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PECO
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Philadelphia, PA 19103

November 28, 2022

Via E-Filing

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17105-3265

RE: PECO Purchased Gas Cost No. 39 Compliance Filing (Docket No. R-2022-3032250)
Including Quarterly Adjustment for PECO - Gas Tariff No. 4, Supplement No. 16 and PECO Gas
Tariff No. 2S, Gas Choice Supplier Coordination Tariff - Supplement No. 9 - Effective December 1,
2022

Dear Secretary Chiavetta:

This letter transmits for filing with the Commission the following tariff pages:

- PECO's Gas Tariff No. 4, Supplement No. 16 to implement Purchased Gas Cost ("PGC") No. 39, including a quarterly adjustment to the Commodity Charge ("CC"), the Gas Cost Adjustment Charge ("GCA") and the Balancing Service Cost ("BSC");
- Extension of the Off-System Sales Sharing Mechanism;
- Updates to the Merchant Function Charges ("MFC") and the Prices to Compare ("PTC");
- Related changes to Transportation Balancing Charge for Transportation Service and System Loss Percentage for the Volume Adjustment and
- PECO's Gas Tariff No. 2S, Gas Choice Supplier Coordination Tariff, Supplement No. 9, implementing a revision to the system loss percentage for the volume adjustment.

"Redlined" versions of the tariff pages are also included.

This filing also includes:

1. Attachment A - Calculation and derivation of the new PGC rates including the MFC and total PGC rate by rate class;
2. Attachment B - Calculation and derivation of the new PGC rates: CC including the Gas Procurement Charge ("GPC") and the GCA;
3. Attachment C - Calculation and derivation of the new PGC rates: BSC
4. Attachment D - Projected PGC fuel costs for the thirteen months ended November 2023 and
5. Attachment E - Hedging Activity Report as ordered at Docket No. R-2009-2108705.

The PGC rate for a General Service Rate GR Residential customer equals \$7.8752 per Mcf effective December 1, 2022. When compared to the previous monthly bill, a typical Rate GR customer using 8 Mcf's per month will see a decrease of \$5.84, from \$117.86 to \$112.02, or 5.0% per month.

The PGC rate for a General Service Rate GC Commercial and Industrial customer equals \$7.8512 per Mcf effective December 1, 2022. When compared to the previous monthly bill, a typical Rate GC customer using 40 Mcf's per month will see a decrease of \$30.27, from \$533.11 to \$502.84, or 5.7% per month.

Rosemary Chiavetta, Secretary
November 28, 2022
Page 2

The PGC rate for a Rate L Large High Load Service customer, a Rate OL Outdoor Lighting Service customer and a Rate MV-F Firm Motor Vehicle Service customer equals \$7.8476 per Mcf effective December 1, 2022. This rate reflects a decrease of \$0.7559 per Mcf compared to the previous PGC rate.

Due to the continuing COVID-19 pandemic, PECO's employees are working in the office on a part-time basis. Accordingly, PECO employees will have limited access to photocopying and U.S. mail, among other services. PECO requests that all communications with PECO employees continue to be transmitted by email.

Thank you for your assistance in this matter and if you have any questions, please contact Megan A. McDevitt, Senior Manager, Retail Rates at (215) 841-6361 or via email at the following: megan.mcdevitt@exeloncorp.com.

Sincerely,

A handwritten signature in black ink, appearing to read "R.W." followed by a long horizontal flourish.

Richard G. Webster, Jr
Vice President
Regulatory Policy & Strategy

cc: K. G. Sophy, Director, Office of Special Assistants (e-mail only)
P. T. Diskin, Director, Bureau of Technical Utility Services (e-mail only)
K. Monaghan, Director, Bureau of Audits (e-mail only)
R. A. Kanaskie, Director, Bureau of Investigation & Enforcement (e-mail only)
Office of Consumer Advocate (e-mail only)
Office of Small Business Advocate (e-mail only)
McNees, Wallace & Nurick (e-mail only)

PECO ENERGY COMPANY

GAS SERVICE TARIFF

COMPANY OFFICE LOCATION

2301 Market Street
Philadelphia, Pennsylvania 19103

For List of Communities Served, See Page 3.

Issued November 28, 2022

Effective December 1, 2022

ISSUED BY: M. A. Innocenzo - President & CEO
PECO Energy Distribution Company
2301 MARKET STREET
PHILADELPHIA, PA. 19103

NOTICE.

LIST OF CHANGES MADE BY THIS SUPPLEMENT

DEFINITION OF TERMS AND EXPLANATION OF ABBREVIATIONS – 2nd Revised Page No. 7

The system losses percentage for the Volume Adjustment is increased.

SALES SERVICE COSTS (SSC) – 7th Revised Page No. 39

The Commodity Charges are decreased. The Gas Cost Adjustment is decreased.

SALES SERVICE COSTS (SSC) – 3rd Revised Page No. 40

The Off-System Sales Sharing Mechanism is extended through November 30, 2025.

MERCHANT FUNCTION CHARGE – 7th Revised Page No. 43 and 7th Revised Page No. 44

The Merchant Function Charges are decreased. The Prices to Compare are decreased.

BALANCING SERVICE COSTS (BSC) – 7th Revised Page No. 45

The Balancing Service Cost is increased.

GAS TRANSPORTATION SERVICE – GENERAL TERMS AND CONDITIONS – 2nd Revised Page No. 67 and 3rd Revised Page No. 68

Section 1.3, Volume Adjustment, the system losses percentage is increased. Section 2.3, the Balancing Charge is decreased.

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PECO Energy Company

Natural Gas Supplier Coordination Tariff – The Tariff, setting forth the basic requirements for interactions and coordination between the Company, as the natural gas distribution company, and Suppliers necessary for maintaining the delivery of Competitive Natural Gas Supply from Suppliers to their Low Volume Transportation Customers under the Company’s Gas Choice program.

Principal Office - The Company’s Main Office Building located at 2301 Market Street, Philadelphia, Pa. 19103.

Property line - The division line between land held in, or for, private use, and land in which the public or the Company has a right of use; or, the division line between separately owned or occupied land.

Sales Service Cost (“SSC”) - Cost of commodity and non-storage interstate pipeline firm transportation capacity to delivery such commodity to the city gate for Low Volume Sales Customers.

Rate - The rates are CAP, GR, GC, OL, L, MV-F, MV-I, IS, TCS, TS-I, TS-F, and NGS or the successors thereto.

Separate NGS Billing (“Dual Billing”) – Separate Billing by an NGS of its charges for gas supply service.

Service - The distribution of gas for use by the Customer, including all things done by the Company in connection with such distribution.

Service-Supply Pipe - The pipe extending from the Company’s supply main to a metered delivery point or, in the case of installations comprised exclusively of outdoor gas lights, to the first such light.

Summary Billing Accounts - An aggregate bill prepared at the option of the Company for Customers with multiple accounts that are related within the same partnership, association, corporation or governmental agency.

Supplier of Last Resort Service (“SLR Service” or “Sales Service”) - Natural gas supply service provided by the Company as supplier-of-last-resort to residential, small commercial, small industrial and essential human needs Customers who: (1) do not choose a Supplier or chose to be served by their supplier of last resort; (2) who are refused service by a Supplier; (3) whose Supplier has defaulted or exited the system; or (4) who return to SLR service after having obtained Competitive Natural Gas Supply.

System Maintenance Order (“SMO”) – operational directive issued by the Company in its sole discretion to protect the operational integrity of its systems in terms of line pressure and adequacy of supply, which orders directly affect the quantity of gas to be delivered on the same gas day or other near-term gas days and may require a Customer or class of Customers, or a Customer’s natural gas supplier or agent, to maintain, decrease or increase the quantity of natural gas delivered to the Company’s system.

Tariff – This Gas Service Tariff comprising the rates, rules and regulations that apply to the distribution of natural gas, including all things done by the Company in connection with such distribution and/or the supply of natural gas under Supplier of Last Resort (Sales) Service.

Transportation Service – Natural gas supply service provided to HVT Customers, by an alternative Natural Gas Supplier as further detailed in Rule 1.1 of the Gas Transportation Service General Terms and Conditions Section of this Tariff.

Variable Distribution Service Charge – The variable charges on a Mcf basis for the provision of unbundled distribution service, including all things done by the Company in connection with such distribution service.

Volume Adjustment - the current adjustable factor applied to all rate classes to account for: a) reduction for system losses of 2.8% and b) thermal correction, the latter being determined by dividing the daily average Btu content per cubic foot of gas for the Company’s system by a reference Btu content of 1,000 Btu per cubic foot. (I)

(I) Denotes Increase

SALES SERVICE COSTS (SSC) - Section 1307(f)

PROVISIONS FOR RECOVERY OF GAS COSTS RELATED TO SALES SERVICE

Rates for all Sales Service gas supplied under Rate Schedules GR, CAP, GC, OL, L and MV-F of this Tariff shall include the Commodity Charge (CC) at **\$7.1066** per Mcf (1,000 cubic feet) for Rate Schedules GR and CAP, **\$7.0826**, per Mcf for Rate Schedules GC and **\$7.0790** (D) per Mcf for Rate Schedules OL, L and MV-F for recovery of gas costs related to Sales Service, calculated in the manner set forth below, pursuant to Section 1307(f) of the Public Utility Code as well as procurement costs as reflected in the Gas Procurement Charge ("GPC") and uncollectable charge-offs as reflected in the Merchant Function Charge ("MFC"). In addition, the Gas Cost Adjustment Charge (GCA) in the amount of **\$0.2061** per Mcf will be applicable to customers served under the above mentioned Rate Schedules. Such rates for Sales (D) Service gas shall be increased or decreased, from time to time, as provided by Section 1307(f) of the Public Utility Code and the Commission's regulations, to reflect changes in the level of recovery of gas costs related to Sales Service.

COMPUTATION OF CC AND GCA PER MCF.

The CC and GCA, per Mcf, shall be computed to the nearest one-hundredth cent (0.01¢) in accordance with the formulas set forth below:

$$CC = \frac{(C)}{(S)} \times \frac{1}{(1-T)} + GPC + MFC \quad ; \text{ and}$$

$$GCA = \frac{(E)}{(S)} \times \frac{1}{(1-T)}$$

For March 1, June 1 and September 1 quarterly updates, CC is revised to:

$$CC = (CC1 + \frac{O + C1}{S1 S2} \times \frac{1}{(1-T)} + GPC + MFC$$

The CC and GCA so computed, shall be applicable to Customers receiving Sales Service pursuant to the rate schedules identified above. The CC and GCA, per Mcf, will vary, if appropriate, based upon annual filings by the Company pursuant to Section 1307(f) of the Public Utility Code and such supplemental filings as may be required or be appropriate under Section 1307(f) or the Commission's regulations adopted pursuant thereto.

In computing the Charges, per Mcf, pursuant to the formulas above, the following definitions shall apply:

"CC" - Purchased Gas Costs determined to the nearest one-hundredth cent (0.01¢) to be charged for each Mcf of-Sales Service gas supplied under Rate Schedules GR, CAP, GC, OL, L and MV-F of this Tariff.

"C" - Cost in dollars: (a) for all types of purchased gas, project the commodity and all non-storage interstate pipeline costs for each purchase (adjusted for net current gas stored) for the projected period when rates will be in effect; plus (b) the cost of gas provided from storage and LNG facilities, less (c) the new monthly cash-out result determined pursuant to Rule 10.11.3, or the successor thereto, of the Gas Choice Supplier Coordination Tariff .

"C1" - defined as the difference between the current projection of "C" and the projection of "C" used to establish the rates effective December 1 for the period starting with the month of the effective date of the quarterly rate change through the end of the PGC period.

"CC1" – defined as the Commodity Charge rate effective December 1 of the current PGC period.

"O" – defined as the difference between the current net over/under collections and the associated projected net over/under collections from the applicable PGC rate calculation, as defined by Commodity Charge revenues less associated gas costs, from December 1 of the current PGC year through the end of the month before the applicable quarterly rate change.

GCA - the "E" factor component of the CC, representing the net overcollection or undercollection of Purchased Gas Costs. Applicable to Sales Service and determined to the nearest one-hundredth cent (0.01¢) for service provided under Rate Schedules GR, GC, CAP, OL, L, and MV-F of this Tariff.

"E" - the net (overcollection) or undercollection of Purchased Gas Costs applicable to the CC.

The net overcollection or undercollection shall be determined for the most recent period permitted under law, which shall begin with the month following the last month which was included in the previous overcollection or undercollection calculation reflected in rates. The annual filing date shall be the date specified by the Commission for the Company's Section 1307(f) tariff filing.

Supplier refunds received after July 1, 2001 associated with Commodity Charges will be included in the calculation of "E" with interest added at the annual rate of six percent (6%) beginning with the month such refund is received by the Company.

(D) Denotes Decrease

"GPC" – Gas Procurement Charge determined to the nearest one-hundredth cent (0.01¢) to be charged for each Mcf of Sales Service gas supplied under Rate Schedules GR, CAP, GC, OL, L, and MV-F of this Tariff.

"MFC" – Merchant Function Charge determined to the nearest one hundredth cent (0.01¢) to be charged for each Mcf of Sales Services gas supplied under Rate Schedules GR, CAP, GC, OL, L and MV-F of this Tariff.

Each overcollection or undercollection statement shall also provide for refund or recovery of amounts necessary to adjust for overrecovery or underrecovery of "E" factor amounts under the previous 1307(f) GCA.

Interest shall be computed monthly at the prime rate for commercial borrowing in effect sixty days prior to the tariff filing in accordance with Section 1307(f) of the Public Utility Code as modified by PA Act 47. The interest rate will be based on that reported in the Wall Street Journal. Interest will be computed from the month that the overcollection or undercollection occurs to the effective month such overcollection is refunded or undercollection is recouped. The interest rate basis will become effective with the December 2016 billing cycle

"S" projected Mcf of gas to be billed to Customers receiving Sales Service under Rate Schedules GR, GC, CAP, OL, L & and MV-F during the projected period when rates will be in effect.

"S1" - defined as the applicable twelve month mcf sales billed to customers receiving Sales Service under Rate Schedules GR, GC, CAP, OL, L, and MV-F.

"S2" – defined as mcf sales billed to customers receiving Sales Service under Rate Schedules GR, GC, CAP, OL, L, and MV-F and for the period starting with the month of the effective date of the quarterly rate change through the end of the PGC period.

"T" the portion of any applicable state gross receipts tax rate recovered through base rates, expressed as a decimal. The tax rate, if any, shall be the one in effect when the computation is made.

"Purchased Gas Costs" - Include the direct costs paid by the Company for the purchase and delivery of natural gas (which also includes liquefied natural gas, synthetic natural gas, and natural gas substitutes, excluding propane, the cost of which is included in the Balancing Service Costs) to its system to supply its Customers (plus such portion of the Company's used and unaccounted for gas as the Commission permits), including costs paid under agreements to purchase natural gas from sellers; costs paid for transporting natural gas to its system; all charges, fees, taxes and rates paid in connection with such purchases, pipeline gathering, and transportation; and costs paid for employing futures, options and other risk management tools.

QUARTERLY UPDATES

The Company's rates for recovery of gas costs related to Sales Service are also subject to quarterly adjustments under procedures set forth in Section 1307 (f) of the Public Utility Code and in the Commission's regulations. Such updates shall reflect, adjustments for under or overcollections and, adjustments to the projected cost of gas related to Sales Service based upon more current versions of the same sources of data and using the same methods to project the gas costs related to Sales Service approved by the Commission in the Company's most recent annual proceeding for recovery of gas costs related to Sales Service under section 1307 (f).

OFF-SYSTEM SALES SHARING MECHANISM

The rate for Sales Service gas as determined above shall be adjusted to reflect the operation of the off-system sales sharing mechanism set forth herein. Revenues received by PECO Energy from third party storage management services and revenues from exchanges or swaps of gas, excluding the Customer's share of such revenue attributable to use or management of storage or related storage transportation capacity by customers not connected to the Company's system (which revenue shall be included in the Balancing Service Costs E factor, shall be included as off-system sales revenues). Effective April 1, 2001 through March 30, 2008, PECO Energy will be permitted to retain 25% of off system sales margin revenues up to the first \$3.5 million in margin revenues, and PECO Energy will be permitted to retain 30% of off system sales margin revenues for margin revenues over \$3.5 million. Subsequently, effective March 31, 2008 through November 30, 2025 and thereafter, until (C) terminated or otherwise revised by Final Order of the Commission, PECO Energy will be permitted to retain 25% of off-system sales margin revenues. PECO Energy's share shall be computed on a pre-income tax basis, "below the line" for ratemaking purposes. The remaining off-system sales margin will be credited to the recovery of purchased gas costs. Margin revenues derived from sales of gas which is taken from system supply are defined as the unit revenue less the monthly weighted average commodity cost of gas, less any applicable taxes other than income taxes. Margin revenues derived from specific purchase sales (sales where a specific gas supply has been purchased to make a sale) shall be defined as the unit revenue less the specific purchase commodity cost of gas, less any applicable taxes other than income taxes. Specific purchase sales will have no impact on the cost of system supply. Off-system sales for operational purposes such as for meeting mandatory storage withdrawals are excluded from the mechanism. The calculations under this mechanism shall be subject to audit and to review in annual 1307(f) proceedings.

