



PHILADELPHIA GAS WORKS

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February 25, 2022

Via E-Filing Only

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
400 North Street
Harrisburg, PA 17120

Re: PUC v. Philadelphia Gas Works (2nd Quarter 2021-2022 GCR Filing Docket Number R-2021-3023970).

Dear Secretary Chiavetta:

Enclosed please find the following tariff supplements and supporting schedules:

- 1) PGW Gas Service Tariff, Pa. P.U.C. No. 2, Supplement No. 148;
- 2) PGW Gas Supplier Tariff, Pa. P.U.C. No. 1, Supplement No. 99; and
- 3) Supporting Schedules for PGW's 2nd Quarter Gas Cost Rate filing.

These supplements are being filed to implement PGW's 2nd Quarter 2021-2022 GCR consistent with the Commission's Order entered August 26, 2021 at Docket No. R-2021-3023970 approving PGW's 2021-2022 GCR. The tariff supplements are to become effective on March 1, 2022.

Respectfully,

/s/ Craig W. Berry
Craig W. Berry, Esquire

Enclosure

cc: Certificate of Service (email only)



PHILADELPHIA GAS WORKS

800 West Montgomery Avenue • Philadelphia, PA 19122

CERTIFICATE OF SERVICE

I hereby certify that this day I served a copy of PGW's 2nd Quarter 2021-2022 GCR upon the persons listed below in the manner indicated in accordance with the requirements of 52 Pa. Code Section 1.54.

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Dated: February 25, 2022

/s/ Craig W. Berry
Craig W. Berry, Esq.

PGW
Gas Service Tariff
Pa. P.U.C. No. 2

Supplement No. 148

PHILADELPHIA GAS WORKS
GAS SERVICE TARIFF



Issued by: Seth Shapiro
President and CEO

PHILADELPHIA GAS WORKS
800 West Montgomery Avenue
Philadelphia, PA 19122

Rates to become effective March 1, 2022 in accordance with
the Commission's Order entered August 26, 2021 at Docket No. R-2021-3023970
approving PGW's 2021-2022 Gas Cost Rate

List of Changes Made by this Tariff Supplement

TABLE OF CONTENTS (PAGE Nos. 6-7)

Updated to reflect revised page numbers for each of the changes listed below on this page.

GAS COST RATE (GCR) – SECTION 1307f, II DEFINITIONS (PAGE No. 67)

In the definition of “GAC,” the GAC value effective March 1, 2022, increases from \$(0.03680) per Ccf to \$(0.01727).

GAS COST RATE (GCR) – SECTION 1307f, II DEFINITIONS (PAGE No. 67A)

In the definition of “IRC,” the IRC value effective March 1, 2022 is \$0.00082 per Ccf. In the definition of “SSC,” the SSC value effective March 1, 2022, decreases from \$0.63857 per Ccf to \$0.57932 per Ccf.

GAS COST RATE (GCR) – SECTION 1307f, III COMPUTATION OF GCR (PAGE No. 68)

The Gas Cost Rate (GCR) effective March 1, 2022 decreases from \$0.60100 per Ccf to \$0.56123 per Ccf.

PRICE TO COMPARE (PAGE No. 78)

The Prices to Compare effective March 1, 2022 are: a) \$0.58637 per Ccf for Residential (GS-RES); b) \$0.58637 per Ccf for Public Housing Customers (GS-PH); (c) \$0.57116 per Ccf for Commercial (GS-COM); (d) \$0.56841 per Ccf for Industrial (GS-IND); (e) \$0.56605 per Ccf for Municipal Service (MS); (f) \$0.56605 per Ccf for Philadelphia Housing Authority (PHA); and, (g) \$0.56605 per Ccf for Natural Gas Vehicle Service (NGVS).

EFFICIENCY COST RECOVERY SURCHARGE (PAGE No. 80)

The Efficiency Cost Recovery Surcharge rates effective March 1, 2022 are: a) \$0.00186 per Ccf for Residential and Public Housing Customers on Rate GS; b) \$0.00219 per Ccf for Commercial Customers on Rate GS; c) \$(0.00066) per Ccf for Industrial Customers on Rate GS; and, d) \$0.00219 per Ccf for The Philadelphia Housing Authority on Rate PHA.

UNIVERSAL SERVICE AND ENERGY CONSERVATION SURCHARGE (PAGE No. 81)

The Universal Service and Energy Conservation Surcharge effective March 1, 2022 decreases from \$0.17523 per Ccf to \$0.16331 per Ccf.

GENERAL SERVICE – RATE GS (PAGE No. 83); MUNICIPAL SERVICE – RATE MS (PAGE No. 87); PHILADELPHIA HOUSING AUTHORITY SERVICE – RATE PHA (PAGE No. 90); and, DEVELOPMENTAL NATURAL GAS VEHICLE SVC - RATE NGVS FIRM SERVICE (Page No. 135)

The Gas Cost Rate (GCR) effective March 1, 2022 decreases from \$0.60100 per Ccf to \$0.56123 per Ccf.

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GAS COST RATE (GCR) -- SECTION 1307(f)

I. PROVISION FOR ADJUSTMENT

The Gas Cost Rate shall be applied to each Mcf (1,000 cubic feet) for Firm Retail Sales Service Gas supplied under Rates Schedules GS, MS, PHA, and NGVS-Firm, except for Gas usage under the Special Provisions – Air Conditioning of those rates calculated in a manner set forth below, pursuant to 66 Pa.C.S. §1307(f). Such rates for Firm Sales Service Gas may be increased or decreased from time to time under the procedures set forth in Section II.B. below to reflect changes in the level of Gas costs incurred or projected to be incurred by PGW related to Sales Service.

II. DEFINITIONS

C - The current cost of Natural Gas and other raw materials determined as follows: (a) for all types of Gas, project the cost for each purchase (adjusted for net current Gas stored) for the computation year plus (b) the of (1) the projected book value of non-current Gas at the beginning of the computation year minus (2) the projected book value of non-current Gas at the end of the computation year. In addition to any cost authorized by the Commission, the cost of Natural Gas may include any item included in the definition of Natural Gas costs set forth in 66 Pa.C.S. § 1307(h) ("Definition"). The Factor "C" includes two components -- Commodity Costs and Demand Costs which are defined as follows: Commodity Costs - the actual cost of natural gas and purchased electric for firm customers that does not include the fixed costs associated with the transportation and storage of natural gas; and Demand Costs - the fixed costs associated with the transportation and storage of natural gas for firm customers.

Effective 9/1/08, 75% of off system sales margin and capacity release credits will be allocated to the Factor "C" and 25% to the Company. Effective 9/1/09, 75% of storage asset management fees will be allocated to the Factor "C" and 25% to the Company.

Computation Year - The 12-month forecast period as identified in the Company's annual 1307(f) filing and each quarterly GCR filing.

E - Experienced net over billing (or under billing) of the cost of Natural Gas and other raw materials applicable to the GCR reported in the most recent Section 1307(f) proceeding. Such over billings (or under billings) will be made with interest at the rate and method set forth by the Pennsylvania Public Utility Commission. Additionally, supplier refunds received prior to the end of the August billing period will be included in the Factor "E." The Factor "E" includes two components -- Commodity Costs and Demand Costs which are defined above in the Factor "C" definition. Credit or recovery of the factor "E" is completed over the Company's Fiscal Year.

Firm Sales Service - The service provided to Customers who receive firm supply service from PGW. The term does not include the service provided to Customers who receive interruptible supply service from PGW.

GAC (Gas Adjustment Charge) - The "E" factor component of the GCR, representing the net overcollection or undercollection of Natural Gas and other raw materials costs. The currently effective GAC is (\$0.01089) per Ccf for Commodity Costs and (\$0.00638) per Ccf for Demand Costs, for service on or after March 1, 2022. The total GAC is (\$0.01727) per Ccf. (I)

GCR - Gas Cost Rate determined to the nearest one-hundredth cent (\$0.0001) to be applied to each Mcf of Gas supplied under Rates GS, MS, PHA, and NGVS-Firm, except for Gas usage under the Special Provisions – Air Conditioning of those rates and is equal to the SSC plus the GAC minus the IRC.

(I) – Increase

IRC - Interruptible Revenue Credit - The credit defined in Subsection VI below. The currently effective IRC is \$0.00082 per Ccf for service on or after March 1, 2022.

(D)

Natural Gas or Gas - The volumes of gas purchased or manufactured by the Company that is delivered to the Company's Customers, plus such portion of the Company-used and unaccounted-for gas as the Commission permits, including, but not limited to, natural gas, liquefied natural gas, synthetic gas, liquefied propane and naphtha.

S - Projected applicable Mcf of Gas to be billed to Customers during the computation year.

