	Nuclear Fuel	-
		Net Nuclear Fuel	-
	<b>Net Utility Plant</b>		<u><b>36,426,817</b></u>

(0)

Other Property and Investments

121	Nonutility Property	2,870
122	Accumulated Provision for Depreciation & Amortization of Nonutility Property	(803)
123 & 123.1	Investments in Associated & Subsidiary Companies	44,642
124	Other Investments	103,775
125-8	Special Funds	30,900
175	Long-Term Portion of Derivative Assets	-
	Total Other Property and Investments	<u>181,383</u>

**BALANCE SHEET****\$ (In Thousands)**June 30, 2024

## Current and Accrued Assets

131	Cash	\$	15,022
132-4	Special Deposits		36,093
135	Working Funds		-
136	Temporary Cash Investments		0
141-3	Notes and Accounts Receivable		1,338,916
144	Accumulated Provision for Uncollectible Accounts - Credit		(252,787)
145-6	Receivables from Associated Companies		16,315
151-5	Materials and Supplies (incl. 163)		605,090
158	Allowances		-
164	Gas Stored Underground - Current		-
165	Prepayments		255,729
171	Interest and Dividends Receivable		-
172	Rents Receivable		(675)
173	Accrued Utility Revenues		252,069
174	Miscellaneous Current and Accrued		5,496
175	Current Portion of Derivative Instrument Assets		-
	Total Current and Accrued Assets		2,271,269

## Deferred Debits

181	Unamortized Debt Expense		79,479
182	Unrec'd Plt and Reg Costs and Other Reg Assets		5,778,214
183	Preliminary Survey and Investigation Charges		41,839
183.2	Other Preliminary Survey and Investigations		1,459
184	Clearing Accounts		(115)
185	Temporary Facilities		-
186	Miscellaneous Deferred Debits		34,817
188	Research and Development Expenditures		-
189	Unamortized Loss on Reacquired Debt		18,214
190	Accumulated Deferred Income Taxes		689,306
	Total Deferred Debits		6,643,214
	Total Assets and Other Debits	\$	45,522,682
			(0)

**BALANCE SHEET****\$ (In Thousands)**June 30, 2024

## Liabilities and Other Credits

## Proprietary Capital

201	Common Stock Issued	\$	892,260
204	Preferred Stock Issued		-
207	Premium on Capital Stock		-
208	Donations from Stockholders		2,155,437
210	Gain on Resale or Cancellation of Reacquired Capital Stock		-
211	Miscellaneous Paid-In Capital		-
215	Appropriated Retained Earnings		-
216	Unappropriated Retained Earnings		14,795,115
216.1	Unappropriated Undistributed Subsidiary Earnings		(441)
219	Other Comprehensive Income		(4,143)
	Total Proprietary Capital		<u>17,838,228</u>

## Long-Term Debt

221	221 Bonds		14,515,001
223	223 Advances from Assoc. Co.		-
225	225 Unamortized Premium on Long-Term Debt		-
226	226 Unamortized Discount on Long-Term Debt		(29,896)
	Total Long-Term Debt		<u>14,485,105</u>

## Other Non-Current Liabilities

227-9	Other Non-current Liabilities		707,916
244	Long-Term Portion of Derivative Instrument Liabilities		-
230	Asset Retirement Obligation		402,421
	Total Other Non-Current Liabilities		<u>1,110,336</u>

## Current and Accrued Liabilities

231	Notes Payable		389,670
232	Accounts Payable		676,409
233-4	Payables to Associated Companies		476,460
235	Customer Deposits		67,401
236	Taxes Accrued		2,366
237	Interest Accrued		155,246
238	Dividends Declared		-
239	Matured Long-Term Debt		-
241	Tax Collections Payable		28,042
242	Miscellaneous Current and Accrued Liabilities		595,521
243	Obligations Under Capital leases		14,481
244	Current Portion of Derivative Instrument Liabilities		-
	Total Current and Accrued Liabilities		<u>2,405,597</u>

## Deferred Credits

252	Customer Advances for Construction		71,313
253	Other Deferred Credits		236,558
254	Other Regulatory Liabilities		2,596,076
255	Accumulated Deferred Investment Tax Credits		90,034
281-3	Accumulated Deferred Income Taxes		6,689,436
	Total Deferred Credits		<u>9,683,417</u>

Total Liabilities and Other Credits	\$	<u><u>45,522,682</u></u>
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