(C) Denotes Change

MERCHANT FUNCTION CHARGE

PROVISIONS FOR RECOVERY OF MERCHANT FUNCTION CHARGES

Rates for all Sales Service gas supplied under Rate Schedules GR, CAP GC, OL, L and MV-F shall include the Merchant Function Charge ("MFC") at **\$0.0318** per Mcf (1,000 cubic feet) for Rate Schedules GR and CAP, at **\$0.0078** per Mcf for Rate Schedule GC and at **\$0.0042** per Mcf for Rate Schedules OL, L and MV-F for recovery of gas uncollectible charge-offs related to Sales Service, calculated in the manner set forth below and pursuant to the Final Order at Docket No. P-2012-2328614 and at Docket No. R-2020-3018929. The MFC will be included in the Company's Commodity Charge ("CC") and the Price to Compare ("PTC") and shall be updated quarterly in conjunction with the calculation of the CC. (D) (D)

COMPUTATION OF MERCHANT FUNCTION CHARGE

The MFC shall include uncollectible charge-offs incurred by the Company on behalf of its Sales Service customers and calculated for Rate Schedules GR, CAP, GC, OL, L and MV-F. The MFC shall be computed as follows:

$$\text{MFC} = \text{Write-Off Factor} \times \text{CCEMFC} \times 1 / (1 - T)$$

"Write-Off Factor" - the write-off factors for Rate Schedules GR and CAP (**0.45%**), Rate Schedule GC (**0.11%**) and Rate Schedules OL, L and MV-F (**0.06%**) as determined at Docket No R-2020-3018929, the Company's 2020 gas base rate case. The write-off factors shall be updated as part of future base rate cases.

"CCEMFC" – the applicable quarterly CC including the GPC and excluding the MFC.

"T" – the portion of any applicable state gross receipts tax rate recovered through base rates, expressed as a decimal. The tax rate, if any, shall be the one in effect when the computation is made.

The calculation of the MFC shall be updated in conjunction with changes in the CC including the GPC and excluding the MFC and updates in the write-off factors. The MFC shall not be subject to reconciliation for any prior period over or under collections.

PRICE TO COMPARE

The Price to Compare ("PTC") is comprised of the Commodity Charge ("CC"), the Gas Cost Adjustment ("GCA"), the Gas Procurement Charge ("GPC") and the Merchant Function Charge ("MFC"). The Commodity Charge includes the Gas Procurement Charge and the Merchant Function Charge. The PTC will change whenever any components of the PTC change. The current PTC's are detailed below:

<u>COMPONENT</u>	<u>RATES GR and CAP</u>	
Commodity Charge excluding GPC and MFC	\$7.0529 per Mcf	(D)
Gas Cost Adjustment	\$0.2061 per Mcf	(D)
Gas Procurement Charge	\$0.0219 per Mcf	
Merchant Function Charge	<u>\$0.0318</u> per Mcf	(D)
Price to Compare	\$7.3127 per Mcf	(D)

<u>COMPONENT</u>	<u>RATES GC</u>	
Commodity Charge excluding GPC and MFC	\$7.0529 per Mcf	(D)
Gas Cost Adjustment	\$0.2061 per Mcf	(D)
Gas Procurement Charge	\$0.0219 per Mcf	
Merchant Function Charge	<u>\$0.0078</u> per Mcf	(D)
Price to Compare	\$7.2887 per Mcf	(D)

(D) Denotes Decrease

PECO Energy Company

<u>COMPONENT</u>	<u>RATES OL, L and MV-F</u>	
Commodity Charge excluding GPC and MFC	\$7.0529 per Mcf	(D)
Gas Cost Adjustment	\$0.2061 per Mcf	(D)
Gas Procurement Charge	\$0.0219 per Mcf	
Merchant Function Charge	<u>\$0.0042</u> per Mcf	(D)
Price to Compare	\$7.2851 per Mcf	(D)

(D) Denotes Decrease

BALANCING SERVICE COSTS (BSC)- Section 1307(f)

PROVISIONS FOR RECOVERY OF BALANCING SERVICE COSTS.

Rates for Balancing Service for all gas delivered under Rate Schedules GR, CAP, GC, OL, L and MV-F of this Tariff shall be charged at **\$0.5625** per Mcf (1,000 cubic feet) for recovery of those costs, calculated in the manner set forth below, pursuant to Section 1307(f) of the Public Utility Code. Such rates for Balancing Service shall be increased or decreased, from time to time, as provided by Section 1307(f) of the Public Utility Code and the Commission's regulations, to reflect changes in the level of recovery of Balancing Service Costs. (I)

COMPUTATION OF BALANCING SERVICE COSTS PER MCF

Balancing Service Costs, per Mcf, shall be computed to the nearest one-hundredth cent (0.01¢) in accordance with the formula set forth below:

$$\text{BSC} = \frac{(C - E)}{(S)} \times \frac{1}{(1 - T)}$$

For March 1, June 1 and September 1 quarterly updates, the BSC is revised to:

$$\text{BSC} = \frac{(CC1 + \frac{O}{S1} + \frac{C1 - E}{S2}) \times \frac{1}{S1}}{(1 - T)}$$

Projected Balancing Service Costs, so computed, shall be charged to Customers for all gas delivered pursuant to the rate schedules identified above. The amount of those costs, per Mcf, will vary, if appropriate, based upon annual filings by the Company pursuant to Section 1307(f) of the Public Utility Code and such supplemental filings as may be required or be appropriate under Section 1307(f) or the Commission's regulations adopted pursuant thereto.

In computing the Balancing Service Costs, per Mcf, pursuant to the formula above, the following definitions shall apply:

"BSC" - Balancing Service Costs determined to the nearest one-hundredth cent (0.01¢) to be charged to each Mcf of gas delivered under Rate Schedules GR, CAP, GC, OL, L and MV-F of this Tariff.

"C" - Cost in dollars: for all types of storage and related services, project the cost for the projected period when rates will be in effect.

"C1" - defined as the difference between the current projection of "C" and the projection of "C" used to establish the rates effective December 1 for the period starting with the month of the effective date of the quarterly rate change through the end of the PGC period.

"CC1"- defined as the rate associated with "C" effective December 1 of the current PGC period.

"O" - defined as the difference between the current net over/under collections and the associated projected net over/under collections from the applicable PGC rate calculation, as defined by storage and related services revenues less associated storage and related services costs from December 1 of the current PGC year through the end of the month before the applicable quarterly rate change.

"E" - the net overcollection or undercollection of Balancing Service Costs.

The net overcollection or undercollection shall be determined for the most recent period permitted under law, which shall begin with the month following the last month which was included in the previous overcollection or undercollection calculation reflected in rates. The annual filing date shall be the date specified by the Commission for the Company's Section 1307(f) tariff filing.

Each overcollection or undercollection statement shall also provide for refund or recovery of amounts necessary to adjust for overrecovery or underrecovery of "E" factor amounts under the previous Balancing Service Costs Rate.

Interest shall be computed monthly at the prime rate for commercial borrowing in effect sixty days prior to the tariff

filing in accordance with Section 1307(f) of the Public Utility Code as modified by PA Act 47. The interest

rate will be based on that reported in the Wall Street Journal. Interest will be computed from the month that the overcollection or undercollection occurs to the effective month such overcollection is refunded or undercollection is recouped. The interest rate basis will become effective with the December 2016 billing cycle.

As otherwise described in the Sales Service Costs section "Off-System Sales Sharing Mechanisms", the portion of margin revenue attributable to certain balancing assets shall be included in the calculation of "E".

Supplier refunds received prior to July 1, 2001 will be included in the calculation of "E" with interest added at the annual rate of six per cent (6%) beginning with the month such refund is received by the Company.

"S" - projected Mcf of gas to be delivered to Customers during the projected period when rates will be in effect.

"S1" - defined as the applicable twelve month mcf of gas to be delivered to customers.

"T" - the portion of any applicable state gross receipts tax rate recovered through base rates, expressed as a decimal. The tax rate, if any, shall be the one in effect when the computation is made.

"S2" - defined as mcf sales delivered to customers for the period starting with the month of the effective date of the quarterly rate change through the end of the PGC period.

"T" - the portion of any applicable state gross receipts tax rate recovered through base rates, expressed as a decimal. The tax rate, if any, shall be the one in effect when the computation is made.

Balancing Service Costs - fixed and variable storage costs and the cost of propane to be charged to all customers served under Rate Schedules GR, CAP, GC, OL, L, and MV-F of this Tariff.

QUARTERLY UPDATES

The Company's rates for recovery of Balancing Service Costs are also subject to quarterly adjustments under procedures set forth in the Commission's regulations at 52.Pa. Code 53.64 (1) (5). Such updates shall reflect adjustments for under or over collections and adjustments to the projected cost of Balancing Services based upon more current versions of the same sources of data and using the same methods to project the Balancing Service Costs approved by the Commission in the Company's most annual proceeding for recovery of Balancing Service Costs under section 1307 (f) of the Public Utility Code.

(I) Denotes Increase

GAS TRANSPORTATION SERVICE - GENERAL TERMS AND CONDITIONS

(Applicable to: Rate TS-I Gas Transportation Service-Interruptible and Rate TS-F Gas Transportation Service-Firm.)

1. TRANSPORTATION SERVICE

1.1 GENERAL. Transportation service shall consist of: the receipt of gas on behalf of a Customer; the transportation of gas through the Company's distribution facilities; and the delivery of equivalent quantities of gas to the Customer, adjusted for thermal correction and system losses where applicable.

Transportation service may also include Standby Sales Service to permit purchases of gas under one of the Company's retail sales rate schedules.

1.2 TERMS DEFINED. The following definitions shall apply throughout the transportation portion of this tariff:

RECEIVED/RECEIPT shall refer to gas tendered to the Company for the Customer's account at one or more of the interconnections between the Company and its interstate pipeline suppliers, or other specified location. The normal unit of measurement is the dekatherm or mmBtu.

DELIVERED/DELIVERY shall refer to gas tendered to the Customer by the Company at the Customer's specified location. The normal unit of measurement is the Mcf.

USE/USAGE shall refer to gas actually consumed by the Customer at the specified location as measured by the Company's meter in Mcf.

DEFICIENT DELIVERIES shall refer to occurrences in which the Customer uses more gas than the quantity of transportation gas tendered by the Company for delivery.

EXCESS DELIVERIES shall refer to occurrences in which the Customer uses less than the quantity of gas tendered by the Company for delivery.

1.3 VOLUME ADJUSTMENT. The quantity of transportation gas received into the Company's distribution system for the Customer's account shall be: (a) reduced by 2.8% for system losses; and (b) adjusted for thermal correction determined by dividing the daily average Btu content per cubic foot of gas for the Company's system by a reference Btu content of 1,000 Btu per cubic foot. Where the transported gas can be delivered directly to the Customer without commingling with other system supplies, no reduction for system losses shall be made, and the thermal correction shall be based on the daily average Btu content of the pipeline to which the Customer is directly connected. (I)

1.4 SUPPLY COST ADJUSTMENT. If the Company incurs any added gas supply cost in order to provide transportation service by displacement, or for other reasons, such additional cost will be charged to the Customer. Displacement occurs when a Customer, who is directly connected to one of the Company's pipeline suppliers, arranges for receipt of transportation gas on another pipeline to which the Customer is not directly connected. Revenues received by the Company in payment for added gas supply cost will be credited to firm sales Customers through the annual Sales Service Costs reconciliation (Section 1307[f]).

1.5 SERVICE AGREEMENT. The Customer will be required to execute a Transportation Service Agreement which will specify an initial Transportation Contract Quantity (TCQ) to be the maximum daily volume of gas, expressed in Mcf net of system losses where applicable, to be transported and delivered to the Customer. The agreement will also specify delivery locations, the election of Standby Sales Service, the commodity charge to be in effect for the term of the agreement, and any special provisions for service. The standard term for a Transportation Service Agreement shall be twelve months, unless the Company and the Customer agree to a shorter or longer term.

The TCQ shall not exceed the lower of (a) the capacity of the Company's metering and regulating equipment at the Customer's location; or (b) 110% of the maximum daily usage of the Customer during the twelve-month period prior to the execution of the Transportation Service Agreement, unless full documentation of new or additional gas usage capability is provided by the Customer. If a Customer chooses to designate an Agent to act on the Customer's behalf for scheduling, dispatching, billing and other administrative aspects of transportation service, such designation shall be made in the Transportation Service Agreement. The designation of an Agent shall not relieve the Customer of ultimate responsibility for payment for service or other obligations incurred under this tariff.

Every November 1 following execution of the Transportation Service Agreement, the Customer's TCQ shall be automatically adjusted by the Company to be 110% of the maximum daily usage of the Customer during the prior twelve-month period if such adjustment would raise or lower the customer TCQ by the higher of either 10 mcf or 10%. The TCQ may also be adjusted by mutual agreement of the Customer and the Company.

(Continued)

(I) Denotes Increase

GAS TRANSPORTATION SERVICE GENERAL TERMS AND CONDITIONS - Continued

(Applicable to: Rate TS-I Gas Transportation Service Interruptible and Rate TS F Gas Transportation Service Firm.)

1.6 BUYER GROUP/LEAD CUSTOMER. A Buyer Group generally consists of up to ten individual Customers who voluntarily join together to obtain either firm or interruptible transportation service. The Company, at its discretion, may require all members of the Buyer Group to execute the same Transportation Service Agreement and make the same elections as to Standby Sales Service. One member of the Buyer Group may be designated by the Company as the Lead Customer who shall be responsible for the timely payment of all bills rendered to the Buyer Group, as well as all day to day dispatch scheduling coordination and administrative communication between the Company and all members of the Buyer Group. A member of one Buyer Group may not be a member of another Buyer Group. Eleven or more individual Customers may form a Buyer Group only upon specific agreement by the Company. Unless otherwise described, the term "Customer" as used throughout these general terms and conditions shall refer to an individual Customer or to a Buyer Group. The Company, at its discretion, may set the maximum Commodity Charge for a Buyer Group at the maximum which any member would be individually required to pay.

1.7 MINIMUM SIZE. The minimum total gas consumption capability required to be eligible for transportation service shall be less than or equal to 5,000 Mcf per year. This minimum shall apply to an individual Customer or to a Buyer Group which, in the aggregate, uses less than or equal to 5,000 Mcf of gas annually.

2. BALANCING PROVISIONS

2.1 GENERAL. Transportation balancing is provided to adjust for the unavoidable minor variations between Customer usage and scheduled deliveries, and is not intended to function as a storage service or a standby sales service. Each Customer shall use best efforts to balance deliveries and usage at all times.

2.2 INTERRUPTED RECEIPTS. On days when no transportation gas is received for the Customer's account, all gas used by the Customer shall be billed as a purchase from the Company. For Customers which have elected Standby Sales Service, the usage shall be billed at the applicable rate. For Customers which have not elected Standby Sales Service, the usage shall be billed at the sum of the Variable Distribution Charge, Commodity Charge, Balancing Service Cost ("BSC") and, the Gas Cost Adjustment Charge ("GCA") of Rate GC and a penalty charge based on the following: for the period November 1 through March 31, the applicable penalty for unauthorized use is the greater of (a) \$75 per Mcf, or (b) the market rate as defined below for the cost of gas plus \$25 per Mcf. For the period April 1 through October 31, the applicable penalty for unauthorized use is the greater of (a) \$25 per Mcf or (b) the market rate as defined below for the cost of gas plus \$10 per Mcf. Excess deliveries already being held for the Customer at the time of interruption will be tendered for delivery when transportation receipts resume. If the interruption of receipts continues for more than thirty days, the Company will tender excess deliveries as soon as practicable subject to operating and gas procurement considerations.