SSC - Sales Service Charge - The purchased Gas costs determined to the nearest $\frac{1}{100}$ of a cent (\$0.0001). The currently effective SSC is \$0.42748 per Ccf for Commodity Costs and \$0.15184 per Ccf for Demand Costs, for service on or after March 1, 2022. The total SSC is \$0.57932 per Ccf.

(D)

(D) – Decrease

III. COMPUTATION OF GAS COST RATE

A. The GCR shall be computed to the nearest one-thousandth cent (\$0.00001) in accordance with the formula set forth below as the terms are defined in Section II:

$$\begin{aligned} \text{SSC} &= \text{C/S} \\ \text{GAC} &= \text{E/S} \\ \text{GCR} &= \text{SSC} + \text{GAC} - \text{IRC} \end{aligned}$$

B. Each Gas Cost Rate so computed shall be applied to Customers' bills for twelve monthly billing periods commencing with September.

The currently effective Gas Cost Rate is \$0.56123 per Ccf, for service on or after March 1, 2022.

(D)

IV. REPORTING REQUIREMENTS

A. The Company's rates are subject to quarterly adjustments for recovery of the Gas Cost Rate under procedures set forth in Section 1307(f) of the Public Utility Code.

B. The filing of the Company's annual Section 1307(f) filing, annual Gas Cost Rate, effective during the billing period of September through August, shall be submitted to the Commission by March 1 of each year, with a February 1 pre-filing date.

C. The application of the Gas Cost Rate shall be subject to review and audit by the Commission at such intervals as the Commission shall determine.

D. If it shall be determined, from audit by the Commission, or by final order entered after notice and hearing, that the application of this clause has resulted in the overcollection or undercollection of revenues, then the Company shall apply such over/undercollection as a credit or debit against future Gas Cost Rates.

V. PROVISION FOR INCLUSION OF SPECIFIC NON-GAS EXPENSES

The computation of the Gas Cost Rate may include such Non-Gas expenses as may be authorized by this tariff and annually authorized by the Commission.

VI. INTERRUPTIBLE REVENUE CREDIT (IRC)

A. The GCR rate shall be credited with an Interruptible Revenue Credit (IRC) equal to the margin realized from interruptible sales under PGW's Interruptible Sales Tariff Rates: BPS, LBS; and CG (Total Margin Revenue).

B. The IRC shall be set each year in the Company's 1307(f) proceeding to reflect the Total Margin Revenue. The rate per Mcf shall be calculated by dividing the Total Margin Revenue by total applicable firm sales. For the period September 1, 2003 through August 31, 2004 the IRC shall be initially set to reflect the Total Margin Revenue authorized by the Commission in its final order at M-00021612 (entered March 31, 2003).

(D) – Decrease

MERCHANT FUNCTION CHARGE (“MFC”)

The MFC is a volumetric charge, applied to firm sales service customers, which will be included in the Price to Compare. The MFC is based on Gas Cost Rate multiplied by a fixed uncollectible percentage established in the Company’s last general base rate proceeding. The MFC will not be reconciled to reflect actual results. The MFC is intended to make the Company’s Price to Compare more comparable to the gas supply services price offers of other Natural Gas Suppliers that presumably reflect anticipated uncollectible expenses. The following percentages will be applied to the quarterly Gas Cost Rate in order to calculate the quarterly MFC: 3.62% - GS Residential (“GS RES”); 3.62% - GS Public Housing (“GS PHA”); 0.91% - GS Commercial (“GS COM”); and 0.42% - GS Industrial (“GS IND”). The current MFC is set forth below in the Price to Compare table.

GAS PROCUREMENT CHARGE (“GPC”)

The GPC is a volumetric charge, applied to firm sales service customers, which will be included in the Price to Compare. The GPC will remain in effect until reviewed and updated in the Company’s next general base rate proceeding.

Current Gas Procurement Charge = \$0.00400/Ccf

PRICE TO COMPARE (“PTC”)

The PTC is composed of the Sales Service Charge (“SSC”), Gas Adjustment Charge (“GAC”), the Merchant Function Charge and the Gas Procurement Charge. The PTC will change whenever any of the components of the PTC change. The current PTC is (per Ccf):

	GS-RES	GS-PH	GS-COM	GS-IND	MS	PHA	NGVS	
SSC	\$0.57932	\$0.57932	\$0.57932	\$0.57932	\$0.57932	\$0.57932	\$0.57932	(C)
GAC	(\$0.01727)	(\$0.01727)	(\$0.01727)	(\$0.01727)	(\$0.01727)	(\$0.01727)	(\$0.01727)	(C)
MFC	\$0.02032	\$0.02032	\$0.00511	\$0.00236	\$0.00000	\$0.00000	\$0.00000	(C)
GPC	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	(C)
PTC	\$0.58637	\$0.58637	\$0.57116	\$0.56841	\$0.56605	\$0.56605	\$0.56605	(C)

(C) – Change

EFFICIENCY COST RECOVERY SURCHARGE

The cost of the energy efficiency programs (i.e. the demand side management programs) for the firm customer rate classes listed below will be recovered by an Efficiency Cost Recovery Surcharge applicable to all volumes of Gas delivered.

- 1) The Surcharge will recover the program costs and the administrative costs of the energy efficiency program.
- 2) Computation of the Efficiency Cost Recovery Surcharge factors will be in accordance with the automatic adjustment procedures utilized under Section 1307(f) of the Public Utility Code and will be filed and approved in conjunction with the Company's annual Section 1307(f)-GCR filing.
- 3) Once the surcharge is in place, it will be automatically adjusted effective March 1, June 1, September 1, and December 1 of each year in accordance with Section 1307(f) quarterly adjustment procedures. No interest will be included in such surcharge computations. The basic component of the surcharge will be determined by dividing the total energy efficiency program costs approved for annual recovery plus (or minus) any over (or under) recovery from the prior period by the estimated applicable throughput in Mcfs. The costs related to customers other than low income residential customers are tracked and will be recovered separately from each of the following firm customer rate classes if the customer class is served by the energy efficiency program:
 - a) Residential and Public Housing Customers on Rate GS;
 - b) Commercial Customers on Rate GS;
 - c) Industrial Customers on Rate GS;
 - d) Municipal Customers on Rate MS; and
 - e) The Philadelphia Housing Authority on Rate PHA.

The surcharge shall be a cents per Ccf charge calculated to the nearest one-thousandth of a cent (0.00001) which shall be added to the distribution rates for billing purposes for all customers in each of the above rate classes. The rate shall be calculated separately for each rate class as follows:

- | | |
|---|------|
| a) \$0.00186 per Ccf for Residential and Public Housing Customers on Rate GS; | (D) |
| b) \$0.00219 per Ccf for Commercial Customers on Rate GS; | (D) |
| c) \$(0.00066) per Ccf for Industrial Customers on Rate GS; | (I) |
| d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and | (NC) |
| e) \$0.00219 per Ccf for The Philadelphia Housing Authority on Rate PHA. | (D) |

The Enhanced Low Income Retrofit Program costs shall be recovered through the Universal Services Surcharge beginning on September 1, 2010.

(I) – Increase; (D) – Decrease; (NC) – No Change

UNIVERSAL SERVICE AND ENERGY CONSERVATION SURCHARGE

Universal service and energy conservation program and related costs will be recovered by a Universal Service and Energy Conservation Surcharge applicable to all volumes of Gas delivered.

1. The Surcharge will recover: 1) the discounts provided to Customers pursuant to the Customer Responsibility Program (CRP); 2) the discounts provided to Customers pursuant to the Senior Citizen Discount; 3) the costs of PGW's Low Income Usage Reduction Program (LIRUP), known as the Home Comfort Program (previously known as the Conservation Works Program (CWP), the Enhanced Low Income Retrofit Program (ELIRP) and the CRP Home Comfort Program); 4) the costs of the pilot Conservation Incentive Credit program; and, 5) for Customers entering the CRP program on or after September 1, 2003, past due arrearages forgiven pursuant to paragraph A (6) of the CRP/CAP Program Design Stipulation approved by the Commission by its order at M-00021612 (entered March 31, 2003).
2. Computation of the Universal Service and Energy Conservation Surcharge factors will be in accordance with the automatic adjustment procedures utilized under Section 1307(f) of the Public Utility Code and will be filed and approved in conjunction with the Company's annual Section 1307(f)-GCR filing.
3. Once the surcharge is in place it will be automatically adjusted effective March 1, June 1, September 1, and December 1 of each year in accordance with Section 1307(f) quarterly adjustment procedures. No interest will be included in such surcharge computations. The basic component of the surcharge will be determined by dividing the total universal service and energy conservation program costs approved for annual recovery by the estimated applicable throughput in Mcfs.
4. The Universal Service and Energy Conservation Surcharge shall take effect upon the effective date of this Tariff.

Current Universal Service and Energy Conservation Surcharge = \$0.16331/Ccf.