The term "market rate" shall mean the Monthly Weighted Price (MWP) which is applied to all unauthorized gas volumes. The MWP shall be calculated by first dividing the daily unauthorized usage (in Mcf) by the total monthly unauthorized usage (in Mcf) for each day of the calendar month when unauthorized usage occurs. This results in the daily weighting factor for each day of the calendar month when unauthorized usage occurs. Subsequently, each daily weighting factor is multiplied by the greater of a) the Midpoint of Transco, Zone 6, non-NY North Daily rate for such unauthorized usage day; or b) the Midpoint Texas Eastern M3 Daily rate for such unauthorized usage day as reported in the Daily Price Survey published by Platts McGraw Hill Gas Daily or its successors, resulting in a daily weighted price. (In the event that Platts McGraw Hill Gas Daily or its successors ceases to publish these two indices, PECO will propose a reasonable substitute to the Commission.) All of the daily weighted prices for a particular calendar month are summed and the result is equal to the MWP.

2.3 BALANCING CHARGE. A **\$0.0176** per Mcf balancing charge shall be imposed on all transportation deliveries in a billing month. The Balancing Charge shall be reviewed and adjusted annually, as necessary, effective December 1 subject to approval of the new charge in the Company's annual purchased gas cost filing under 66 Pa. C.S. § 1307(f) **(D)**

2.4 ALLOWABLE DAILY VARIATION. In order to minimize the effect of transportation imbalances on the operation of the system, the allowable daily variation between delivered quantities and Customer usage is ten percent of the TCQ.

If a Customer exceeds these limits, the Company shall: (a) in the case of excess deliveries, impose a \$0.25 per Mcf penalty charge on that portion of daily excess deliveries greater than the allowable daily variation and have the right to limit the receipt of Gas Transportation if a customer has excess deliveries greater than the allowable daily variation (b) in the case of deficient deliveries, have the right to bill such deficiency as a purchase from the Company. For Customers which have elected Standby Sales Service, the deficiency shall be billed at the applicable rate. For Customers which have not elected Standby Sales Service, the deficiency shall be billed at the sum of the Variable Distribution Charge, Commodity Charge, Balancing Service Cost ("BSC") and, the Gas Cost Adjustment Charge ("GCA") of Rate GC, and a penalty charge based on the following: for the period November 1 through March 31, the applicable penalty for unauthorized use is the greater of (a) \$75 per Mcf, or (b) the market rate as defined below for the cost of gas plus \$25 per Mcf. For the period April 1 through October 31, the applicable penalty for unauthorized use is the greater of (a) \$25 per Mcf or (b) the market rate as defined below for the cost of gas plus \$10 per Mcf.

The term "market rate" shall mean the Monthly Weighted Price (MWP) which is applied to all unauthorized gas volumes. The MWP shall be calculated by first dividing the daily unauthorized usage (in Mcf) by the total monthly unauthorized usage (in Mcf) for each day of the calendar month when unauthorized usage occurs. This results in the daily weighting factor for each day of the calendar month when unauthorized usage occurs. Subsequently, each daily weighting factor is multiplied by the greater of a) the Midpoint of Transco, Zone 6, Non-NY North Daily rate for such unauthorized usage day; or b) the Midpoint Texas Eastern M3 Daily rate for such unauthorized usage day as reported in the Daily Price Survey published by Platts McGraw Hill Gas Daily or its successors, resulting in a daily weighted price. (In the event that Platts McGraw Hill Gas Daily or its successors ceases to publish these two indices, PECO will propose a reasonable substitute to the Commission.) All of the daily weighted prices for a particular calendar month are summed and the result is equal to the MWP.

(D) Denotes Decrease

PECO Energy Company

GAS CHOICE SUPPLIER COORDINATION TARIFF

COMPANY OFFICE LOCATION

2301 Market Street

Philadelphia, Pennsylvania 19103

Issued: November 28, 2022

Effective: December 1, 2022

ISSUED BY:
Michael A. Innocenzo, President & CEO
PECO Energy Distribution Company
2301 Market Street
Philadelphia, PA. 19103

NOTICE.

PECO Energy Company

LIST OF CHANGES MADE BY THIS SUPPLEMENT

Definition of Terms and Explanation of Abbreviations – 5th Revised Page No. 7

Volume Adjustment – The adjustment for system losses is increased.

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Supplier of Last Resort Service (“SLR” or “Sales Service”) - Natural gas supply service provided by the Company to residential, small commercial, small industrial and essential human needs Customers who: (1) do not choose a Supplier or chose to be served by their supplier of last resort; (2) who are refused service by a Supplier; (3) whose Supplier has defaulted or exited the system; or (4) who return to SLR service after having obtained Competitive Natural Gas Supply.

System Maintenance Order (“SMO”) - operational directives issued by the Company in its sole discretion to protect the operational integrity of its system in terms of line pressure and adequacy of supply, which orders will directly affect the quantity of gas to be delivered on the same gas day or other near-term gas days and may require a Customer or class of Customers, or a Customer’s natural gas supplier or agent, to maintain, decrease or increase the quantity of natural gas delivered to the Company’s system

Tariff - this Natural Gas Supplier Coordination Tariff.

Volume Adjustment - the current adjustable factor applied to all rate classes to account for: a) reduction for system losses of 2.8%; and b) thermal correction, the latter being determined by dividing the daily average Btu content per cubic foot of gas for the Company’s system by a reference Btu content of 1,000 Btu per cubic foot.

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(I) Denotes Increase

PECO ENERGY COMPANY

GAS SERVICE TARIFF

COMPANY OFFICE LOCATION

2301 Market Street
Philadelphia, Pennsylvania 19103

For List of Communities Served, See Page 3.

Issued [November 28, 2022](#)

Effective December 1, 2022

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ISSUED BY: M. A. Innocenzo - President & CEO
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NOTICE.

PECO Energy Company

Supplement No. 16 to
Gas-Pa. P.U.C. No. 4
Fifteenth Revised Page No. 1
Supersedes Fourteenth Revised Page No. 1

LIST OF CHANGES MADE BY THIS SUPPLEMENT

DEFINITION OF TERMS AND EXPLANATION OF ABBREVIATIONS – 2nd Revised Page No. 7

The system losses percentage for the Volume Adjustment is increased.

SALES SERVICE COSTS (SSC) – 7th Revised Page No. 39

The Commodity Charges are decreased. The Gas Cost Adjustment is decreased.

SALES SERVICE COSTS (SSC) – 3rd Revised Page No. 40

The Off-System Sales Sharing Mechanism is extended through November 30, 2025.

MERCHANT FUNCTION CHARGE – 7th Revised Page No. 43 and 7th Revised Page No. 44

The Merchant Function Charges are decreased. The Prices to Compare are decreased.

BALANCING SERVICE COSTS (BSC) – 7th Revised Page No. 45

The Balancing Service Cost is increased.

GAS TRANSPORTATION SERVICE – GENERAL TERMS AND CONDITIONS – 2nd Revised Page No. 67 and 3rd Revised Page No. 68

Section 1.3, Volume Adjustment, the system losses percentage is increased. Section 2.3, the Balancing Charge is decreased.

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Deleted: **CUSTOMER ASSISTANCE PROGRAM (“CAP”) – First Revised Page No. 81** – Updated to reflect changes associated with the implementation of the ¶ Company’s CAP Percentage of Income Payment Plan (“PIPP”). Also, aligns CAP Rider language with Electric Service Tariff. ¶

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Issued November 28, 2022

Effective December 1, 2022

Supplement No 16 to
Gas-Pa. P.U.C. No. 4
Fifteenth Revised Page No. 2

Supersedes ~~Fourteenth~~ Revised Page No. 2

PECO Energy Company

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PECO Energy Company

**Supplement No. 16 to
Gas-Pa. P.U.C. No. 4
Second Revised Page No. 7
Supersedes First Revised Page No. 7**

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Natural Gas Supplier Coordination Tariff – The Tariff, setting forth the basic requirements for interactions and coordination between the Company, as the natural gas distribution company, and Suppliers necessary for maintaining the delivery of Competitive Natural Gas Supply from Suppliers to their Low Volume Transportation Customers under the Company's Gas Choice program.

Principal Office - The Company's Main Office Building located at 2301 Market Street, Philadelphia, Pa. 19103.

Property line - The division line between land held in, or for, private use, and land in which the public or the Company has a right of use; or, the division line between separately owned or occupied land.

Sales Service Cost ("SSC") - Cost of commodity and non-storage interstate pipeline firm transportation capacity to delivery such commodity to the city gate for Low Volume Sales Customers.

Rate - The rates are CAP, GR, GC, OL, L, MV-F, MV-I, IS, TCS, TS-I, TS-F, and NGS or the successors thereto.

Separate NGS Billing ("Dual Billing") – Separate Billing by an NGS of its charges for gas supply service.

Service - The distribution of gas for use by the Customer, including all things done by the Company in connection with such distribution.

Service-Supply Pipe - The pipe extending from the Company's supply main to a metered delivery point or, in the case of installations comprised exclusively of outdoor gas lights, to the first such light.

Summary Billing Accounts - An aggregate bill prepared at the option of the Company for Customers with multiple accounts that are related within the same partnership, association, corporation or governmental agency.

Supplier of Last Resort Service ("SLR Service" or "Sales Service") - Natural gas supply service provided by the Company as supplier-of-last-resort to residential, small commercial, small industrial and essential human needs Customers who: (1) do not choose a Supplier or chose to be served by their supplier of last resort; (2) who are refused service by a Supplier; (3) whose Supplier has defaulted or exited the system; or (4) who return to SLR service after having obtained Competitive Natural Gas Supply.

System Maintenance Order ("SMO") – operational directive issued by the Company in its sole discretion to protect the operational integrity of its systems in terms of line pressure and adequacy of supply, which orders directly affect the quantity of gas to be delivered on the same gas day or other near-term gas days and may require a Customer or class of Customers, or a Customer's natural gas supplier or agent, to maintain, decrease or increase the quantity of natural gas delivered to the Company's system.

Tariff – This Gas Service Tariff comprising the rates, rules and regulations that apply to the distribution of natural gas, including all things done by the Company in connection with such distribution and/or the supply of natural gas under Supplier of Last Resort (Sales) Service.

Transportation Service – Natural gas supply service provided to HVT Customers, by an alternative Natural Gas Supplier as further detailed in Rule 1.1 of the Gas Transportation Service General Terms and Conditions Section of this Tariff.

Variable Distribution Service Charge – The variable charges on a Mcf basis for the provision of unbundled distribution service, including all things done by the Company in connection with such distribution service.

Volume Adjustment - the current adjustable factor applied to all rate classes to account for: a) reduction for system losses of 2.8% (l) and b) thermal correction, the latter being determined by dividing the daily average Btu content per cubic foot of gas for the Company's system by a reference Btu content of 1,000 Btu per cubic foot.

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Issued November 28, 2022

Effective December 1, 2022

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PECO Energy Company

SALES SERVICE COSTS (SSC) - Section 1307(f)

PROVISIONS FOR RECOVERY OF GAS COSTS RELATED TO SALES SERVICE

Rates for all Sales Service gas supplied under Rate Schedules GR, CAP, GC, OL, L and MV-F of this Tariff shall include the Commodity Charge (CC) at ~~\$7.1066~~ per Mcf (1,000 cubic feet) for Rate Schedules GR and CAP, ~~\$7.0826~~ per Mcf for Rate Schedules GC and ~~\$7.0790~~. (D) per Mcf for Rate Schedules OL, L and MV-F for recovery of gas costs related to Sales Service, calculated in the manner set forth below, pursuant to Section 1307(f) of the Public Utility Code as well as procurement costs as reflected in the Gas Procurement Charge ("GPC") and uncollectable charge-offs as reflected in the Merchant Function Charge ("MFC"). In addition, the Gas Cost Adjustment Charge (GCA) in the amount of ~~\$0.2061~~ per Mcf will be applicable to customers served under the above mentioned Rate Schedules. Such rates for Sales (D) Service gas shall be increased or decreased, from time to time, as provided by Section 1307(f) of the Public Utility Code and the Commission's regulations, to reflect changes in the level of recovery of gas costs related to Sales Service.

COMPUTATION OF CC AND GCA PER MCF.

The CC and GCA, per Mcf, shall be computed to the nearest one-hundredth cent (0.01¢) in accordance with the formulas set forth below:

$$CC = \frac{(C)}{(S)} \times \frac{1}{(1-T)} + GPC + MFC ; \text{ and}$$

$$GCA = \frac{(E)}{(S)} \times \frac{1}{(1-T)}$$

For March 1, June 1 and September 1 quarterly updates, CC is revised to:

$$CC = (CC1 + \frac{O + C1}{S1 S2} \times \frac{1}{(1-T)}) + GPC + MFC$$

The CC and GCA so computed, shall be applicable to Customers receiving Sales Service pursuant to the rate schedules identified above. The CC and GCA, per Mcf, will vary, if appropriate, based upon annual filings by the Company pursuant to Section 1307(f) of the Public Utility Code and such supplemental filings as may be required or be appropriate under Section 1307(f) or the Commission's regulations adopted pursuant thereto.

In computing the Charges, per Mcf, pursuant to the formulas above, the following definitions shall apply:

"CC" - Purchased Gas Costs determined to the nearest one-hundredth cent (0.01¢) to be charged for each Mcf of Sales Service gas supplied under Rate Schedules GR, CAP, GC, OL, L and MV-F of this Tariff.

"C" - Cost in dollars: (a) for all types of purchased gas, project the commodity and all non-storage interstate pipeline costs for each purchase (adjusted for net current gas stored) for the projected period when rates will be in effect; plus (b) the cost of gas provided from storage and LNG facilities, less (c) the new monthly cash-out result determined pursuant to Rule 10.11.3, or the successor thereto, of the Gas Choice Supplier Coordination Tariff.

"C1" - defined as the difference between the current projection of "C" and the projection of "C" used to establish the rates effective December 1 for the period starting with the month of the effective date of the quarterly rate change through the end of the PGC period.

"CC1" - defined as the Commodity Charge rate effective December 1 of the current PGC period.

"O" - defined as the difference between the current net over/under collections and the associated projected net over/under collections from the applicable PGC rate calculation, as defined by Commodity Charge revenues less associated gas costs, from December 1 of the current PGC year through the end of the month before the applicable quarterly rate change.

GCA - the "E" factor component of the CC, representing the net overcollection or undercollection of Purchased Gas Costs. Applicable to Sales Service and determined to the nearest one-hundredth cent (0.01¢) for service provided under Rate Schedules GR, GC, CAP, OL, L, and MV-F of this Tariff.

"E" - the net (overcollection) or undercollection of Purchased Gas Costs applicable to the CC.

The net overcollection or undercollection shall be determined for the most recent period permitted under law, which shall begin with the month following the last month which was included in the previous overcollection or undercollection calculation reflected in rates. The annual filing date shall be the date specified by the Commission for the Company's Section 1307(f) tariff filing.

Supplier refunds received after July 1, 2001 associated with Commodity Charges will be included in the calculation of "E" with interest added at the annual rate of six percent (6%) beginning with the month such refund is received by the Company.

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"GPC" – Gas Procurement Charge determined to the nearest one-hundredth cent (0.01¢) to be charged for each Mcf of Sales Service gas supplied under Rate Schedules GR, CAP, GC, OL, L, and MV-F of this Tariff.

"MFC" – Merchant Function Charge determined to the nearest one hundredth cent (0.01¢) to be charged for each Mcf of Sales Services gas supplied under Rate Schedules GR, CAP, GC, OL, L and MV-F of this Tariff.

Each overcollection or undercollection statement shall also provide for refund or recovery of amounts necessary to adjust for overrecovery or underrecovery of "E" factor amounts under the previous 1307(f) GCA.

Interest shall be computed monthly at the prime rate for commercial borrowing in effect sixty days prior to the tariff filing in accordance with Section 1307(f) of the Public Utility Code as modified by PA Act 47. The interest rate will be based on that reported in the Wall Street Journal. Interest will be computed from the month that the overcollection or undercollection occurs to the effective month such overcollection is refunded or undercollection is recouped. The interest rate basis will become effective with the December 2016 billing cycle

"S" projected Mcf of gas to be billed to Customers receiving Sales Service under Rate Schedules GR, GC, CAP, OL, L & and MV-F during the projected period when rates will be in effect.

"S1" - defined as the applicable twelve month mcf sales billed to customers receiving Sales Service under Rate Schedules GR, GC, CAP, OL, L, and MV-F.

"S2" – defined as mcf sales billed to customers receiving Sales Service under Rate Schedules GR, GC, CAP, OL, L, and MV-F and for the period starting with the month of the effective date of the quarterly rate change through the end of the PGC period.

"T" the portion of any applicable state gross receipts tax rate recovered through base rates, expressed as a decimal. The tax rate, if any, shall be the one in effect when the computation is made.

"Purchased Gas Costs" - Include the direct costs paid by the Company for the purchase and delivery of natural gas (which also includes liquefied natural gas, synthetic natural gas, and natural gas substitutes, excluding propane, the cost of which is included in the Balancing Service Costs) to its system to supply its Customers (plus such portion of the Company's used and unaccounted for gas as the Commission permits), including costs paid under agreements to purchase natural gas from sellers; costs paid for transporting natural gas to its system; all charges, fees, taxes and rates paid in connection with such purchases, pipeline gathering, and transportation; and costs paid for employing futures, options and other risk management tools.

QUARTERLY UPDATES

The Company's rates for recovery of gas costs related to Sales Service are also subject to quarterly adjustments under procedures set forth in Section 1307 (f) of the Public Utility Code and in the Commission's regulations. Such updates shall reflect, adjustments for under or overcollections and, adjustments to the projected cost of gas related to Sales Service based upon more current versions of the same sources of data and using the same methods to project the gas costs related to Sales Service approved by the Commission in the Company's most recent annual proceeding for recovery of gas costs related to Sales Service under section 1307 (f).

OFF-SYSTEM SALES SHARING MECHANISM

The rate for Sales Service gas as determined above shall be adjusted to reflect the operation of the off-system sales sharing mechanism set forth herein. Revenues received by PECO Energy from third party storage management services and revenues from exchanges or swaps of gas, excluding the Customer's share of such revenue attributable to use or management of storage or related storage transportation capacity by customers not connected to the Company's system (which revenue shall be included in the Balancing Service Costs E factor, shall be included as off-system sales revenues). Effective April 1, 2001 through March 30, 2008, PECO Energy will be permitted to retain 25% of off system sales margin revenues up to the first \$3.5 million in margin revenues, and PECO Energy will be permitted to retain 30% of off system sales margin revenues for margin revenues over \$3.5 million. Subsequently, effective March 31, 2008 through November 30, 2025, and thereafter, until (C) terminated or otherwise revised by Final Order of the Commission, PECO Energy will be permitted to retain 25% of off-system sales margin revenues. PECO Energy's share shall be computed on a pre-income tax basis, "below the line" for ratemaking purposes. The remaining off-system sales margin will be credited to the recovery of purchased gas costs. Margin revenues derived from sales of gas which is taken from system supply are defined as the unit revenue less the monthly weighted average commodity cost of gas, less any applicable taxes other than income taxes. Margin revenues derived from specific purchase sales (sales where a specific gas supply has been purchased to make a sale) shall be defined as the unit revenue less the specific purchase commodity cost of gas, less any applicable taxes other than income taxes. Specific purchase sales will have no impact on the cost of system supply. Off-system sales for operational purposes such as for meeting mandatory storage withdrawals are excluded from the mechanism. The calculations under this mechanism shall be subject to audit and to review in annual 1307(f) proceedings.

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Issued November 28, 2022

Effective December 1, 2022

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MERCHANT FUNCTION CHARGE

PROVISIONS FOR RECOVERY OF MERCHANT FUNCTION CHARGES

Rates for all Sales Service gas supplied under Rate Schedules GR, CAP GC, OL, L and MV-F shall include the Merchant Function Charge ("MFC") at ~~\$0.0318~~, per Mcf (1,000 cubic feet) for Rate Schedules GR and CAP, at ~~\$0.0078~~, per Mcf for Rate Schedule GC and at ~~\$0.0042~~, per Mcf for Rate Schedules OL, L and MV-F for recovery of gas uncollectible charge-offs related to Sales Service, calculated in the manner set forth below and pursuant to the Final Order at Docket No. P-2012-2328614 and at Docket No. R-2020-3018929. The MFC will be included in the Company's Commodity Charge ("CC") and the Price to Compare ("PTC") and shall be updated quarterly in conjunction with the calculation of the CC.

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COMPUTATION OF MERCHANT FUNCTION CHARGE

The MFC shall include uncollectible charge-offs incurred by the Company on behalf of its Sales Service customers and calculated for Rate Schedules GR, CAP, GC, OL, L and MV-F. The MFC shall be computed as follows:

$$MFC = \text{Write-Off Factor} \times CCEMFC \times 1 / (1 - T)$$

"Write-Off Factor" - the write-off factors for Rate Schedules GR and CAP (**0.45%**), Rate Schedule GC (**0.11%**) and Rate Schedules OL, L and MV-F (**0.06%**) as determined at Docket No R-2020-3018929, the Company's 2020 gas base rate case. The write-off factors shall be updated as part of future base rate cases.

"CCEMFC" - the applicable quarterly CC including the GPC and excluding the MFC.

"T" - the portion of any applicable state gross receipts tax rate recovered through base rates, expressed as a decimal. The tax rate, if any, shall be the one in effect when the computation is made.

The calculation of the MFC shall be updated in conjunction with changes in the CC including the GPC and excluding the MFC and updates in the write-off factors. The MFC shall not be subject to reconciliation for any prior period over or under collections.

PRICE TO COMPARE

The Price to Compare ("PTC") is comprised of the Commodity Charge ("CC"), the Gas Cost Adjustment ("GCA"), the Gas Procurement Charge ("GPC") and the Merchant Function Charge ("MFC"). The Commodity Charge includes the Gas Procurement Charge and the Merchant Function Charge. The PTC will change whenever any components of the PTC change. The current PTC's are detailed below:

COMPONENT

Commodity Charge excluding GPC and MFC
 Gas Cost Adjustment
 Gas Procurement Charge
 Merchant Function Charge
 Price to Compare

RATES GR and CAP

~~\$7.0529~~ per Mcf (D)
~~\$0.2061~~ per Mcf (D)
~~\$0.0219~~ per Mcf (D)
~~\$0.0318~~ per Mcf (D)
~~\$7.3127~~ per Mcf (D)

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COMPONENT

Commodity Charge excluding GPC and MFC
 Gas Cost Adjustment
 Gas Procurement Charge
 Merchant Function Charge
 Price to Compare

RATES GC

~~\$7.0529~~ per Mcf (D)
~~\$0.2061~~ per Mcf (D)
~~\$0.0219~~ per Mcf (D)
~~\$0.0078~~ per Mcf (D)
~~\$7.2887~~ per Mcf (D)

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PECO Energy Company

Supplement No. ~~16~~ to
Gas-Pa. P.U.C. No. 4
~~Seventh~~ Revised Page No. 44
Supersedes ~~Sixth~~ Revised Page No. 44

COMPONENT

Commodity Charge excluding GPC
and MFC
Gas Cost Adjustment
Gas Procurement Charge
Merchant Function Charge
Price to Compare

RATES OL, L and MV-F

~~\$7.0529~~ per Mcf (D)
\$0.2061 per Mcf (D)
\$0.0219 per Mcf (D)
~~\$0.0042~~ per Mcf (D)
~~\$7.2851~~ per Mcf (D)

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Issued ~~November 28,~~ 2022

Effective ~~December 1,~~ 2022

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BALANCING SERVICE COSTS (BSC)- Section 1307(f)

PROVISIONS FOR RECOVERY OF BALANCING SERVICE COSTS.

Rates for Balancing Service for all gas delivered under Rate Schedules GR, CAP, GC, OL, L and MV-F of this Tariff shall be charged at \$0.5625 per Mcf (1,000 cubic feet) for recovery of those costs, calculated in the manner set forth below, pursuant to Section 1307(f) of the Public Utility Code. Such rates for Balancing Service shall be increased or decreased, from time to time, as provided by Section 1307(f) of the Public Utility Code and the Commission's regulations, to reflect changes in the level of recovery of Balancing Service Costs.

COMPUTATION OF BALANCING SERVICE COSTS PER MCF

Balancing Service Costs, per Mcf, shall be computed to the nearest one-hundredth cent (0.01¢) in accordance with the formula set forth below:

$$BSC = \frac{(C - E)}{(S)} \times \frac{1}{(1 - T)}$$

For March 1, June 1 and September 1 quarterly updates, the BSC is revised to:

$$BSC = (CC1 + \frac{Q}{S1} + \frac{C1 - E}{S1}) \times \frac{1}{(1 - T)}$$

Projected Balancing Service Costs, so computed, shall be charged to Customers for all gas delivered pursuant to the rate schedules identified above. The amount of those costs, per Mcf, will vary, if appropriate, based upon annual filings by the Company pursuant to Section 1307(f) of the Public Utility Code and such supplemental filings as may be required or be appropriate under Section 1307(f) or the Commission's regulations adopted pursuant thereto.

In computing the Balancing Service Costs, per Mcf, pursuant to the formula above, the following definitions shall apply:

"BSC" - Balancing Service Costs determined to the nearest one-hundredth cent (0.01¢) to be charged to each Mcf of gas delivered under Rate Schedules GR, CAP, GC, OL, L and MV-F of this Tariff.

"C" - Cost in dollars: for all types of storage and related services, project the cost for the projected period when rates will be in effect.

"C1" - defined as the difference between the current projection of "C" and the projection of "C" used to establish the rates effective December 1 for the period starting with the month of the effective date of the quarterly rate change through the end of the PGC period.

"CC1" - defined as the rate associated with "C" effective December 1 of the current PGC period.

"O" - defined as the difference between the current net over/under collections and the associated projected net over/under collections from the applicable PGC rate calculation, as defined by storage and related services revenues less associated storage and related services costs from December 1 of the current PGC year through the end of the month before the applicable quarterly rate change.

"E" - the net overcollection or undercollection of Balancing Service Costs.

The net overcollection or undercollection shall be determined for the most recent period permitted under law, which shall begin with the month following the last month which was included in the previous overcollection or undercollection calculation reflected in rates. The annual filing date shall be the date specified by the Commission for the Company's Section 1307(f) tariff filing.

Each overcollection or undercollection statement shall also provide for refund or recovery of amounts necessary to adjust for overrecovery or underrecovery of "E" factor amounts under the previous Balancing Service Costs Rate.

Interest shall be computed monthly at the prime rate for commercial borrowing in effect sixty days prior to the tariff filing in accordance with Section 1307(f) of the Public Utility Code as modified by PA Act 47. The interest rate will be based on that reported in the Wall Street Journal. Interest will be computed from the month that the overcollection or undercollection occurs to the effective month such overcollection is refunded or undercollection is recouped. The interest rate basis will become effective with the December 2016 billing cycle.

As otherwise described in the Sales Service Costs section "Off-System Sales Sharing Mechanisms", the portion of margin revenue attributable to certain balancing assets shall be included in the calculation of "E".

Supplier refunds received prior to July 1, 2001 will be included in the calculation of "E" with interest added at the annual rate of six per cent (6%) beginning with the month such refund is received by the Company.

"S" - projected Mcf of gas to be delivered to Customers during the projected period when rates will be in effect.

"S1" - defined as the applicable twelve month mcf of gas to be delivered to customers.

"T" - the portion of any applicable state gross receipts tax rate recovered through base rates, expressed as a decimal. The tax rate, if any, shall be the one in effect when the computation is made.

"S2" - defined as mcf sales delivered to customers for the period starting with the month of the effective date of the quarterly rate change through the end of the PGC period.

"T" - the portion of any applicable state gross receipts tax rate recovered through base rates, expressed as a decimal. The tax rate, if any, shall be the one in effect when the computation is made.

Balancing Service Costs - fixed and variable storage costs and the cost of propane to be charged to all customers served under Rate Schedules GR, CAP, GC, OL, L, and MV-F of this Tariff.

GR, CAP, GC, OL, L, and MV-F of this Tariff.

QUARTERLY UPDATES

The Company's rates for recovery of Balancing Service Costs are also subject to quarterly adjustments under procedures set forth in the Commission's regulations at 52.Pa. Code 53.64 (1) (5). Such updates shall reflect adjustments for under or over collections and adjustments to the projected cost of Balancing Services based upon more current versions of the same sources of data and using the same methods to project the Balancing Service Costs approved by the Commission in the Company's most annual proceeding for recovery of Balancing Service Costs under section 1307 (f) of the Public Utility Code.

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Issued November 28, 2022

Effective December 1, 2022

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GAS TRANSPORTATION SERVICE - GENERAL TERMS AND CONDITIONS

(Applicable to: Rate TS-I Gas Transportation Service-Interruptible and Rate TS-F Gas Transportation Service-Firm.)

1. TRANSPORTATION SERVICE

1.1 GENERAL. Transportation service shall consist of: the receipt of gas on behalf of a Customer; the transportation of gas through the Company's distribution facilities; and the delivery of equivalent quantities of gas to the Customer, adjusted for thermal correction and system losses where applicable.

Transportation service may also include Standby Sales Service to permit purchases of gas under one of the Company's retail sales rate schedules.

1.2 TERMS DEFINED. The following definitions shall apply throughout the transportation portion of this tariff:

RECEIVED/RECEIPT shall refer to gas tendered to the Company for the Customer's account at one or more of the interconnections between the Company and its interstate pipeline suppliers, or other specified location. The normal unit of measurement is the dekatherm or mmBtu.

DELIVERED/DELIVERY shall refer to gas tendered to the Customer by the Company at the Customer's specified location. The normal unit of measurement is the Mcf.

USE/USAGE shall refer to gas actually consumed by the Customer at the specified location as measured by the Company's meter in Mcf.

DEFICIENT DELIVERIES shall refer to occurrences in which the Customer uses more gas than the quantity of transportation gas tendered by the Company for delivery.

EXCESS DELIVERIES shall refer to occurrences in which the Customer uses less than the quantity of gas tendered by the Company for delivery.

1.3 VOLUME ADJUSTMENT. The quantity of transportation gas received into the Company's distribution system for the Customer's account shall be: (a) reduced by 2.8% for system losses; and (b) adjusted for thermal correction determined by dividing the daily average Btu content per cubic foot of gas for the Company's system by a reference Btu content of 1,000 Btu per cubic foot. Where the transported gas can be delivered directly to the Customer without commingling with other system supplies, no reduction for system losses shall be made, and the thermal correction shall be based on the daily average Btu content of the pipeline to which the Customer is directly connected. (l)

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1.4 SUPPLY COST ADJUSTMENT. If the Company incurs any added gas supply cost in order to provide transportation service by displacement, or for other reasons, such additional cost will be charged to the Customer. Displacement occurs when a Customer, who is directly connected to one of the Company's pipeline suppliers, arranges for receipt of transportation gas on another pipeline to which the Customer is not directly connected. Revenues received by the Company in payment for added gas supply cost will be credited to firm sales Customers through the annual Sales Service Costs reconciliation (Section 1307ff).

1.5 SERVICE AGREEMENT. The Customer will be required to execute a Transportation Service Agreement which will specify an initial Transportation Contract Quantity (TCQ) to be the maximum daily volume of gas, expressed in Mcf net of system losses where applicable, to be transported and delivered to the Customer. The agreement will also specify delivery locations, the election of Standby Sales Service, the commodity charge to be in effect for the term of the agreement, and any special provisions for service. The standard term for a Transportation Service Agreement shall be twelve months, unless the Company and the Customer agree to a shorter or longer term.

The TCQ shall not exceed the lower of (a) the capacity of the Company's metering and regulating equipment at the Customer's location; or (b) 110% of the maximum daily usage of the Customer during the twelve-month period prior to the execution of the Transportation Service Agreement, unless full documentation of new or additional gas usage capability is provided by the Customer. If a Customer chooses to designate an Agent to act on the Customer's behalf for scheduling, dispatching, billing and other administrative aspects of transportation service, such designation shall be made in the Transportation Service Agreement. The designation of an Agent shall not relieve the Customer of ultimate responsibility for payment for service or other obligations incurred under this tariff.

Every November 1 following execution of the Transportation Service Agreement, the Customer's TCQ shall be automatically adjusted by the Company to be 110% of the maximum daily usage of the Customer during the prior twelve-month period if such adjustment would raise or lower the customer TCQ by the higher of either 10 mcf or 10%. The TCQ may also be adjusted by mutual agreement of the Customer and the Company.

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GAS TRANSPORTATION SERVICE GENERAL TERMS AND CONDITIONS - Continued

(Applicable to: Rate TS-I Gas Transportation Service Interruptible and Rate TS F Gas Transportation Service Firm.)