(D)

(D) - Decrease

GENERAL SERVICE - RATE GS

Rate: Applicable to all Retail Sales Service or Transportation Service rendered pursuant to this Rate Schedule on or after March 1, 2022. (C)

AVAILABILITY

Available for any purpose where the Company's distribution mains adjacent to the proposed Gas Service location are, or can economically be made, suitable to supply the quantities of Gas or Transportation Services required. Not available for back-up service, refer to Rate BUS.

RATES

CUSTOMER CHARGE (per Meter (except parallel meters)):

\$ 14.90 per month for Residential and Public Housing Authority Customers.
\$ 25.35 per month for Commercial Customers
\$ 75.90 per month for Industrial Customers

Surcharge: Distribution System Improvement Charge.

Plus,

GCR (not applicable to GS Customers who transport gas through a qualified NGS):

\$0.56123 per Ccf for Residential and Public Housing (D)
\$0.56123 per Ccf for Commercial Customers (D)
\$0.56123 per Ccf for Industrial Customers (D)

Plus,

DISTRIBUTION CHARGE (consisting of items (A) and (B), below):

(A) Delivery Charge:

\$0.72955 per Ccf for Residential
\$0.65393 per Ccf for Public Housing
\$0.51908 per Ccf for Commercial Customers
\$0.51668 per Ccf for Industrial Customers

(B) Surcharges:

Universal Service and Energy Conservation Surcharge; Restructuring and Consumer Education Surcharge; Efficiency Cost Recovery Surcharge; Other Post Employment Benefit Surcharge; and Distribution System Improvement Charge.

(D) – Decrease; (C) - Change

Note: The Commodity Charge includes the Sales Service Charge, the Merchant Function Charge and the Gas Procurement Charge.

MUNICIPAL SERVICE - RATE MS

Rate: Applicable to all Retail Sales Service or Transportation Service rendered pursuant to this Rate Schedule on or after March 1, 2022.

(C)AVAILABILITY

Available to properties owned or occupied by the City of Philadelphia or the Board of Education, or any of their respective agencies or instrumentalities, for any type of Gas Service, unless purchased for resale to others, and where the Company's distribution mains adjacent to the proposed Gas Service locations are, or can economically be made, suitable to supply the quantities of Gas required; provided, however, that the rate shall not be available to Commercial Tenants of any such property.

RATES

CUSTOMER CHARGE (per Meter (except parallel meters):

\$ 25.35 per month

Surcharge: Distribution System Improvement Charge.

Plus,

GCR (not applicable to MS Customers who transport Gas through a qualified NGS):

\$0.56123 per Ccf

(D)

Plus,

DISTRIBUTION CHARGE (consisting of items (A) and (B), below):

(A) Delivery Charge:

\$0.47765 per Ccf

(B) Surcharges:

Universal Service and Energy Conservation Surcharge; and The Restructuring and Consumer Education Surcharge; the Efficiency Cost Recovery Surcharge; Other Post Employment Benefit Surcharge; and Distribution System Improvement Charge.

(D) – Decrease, (C) – Change

Note: The Commodity Charge includes the Sales Service Charge, the Merchant Function Charge and the Gas Procurement Charge.

PHILADELPHIA HOUSING AUTHORITY SERVICE - RATE PHA

Rate: Applicable to all Retail Sales Service or Transportation Services rendered pursuant to this Rate Schedule on or after March 1, 2022.

(C)AVAILABILITY

Available for all Gas usage in multiple dwelling Residential buildings containing 10 or more dwelling units, owned and operated by the Philadelphia Housing Authority, where cooking shall be performed exclusively with Gas and where Gas Service shall be supplied through one or more single point metering arrangements at locations where the Company's distribution mains adjacent to the proposed Gas Service locations are, or can economically be made, suitable to supply the quantities of Gas required.

This rate is also available for all Gas usage in single and multiple dwelling Residential buildings, containing less than 10 dwelling units, provided, and only so long as, Gas is used exclusively for cooking, water heating and space heating for all such Residential buildings owned and operated by the Philadelphia Housing Authority, except (a) buildings operated by the Philadelphia Housing Authority, prior to the original effective date of this rate (January 1, 1969), and (b) buildings for which, in the judgment of the Company, such Gas Service cannot be provided economically.

RATES

CUSTOMER CHARGE (per Meter (except parallel meters);

\$25.35 per month

Surcharge: Distribution System Improvement Charge.

Plus,

GCR (not applicable to PHA customers who transport gas through a qualified NGS):

\$0.56123 per Ccf

(D)

Plus

DISTRIBUTION CHARGE (consisting of item (A) and (B), below):

(A) Delivery Charge:

\$0.54534 per Ccf

(B) Surcharges:

Universal Service and Energy Conservation Surcharge; and The Restructuring and Consumer Education Surcharge; the Efficiency Cost Recovery Surcharge; Other Post Employment Benefit Surcharge; and Distribution System Improvement Charge.

(D) – Decrease, (C) – Change

Note: The Commodity Charge includes the Sales Service Charge, the Merchant Function Charge and the Gas Procurement Charge.

**DEVELOPMENTAL NATURAL GAS VEHICLE SERVICE - RATE NGVS
FIRM SERVICE**

Rate: Applicable to all Retail Sales Service rendered pursuant to this Rate Schedule on or after March 1, 2022. (C)

AVAILABILITY

This service is available to provide uncompressed Natural Gas to any Customer for the exclusive purpose of compressing such Gas for use as fuel for motor vehicles. The compression of the Natural Gas to the pressure required for use as a motor vehicle fuel will be conducted by the Customer, at the Customer's designated premises. Service shall only be available where the Company's distribution system is, or can economically be made available to supply the service. Each Customer will be required to execute a service agreement which will specify terms and conditions of service.

CHARACTER OF SERVICE

Service under this rate schedule is firm and shall only be interrupted in the case of operating emergencies experienced by the Company.

MONTHLY RATE

CUSTOMER CHARGE:

\$35.00 per month

Surcharge: Distribution System Improvement Charge.

Plus,

GCR (not applicable to NGVS customers who transport gas through a qualified NGS):

\$0.56123 per Ccf

(D)

Plus

DISTRIBUTION CHARGE (consisting of item (A) and (B), below):

(A) Delivery Charge (Updated in Supplement No. 65 – Issued: July 10, 2013; Effective: October 1, 2013):

\$0.12833 per Ccf

(B) Surcharges:

Universal Service and Energy Conversation Surcharge; The Restructuring and Consumer Education Surcharge; Other Post Employment Benefit Surcharge; and Distribution System Improvement Charge.

(D) – Decrease, (C) - Change

Note: The Commodity Charge includes the Sales Service Charge, the Merchant Function Charge and the Gas Procurement Charge.

PGW
Gas Supplier Tariff
Pa. P.U.C. No. 1
Supplement No. 99

PHILADELPHIA GAS WORKS
GAS SUPPLIER TARIFF



Issued by: Seth Shapiro
President and CEO

PHILADELPHIA GAS WORKS
800 West Montgomery Avenue
Philadelphia, PA 19122

Rates to become effective March 1, 2022 in accordance with
the Commission's Order entered August 26, 2021 at Docket No. R-2021-3023970
approving PGW's 2021-2022 Gas Cost Rate

List of Changes Made by this Tariff

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Updated to reflect revised page numbers.

9.14. LOAD BALANCING CHARGE, 9.14.A. (Page No. 39)

The load balancing charge effective March 1, 2022, is \$58.4383 per design day Mcf.

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9.14. LOAD BALANCING CHARGE.

9.14.A. Suppliers for all gas delivered under Firm Transportation Rates, of this Suppliers Tariff shall be charged at \$58.4383 per design day Mcf that is fulfilled by PGW storage and peaking assets, for recovery of those costs for Balancing Service, calculated in the manner set forth in the Commission's Order at M-00021612 (entered March 31, 2003) and as set forth below. Such rate for Balancing Service shall be increased or decreased, from time to time, in accordance with applicable law and procedures. (I)

9.14.B. Computation of Balancing Service Costs per Dth.

9.14.B.1. Formula. Balancing Service Costs, per design day Mcf, that is fulfilled by PGW storage and peaking assets, shall be computed to the nearest one-hundredth cent (\$0.0001) in accordance with the formula set forth below:

$$\text{BSC} = (C / S_1) - (E / S_2)$$

Projected Balancing Service Costs, so computed, shall be charged to Suppliers of Firm Transportation Rates per Customer per design day Mcf that is fulfilled by PGW storage and peaking assets, for an enrollment month. 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 PUC's regulations adopted pursuant thereto.

9.14.B.2. Definitions. In computing the Balancing Service Costs, per Dth, pursuant to the formula above, the following definitions shall apply:

"BSC" - Balancing Service Costs determined to the nearest one-hundredth cent (\$0.0001) to be charged to each design day Mcf that is fulfilled by PGW storage and peaking assets, under Rate Schedule Firm.

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

"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 PUC 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 rate as provided for in Section 1307(f) of the Public Utility Code from the month that the overcollection or undercollection occurs to the effective month such overcollection is refunded or undercollection is recouped. Such over billings (or under billings) will be made with interest at the statutory rate.

"S₁" – projected Mcf of storage gas/LNG to be delivered to Customers to meet design day needs during the projected period when rates will be in effect.

"S₂" – forecasted Mcf of load balancing volumes during the projected period when rates will be in effect.

(I) – Increase

Supporting Schedules
March 1, 2022
2nd QUARTER
GCR FILING

March 1, 2022

2nd QUARTER GCR FILING

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Philadelphia Gas Works

Levelized Gas Cost Rate

March 1, 2022

Formula:

GCR = SSC + GAC - IRC

where:

	<u>Demand</u>	<u>Commodity</u>	<u>Total</u>	
S = Firm Sales (Mcf)			42,925,852	Schedule 2
<hr/>				
Net Natural Gas Expense	\$ 83,694,395	\$ 175,010,823	\$ 258,705,218	
Purchased Electric & Misc Expenses	\$ -	\$ 617,258	\$ 617,258	
Total Natural Gas Expense	\$ 83,694,395	\$ 175,628,081	\$ 259,322,476	Schedule 3
C-Factor Reconciliation	\$ (17,369,308)	\$ 11,097,163	\$ (6,272,145)	Schedule 4(b)
C = Total Applicable GCR Expense	\$ 66,325,086	\$ 186,725,244	\$ 253,050,331	
SSC = C / S	\$ 1.5451	\$ 4.3500	\$ 5.8951	
<hr/>				
Adjustment For:				
E-Factor Volumes (Mcf)			14,941,577	
E-Factor Reconciliation	\$ (2,958,939)	\$ (5,046,849)	\$ (8,005,789)	Schedule 4(c)
	\$ (2,958,939)	\$ (5,046,849)	\$ (8,005,789)	
E = E-Factor	\$ (0.1980)	\$ (0.3378)	\$ (0.5358)	
<hr/>				
Interruptible Revenue Credit			\$ 351,940	Schedule 5(a)
IRC = Interruptible Revenue Credit / S			\$ 0.0082	
<hr/>				
Net Applicable GCR Expenses = C + E - Interruptible Revenue Credit			\$ 244,692,602	
<u>GCR = SSC + GAC - IRC</u>			\$ 5.3511	
<hr/>				
SSC in effect 3/01/22	\$ 1.5184	\$ 4.2748	\$ 5.7932	
GAC in effect 3/01/22	\$ (0.0638)	\$ (0.1089)	\$ (0.1727)	
IRC in effect 3/01/22			\$ (0.0082)	
GCR in effect 3/01/22			\$ 5.6123	Schedule 6
<hr/>				
Recovery Test on:				
Firm Sales (Mcf)			42,925,852	
= GCR Projected Recovery		\$	242,116,818	
= Load Balancing Revenue		\$	2,547,416	
= LNG Sales Demand Revenue		\$	<u>30,902</u>	
= Total Projected Recovery		\$	244,695,136	Schedule 6
Compared To				
Net Applicable GCR Expenses		\$	<u>244,692,602</u>	
= Net Over/(Under) Recovery		\$	<u>2,533</u>	
<hr/>				
Degree Days			3,893	

Philadelphia Gas Works

Price To Compare (\$ / MCF)

March 1, 2022

	GCR	GCA	SSC	MFC	MFC Charge	GPC Charge	GAC	Price to Compare
	1	2	3 = (1 - 2)	4	5 = (1 * 4)	6	7	8 = (3 + 5 + 6 + 7)
Residential GS	\$5.6123	(\$0.1809)	\$5.7932	3.62%	\$0.2032	\$0.0400	(\$0.1727)	\$5.8637
Commercial GS	\$5.6123	(\$0.1809)	\$5.7932	0.91%	\$0.0511	\$0.0400	(\$0.1727)	\$5.7116
Industrial GS	\$5.6123	(\$0.1809)	\$5.7932	0.42%	\$0.0236	\$0.0400	(\$0.1727)	\$5.6841
Phila. Housing Authority (PHA)	\$5.6123	(\$0.1809)	\$5.7932	0.00%	\$0.0000	\$0.0400	(\$0.1727)	\$5.6605
Municipal (MS)	\$5.6123	(\$0.1809)	\$5.7932	0.00%	\$0.0000	\$0.0400	(\$0.1727)	\$5.6605
NGV Firm	\$5.6123	(\$0.1809)	\$5.7932	0.00%	\$0.0000	\$0.0400	(\$0.1727)	\$5.6605
Phila. Housing Authority (GS)	\$5.6123	(\$0.1809)	\$5.7932	3.62%	\$0.2032	\$0.0400	(\$0.1727)	\$5.8637

SALES & VOLUMES

MARCH 2022 THROUGH FEBRUARY 2023

MONTH		TOTAL	FIRM	BILLED	INTERRUPTIBLE	LNG	AIR	GCR FIRM	SENIOR	APPLICABLE
		VOLUMES	TRANSPORT	SALES	SALES	SALES	CONDITIONING	SALES	CITIZEN	VOLUMES
		1	2	3 = (1 - 2)	4	4A	4B	5 = (3 - 4 - 4A - 4B)	6	7 = (5 - 6 + 2)
MARCH	2022	6,987,785	897,421	6,090,364	31,219	2,551	-	6,056,594	20,559	6,933,456
APRIL		4,725,567	591,943	4,133,624	30,212	2,469	-	4,100,943	13,633	4,679,253
MAY		2,218,077	310,979	1,907,098	31,219	2,551	-	1,873,327	5,519	2,178,787
JUNE		1,331,132	221,345	1,109,787	30,212	2,469	4	1,077,102	2,461	1,295,986
JULY		1,189,230	201,571	987,660	31,219	2,551	48	953,841	2,091	1,153,321
AUGUST		1,100,254	186,714	913,541	31,219	2,551	-	879,770	1,913	1,064,571
SEPTEMBER		1,084,276	181,447	902,829	30,212	1,644	-	870,973	1,818	1,050,602
OCTOBER		1,523,895	263,583	1,260,312	31,219	1,699	-	1,227,394	2,747	1,488,230
NOVEMBER		3,318,494	487,425	2,831,069	30,212	1,644	-	2,799,213	7,667	3,278,971
DECEMBER		6,041,678	829,461	5,212,218	31,219	1,699	-	5,179,300	14,834	5,993,927
JANUARY	2023	11,120,887	1,366,763	9,754,124	31,219	1,699	-	9,721,206	28,856	11,059,113
FEBRUARY		<u>9,374,661</u>	<u>1,158,793</u>	<u>8,215,868</u>	<u>28,198</u>	<u>1,534</u>	<u>-</u>	<u>8,186,136</u>	<u>23,912</u>	<u>9,321,017</u>
		50,015,937	6,697,444	43,318,493	367,579	25,062	52	42,925,800	126,010	49,497,233