1.6 BUYER GROUP/LEAD CUSTOMER. A Buyer Group generally consists of up to ten individual Customers who voluntarily join together to obtain either firm or interruptible transportation service. The Company, at its discretion, may require all members of the Buyer Group to execute the same Transportation Service Agreement and make the same elections as to Standby Sales Service. One member of the Buyer Group may be designated by the Company as the Lead Customer who shall be responsible for the timely payment of all bills rendered to the Buyer Group, as well as all day to day dispatch scheduling coordination and administrative communication between the Company and all members of the Buyer Group. A member of one Buyer Group may not be a member of another Buyer Group. Eleven or more individual Customers may form a Buyer Group only upon specific agreement by the Company. Unless otherwise described, the term "Customer" as used throughout these general terms and conditions shall refer to an individual Customer or to a Buyer Group. The Company, at its discretion, may set the maximum Commodity Charge for a Buyer Group at the maximum which any member would be individually required to pay.

1.7 MINIMUM SIZE. The minimum total gas consumption capability required to be eligible for transportation service shall be less than or equal to 5,000 Mcf per year. This minimum shall apply to an individual Customer or to a Buyer Group which, in the aggregate, uses less than or equal to 5,000 Mcf of gas annually.

2. BALANCING PROVISIONS

2.1 GENERAL. Transportation balancing is provided to adjust for the unavoidable minor variations between Customer usage and scheduled deliveries, and is not intended to function as a storage service or a standby sales service. Each Customer shall use best efforts to balance deliveries and usage at all times.

2.2 INTERRUPTED RECEIPTS. On days when no transportation gas is received for the Customer's account, all gas used by the Customer shall be billed as a purchase from the Company. For Customers which have elected Standby Sales Service, the usage shall be billed at the applicable rate. For Customers which have not elected Standby Sales Service, the usage shall be billed at the sum of the Variable Distribution Charge, Commodity Charge, Balancing Service Cost ("BSC") and, the Gas Cost Adjustment Charge ("GCA") of Rate GC and a penalty charge based on the following: for the period November 1 through March 31, the applicable penalty for unauthorized use is the greater of (a) \$75 per Mcf, or (b) the market rate as defined below for the cost of gas plus \$25 per Mcf. For the period April 1 through October 31, the applicable penalty for unauthorized use is the greater of (a) \$25 per Mcf or (b) the market rate as defined below for the cost of gas plus \$10 per Mcf. Excess deliveries already being held for the Customer at the time of interruption will be tendered for delivery when transportation receipts resume. If the interruption of receipts continues for more than thirty days, the Company will tender excess deliveries as soon as practicable subject to operating and gas procurement considerations.

The term "market rate" shall mean the Monthly Weighted Price (MWP) which is applied to all unauthorized gas volumes. The MWP shall be calculated by first dividing the daily unauthorized usage (in Mcf) by the total monthly unauthorized usage (in Mcf) for each day of the calendar month when unauthorized usage occurs. This results in the daily weighting factor for each day of the calendar month when unauthorized usage occurs. Subsequently, each daily weighting factor is multiplied by the greater of a) the Midpoint of Transco, Zone 6, non-NY North Daily rate for such unauthorized usage day; or b) the Midpoint Texas Eastern M3 Daily rate for such unauthorized usage day as reported in the Daily Price Survey published by Platts McGraw Hill Gas Daily or its successors, resulting in a daily weighted price. (In the event that Platts McGraw Hill Gas Daily or its successors ceases to publish these two indices, PECO will propose a reasonable substitute to the Commission.) All of the daily weighted prices for a particular calendar month are summed and the result is equal to the MWP.

2.3 BALANCING CHARGE. A ~~\$0.0176~~ per Mcf balancing charge shall be imposed on all transportation deliveries in a billing month. The Balancing Charge shall be reviewed and adjusted annually, as necessary, effective December 1 subject to approval of the new charge in the Company's annual purchased gas cost filing under 66 Pa. C.S. § 1307(f)

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2.4 ALLOWABLE DAILY VARIATION. In order to minimize the effect of transportation imbalances on the operation of the system, the allowable daily variation between delivered quantities and Customer usage is ten percent of the TCC.

If a Customer exceeds these limits, the Company shall: (a) in the case of excess deliveries, impose a \$0.25 per Mcf penalty charge on that portion of daily excess deliveries greater than the allowable daily variation and have the right to limit the receipt of Gas Transportation if a customer has excess deliveries greater than the allowable daily variation (b) in the case of deficient deliveries, have the right to bill such deficiency as a purchase from the Company. For Customers which have elected Standby Sales Service, the deficiency shall be billed at the applicable rate. For Customers which have not elected Standby Sales Service, the deficiency shall be billed at the sum of the Variable Distribution Charge, Commodity Charge, Balancing Service Cost ("BSC") and, the Gas Cost Adjustment Charge ("GCA") of Rate GC, and a penalty charge based on the following: for the period November 1 through March 31, the applicable penalty for unauthorized use is the greater of (a) \$75 per Mcf, or (b) the market rate as defined below for the cost of gas plus \$25 per Mcf. For the period April 1 through October 31, the applicable penalty for unauthorized use is the greater of (a) \$25 per Mcf or (b) the market rate as defined below for the cost of gas plus \$10 per Mcf.

The term "market rate" shall mean the Monthly Weighted Price (MWP) which is applied to all unauthorized gas volumes. The MWP shall be calculated by first dividing the daily unauthorized usage (in Mcf) by the total monthly unauthorized usage (in Mcf) for each day of the calendar month when unauthorized usage occurs. This results in the daily weighting factor for each day of the calendar month when unauthorized usage occurs. Subsequently, each daily weighting factor is multiplied by the greater of a) the Midpoint of Transco, Zone 6, Non-NY North Daily rate for such unauthorized usage day; or b) the Midpoint Texas Eastern M3 Daily rate for such unauthorized usage day as reported in the Daily Price Survey published by Platts McGraw Hill Gas Daily or its successors, resulting in a daily weighted price. (In the event that Platts McGraw Hill Gas Daily or its successors ceases to publish these two indices, PECO will propose a reasonable substitute to the Commission.) All of the daily weighted prices for a particular calendar month are summed and the result is equal to the MWP.

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Issued November 28, 2022

Effective December 1, 2022

Supplement No ~~9~~ to
Tariff Gas PaPUC No. 2S

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PECO Energy Company
GAS CHOICE SUPPLIER COORDINATION TARIFF

COMPANY OFFICE LOCATION

2301 Market Street
Philadelphia, Pennsylvania 19103

Issued: November ~~28~~, 2022

Effective: ~~December 1~~, 2022

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ISSUED BY:
Michael A. Innocenzo, President & CEO
PECO Energy Distribution Company
2301 Market Street
Philadelphia, PA. 19103

NOTICE.

PECO Energy Company

Supplement No. 9 To
Tariff Gas PaPUC No. 2S
Eighth Revised Page No. 1
Supersedes Seventh Revised Page No. 1

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LIST OF CHANGES MADE BY THIS SUPPLEMENT

Definition of Terms and Explanation of Abbreviations – 5th Revised Page No. 7

Volume Adjustment – The adjustment for system losses is increased.

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Update to rule 10.11.3.3. Replaced references to Natural Gas Week with references to Platts or an alternative publication as chosen by the Company.

¶

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Purchase Of Receivable (POR) percentages in Rule 11.11.2.2.h have been updated.

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Issued November 28, 2022

Effective December 1, 2022

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Supplement No. 9 To
Gas PaPUC No. 2S

Seventh Revised Page No. 2

Supersedes Sixth Revised Page No. 2

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Supplement No. 9 To
Tariff Gas Pa PUC No. 2S
Fifth Revised Page No. 7

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Supplier of Last Resort Service ("SLR" or "Sales Service") - Natural gas supply service provided by the Company to residential, small commercial, small industrial and essential human needs Customers who: (1) do not choose a Supplier or chose to be served by their supplier of last resort; (2) who are refused service by a Supplier; (3) whose Supplier has defaulted or exited the system; or (4) who return to SLR service after having obtained Competitive Natural Gas Supply.

System Maintenance Order ("SMO") - operational directives issued by the Company in its sole discretion to protect the operational integrity of its system in terms of line pressure and adequacy of supply, which orders will directly affect the quantity of gas to be delivered on the same gas day or other near-term gas days and may require a Customer or class of Customers, or a Customer's natural gas supplier or agent, to maintain, decrease or increase the quantity of natural gas delivered to the Company's system

Tariff - this Natural Gas Supplier Coordination Tariff.

Volume Adjustment - the current adjustable factor applied to all rate classes to account for: a) reduction for system losses of 2.8%; and b) thermal correction, the latter being determined by dividing the daily average Btu content per cubic foot of gas for the Company's system by a reference Btu content of 1,000 Btu per cubic foot.

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Attachment A

PGC No. 39 Calculation Including Gas Procurement Charge (GPC) and Merchant Function Charge (MFC)

Application Period : December 1, 2022 through November 30, 2023

Computation Period : December 1, 2022 through November 30, 2023

\$/Mcf

		<u>Rates GR and CAP</u>	<u>Rate GC</u>	<u>Rates OL, L and MV-F</u>
CC Including GPC	Attachment B, Page 1	\$7.0748	\$7.0748	\$7.0748
x				
Write-Off Factor (a)		0.45%	0.11%	0.06%
=				
MFC		<u>\$0.0318</u>	<u>\$0.0078</u>	<u>\$0.0042</u>
CC Including GPC and MFC		\$7.1066	\$7.0826	\$7.0790
GCA	Attachment B, Page 1	\$0.2061	\$0.2061	\$0.2061
BSC	Attachment C, Page 1	<u>\$0.5625</u>	<u>\$0.5625</u>	<u>\$0.5625</u>
Total PGC		\$7.8752	\$7.8512	\$7.8476

(a) From Docket No. R-2020-3018929, the 2020 PECO Gas Distribution Base Rate Case.

Attachment B

Computation of Sales Service Cost Adjustment No. 39
Application and Computation Period : 12 Months
December 1, 2022 Through November 30, 2023

1. Projected Commodity Charge Excluding Gas Procurement Charge (GPC) GPC From Docket No. R-2020-3018929	\$458,559,701	Pg. 2	\$7.0529 /Mcf <u>\$0.0219</u> /Mcf
Total CC = Commodity Charge Including GPC			\$7.0748 /Mcf
2. E = Experienced and Estimated Net Over/(Under)			
a. Commodity Cost Over / (Under)	(\$8,842,210)	Pg. 2	(\$0.1888) /Mcf
b. Rate IS Profit Monies	(\$3,441)	Pg. 5	(\$0.0001) /Mcf
c. Net Interest on Item a.	(\$354,879)	Pg. 6	(\$0.0075) /Mcf
d. Supplier Refunds (Including Interest)	<u>(\$454,704)</u>	Pg. 8	<u>(\$0.0097)</u> /Mcf
Experienced Net Over/Under Collections - GCA	(\$9,655,234)		(\$0.2061) /Mcf
3. S = Projected Sales for Computation Period CC	65,016,724	mcf	
4. S = Projected Sales for Computation Period GCA	46,837,700	mcf	
GCA Charge / (Credit) to Customers	\$0.2061		/Mcf

Month	Exclusions							Allocation Factor Calculation				
	cost of cgs gas (a)	Cost of Reg IS Cust. Gas (a)	Cost of Indtpt. IS Gas (a)	Cost of TCS Gas (b)	Cost of MV-I Gas (a)	Rate NGS Exclusion (c)	Total Exclusions (7)	Interdept. Firm Mcf (1)	CC Sales Mcf (2)	Applicable Sales Mcf (3) = (1) + (2)	Allocation Factor (4) = (2)/(3)	GCA Sales Mcf (5)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3) = (1) + (2)	(4) = (2)/(3)	(5)
Dec	\$0	\$18,357	\$0	\$34,473	\$221	\$0	\$53,051	4,533	5,613,983	5,618,516	0.99919320	5,613,983
Jan '21	\$0	\$514	\$0	\$50,768	\$0	\$0	\$51,282	3,961	8,289,440	8,293,401	0.99952239	8,289,440
Feb	\$0	\$76,789	\$0	\$70,266	\$118	\$0	\$147,173	4,798	8,691,716	8,696,514	0.99944828	8,691,716
March	\$0	\$489	\$0	\$97,550	\$36	\$0	\$98,075	2,582	6,975,468	6,978,050	0.99962998	6,975,468
April	\$0	\$75	\$0	\$18,951	\$292	\$0	\$19,318	1,550	3,633,369	3,634,919	0.99957358	3,633,369
May	\$0	\$926	\$0	\$24,931	\$183	\$0	\$26,040	633	2,135,649	2,136,282	0.99970369	2,135,649
June	\$0	\$4,066	\$0	\$15,290	\$248	\$0	\$19,604	355	1,314,788	1,315,143	0.99973007	1,314,788
July	\$0	\$792	\$0	\$5,817	\$3	\$0	\$6,612	220	921,121	921,341	0.99976122	921,121
Aug	\$0	\$2,584	\$0	\$3,648	\$14	\$0	\$6,246	186	845,725	845,911	0.99978012	845,725
Sept	\$0	\$3,129	\$0	\$7,873	\$36	\$0	\$11,038	83	888,847	888,930	0.99990663	888,847
Oct	\$0	\$2,806	\$0	\$13,880	\$289	\$0	\$16,975	617	1,006,724	1,007,341	0.99938750	1,006,724
Nov	\$0	\$602	\$0	\$21,608	\$448	\$0	\$22,658	1,931	2,497,996	2,499,927	0.99922758	2,497,996
12 Months	\$0	\$111,129	\$0	\$365,055	\$1,888	\$0	\$478,072	21,449	42,814,826	42,836,275		42,814,826
12 Months -Nov 30, 2022	\$0	\$144,889	\$0	\$535,486	\$2,726	\$0	\$683,101					

(a) CGS, IS, Eddystone IS and MV-I Sales Volumes x Commodity Price Excl. TOP , CGS incl. Off-Peak Reservation Charge
 (b) TCS Sales Volume x (Commodity Price Excl TOP + TCS Fixed Commodity Cost Component)
 (c) Demand portion based on Rate CGS Firm Reservation Supply Charge / 30.41 x NGS Sales Volume,
 Commodity portion based on Weighted Average Commodity Cost of Gas x NGS Sales Volume

Month	Exclusions							Allocation Factor Calculation				
	cost of cgs gas (a)	Cost of Reg IS Cust. Gas (a)	Cost of Indtpt. IS Gas (a)	Cost of TCS Gas (b)	Cost of MV-I Gas (a)	Rate NGS Exclusion (c)	Total Exclusions (7)	Interdept. Firm Mcf (1)	CC Sales Mcf (2)	Applicable Sales Mcf (3) = (1) + (2)	Allocation Factor (4) = (2)/(3)	GCA Sales Mcf (5)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3) = (1) + (2)	(4) = (2)/(3)	(5)
Dec	\$0	\$34,148	\$0	\$44,757	\$93	\$0	\$78,998	4,246	6,036,849	6,041,095	0.99929715	6,036,849
Jan '22	\$0	\$7,158	\$0	\$53,670	\$0	\$0	\$60,828	6,148	8,363,051	8,369,199	0.99926540	8,363,051
Feb	\$0	\$27,002	\$0	\$68,723	\$63	\$0	\$95,788	5,121	9,398,746	9,403,867	0.99945544	9,398,746
March	\$0	\$14,477	\$0	\$81,736	\$752	\$0	\$96,965	3,196	6,210,457	6,213,653	0.99948565	6,210,457
April	\$0	\$2,297	\$0	\$53,020	\$350	\$0	\$55,667	2,154	4,408,589	4,410,743	0.99951165	4,408,589
May	\$0	\$3,367	\$0	\$43,783	\$533	\$0	\$47,683	841	2,535,088	2,535,929	0.99966837	2,535,088
June	\$0	\$8,785	\$0	\$49,971	\$256	\$0	\$59,012	76	1,195,053	1,195,129	0.99993641	1,195,053
July	\$0	\$4,193	\$0	\$14,631	\$6	\$0	\$18,830	125	995,741	995,866	0.99987448	995,741
Aug	\$0	\$248,929	\$0	\$1,684	\$0	\$0	\$250,613	167	845,535	845,702	0.99980253	845,535
Sept	\$0	(\$220,968)	\$0	\$92,405	\$52	\$0	(\$128,511)	111	909,469	909,580	0.99987797	909,469
Oct	\$0	\$8,000	\$0	\$11,916	\$403	\$0	\$20,319	1,167	1,566,742	1,567,909	0.99925570	1,566,742
Nov (est)	\$0	\$7,501	\$0	\$19,190	\$218	\$0	\$26,909	1,931	6,609,589	6,611,520	0.99970793	5,510,294
12 Months	\$0	\$144,889	\$0	\$535,486	\$2,726	\$0	\$683,101	25,283	49,074,909	49,100,192		47,975,614
12 Months -Nov 30, 2023	\$0	\$79,985	\$0	\$1,005,228	\$2,264	\$0	\$1,087,477					