**Projected Applicable Fuel Expense
SUMMARY
March 1, 2022 2nd Quarter Filing**

	MARCH 2022	APRIL 2022	MAY 2022	JUNE 2022	JULY 2022	AUGUST 2022	SEPTEMBER 2022	OCTOBER 2022	NOVEMBER 2022	DECEMBER 2022	JANUARY 2023	FEBRUARY 2023	TOTAL
NATURAL GAS BILLED													
DEMAND CHARGE	\$ 5,748,040	\$ 7,486,949	\$ 7,485,022	\$ 7,486,187	\$ 7,484,305	\$ 7,483,946	\$ 6,350,485	\$ 6,307,311	\$ 6,722,792	\$7,031,275	\$7,029,188	\$7,078,896	\$83,694,395
COMMODITY CHARGE	\$ 20,765,683	\$ 12,590,053	\$ 17,172,580	\$ 11,217,763	\$ 11,625,185	\$ 11,455,754	\$ 12,185,297	\$ 17,824,566	\$ 13,906,796	\$17,929,628	\$17,828,763	\$13,487,148	\$177,989,218
TOTAL NATURAL GAS BILLED	\$26,513,723	\$20,077,001	\$24,657,602	\$18,703,950	\$19,109,490	\$18,939,700	\$18,535,782	\$24,131,877	\$20,629,588	\$24,960,903	\$24,857,952	\$20,566,044	\$261,683,613
INTERRUPTIBLE & A/C CREDIT	\$ 141,232	\$ 123,137	\$ 145,649	\$ 121,041	\$ 122,358	\$ 123,280	\$ 120,859	\$ 128,409	\$ 103,882	\$119,617	\$123,613	\$112,729	\$1,485,807
SENDOUT VOLUME IN MCF	31,954	30,923	31,954	30,927	32,003	31,954	30,923	31,954	30,923	31,954	31,954	28,862	376,284
DKT CONVERSION FACTOR	1.031	1.031	1.031	1.031	1.031	1.031	1.031	1.031	1.031	1.031	1.031	1.031	
PRICE \$/DKT	\$ 4.2870	\$ 3.8623	\$ 4.4210	\$ 3.7961	\$ 3.7084	\$ 3.7421	\$ 3.7909	\$ 3.8977	\$ 3.2584	\$3.6309	\$3.7522	\$3.7884	
GAS USED FOR UTILITY	\$ 135,011	\$ 73,827	\$ 60,475	\$ 30,948	\$ 21,311	\$ 22,110	\$ 30,955	\$ 37,093	\$ 77,969	\$150,534	\$176,032	\$170,084	\$986,350
NATURAL GAS TO STORAGE	\$ (552,374)	\$ (5,601,295)	\$ (9,808,177)	\$ (7,727,013)	\$ (8,131,346)	\$ (7,940,973)	\$ (8,440,931)	\$ (8,793,251)	\$ (134,404)	\$ -	\$ -	\$ -	(\$57,129,765)
FROM STORAGE PGW	\$ 7,519,129	\$ 5,819,923	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,275,413	\$9,839,259	\$16,190,543	\$15,869,030	\$56,513,297
FT FROM STORAGE	\$ 359,489	\$ 25,374	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 89,495	\$1,145,543	\$1,664,517	\$1,239,818	\$4,524,236
NET NATURAL GAS STORAGE	\$6,966,755	\$218,628	(\$9,808,177)	(\$7,727,013)	(\$8,131,346)	(\$7,940,973)	(\$8,440,931)	(\$8,793,251)	\$1,141,009	\$9,839,259	\$16,190,543	\$15,869,030	(\$616,468)
LNG TO STORAGE	\$ (1,470,088)	\$ (719,656)	\$ (278,628)	\$ -	\$ -	\$ -	\$ (6,928)	\$ (589,391)	\$ (1,487,270)	\$ (969,582)	\$ (606,227)	\$ (754,972)	(\$6,882,740)
FROM LNG PGW	\$ 294,481	\$ 283,718	\$ 297,211	\$ 288,520	\$ 298,138	\$ 298,138	\$ 282,638	\$ 328,450	\$ 288,378	\$1,370,095	\$1,691,369	\$1,360,867	\$7,082,003
FT FROM LNG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0
NET LNG STORAGE	\$ (1,175,607)	\$ (435,938)	\$ 18,584	\$ 288,520	\$ 298,138	\$ 298,138	\$ 275,710	\$ (260,940)	\$ (1,198,892)	\$ 400,513	\$ 1,085,142	\$ 605,895	\$199,263
LNG SALES FROM LNG TANK	\$ 8,371	\$ 8,559	\$ 9,037	\$ 8,800	\$ 9,093	\$ 9,093	\$ 5,859	\$ 6,054	\$ 5,910	\$6,221	\$6,299	\$5,735	\$89,032
SENDOUT VOLUMES (MCF)	2,551	2,469	2,551	2,469	2,551	2,551	1,644	1,699	1,644	1,699	1,699	1,534	25,062
@ AVG LNG COMMODITY RATE	\$ 3.2808	\$ 3.4665	\$ 3.5420	\$ 3.5640	\$ 3.5640	\$ 3.5640	\$ 3.5640	\$ 3.5643	\$ 3.5953	\$3.6623	\$3.7082	\$3.7383	
NET NATURAL GAS EXPENSE	\$32,020,257	\$19,654,168	\$14,652,848	\$11,104,669	\$11,123,520	\$11,142,381	\$10,212,888	\$14,906,129	\$20,383,944	\$34,924,302	\$41,827,693	\$36,752,420	\$258,705,218
APPLICABLE GCR EXPENSE													
NET NATURAL GAS EXPENSE	\$32,020,257	\$19,654,168	\$14,652,848	\$11,104,669	\$11,123,520	\$11,142,381	\$10,212,888	\$14,906,129	\$20,383,944	\$34,924,302	\$41,827,693	\$36,752,420	\$258,705,218
PURCHASED ELECTRIC & MISC	\$ 54,796	\$ 45,139	\$ 33,072	\$ 45,928	\$ 30,391	\$ 39,654	\$ 31,196	\$ 35,412	\$ 34,418	\$33,599	\$57,561	\$51,092	\$492,258
PLANALYTICS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ -	\$125,000
TOTAL APPLICABLE EXPENSES	\$32,075,053	\$19,699,308	\$14,685,920	\$11,150,596	\$11,153,911	\$11,182,035	\$10,244,084	\$14,941,541	\$20,418,362	\$34,957,901	\$42,010,254	\$36,803,512	\$259,322,476
TOTAL GCR FIRM SALES	6,056,594	4,100,943	1,873,327	1,077,102	953,841	879,770	870,973	1,227,394	2,799,213	5,179,300	9,721,206	8,186,136	42,925,800

**ACTUAL / ESTIMATED DATA - FISCAL YEAR 2022
PHILADELPHIA GAS WORKS**

Rate	Split Month		Split Month		Split Month		4/1/2022
	7/1/2021	9/1/2021	10/1/2021	12/1/2021	1/1/2022	3/1/2022	
SSC in Effect	\$ 3.7609	\$ 4.5385	\$ 5.3160	\$ 5.8509	\$ 6.3857	\$ 6.0895	\$ 5.7932
GAC in Effect	\$ (0.1882)	\$ (0.3121)	\$ (0.4360)	\$ (0.4020)	\$ (0.3680)	\$ (0.2704)	\$ (0.1727)
IRC in Effect	\$ (0.0027)	\$ (0.0041)	\$ (0.0055)	\$ (0.0066)	\$ (0.0077)	\$ (0.0080)	\$ (0.0082)
Total Effective	\$ 3.5700	\$ 4.2223	\$ 4.8745	\$ 5.4423	\$ 6.0100	\$ 5.8112	\$ 5.6123
Percentage of Total							
C-Factor	105.3%	107.5%	109.1%	107.5%	106.3%	104.8%	103.2%
E-Factor	-5.3%	-7.4%	-8.9%	-7.4%	-6.1%	-4.7%	-3.1%
IRC-Factor	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%
Total	100%	100%	100%	100%	100%	100%	100%

C-Factor							
Demand Charge in Effect	\$ 0.9933	\$ 1.2648	\$ 1.5362	\$ 1.7106	\$ 1.8850	\$ 1.7017	\$ 1.5184
Commodity in Effect	\$ 2.7676	\$ 3.2737	\$ 3.7798	\$ 4.1403	\$ 4.5007	\$ 4.3878	\$ 4.2748
	\$ 3.7609	\$ 4.5385	\$ 5.3160	\$ 5.8509	\$ 6.3857	\$ 6.0895	\$ 5.7932

Percentage of Total							
Demand Charge in Effect	26.4%	27.9%	28.9%	29.2%	29.5%	27.9%	26.2%
Commodity in Effect	73.6%	72.1%	71.1%	70.8%	70.5%	72.1%	73.8%
	100%	100%	100%	100%	100%	100%	100%

Fiscal Year 2021 E-Factor	C-Factor Over/(Under)	E-Factor Over/(Under)	Interest Over/(Under)	FY 2021 Final E-Factor
\$ 10,417,313	\$ 7,629,647	\$ 499,391	\$ 18,546,351	

Actual Fiscal Year 2021-2022	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022
	Actual	Actual	Actual	Actual	Estimated	Estimated
GCR Firm Sales	913,407	1,029,990	2,908,995	5,546,970	8,637,856	8,279,843
GCR Revenue Billed	\$ 3,980,567	\$ 5,014,637	\$ 14,188,678	\$ 31,177,480	\$ 51,913,515	\$ 49,761,855
Migration Rider Revenue Billed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Load Balancing Billed	\$ 183,531	\$ 207,616	\$ 212,570	\$ 178,011	\$ 210,299	\$ 210,394
LNG Sales Demand Charge Credit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue Billed	\$ 4,164,097	\$ 5,222,253	\$ 14,401,248	\$ 31,355,492	\$ 52,123,814	\$ 49,972,249
Natural Gas Refunds	\$ -	\$ 14,453	\$ 113,192	\$ -	\$ -	\$ -
Demand Charges	\$ 5,636,125	\$ 5,752,507	\$ 4,703,963	\$ 4,781,251	\$ 5,752,258	\$ 5,791,819
Supply Charges	\$ 3,734,014	\$ 7,336,296	\$ 24,103,958	\$ 25,764,113	\$ 36,170,398	\$ 32,302,123
Net Cost of Fuel	\$ 9,370,138	\$ 13,088,803	\$ 28,807,921	\$ 30,545,364	\$ 41,922,656	\$ 38,093,942

**FISCAL YEAR 2022
PHILADELPHIA GAS WORKS
C-FACTOR RECONCILIATION**

MONTH	NET COST	TOTAL	C FACTOR	C FACTOR	LOAD BALANCING	LNG SALES GCR	TOTAL	NATURAL GAS	OVER/	CUMULATIVE
	OF FUEL	GCR		REVENUE			REVENUE		C FACTOR	
	1	2	% of GCR	4 = (2 * 3)	5	6	7 = (4 + 5 + 6)	8	9 = (7 + 8 - 1)	10
	(\$)	(\$)		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 2021	9,370,138	3,980,567	107.5%	4,278,667	183,531	0	4,462,198	0	(4,907,940)	(4,907,940)
OCTOBER	13,088,803	5,014,637	109.1%	5,468,829	207,616	0	5,676,445	14,453	(7,397,904)	(12,305,844)
NOVEMBER	28,807,921	14,188,678	109.1%	15,473,795	212,570	0	15,686,365	113,192	(13,008,364)	(25,314,208)
DECEMBER	30,545,364	31,177,480	107.5%	33,518,262	178,011	0	33,696,273	0	3,150,909	(22,163,299)
JANUARY 2022	41,922,656	51,913,515	106.3%	55,158,758	210,299	0	55,369,057	0	13,446,400	(8,716,899)
FEBRUARY	38,093,942	49,761,855	106.3%	52,872,592	210,394	0	53,082,986	0	14,989,044	6,272,145

**FISCAL YEAR 2022
PHILADELPHIA GAS WORKS
E-FACTOR RECONCILIATION**

		GCR SALES 1 (MCF)	TOTAL E-FACTOR VOLUMES 2 (MCF)	TOTAL GCR REVENUE BILLED 3 (\$)	E-FACTOR % of GCR 4	E-FACTOR GCR REVENUE BILLED 5=(3 * 4) (\$)	OVER/(UNDER) PROJECTED RECOVERY 6 (\$)
PRIOR YEAR E-FACTOR MONTH							\$ 18,546,351
SEPTEMBER 2021	Actual	913,407	913,407	\$ 3,980,567	-7.4%	\$ (294,235)	\$ 18,252,115
OCTOBER	Actual	1,029,990	1,029,990	\$ 5,014,637	-8.9%	\$ (448,535)	\$ 17,803,581
NOVEMBER	Actual	2,908,995	2,908,995	\$ 14,188,678	-8.9%	\$ (1,269,107)	\$ 16,534,473
DECEMBER	Actual	5,546,970	5,546,970	\$ 31,177,480	-7.4%	\$ (2,302,972)	\$ 14,231,502
JANUARY 2022	Estimated	8,637,856	8,637,856	\$ 51,913,515	-6.1%	\$ (3,178,731)	\$ 11,052,771
FEBRUARY	Estimated	8,279,843	8,279,843	\$ 49,761,855	-6.1%	\$ (3,046,982)	\$ 8,005,789
<hr/>							
MARCH	Estimated	6,056,594	6,056,594	\$ 35,195,774		\$ (3,245,160)	
APRIL	Estimated	4,100,943	4,100,943	\$ 23,015,721		\$ (2,197,310)	
MAY	Estimated	1,873,327	1,873,327	\$ 10,513,676		\$ (1,003,740)	
JUNE	Estimated	1,077,102	1,077,102	\$ 6,045,021		\$ (577,118)	
JULY	Estimated	953,841	953,841	\$ 5,353,243		\$ (511,074)	
AUGUST	Estimated	879,770	879,770	\$ 4,937,534		\$ (471,386)	
TOTAL		<u>14,941,577</u>	<u>14,941,577</u>	<u>\$ 85,060,968</u>		<u>(8,005,789)</u>	
MARCH 1, 2022 E-FACTOR		-0.5358					

**FISCAL YEAR 2022
PHILADELPHIA GAS WORKS
IRC FACTOR REVENUE BILLED**

MONTH	TOTAL GCR REVENUE BILLED 1	IRC- FACTOR % of GCR 2	IRC-FACTOR REVENUE BILLED 3 = (1 * 2)
	\$		\$
SEPTEMBER 2021	3,980,567	-0.10%	(3,865)
OCTOBER	5,014,637	-0.11%	(5,658)
NOVEMBER	14,188,678	-0.11%	(16,009)
DECEMBER	31,177,480	-0.12%	(37,810)
JANUARY 2022	51,913,515	-0.13%	(66,511)
FEBRUARY	49,761,855	-0.13%	(63,755)

**FISCAL YEAR 2022
PHILADELPHIA GAS WORKS
RECONCILIATION OF DEMAND CHARGES**

MONTH	DEMAND CHARGES LESS LOAD BALANCING CHARGE REVENUE	DEMAND REVENUE BILLED	MONTHLY DEMAND OVER/(UNDER)	CUMULATIVE DEMAND OVER/(UNDER)
	1	2	3 = (2 - 1)	4
	\$	\$	\$	\$
SEPTEMBER 2021	5,452,594	1,155,232	(4,297,362)	(4,297,362)
OCTOBER	5,544,891	1,582,271	(3,962,620)	(8,259,982)
NOVEMBER	4,491,393	4,468,798	(22,595)	(8,282,577)
DECEMBER	4,603,240	9,488,647	4,885,407	(3,397,170)
JANUARY 2022	5,541,959	16,282,359	10,740,399	7,343,230
FEBRUARY	5,581,425	15,607,504	10,026,079	17,369,308

INTERRUPTIBLE REVENUE CREDIT
March 1, 2022

Fiscal Year 2021 Reconciliation (8/31/21) \$ 126,169

<u>MONTH</u>	<u>IRC CREDIT</u>	<u>MARGIN</u>	
September-21	Actual \$ (3,865)	\$ 23,451	
October	Actual \$ (5,658)	\$ 15,490	
November	Actual \$ (16,009)	\$ 26,405	
December	Actual \$ (37,810)	\$ 33,788	
January-22	Estimated \$ (66,511)	\$ 23,413	
February	Estimated \$ (63,755)	\$ 21,147	
Act/Est IRC Credit September 2021 to February 2022	<u>\$ (193,608)</u>		
Act/Est Margin September 2021 to February 2022		<u>\$ 143,695</u>	<u>\$ 143,695</u>

FY 2021 Reconciliation Plus Act/Est Margin September 2021 to February 2022 \$ 269,864

FY 2021 Reconciliation Plus Act/Est Margin September 2021 to February 2022	\$ 269,864	
Act/Est IRC Credit September 2021 to February 2022	<u>\$ (193,608)</u>	
Reconciliation as of February 28, 2022	\$ 76,256	
Margin - March 2022 through February 2023	<u>\$ 275,684</u>	Schedule 5(b)
March 1, 2022 Interruptible Revenue Credit	\$ 351,940	

GCR Firm Sales **42,925,852** Schedule 2

March 1, 2022 IRC/Mcf \$ 0.0082

INTERRUPTIBLE REVENUE MARGIN
March 1, 2022

<u>MONTH</u>		<u>MARGIN</u>
March-22	Estimated	\$ 23,416
April	Estimated	\$ 22,658
May	Estimated	\$ 23,414
June	Estimated	\$ 22,658
July	Estimated	\$ 23,414
August	Estimated	\$ 23,414
September	Estimated	\$ 22,659
October	Estimated	\$ 23,414
November	Estimated	\$ 22,659
December	Estimated	\$ 23,414
January-22	Estimated	\$ 23,415
February	Estimated	\$ 21,150
Total		\$ <u>275,684</u>

CALCULATION OF RECOVERED CHARGES
2nd Qtr Filing
March 1, 2022

	<u>50% March</u>	<u>11.5 Months</u>	<u>Total</u>
			(MCF) (\$)
S - Firm Sales (Mcf)	3,028,297	39,897,503	42,925,800
C-Factor	<u>\$ 6.3857</u>	<u>\$ 5.7932</u>	
Projected Recovery	19,337,795	231,134,213	\$ 250,472,008
S - Firm Sales (Mcf)	3,028,297	39,897,503	42,925,800
IRC-Factor	<u>\$ (0.0077)</u>	<u>\$ (0.0082)</u>	
Projected Recovery	(23,318)	(327,160)	\$ (350,477)
E-Factor Volumes (Mcf)	3,028,297	39,897,503	42,925,800
E-Factor	<u>\$ (0.3680)</u>	<u>\$ (0.1727)</u>	
Projected Recovery	(1,114,413)	(6,890,299)	\$ (8,004,712)
GCR (\$ / Mcf)	\$ 6.0100	\$ 5.6123	
<hr/>			
GCR Projected Recovery			\$ 242,116,818
Load Balancing Revenue			\$ 2,547,416
LNG Sales Demand Revenue			<u>\$ 30,902</u>
TOTAL PROJECTED RECOVERY			\$ 244,695,136