(a) CGS, IS, Eddystone IS and MV-I Sales Volumes x Commodity Price Excl. TOP , CGS incl. Off-Peak Reservation Charge
 (b) TCS Sales Volume x (Commodity Price Excl TOP + TCS Fixed Commodity Cost Component)
 (c) Demand portion based on Rate CGS Firm Reservation Supply Charge / 30.41 x NGS Sales Volume,
 Commodity portion based on Weighted Average Commodity Cost of Gas x NGS Sales Volume

	CC Appl. Sales In Month (1)	CC Gas Rates (Excl GRT) (2)	CC Revenues (3) = (1) x (2)	GCA Appl. Sales In Month (4)	Prior Pd. O/(U) Adjust. Rate (5)	Prior Pd. O/(U) Adjust. Revenue (6) = (4) x (5)	Total Revenues Recovered In Base Rates (7) = (3) + (6)
Dec bef 12/1	2,725,196	\$3.2301	\$8,802,656	2,725,196	\$0.7297	\$1,988,576	\$10,791,232
Dec aft 12/1	2,888,787	\$3.6705	\$10,603,293	2,888,787	\$0.0646	\$186,616	\$10,789,909
Jan '21 bef 12/1	-	\$3.2301	\$0		\$0.7297	\$0	\$0
Jan '21 aft 12/1	8,289,440	\$3.6705	\$30,426,390	8,289,440	\$0.0646	\$535,498	\$30,961,888
Feb	8,691,716	\$3.6714	\$31,910,766	8,691,716	\$0.0649	\$564,092	\$32,474,858
March	6,975,468	\$3.7602	\$26,229,155	6,975,468	\$0.0901	\$628,490	\$26,857,645
April	3,633,369	\$3.8430	\$13,963,037	3,633,369	\$0.1136	\$412,751	\$14,375,788
May	2,135,649	\$3.8430	\$8,207,299	2,135,649	\$0.1136	\$242,610	\$8,449,909
June	1,314,788	\$3.7030	\$4,868,660	1,314,788	\$0.1107	\$145,547	\$5,014,207
July	921,121	\$3.5151	\$3,237,832	921,121	\$0.1069	\$98,468	\$3,336,300
Aug	845,725	\$3.5151	\$2,972,808	845,725	\$0.1069	\$90,408	\$3,063,216
Sept	888,847	\$3.6903	\$3,280,112	888,847	\$0.1052	\$93,507	\$3,373,619
Oct	1,006,724	\$3.9165	\$3,942,835	1,006,724	\$0.1031	\$103,793	\$4,046,628
Nov	2,497,996	\$3.9171	\$9,784,900	2,497,996	\$0.1031	\$257,543	\$10,042,443
12 Months	42,814,826		\$158,229,743	42,814,826		\$5,347,899	\$163,577,642

	CC Appl. Sales In Month (1)	CC Gas Rates (Excl GRT) (2)	CC Revenues (3) = (1) x (2)	GCA Appl. Sales In Month (4)	Prior Pd. O/(U) Adjust. Rate (5)	Prior Pd. O/(U) Adjust. Revenue (6) = (4) x (5)	Total Revenues Recovered In Base Rates (7) = (3) + (6)
Dec bef 12/1	3,318,033	\$3.9171	\$12,997,067	3,318,033	\$0.1031	\$342,089	\$13,339,156
Dec aft 12/1	2,718,816	\$5.4841	\$14,910,259	2,718,816	\$0.3154	\$857,515	\$15,767,774
Jan '22 bef 12/1	-	\$3.9171	\$0		\$0.1031	\$0	\$0
Jan '22 aft 12/1	8,363,051	\$5.4841	\$45,863,808	8,363,051	\$0.3154	\$2,637,706	\$48,501,514
Feb	9,398,746	\$5.4812	\$51,516,407	9,398,746	\$0.3165	\$2,974,703	\$54,491,110
March	6,210,457	\$5.1377	\$31,907,465	6,210,457	\$0.4460	\$2,769,864	\$34,677,329
April	4,408,589	\$4.8486	\$21,375,485	4,408,589	\$0.5550	\$2,446,767	\$23,822,252
May	2,535,088	\$4.8486	\$12,291,628	2,535,088	\$0.5550	\$1,406,974	\$13,698,602
June	1,195,053	\$6.1765	\$7,381,245	1,195,053	\$0.5291	\$632,303	\$8,013,548
July	995,741	\$7.8424	\$7,808,999	995,741	\$0.4966	\$494,485	\$8,303,484
Aug	845,535	\$7.8424	\$6,631,024	845,535	\$0.4966	\$419,893	\$7,050,917
Sept	909,469	\$7.7695	\$7,066,119	909,469	\$0.4881	\$443,912	\$7,510,031
Oct	1,566,742	\$7.6923	\$12,051,849	1,566,742	\$0.4791	\$750,626	\$12,802,475
Nov (est)	6,609,589	\$7.6921	\$50,841,622	5,510,294	\$0.4791	\$2,639,982	\$53,481,604
12 Months	49,074,909		\$282,642,977	47,975,614		\$18,816,819	\$301,459,796

IS Profits

	Gross Reg IS Revenue	IS Gas Penalty Revenue	Unauth. IS Gas Revenue	"Net" IS Reg Revenue (4) = (1)-(2)-(3)	Reg IS Sales Mcf (5)	Commodity Cost/Mcf (6)	Total Reg IS Cost of Gas (7) = (5) x (6)	Increase In Taxable Income (8) = (4) - (7)	Profit to Be Returned To Customers (9) = (8) x 75%	Applicable GCA Sales (10)	IS Profit Return Rate (11)	IS Profits Distributed to Custs. (12) = (10) x (11)	Cumulative Over/(Under) Reconciliation (13) = (9) - (12)
Balance - Nov. 30, 2020													\$46,047
Dec bef 12/1										2,725,196	\$0.0010	\$2,725	\$43,322
Dec aft 12/1	\$20,507	\$0	\$0	\$20,507	3,318	\$5,5324	\$18,357	\$2,150	\$1,613	2,888,787	\$0.0014	\$4,044	\$40,891
Jan '21 bef 12/1										0	\$0.0010	\$0	\$40,891
Jan '21 aft 12/1	\$768	\$0	\$0	\$768	111	\$4,6302	\$514	\$254	\$191	8,289,440	\$0.0014	\$11,605	\$29,477
Feb	\$20,935	\$0	\$0	\$20,935	3,919	\$19,5940	\$76,789	(\$55,854)	(\$41,891)	8,691,716	\$0.0014	\$12,168	(\$24,582)
March	\$1,044	\$0	\$0	\$1,044	163	\$2,9992	\$489	\$555	\$416	6,975,468	\$0.0012	\$8,371	(\$32,537)
April	\$285	\$0	\$0	\$285	26	\$2,8952	\$75	\$210	\$158	3,633,369	\$0.0011	\$3,997	(\$36,376)
May	\$2,253	\$0	\$0	\$2,253	359	\$2,5796	\$926	\$1,327	\$995	2,135,649	\$0.0011	\$2,349	(\$37,730)
June	\$7,025	\$0	\$0	\$7,025	1,244	\$3,2686	\$4,066	\$2,959	\$2,219	1,314,788	\$0.0011	\$1,446	(\$36,957)
July	\$2,313	\$0	\$0	\$2,313	296	\$2,6758	\$792	\$1,521	\$1,141	921,121	\$0.0010	\$921	(\$36,737)
Aug	\$6,160	\$0	\$0	\$6,160	931	\$2,7759	\$2,584	\$3,576	\$2,682	845,725	\$0.0010	\$846	(\$34,901)
Sept	\$4,344	\$0	\$0	\$4,344	612	\$5,1129	\$3,129	\$1,215	\$911	888,847	\$0.0010	\$889	(\$34,879)
Oct	\$4,973	\$0	\$0	\$4,973	671	\$4,1815	\$2,806	\$2,167	\$1,625	1,006,724	\$0.0010	\$1,007	(\$34,261)
Nov	\$844	\$0	\$0	\$844	78	\$7,7182	\$602	\$242	\$182	2,497,996	\$0.0010	\$2,498	(\$36,577)
12 Months	\$71,451	\$0	\$0	\$71,451	11,728		\$111,129	(\$39,678)	(\$29,758)	42,814,826		\$52,866	(\$82,624)
Balance at Nov 30, 2021													(\$36,577)

IS Profits

	Gross Reg IS Revenue	IS Gas Penalty Revenue	Unauth. IS Gas Revenue	"Net" IS Reg Revenue (4) = (1)-(2)-(3)	Reg IS Sales Mcf (5)	Commodity Cost/Mcf (6)	Total Reg IS Cost of Gas (7) = (5) x (6)	Increase In Taxable Income (8) = (4) - (7)	Profit to Be Returned To Customers (9) = (8) x 0% (a)	Applicable GCA Sales (10)	IS Profit Return Rate (11)	IS Profits Distributed to Custs. (12) = (10) x (11)	Cumulative Over/(Under) Reconciliation (13) = (9) - (12)
Balance - Nov. 30, 2021													(\$36,577)
Dec bef 12/1										3,318,033	\$0.0010	\$3,318	(\$39,895)
Dec aft 12/1	\$64,844	\$0	\$0	\$64,844	8,062	\$4,2357	\$34,148	\$30,696	\$0	2,718,816	(\$0.0008)	(\$2,175)	(\$37,720)
Jan '22 bef 12/1										0	\$0.0010	\$0	(\$37,720)
Jan '22 aft 12/1	\$3,329	\$0	\$0	\$3,329	468	\$15,2958	\$7,158	(\$3,829)	\$0	8,363,051	(\$0.0008)	(\$6,690)	(\$31,030)
Feb	\$16,543	\$0	\$0	\$16,543	2,554	\$10,5724	\$27,002	(\$10,459)	\$0	9,398,746	(\$0.0008)	(\$7,519)	(\$23,511)
March	\$8,068	\$0	\$0	\$8,068	1,251	\$11,5721	\$14,477	(\$6,409)	\$0	6,210,457	(\$0.0009)	(\$5,589)	(\$17,922)
April	\$2,424	\$0	\$0	\$2,424	289	\$7,9488	\$2,297	\$127	\$0	4,408,589	(\$0.0009)	(\$3,968)	(\$13,954)
May	\$3,985	\$0	\$0	\$3,985	417	\$8,0755	\$3,367	\$618	\$0	2,535,088	(\$0.0009)	(\$2,282)	(\$11,672)
June	\$11,253	\$0	\$0	\$11,253	1,100	\$7,9860	\$8,785	\$2,468	\$0	1,195,053	(\$0.0009)	(\$1,076)	(\$10,596)
July	\$8,739	\$0	\$0	\$8,739	729	\$5,7511	\$4,193	\$4,546	\$0	995,741	(\$0.0008)	(\$797)	(\$9,799)
Aug	\$392,638	\$0	\$0	\$392,638	31,752	\$7,8398	\$248,929	\$143,709	\$0	845,535	(\$0.0008)	(\$676)	(\$9,123)
Sept	(\$367,288)	\$0	\$0	(\$367,288)	(29,514)	\$7,4869	(\$220,968)	(\$146,320)	\$0	909,469	(\$0.0008)	(\$728)	(\$8,395)
Oct	\$12,371	\$0	\$0	\$12,371	1,052	\$7,6042	\$8,000	\$4,371	\$0	1,566,742	(\$0.0007)	(\$1,097)	(\$7,298)
Nov (est)	\$14,202	\$0	\$0	\$14,202	1,330	\$5,6400	\$7,501	\$6,701	\$0	5,510,294	(\$0.0007)	(\$3,857)	(\$3,441)
12 Months	\$171,108	\$0	\$0	\$171,108	19,490		\$144,889	\$26,219	\$0	47,975,614		(\$33,136)	\$33,136
Balance at Nov 30, 2022													(\$3,441)

(a) From Docket No. R-2020-3018929 and Docket No. R-2021-3025629

Month	GCA Applicable Sales (1)	PUC Adj. Factor \$/Mcf (2)	PUC Adjust. Revenues Retrmd To Custs. (3) = (1) x (2)	
Balance				(\$1,311)
- Nov. 30, 2020				
Dec bef 12/1	2,725,196	\$0.0000	\$0	(\$1,311)
Dec aft 12/1	2,888,787	\$0.0000	\$0	(\$1,311)
Jan '21 bef 12/1	-	\$0.0000	\$0	(\$1,311)
Jan '21 aft 12/1	8,289,440	\$0.0000	\$0	(\$1,311)
Feb	8,691,716	\$0.0000	\$0	(\$1,311)
March	6,975,468	\$0.0000	\$0	(\$1,311)
April	3,633,369	\$0.0000	\$0	(\$1,311)
May	2,135,649	\$0.0000	\$0	(\$1,311)
June	1,314,788	\$0.0000	\$0	(\$1,311)
July	921,121	\$0.0000	\$0	(\$1,311)
Aug	845,725	\$0.0000	\$0	(\$1,311)
Sept	888,847	\$0.0000	\$0	(\$1,311)
Oct	1,006,724	\$0.0000	\$0	(\$1,311)
Nov	2,497,996	\$0.0000	\$0	(\$1,311)
12 Months	42,814,826		\$0	
Balance at Nov 30, 2021				(\$1,311)

Month	GCA Applicable Sales (1)	PUC Adj. Factor \$/Mcf (2)	PUC Adjust. Revenues Retrmd To Custs. (3) = (1) x (2)	
Balance				(\$1,311)
- Nov. 30, 2021				
Dec bef 12/1	3,318,033	\$0.0000	\$0	(\$1,311)
Dec aft 12/1	2,718,816	\$0.0000	\$0	(\$1,311)
Jan '22 bef 12/1	-	\$0.0000	\$0	(\$1,311)
Jan '22 aft 12/1	8,363,051	\$0.0000	\$0	(\$1,311)
Feb	9,398,746	\$0.0000	\$0	(\$1,311)
March	6,210,457	\$0.0000	\$0	(\$1,311)
April	4,408,589	\$0.0000	\$0	(\$1,311)
May	2,535,088	\$0.0000	\$0	(\$1,311)
June	1,195,053	\$0.0000	\$0	(\$1,311)
July	995,741	\$0.0000	\$0	(\$1,311)
Aug	845,535	\$0.0000	\$0	(\$1,311)
Sept	909,469	\$0.0000	\$0	(\$1,311)
Oct	1,566,742	\$0.0000	\$0	(\$1,311)
Nov (est)	5,510,294	\$0.0000	\$0	(\$1,311)
12 Months	47,975,614		\$0	
Balance at Nov 30, 2022				(\$1,311)

Month	Gross Cost of Gas Excl. TOP (1)	Total Exclusions (2)	Net Cost of Gas (3) = (1) - (2)	Allocation Factor (4)	Recoverable Cost of Gas (5) = (3) x (4)
Balance					
- Nov. 30, 2022					
Dec (est)	\$73,794,050	\$151,136	\$73,642,914	0.99959676	\$73,613,218
Jan '23 (est)	\$91,527,050	\$201,053	\$91,325,997	0.99951563	\$91,281,761
Feb (est)	\$77,001,800	\$190,917	\$76,810,883	0.99952250	\$76,774,206
March (est)	\$56,815,300	\$203,059	\$56,612,241	0.99962850	\$56,591,209
April (est)	\$27,129,800	\$91,114	\$27,038,686	0.99951015	\$27,025,441
May (est)	\$18,941,800	\$63,951	\$18,877,849	0.99967650	\$18,871,742
June (est)	\$14,136,800	\$36,861	\$14,099,939	0.99994883	\$14,099,217
July (est)	\$13,731,800	\$31,310	\$13,700,490	0.99990291	\$13,699,160
Aug (est)	\$13,790,800	\$36,379	\$13,754,421	0.99987270	\$13,752,670
Sept (est)	\$13,234,800	\$25,151	\$13,209,649	0.99992336	\$13,208,637
Oct (est)	\$20,524,800	\$33,001	\$20,491,799	0.99964343	\$20,484,492
Nov (est)	\$39,192,800	\$23,545	\$39,169,255	0.99971134	\$39,157,948
12 Months	\$459,821,600	\$1,087,477	\$458,734,123		\$458,559,701