Change In Rates

Rates Effective March 1, 2022

	<u>Current Rates</u>				01/01/22 Commodity Rate (5)=(1)+(2)+(3)+(4)
	<u>01/01/22</u> Distribution Charge (1)	<u>01/01/22</u> GCR (2)	<u>01/01/22</u> MFC (3)	<u>01/01/22</u> GPC (4)	
Residential GS	\$9.4066	\$6.0100	\$0.2176	\$0.0400	\$15.6742
Commercial GS	\$7.3080	\$6.0100	\$0.0547	\$0.0400	\$13.4127
Industrial GS	\$7.2433	\$6.0100	\$0.0252	\$0.0400	\$13.3185
Phila.Housing Authority (PHA)	\$7.5706	\$6.0100	\$0.0000	\$0.0400	\$13.6206
Municipal (MS)	\$6.8659	\$6.0100	\$0.0000	\$0.0400	\$12.9159
Phila.Housing Authority (GS)	\$8.6504	\$6.0100	\$0.2176	\$0.0400	\$14.9180

March 1, 2022 - Distribution Charge

	<u>Delivery</u>	<u>Surcharges</u>				<u>Total</u>	<u>Distribution Charge / Mcf</u> (12)=(11)+(6)
	<u>Delivery Charge</u> (6)	<u>Other Post Employment Benefit</u> (7)	<u>Efficiency Cost Recovery</u> (8)	<u>Universal Service & Ener. Cons.</u> (9)	<u>Restructuring & Consumer Education</u> (10)	<u>Total Surcharges</u> (11)=(7)+(8)+(9)+(10)	
Residential GS	\$7.2955	\$0.3371	\$0.0186	\$1.6331	\$0.0000	\$1.9888	\$9.2843
Commercial GS	\$5.1908	\$0.3371	\$0.0219	\$1.6331	\$0.0000	\$1.9921	\$7.1829
Industrial GS	\$5.1668	\$0.3371	(\$0.0066)	\$1.6331	\$0.0000	\$1.9636	\$7.1304
Phila.Housing Authority (PHA)	\$5.4534	\$0.3371	\$0.0219	\$1.6331	\$0.0000	\$1.9921	\$7.4455
Municipal (MS)	\$4.7765	\$0.3371	\$0.0000	\$1.6331	\$0.0000	\$1.9702	\$6.7467
Phila.Housing Authority (GS)	\$6.5393	\$0.3371	\$0.0186	\$1.6331	\$0.0000	\$1.9888	\$8.5281

Proposed Rates

	<u>03/01/22</u> Distribution Charge (12)	<u>03/01/22</u> GCR (13)	<u>03/01/22</u> MFC (14)	<u>03/01/22</u> GPC (15)	<u>03/01/22</u> Commodity Rate (16)=(12)+(13)+(14)+(15)	<u>Difference</u> (17)=(16)-(5)
	Residential GS	\$9.2843	\$5.6123	\$0.2032	\$0.0400	\$15.1398
Commercial GS	\$7.1829	\$5.6123	\$0.0511	\$0.0400	\$12.8863	(\$0.5264)
Industrial GS	\$7.1304	\$5.6123	\$0.0236	\$0.0400	\$12.8063	(\$0.5122)
Phila.Housing Authority (PHA)	\$7.4455	\$5.6123	\$0.0000	\$0.0400	\$13.0978	(\$0.5228)
Municipal (MS)	\$6.7467	\$5.6123	\$0.0000	\$0.0400	\$12.3990	(\$0.5169)
Phila.Housing Authority (GS)	\$8.5281	\$5.6123	\$0.2032	\$0.0400	\$14.3836	(\$0.5344)

PHILADELPHIA GAS WORKS
MARCH 1, 2022
UNIVERSAL SERVICE & ENERGY CONSERVATION SURCHARGE

	Expenses in the Surcharge
Enhanced Low Income Retrofit Program (ELIRP)	\$ 7,930,553
Customer Responsibility Program (CRP)	\$ 72,231,756
Senior Citizen Discount *	\$ 2,020,606
<u>USC Feb '22 over Collection</u>	<u>\$ (1,443,604)</u>
Total \$ to be Recovered	\$ 80,739,310
 Total Applicable Volumes	 Mcf 49,438,622
 Universal Service & Energy Conservation Surcharge	 <u>\$ 1.6331</u>

* This is the Senior Citizen Discount based on the Distribution Charge without the Universal Services Surcharge plus the GCR. This is used to calculate the Universal Services Surcharge. The total senior citizen discount is \$2,240,039.

**STATEMENT OF RECONCILIATION
UNIVERSAL SERVICES & ENERGY CONSERVATION SURCHARGE
SEPTEMBER 2021 THROUGH FEBRUARY 2022**

Month		USC Applicable Volumes	USC Charge	USC Revenue Billed	USC Expenses	Monthly Over/(Under) Recovery	Cumulative Over/(Under) Recovery
FY 21 Reconciliation							\$ 7,736,115
September 2021	Actual	1,084,185	\$ 1,4927	\$ 1,618,363	\$ 985,594	\$ 632,769	\$ 8,368,884
October	Actual	1,230,794	\$ 1,5844	\$ 1,950,070	\$ 1,978,816	\$ (28,746)	\$ 8,340,138
November	Actual	3,348,003	\$ 1,5844	\$ 5,304,576	\$ 6,528,336	\$ (1,223,761)	\$ 7,116,378
December	Actual	6,220,739	\$ 1,6684	\$ 10,378,371	\$ 12,788,359	\$ (2,409,989)	\$ 4,706,389
January 2022	Estimated	9,897,517	\$ 1,7523	\$ 17,343,419	\$ 18,838,458	\$ (1,495,039)	\$ 3,211,350
February	Estimated	9,422,101	\$ 1,7523	\$ 16,510,348	\$ 18,278,094	\$ (1,767,746)	\$ 1,443,604

USC Expenses	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22
ELIRP Expense	\$ (1,970)	\$ 1,039,826	\$ 840,986	\$ 868,967	\$ 642,739	\$ 642,739
ELIRP Labor	\$ 6,084	\$ 7,361	\$ 7,681	\$ 8,592	\$ 13,285	\$ 13,285
CRP Discount	\$ (1,198,272)	\$ (403,005)	\$ 4,063,623	\$ 10,378,568	\$ 16,742,605	\$ 16,207,246
CRP Forgiveness	\$ 2,120,890	\$ 1,261,234	\$ 1,433,164	\$ 1,197,706	\$ 935,392	\$ 924,017
Senior Citizen Discount	\$ 58,862	\$ 73,400	\$ 182,882	\$ 334,527	\$ 504,436	\$ 490,807
Bad Debt Expense Offset*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 985,594	\$ 1,978,816	\$ 6,528,336	\$ 12,788,359	\$ 18,838,458	\$ 18,278,094

CRP Participation				
Rate Case Participation Rate	80,000	80,000	80,000	80,000
Actual Participation Rate	60,498	60,137	59,281	53,466
CRP Under/(Over) Participation	19,502	19,863	20,719	26,534
Average Shortfall Per CRP Participant				
CRP Discount	\$ (1,198,272)	\$ (403,005)	\$ 4,063,623	\$ 10,378,568
Actual Participation Rate	60,498	60,137	59,281	53,466
Average Shortfall per CRP Participant	\$ (20)	\$ (7)	\$ 69	\$ 194
Shortfall*	\$ -	\$ -	\$ -	\$ -
Bad Debt Expense Offset** 5.75%	\$ -	\$ -	\$ -	\$ -

**Bad Debt Expense Offset Applicable When Actual CRP Participation Exceeds 80,000.

EFFICIENCY COST RECOVERY (ECR) SURCHARGE
MARCH 1, 2022

<u>Program</u>	<u>Residential & PHA GS</u>	<u>Commercial & PHA</u>	<u>Industrial</u>	<u>Total</u>
Residential Heating Equipment Rebate (RHER)				
Program Expense	\$553,980	\$42,376	\$463	\$596,819
Labor Expense	\$58,086	\$4,611	\$50	\$62,747
Low Income Thermostate (LITSTAT)				
Program Expense	\$77,093	\$0	\$0	\$77,093
Labor Expense	\$8,038	\$0	\$0	\$8,038
Commercial & Industrial Equipment Rebate (CIER)				
Program Expense	\$4,891	\$249,523	\$2,898	\$257,312
Labor Expense	\$536	\$25,851	\$317	\$26,704
High-Efficiency Construction Incentive (HECI)				
Program Expense	\$249,841	\$0	\$0	\$249,841
Labor Expense	\$26,836	\$0	\$0	\$26,836
EnergySense Smart Thermostat (TSTAT)				
Program Expense	\$219,224	\$0	\$0	\$219,224
Labor Expense	<u>\$23,386</u>	<u>\$0</u>	<u>\$0</u>	<u>\$23,386</u>
Total Expense	\$1,221,910	\$322,361	\$3,729	\$1,548,001
Prior Period Reconciliation (2/28/22)	<u>\$ (546,127)</u>	<u>\$ (72,397)</u>	<u>\$ (9,257)</u>	<u>\$ (627,781)</u>
Total	\$675,783	\$249,964	-\$5,528	\$920,220
Volumes - Mcf (GCR Firm & Firm Transportation)	36,370,295	11,404,575	841,819	