	CC Appl. Sales In Month (1)	CC Gas Rates (Excl GRT) (2)	CC Revenues (3) = (1) x (2)
Dec bef 12/1 (est)	5,813,012	\$7.6921	\$44,714,270
Dec aft 12/1 (est)	4,712,468	\$7.0529	\$33,236,562
Jan '23 bef 12/1 (est)	-	\$7.6921	\$0
Jan '23 aft 12/1 (est)	12,686,593	\$7.0529	\$89,477,269
Feb (est)	10,719,414	\$7.0529	\$75,602,954
March (est)	8,599,719	\$7.0529	\$60,652,955
April (est)	4,395,112	\$7.0529	\$30,998,287
May (est)	2,598,875	\$7.0529	\$18,329,605
June (est)	1,485,101	\$7.0529	\$10,474,272
July (est)	1,287,294	\$7.0529	\$9,079,156
Aug (est)	1,311,693	\$7.0529	\$9,251,243
Sept (est)	1,448,212	\$7.0529	\$10,214,094
Oct (est)	3,271,667	\$7.0529	\$23,074,739
Nov (est)	6,687,565	\$7.0529	\$47,166,727
12 Months	65,016,724		\$462,272,133

Interest on Moneys Owed to Customers - Summary

Month	CC Portion of SSC Revenue (1)	Recoverable Cost of Gas (2)	Current Over/(Under) Collection for Interest (3) = (1) - (2)
Balance			
- Nov. 30, 2022			
Dec bef 12/1 (est)			
Dec aft 12/1 (est)	\$77,950,832	\$73,613,218	\$4,337,614
Jan '23 bef 12/1 (est)			
Jan '23 aft 12/1 (est)	\$89,477,269	\$91,281,761	(\$1,804,492)
Feb (est)	\$75,602,954	\$76,774,206	(\$1,171,252)
March (est)	\$60,652,955	\$56,591,209	\$4,061,746
April (est)	\$30,998,287	\$27,025,441	\$3,972,846
May (est)	\$18,329,605	\$18,871,742	(\$542,137)
June (est)	\$10,474,272	\$14,099,217	(\$3,624,945)
July (est)	\$9,079,156	\$13,699,160	(\$4,620,004)
Aug (est)	\$9,251,243	\$13,752,670	(\$4,501,427)
Sept (est)	\$10,214,094	\$13,208,637	(\$2,994,543)
Oct (est)	\$23,074,739	\$20,484,492	\$2,590,247
Nov (est)	\$47,166,727	\$39,157,948	\$8,008,779
12 Months	\$462,272,133	\$458,559,701	\$3,712,432

Attachment C

Computation of Balancing Service Cost Adjustment No. 39
Application and Computation Period : 12 Months
December 1, 2022 Through November 30, 2023

1. C = Projected Cost of Gas for Application Period	\$37,701,523	Pg. 2	\$0.5799 /Mcf
2. E = Experienced and Estimated Net Over/(Under)			
a. Balancing Over / (Under)	\$92,208	Pg. 2	\$0.0014 /Mcf
b. Miscellaneous Surcharge Monies	\$852,543	Pg. 5	\$0.0131 /Mcf
c. Net Interest on Item a.	\$184,561	Pg. 6	\$0.0029 /Mcf
d. Supplier Refunds (Including Interest)	<u>\$2,041</u>	Pg. 7	<u>\$0.0000</u> /Mcf
Experienced Net Over/(Under) Collections	\$1,131,353		\$0.0174 /Mcf
3. C - E	\$36,570,170		\$0.5625 /Mcf
4. S = Projected Sales for Computation Period	65,016,724	mcf	
Charge / (Credit) to Customers			\$0.5625 /Mcf

Over/(Under) Collections

Statement No. 4

Page 2

Month	Gross Cost of Storage (1)	Total Exclusions (2)	Net Cost of Storage (3) = (1) - (2)	Allocation Factor (4)	Recoverable Cost (5) = (3) x (4)	BSC Revenues In Base (6)	Monthly Over/(Under) Collection (7) = (6) - (5)	Cumulative Total (8)
Balance	-Nov 30, 2020							(\$1,495,765)
Dec	\$1,859,941	\$26,906	\$1,833,035	0.99943321	\$1,831,996	\$3,089,707	\$1,257,711	(\$238,054)
Jan '21	\$1,913,039	\$28,568	\$1,884,471	0.99966296	\$1,883,836	\$4,225,897	\$2,342,061	\$2,104,007
Feb	\$1,997,193	\$29,296	\$1,967,897	0.99960974	\$1,967,129	\$4,422,962	\$2,455,833	\$4,559,840
March	\$1,875,682	\$32,671	\$1,843,011	0.99973842	\$1,842,529	\$3,751,857	\$1,909,328	\$6,469,168
April	\$1,843,080	\$24,685	\$1,818,395	0.99970667	\$1,817,862	\$2,107,793	\$289,931	\$6,759,099
May	\$1,780,648	\$25,153	\$1,755,495	0.99979987	\$1,755,144	\$1,261,747	(\$493,397)	\$6,265,702
June	\$1,817,562	\$23,720	\$1,793,842	0.99982002	\$1,793,519	\$799,473	(\$994,046)	\$5,271,656
July	\$1,819,377	\$22,626	\$1,796,751	0.99984514	\$1,796,473	\$588,189	(\$1,208,284)	\$4,063,372
Aug	\$1,853,546	\$22,343	\$1,831,203	0.99985864	\$1,830,944	\$544,791	(\$1,286,153)	\$2,777,219
Sept	\$1,837,743	\$22,584	\$1,815,159	0.99994036	\$1,815,051	\$557,062	(\$1,257,989)	\$1,519,230
Oct	\$1,807,153	\$23,092	\$1,784,061	0.99961589	\$1,783,376	\$614,009	(\$1,169,367)	\$349,863
Nov	\$1,807,810	\$23,655	\$1,784,155	0.99946336	\$1,783,198	\$1,375,258	(\$407,940)	(\$58,077)
12 Months	\$22,212,774	\$305,299	\$21,907,475		\$21,901,057	\$23,338,745	\$1,437,688	
12 Months -Nov 30, 2022	\$28,772,910	\$339,775	\$28,433,135		\$28,425,227			

Over/(Under) Collections

Statement No. 4

Page 2

Month	Gross Cost of Storage (1)	Total Exclusions (2)	Net Cost of Storage (3) = (1) - (2)	Allocation Factor (4)	Recoverable Cost (5) = (3) x (4)	BSC Revenues In Base (6)	Monthly Over/(Under) Collection (7) = (6) - (5)	Cumulative Total (8)
Balance	-Nov 30, 2021							(\$58,077)
Dec	\$1,800,432	\$30,487	\$1,769,945	0.99949307	\$1,769,048	\$3,335,941	\$1,566,893	\$1,508,816
Jan '22	\$1,855,100	\$31,914	\$1,823,186	0.99946220	\$1,822,205	\$4,777,044	\$2,954,839	\$4,463,655
Feb	\$1,961,837	\$33,218	\$1,928,619	0.99960636	\$1,927,860	\$5,438,402	\$3,510,542	\$7,974,197
March	\$2,356,328	\$32,671	\$2,323,657	0.99963131	\$2,322,800	\$3,707,047	\$1,384,247	\$9,358,444
April	\$2,394,551	\$29,661	\$2,364,890	0.99965649	\$2,364,078	\$2,732,405	\$368,327	\$9,726,771
May	\$2,601,393	\$28,544	\$2,572,849	0.99976725	\$2,572,250	\$1,574,711	(\$997,539)	\$8,729,232
June	\$2,598,631	\$28,363	\$2,570,268	0.99995710	\$2,570,158	\$824,842	(\$1,745,316)	\$6,983,916
July	\$2,584,283	\$26,805	\$2,557,478	0.99991634	\$2,557,264	\$751,304	(\$1,805,960)	\$5,177,956
Aug	\$2,604,770	\$25,300	\$2,579,470	0.99986943	\$2,579,133	\$643,122	(\$1,936,011)	\$3,241,945
Sept	\$2,592,116	\$30,602	\$2,561,514	0.99991821	\$2,561,304	\$657,343	(\$1,903,961)	\$1,337,984
Oct	\$2,582,469	\$18,021	\$2,564,448	0.99948956	\$2,563,139	\$1,061,875	(\$1,501,264)	(\$163,280)
Nov (est)	\$2,841,000	\$24,189	\$2,816,811	0.99970793	\$2,815,988	\$3,071,476	\$255,488	\$92,208
12 Months	\$28,772,910	\$339,775	\$28,433,135		\$28,425,227	\$28,575,512	\$150,285	
12 Months -Nov 30, 2023	\$38,064,000	\$350,667	\$37,713,333		\$37,701,523			

Exclusions				
Month	Standby Sales Service (1)	Cost of TCS Gas (a) (2)	Rate NGS Exclusion (b) (3)	Total Exclusions (4) = (1) + (2) + (3)
Dec	\$22,595	\$3,546	\$765	\$26,906
Jan '21	\$22,213	\$5,256	\$1,099	\$28,568
Feb	\$21,952	\$5,923	\$1,421	\$29,296
March	\$22,449	\$9,232	\$990	\$32,671
April	\$22,215	\$2,071	\$399	\$24,685
May	\$22,209	\$2,824	\$120	\$25,153
June	\$22,101	\$1,611	\$8	\$23,720
July	\$22,074	\$552	\$0	\$22,626
Aug	\$22,006	\$337	\$0	\$22,343
Sept	\$21,947	\$637	\$0	\$22,584
Oct	\$22,151	\$939	\$2	\$23,092
Nov	\$22,005	\$1,324	\$326	\$23,655
12 Months	\$265,917	\$34,252	\$5,130	\$305,299
12 Months -Nov 30, 2022	\$298,766	\$36,513	\$4,496	\$339,775

Allocation Factor Calculation				
	Interdept. Firm Mcf (1)	BSC Sales Mcf (2)	Total Applicable Sales Mcf (3) = (1) + (2)	Allocation Factor (4) = (2)/(3)
Dec	4,533	7,993,150	7,997,683	0.99943321
Jan '21	3,961	11,748,394	11,752,355	0.99966296
Feb	4,798	12,289,419	12,294,217	0.99960974
March	2,582	9,868,112	9,870,694	0.99973842
April	1,550	5,282,690	5,284,240	0.99970667
May	633	3,162,273	3,162,906	0.99979987
June	355	1,972,058	1,972,413	0.99982002
July	220	1,420,404	1,420,624	0.99984514
Aug	186	1,315,603	1,315,789	0.99985864
Sept	83	1,391,609	1,391,692	0.99994036
Oct	617	1,605,673	1,606,290	0.99961589
Nov	1,931	3,596,385	3,598,316	0.99946336
12 Months	21,449	61,645,770	61,667,219	

(a) TCS Sales Volume x TCS Fixed Cost Storage Component
 (b) Based on C factor portion of Balancing Service Charge (BSC) x NGS Sales Volume

Exclusions				
Month	Standby Sales Service (1)	Cost of TCS Gas (a) (2)	Rate NGS Exclusion (b) (3)	Total Exclusions (4) = (1) + (2) + (3)
Dec	\$25,836	\$3,544	\$1,107	\$30,487
Jan '22	\$25,948	\$4,531	\$1,435	\$31,914
Feb	\$26,023	\$5,241	\$1,954	\$33,218
March	\$25,921	\$6,750	\$0	\$32,671
April	\$25,648	\$4,013	\$0	\$29,661
May	\$26,067	\$2,477	\$0	\$28,544
June	\$26,011	\$2,352	\$0	\$28,363
July	\$25,897	\$908	\$0	\$26,805
Aug	\$25,219	\$81	\$0	\$25,300
Sept	\$26,004	\$4,598	\$0	\$30,602
Oct	\$17,213	\$808	\$0	\$18,021
Nov (est)	\$22,979	\$1,210	\$0	\$24,189
12 Months	\$298,766	\$36,513	\$4,496	\$339,775
12 Months -Nov 30, 2023	\$267,513	\$83,154	\$0	\$350,667

Allocation Factor Calculation				
	Interdept. Firm Mcf (1)	BSC Sales Mcf (2)	Total Applicable Sales Mcf (3) = (1) + (2)	Allocation Factor (4) = (2)/(3)
Dec	4,246	8,371,702	8,375,948	0.99949307
Jan '22	6,148	11,425,603	11,431,751	0.99946220
Feb	5,121	13,004,308	13,009,429	0.99960636
March	3,196	8,665,373	8,668,569	0.99963131
April	2,154	6,268,421	6,270,575	0.99965649
May	841	3,612,552	3,613,393	0.99976725
June	76	1,771,569	1,771,645	0.99995710
July	125	1,493,942	1,494,067	0.99991634
Aug	167	1,278,826	1,278,993	0.99986943
Sept	111	1,357,025	1,357,136	0.99991821
Oct	1,167	2,285,077	2,286,244	0.99948956
Nov (est)	1,931	6,609,589	6,611,520	0.99970793
12 Months	25,283	66,143,987	66,169,270	

(a) TCS Sales Volume x TCS Fixed Cost Storage Component
 (b) Based on C factor portion of Balancing Service Charge (BSC) x NGS Sales Volume

BSC Revenues

	BSC Appl. Sales mcf (1)	Cost of Gas Rates (Excl GRT) (2)	Cost of Gas Revenues (3) = (1) x (2)	Prior Pd. O/(U) Adjust. Rate (4)	Prior Pd. O/(U) Adjust. Revenue (5) = (1) x (4)	Total Revenues Recovered In Base Rates (6) = (3) + (5)
Dec bef 12/1	3,880,115	\$0.3796	\$1,472,892	\$0.0354	\$137,356	\$1,610,248
Dec aft 12/1	4,113,035	\$0.3535	\$1,453,958	\$0.0062	\$25,501	\$1,479,459
Jan '21 bef 12/1	-	\$0.3796	\$0	\$0.0354	\$0	\$0
Jan '21 aft 12/1	11,748,394	\$0.3535	\$4,153,057	\$0.0062	\$72,840	\$4,225,897
Feb	12,289,419	\$0.3536	\$4,345,539	\$0.0063	\$77,423	\$4,422,962
March	9,868,112	\$0.3646	\$3,597,914	\$0.0156	\$153,943	\$3,751,857
April	5,282,690	\$0.3748	\$1,979,952	\$0.0242	\$127,841	\$2,107,793
May	3,162,273	\$0.3748	\$1,185,220	\$0.0242	\$76,527	\$1,261,747
June	1,972,058	\$0.3818	\$752,932	\$0.0236	\$46,541	\$799,473
July	1,420,404	\$0.3912	\$555,662	\$0.0229	\$32,527	\$588,189
Aug	1,315,603	\$0.3912	\$514,664	\$0.0229	\$30,127	\$544,791
Sept	1,391,609	\$0.3776	\$525,472	\$0.0227	\$31,590	\$557,062
Oct	1,605,673	\$0.3600	\$578,042	\$0.0224	\$35,967	\$614,009
Nov	3,596,385	\$0.3600	\$1,294,699	\$0.0224	\$80,559	\$1,375,258
12 Months	61,645,770		\$22,410,003		\$928,742	\$23,338,745

BSC Revenues

	BSC Appl. Sales mcf (1)	Cost of Gas Rates (Excl GRT) (2)	Cost of Gas Revenues (3) = (1) x (2)	Prior Pd. O/(U) Adjust. Rate (4)	Prior Pd. O/(U) Adjust. Revenue (5) = (1) x (4)	Total Revenues Recovered In Base Rates (6) = (3) + (5)
Dec bef 12/1	4,601,339	\$0.3600	\$1,656,482	\$0.0224	\$103,070	\$1,759,552
Dec aft 12/1	3,770,363	\$0.4327	\$1,631,436	(\$0.0146)	(\$55,047)	\$1,576,389
Jan '22 bef 12/1	-	\$0.3600	\$0	\$0.0224	\$0	\$0
Jan '22 aft 12/1	11,425,603	\$0.4327	\$4,943,858	(\$0.0146)	(\$166,814)	\$4,777,044
Feb	13,004,308	\$0.4327	\$5,626,964	(\$0.0145)	(\$188,562)	\$5,438,402
March	8,665,373	\$0.4340	\$3,760,772	(\$0.0062)	(\$53,725)	\$3,707,047
April	6,268,421	\$0.4350	\$2,726,763	\$0.0009	\$5,642	\$2,732,405
May	3,612,552	\$0.4350	\$1,571,460	\$0.0009	\$3,251	\$1,574,711
June	1,771,569	\$0.4647	\$823,248	\$0.0009	\$1,594	\$824,842
July	1,493,942	\$0.5020	\$749,959	\$0.0009	\$1,345	\$751,304
Aug	1,278,826	\$0.5020	\$641,971	\$0.0009	\$1,151	\$643,122
Sept	1,357,025	\$0.4835	\$656,122	\$0.0009	\$1,221	\$657,343
Oct	2,285,077	\$0.4639	\$1,060,047	\$0.0008	\$1,828	\$1,061,875
Nov (est)	6,609,589	\$0.4639	\$3,066,188	\$0.0008	\$5,288	\$3,071,476
12 Months	66,143,987		\$28,915,270		(\$339,758)	\$28,575,512

Over/(Under) Collections

Month	Gross Cost of Storage (1)	Total Exclusions (2)	Net Cost of Storage (3) = (1) - (2)	Allocation Factor (4)	Recoverable Cost (5) = (3) x (4)
Balance	-Nov 30, 2022				
Dec (est)	\$3,889,000	\$37,414	\$3,851,586	0.99959676	\$3,850,033
Jan '23 (est)	\$4,097,000	\$41,910	\$4,055,090	0.99951563	\$4,053,126
Feb (est)	\$3,923,000	\$39,400	\$3,883,600	0.99952250	\$3,881,746
March (est)	\$3,890,000	\$41,810	\$3,848,190	0.99962850	\$3,846,760
April (est)	\$2,742,000	\$29,900	\$2,712,100	0.99951015	\$2,710,771
May (est)	\$2,766,000	\$25,072	\$2,740,928	0.99967650	\$2,740,041
June (est)	\$2,742,000	\$21,429	\$2,720,571	0.99994883	\$2,720,432
July (est)	\$2,766,000	\$22,819	\$2,743,181	0.99990291	\$2,742,915
Aug (est)	\$2,766,000	\$22,208	\$2,743,792	0.99987270	\$2,743,443
Sept (est)	\$2,742,000	\$20,471	\$2,721,529	0.99992336	\$2,721,320
Oct (est)	\$2,766,000	\$23,490	\$2,742,510	0.99964343	\$2,741,532
Nov (est)	\$2,975,000	\$24,744	\$2,950,256	0.99971134	\$2,949,404
12 Months	\$38,064,000	\$350,667	\$37,713,333		\$37,701,523

BSC Revenues

	BSC Appl. Sales mcf (1)	Cost of Gas Rates (Excl GRT) (2)	Cost of Gas Revenues (3) = (1) x (2)
Dec bef 12/1 (est)	5,813,012	\$0.4639	\$2,696,656
Dec aft 12/1 (est)	4,712,468	\$0.5799	\$2,732,760
Jan '23 bef 12/1 (est)	-	\$0.4639	\$0
Jan '23 aft 12/1 (est)	12,686,593	\$0.5799	\$7,356,955
Feb (est)	10,719,414	\$0.5799	\$6,216,188
March (est)	8,599,719	\$0.5799	\$4,986,977
April (est)	4,395,112	\$0.5799	\$2,548,726
May (est)	2,598,875	\$0.5799	\$1,507,088
June (est)	1,485,101	\$0.5799	\$861,210
July (est)	1,287,294	\$0.5799	\$746,502
Aug (est)	1,311,693	\$0.5799	\$760,651
Sept (est)	1,448,212	\$0.5799	\$839,818
Oct (est)	3,271,667	\$0.5799	\$1,897,240
Nov (est)	6,687,565	\$0.5799	\$3,878,119
12 Months	65,016,724		\$37,028,890

Interest on Revenues to be Returned to Customers

Month	CC Portion of BSC Revenue	Recoverable Cost of Gas	Current Over/(Under) Collection for Interest (3) = (1) - (2)
	(1)	(2)	
Balance -Nov 30, 2022			
Dec bef 12/1 (est)			
Dec aft 12/1 (est)	\$5,429,416	\$3,850,033	\$1,579,383
Jan '23 bef 12/1 (est)			
Jan '23 aft 12/1 (est)	\$7,356,955	\$4,053,126	\$3,303,829
Feb (est)	\$6,216,188	\$3,881,746	\$2,334,442
March (est)	\$4,986,977	\$3,846,760	\$1,140,217
April (est)	\$2,548,726	\$2,710,771	(\$162,045)
May (est)	\$1,507,088	\$2,740,041	(\$1,232,953)
June (est)	\$861,210	\$2,720,432	(\$1,859,222)
July (est)	\$746,502	\$2,742,915	(\$1,996,413)
Aug (est)	\$760,651	\$2,743,443	(\$1,982,792)
Sept (est)	\$839,818	\$2,721,320	(\$1,881,502)
Oct (est)	\$1,897,240	\$2,741,532	(\$844,292)
Nov (est)	\$3,878,119	\$2,949,404	\$928,715
12 Months	\$37,028,890	\$37,701,523	(\$672,633)

Attachment D

SUMMARY OF COSTS AND VOLUMES
PERIOD: November 2022

	<i>Estimated</i> <u>Nov-22</u>
<u>FUEL COSTS (dollars)</u>	
PIPELINE LONG HAUL FT DEMAND	\$6,950,500
TOTAL COMMODITY COSTS	<u>\$35,993,000</u>
GROSS COST OF GAS	\$42,943,500
STORAGE AND STORAGE RELATED COSTS	<u>\$2,841,000</u>
TOTAL FUEL COSTS	\$45,784,500
LESS RATE IS EXCL \$	(\$8,000)
LESS RATE TCS EXCL \$	(\$22,000)
<u>LESS RATE CGS EXCL \$</u>	<u>\$0</u>
COSTS APPLICABLE TO PGC	\$45,754,500
<u>VOLUMES-MCF</u>	
MCF PURCHASED FOR RESALE	6,383,232
LESS RATE IS EXCL MCF	(1,330)
LESS RATE TCS EXCL MCF	(2,780)
<u>LESS RATE CGS EXCL MCF</u>	<u>0</u>
MCF APPLICABLE TO PGC	6,379,122

SUMMARY OF COSTS AND VOLUMES
PERIOD: 12/01/22 through 11/30/23

	<i>Estimated</i> <u>Dec-22</u>	<i>Estimated</i> <u>Jan-23</u>	<i>Estimated</i> <u>Feb-23</u>	<i>Estimated</i> <u>Mar-23</u>	<i>Estimated</i> <u>Apr-23</u>	<i>Estimated</i> <u>May-23</u>	<i>Estimated</i> <u>Jun-23</u>	<i>Estimated</i> <u>Jul-23</u>	<i>Estimated</i> <u>Aug-23</u>	<i>Estimated</i> <u>Sep-23</u>	<i>Estimated</i> <u>Oct-23</u>	<i>Estimated</i> <u>Nov-23</u>	<i>Estimated</i> <u>Total</u>
<u>FUEL COSTS (dollars)</u>													
PIPELINE LONG HAUL FT DEMAND	\$7,225,800	\$7,225,800	\$6,863,800	\$7,091,800	\$6,974,800	\$7,091,800	\$6,974,800	\$7,091,800	\$7,091,800	\$6,974,800	\$7,091,800	\$6,974,800	\$84,673,600
TOTAL COMMODITY COSTS	<u>\$66,568,250</u>	<u>\$84,301,250</u>	<u>\$70,138,000</u>	<u>\$49,723,500</u>	<u>\$20,155,000</u>	<u>\$11,850,000</u>	<u>\$7,162,000</u>	<u>\$6,640,000</u>	<u>\$6,699,000</u>	<u>\$6,260,000</u>	<u>\$13,433,000</u>	<u>\$32,218,000</u>	<u>\$375,148,000</u>
GROSS COST OF GAS	\$73,794,050	\$91,527,050	\$77,001,800	\$56,815,300	\$27,129,800	\$18,941,800	\$14,136,800	\$13,731,800	\$13,790,800	\$13,234,800	\$20,524,800	\$39,192,800	\$459,821,600
STORAGE AND STORAGE RELATED COSTS	<u>\$3,889,000</u>	<u>\$4,097,000</u>	<u>\$3,923,000</u>	<u>\$3,890,000</u>	<u>\$2,742,000</u>	<u>\$2,766,000</u>	<u>\$2,742,000</u>	<u>\$2,766,000</u>	<u>\$2,766,000</u>	<u>\$2,742,000</u>	<u>\$2,766,000</u>	<u>\$2,975,000</u>	<u>\$38,064,000</u>
TOTAL FUEL COSTS	\$77,683,050	\$95,624,050	\$80,924,800	\$60,705,300	\$29,871,800	\$21,707,800	\$16,878,800	\$16,497,800	\$16,556,800	\$15,976,800	\$23,290,800	\$42,167,800	\$497,885,600
LESS RATE IS EXCL \$	(\$9,000)	(\$9,000)	(\$9,000)	(\$8,000)	(\$6,000)	(\$6,000)	(\$6,000)	(\$6,000)	(\$6,000)	(\$5,000)	(\$5,000)	(\$6,000)	(\$81,000)
LESS RATE TCS EXCL \$	(\$153,000)	(\$206,000)	(\$195,000)	(\$211,000)	(\$93,000)	(\$64,000)	(\$34,000)	(\$28,000)	(\$33,000)	(\$22,000)	(\$31,000)	(\$19,000)	(\$1,089,000)
LESS RATE CGS EXCL \$	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
COSTS APPLICABLE TO PGC	\$77,521,050	\$95,409,050	\$80,720,800	\$60,486,300	\$29,772,800	\$21,637,800	\$16,838,800	\$16,463,800	\$16,517,800	\$15,949,800	\$23,254,800	\$42,142,800	\$496,715,600
<u>VOLUMES-MCF</u>													
MCF PURCHASED FOR RESALE	10,394,180	12,520,539	10,604,471	8,558,165	4,410,429	2,795,816	1,671,123	1,478,072	1,503,383	1,632,546	3,463,448	6,691,180	65,723,353
LESS RATE IS EXCL MCF	(1,330)	(1,330)	(1,330)	(1,330)	(1,330)	(1,330)	(1,330)	(1,330)	(1,330)	(1,330)	(1,330)	(1,330)	(15,960)
LESS RATE TCS EXCL MCF	(18,490)	(23,920)	(22,990)	(27,490)	(14,490)	(10,520)	(5,570)	(4,360)	(5,270)	(3,880)	(5,360)	(2,780)	(145,120)
LESS RATE CGS EXCL MCF	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
MCF APPLICABLE TO PGC	10,374,360	12,495,289	10,580,151	8,529,345	4,394,609	2,783,966	1,664,223	1,472,382	1,496,783	1,627,336	3,456,758	6,687,070	65,562,273

Attachment E

PGC 34 Hedging Schedule

<u>Month</u>	<u>Volume/Day</u>	<u>Schedule</u>	<u>By</u>	<u>Locked In</u>	<u>Point</u>	<u>Date</u>	<u>Supplier</u>	<u>Total Price</u>
Apr '20 - Oct '20	16,800							
		2,800	4/30/2018	2,800	Crayne	4/12/2018	EQT	\$ 2.0650
		2,800	8/31/2018	2,800	Leidy	8/16/2018	Nextera	\$ 1.8900
		2,800	12/31/2018	2,800	M2	12/11/2018	Shell	\$ 1.8750
		2,800	4/30/2019	2,800	Crayne	4/11/2019	EQT	\$ 2.1750
		2,800	8/31/2019	2,800	M2	8/16/2019	Conoco	\$ 1.8425
		<u>2,800</u>	12/31/2019	<u>2,800</u>	M2	12/17/2019	EQT	\$ 1.7940
		16,800		16,800				
Nov '20 - Mar '21	36,000							
		6,000	11/30/2018	6,000	NNY N	11/13/2018	Nextera	\$ 4.0900
		6,000	3/31/2019	6,000	M3	3/18/2019	Conoco	\$ 4.0850
		6,000	7/31/2019	6,000	M3	7/11/2019	Macquarie	\$ 3.8700
		6,000	11/30/2019	6,000	NNY N	11/26/2019	Shell	\$ 4.0000
		6,000	3/31/2020	6,000	M3	3/10/2020	Macquarie	\$ 3.7200
		<u>6,000</u>	7/31/2020	<u>6,000</u>	NNY N	7/9/2020	DTE	\$ 3.6450
		36,000		36,000				

PGC 35 Hedging Schedule

<u>Month</u>	<u>Volume/Day</u>	<u>Schedule</u>	<u>By</u>	<u>Locked In</u>	<u>Point</u>	<u>Date</u>	<u>Supplier</u>	<u>Total Price</u>
Apr '21 - Oct '21	16,800							
		2,800	4/30/2019	2,800	Crayne	4/11/2019	EQT	\$ 2.0700
		2,800	8/31/2019	2,800	M2	8/16/2019	Conoco	\$ 1.8100
		2,800	12/31/2019	2,800	M2	12/17/2019	EQT	\$ 1.8120
		2,800	4/30/2020	2,800	M2	4/13/2020	Macquarie	\$ 2.0200
		2,800	8/31/2020	2,800	Crayne	8/19/2020	Nextera	\$ 2.3150
		<u>2,800</u>	12/31/2020					
		16,800		<u>14,000</u>				
Nov '21 - Mar '22	36,000							
		6,000	11/30/2019	6,000	NNY N	11/26/2019	Macquarie	\$ 3.9300
		6,000	3/31/2020	6,000	M3	3/10/2020	Macquarie	\$ 3.5300
		6,000	7/31/2020	6,000	NNY N	7/9/2020	NJR	\$ 3.6400
		6,000	11/30/2020	6,000	NNY N	11/18/2020	DTE	\$ 3.8450
		6,000	3/31/2021	6,000	M3	3/19/2021	Macquarie	\$ 3.6730
		<u>6,000</u>	7/31/2021	<u>6,000</u>	M3	7/8/2021	Macquarie	\$ 4.8200
		36,000		<u>36,000</u>				

PGC 36 Hedging Schedule

<u>Month</u>	<u>Volume/Day</u>	<u>Schedule</u>	<u>By</u>	<u>Locked In</u>	<u>Point</u>	<u>Date</u>	<u>Supplier</u>	<u>Total Price</u>
Apr '22 - Oct '22	16,800							
		2,800	4/30/2020					
		2,800	8/31/2020	2,800	Crayne	8/19/2020	Nextera	\$ 2.0450
		2,800	12/31/2020					
		2,800	4/30/2021					
		2,800	8/31/2021					
		<u>2,800</u>	12/31/2021					
		16,800		<u>2,800</u>				
Nov '22 - Mar '23	36,000							
		6,000	11/30/2020	6,000	NNY N	11/18/2020	DTE	\$ 3.6350
		6,000	3/31/2021	6,000	M3	3/19/2021	Macquarie	\$ 3.4850
		6,000	7/31/2021	6,000	M3	7/8/2021	Macquarie	\$ 4.0350
		6,000	11/30/2021	6,000	NNY N	11/19/2021	Sequent	\$ 5.4600
		6,000	3/31/2022	6,000	M3	3/16/2022	Macquarie	\$ 7.0300
		<u>6,000</u>	7/31/2022	<u>6,000</u>	NNY N	7/27/2022	NJR	\$ 12.4200
		36,000		<u>36,000</u>				

PGC 37 Hedging Schedule

<u>Month</u>	<u>Volume/Day</u>	<u>Schedule</u>	<u>By</u>	<u>Locked In</u>	<u>Point</u>	<u>Date</u>	<u>Supplier</u>	<u>Total Price</u>
Apr '23 - Oct '23	16,800							
		0	4/30/2021					
		0	8/31/2021					
		0	12/31/2021					
		0	4/30/2022					
		0	8/31/2022					
		0	12/31/2022					
		0		-				
Nov '23 - Mar '24	36,000							
		6,000	11/30/2021	6,000	NNY N	11/19/2021	Sequent	\$ 4.5800
		6,000	3/31/2022	6,000	M3	3/16/2022	Macquarie	\$ 5.7250
		6,000	7/31/2022	6,000	NNY N	7/27/2022	NJR	\$ 7.8750
		6,000	11/30/2022					
		6,000	3/31/2023					
		<u>6,000</u>	7/31/2023					
		36,000		<u>18,000</u>				

PGC 38 Hedging Schedule

<u>Month</u>	<u>Volume/Day</u>	<u>Schedule</u>	<u>By</u>	<u>Locked In</u>	<u>Point</u>	<u>Date</u>	<u>Supplier</u>	<u>Total Price</u>
Apr '24 - Oct '24	16,800	0	4/30/2022	-				
		0	8/31/2022					
		0	12/31/2022					
		0	4/30/2023					
		0	8/31/2023					
		0	12/31/2023					
		0						
Nov '24 - Mar '25	36,000	6,000	11/30/2022	-				
		6,000	3/31/2023					
		6,000	7/31/2023					
		6,000	11/30/2023					
		6,000	3/31/2024					
		<u>6,000</u>	7/31/2024					
		36,000						