Efficiency Cost Recovery Surcharge / Mcf	\$0.0186	\$0.0219	(\$0.0066)
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**EFFICIENCY COST RECOVERY (ECR) SURCHARGE
STATEMENT OF RECONCILIATION
FISCAL YEAR 2022**

		<u>Actual</u> <u>Sep-21</u>	<u>Actual</u> <u>Oct-21</u>	<u>Actual</u> <u>Nov-21</u>	<u>Actual</u> <u>Dec-21</u>	<u>Estimated</u> <u>Jan-22</u>	<u>Estimated</u> <u>Feb-22</u>
RESIDENTIAL & PHA GS							
FY 2021 Over-Collection	\$ 440,912						
Volume Billed		673,328	744,906	2,312,821	4,582,274	7,425,980	7,231,928
ECR Surcharge		\$ 0.0203	\$ 0.0211	\$ 0.0211	\$ 0.0214	\$ 0.0217	\$ 0.0217
Revenue Billed		\$ 13,635	\$ 15,718	\$ 48,801	\$ 98,061	\$ 161,144	\$ 156,933
RHER	Expense	\$ (827)	\$ 38,720	\$ 49,174	\$ 38,285	\$ 50,669	\$ 50,669
RHER	Labor	\$ 2,555	\$ 3,092	\$ 6,756	\$ 3,608	\$ 5,138	\$ 5,138
HECI	Expense	\$ (288)	\$ 8,719	\$ (8,431)	\$ 8,929	\$ 21,952	\$ 21,952
HECI	Labor	\$ 889	\$ 1,075	\$ (1,964)	\$ 1,255	\$ 2,326	\$ 2,326
LITSTAT	Expense	\$ (96)	\$ 0	\$ 96	\$ 147	\$ 7,701	\$ 7,701
LITSTAT	Labor	\$ 297	\$ 360	\$ (657)	\$ 420	\$ 778	\$ 778
CIER	Expense	\$ (7)	\$ 479	\$ (472)	\$ 356	\$ 501	\$ 501
CIER	Labor	\$ 21	\$ 25	\$ (46)	\$ 30	\$ 55	\$ 55
TSTAT	Expense	\$ (282)	\$ 1,054	\$ 1,020	\$ 7,824	\$ 21,374	\$ 21,374
TSTAT	Labor	\$ 870	\$ 1,052	\$ (1,666)	\$ 1,228	\$ 2,244	\$ 2,244
Total		\$ 3,132	\$ 54,577	\$ 43,808	\$ 62,081	\$ 112,738	\$ 112,738
Monthly Over/(Under)		\$ 10,503	\$ (38,859)	\$ 4,992	\$ 35,980	\$ 48,405	\$ 44,194
Cumulative Over/(Under)		\$ 451,415	\$ 412,555	\$ 417,548	\$ 453,527	\$ 501,933	\$ 546,127
COMMERCIAL & PHA							
FY 2021 Over-Collection	\$ 53,399						
Volume Billed		369,864	441,706	918,766	1,408,311	2,135,526	1,904,557
ECR Surcharge		\$ 0.0146	\$ 0.0169	\$ 0.0169	\$ 0.0224	\$ 0.0278	\$ 0.0278
Revenue Billed		\$ 5,382	\$ 7,465	\$ 15,527	\$ 31,476	\$ 59,368	\$ 52,947
RHER	Expense	\$ (57)	\$ 2,650	\$ (2,593)	\$ 2,620	\$ 4,212	\$ 4,212
RHER	Labor	\$ 175	\$ 212	\$ (386)	\$ 247	\$ 458	\$ 458
CIER	Expense	\$ (409)	\$ 28,799	\$ 31,059	\$ 21,386	\$ 22,688	\$ 22,688
CIER	Labor	\$ 1,263	\$ 1,528	\$ 5,677	\$ 1,784	\$ 2,248	\$ 2,248
Total		\$ 972	\$ 33,189	\$ 33,757	\$ 26,037	\$ 29,605	\$ 29,605
Monthly Over/(Under)		\$ 4,409	\$ (25,724)	\$ (18,230)	\$ 5,439	\$ 29,762	\$ 23,342
Cumulative Over/(Under)		\$ 57,808	\$ 32,084	\$ 13,854	\$ 19,293	\$ 49,055	\$ 72,397
INDUSTRIAL							
FY 2021 Over-Collection	\$ 16,336						
Volume Billed		31,390	32,253	64,683	103,724	152,583	129,553
ECR Surcharge		\$ (0.0107)	\$ (0.0095)	\$ (0.0095)	\$ (0.0112)	\$ (0.0129)	\$ (0.0129)
Revenue Billed		\$ (336)	\$ (306)	\$ (614)	\$ (1,162)	\$ (1,968)	\$ (1,671)
RHER	Expense	\$ (1)	\$ 29	\$ (28)	\$ 29	\$ 46	\$ 46
RHER	Labor	\$ 2	\$ 2	\$ (4)	\$ 3	\$ 5	\$ 5
CIER	Expense	\$ (4)	\$ 284	\$ (280)	\$ 211	\$ 297	\$ 297
CIER	Labor	\$ 12	\$ 15	\$ (28)	\$ 18	\$ 33	\$ 33
Total		\$ 10	\$ 330	\$ (340)	\$ 260	\$ 380	\$ 380
Monthly Over/(Under)		\$ (346)	\$ (637)	\$ (275)	\$ (1,421)	\$ (2,349)	\$ (2,052)
Cumulative Over/(Under)		\$ 15,990	\$ 15,354	\$ 15,079	\$ 13,658	\$ 11,309	\$ 9,257

**PHILADELPHIA GAS WORKS
LOAD BALANCING CHARGE
March 1, 2022**

Storage and Peaking Asset Cost		\$ 21,454,700
WSS Volumes MDQ	17,557.5	
Daily Demand Charge (Dth)	\$0.45836	\$ 2,937,394
Total Charges		
Total Storage Charges		24,392,094
Design Day Requirements (Mcf)		696,298
Fulfilled from FT Capacity (Mcf)		(298,152)
WSS Storage Withdrawal Volumes MCF		<u>17,030</u>
Fulfilled from Storage and Peaking Assets (Excess Mcf)		415,175
Annual Storage and Peaking Cost per Excess Mcf		\$ 58.7514
Per Mcf Over / (Under) Adjustment		\$ <u>0.3131</u>
Load Balancing Charge		\$ 58.4383

Over / (Under) Recovery	\$ 162,132
Interest	\$ <u>10,232</u>
Total Over/(Under) Recovery	\$ <u>172,365</u>
Forecasted SSPC Volumes	550,492
Per Mcf Over / (Under) Adjustment	\$ 0.3131

Natural Gas Prices Used for PGW's - FY 2021-2022 - 2nd Quarter GCR Filing

Basis Differentials

	TRANSCO					TETCO						NYMEX Futures 01/13/22 Close	TRANSCO									
	Sta 30	Sta 45	Sta 65	Sta. 85	Zone 6- Non-NY	ELA	WLA	STX	M-1	M-2	Dom.S.Pt.		Sta 30	Sta 45	Sta 65	Sta. 85	Zone 6-Non-NY	ELA	WLA	STX	M-1	M-2
	Jan-22	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)		(0.42)	4.055	4.02	4.05	4.06	4.02	5.94	3.80	3.95	4.21
Feb-22	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	5.186	5.08	5.05	5.17	5.18	5.26	5.13	5.11	5.06	5.09	5.09
Mar-22	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	5.305	5.20	5.17	5.29	5.30	5.38	5.25	5.23	5.18	5.21	5.21
Apr-22	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	5.202	5.09	5.06	5.18	5.19	5.27	5.14	5.12	5.07	5.10	5.10
May-22	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	4.912	4.35	4.32	4.44	4.45	4.53	4.40	4.38	4.33	4.36	4.81
Jun-22	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	3.893	3.87	3.84	3.96	3.97	4.05	3.92	3.90	3.85	3.88	3.79
Jul-22	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	3.799	3.85	3.82	3.94	3.95	4.03	3.90	3.88	3.83	3.86	3.70
Aug-22	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	3.836	3.87	3.84	3.96	3.97	4.05	3.92	3.90	3.85	3.88	3.74
Sep-22	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	3.880	3.89	3.86	3.98	3.99	4.07	3.94	3.92	3.87	3.90	3.78
Oct-22	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	3.882	3.90	3.87	3.99	4.00	4.08	3.95	3.93	3.88	3.91	3.78
Nov-22	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	3.865	3.93	3.90	4.02	4.03	4.11	3.98	3.96	3.91	3.94	3.77
Dec-22	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	3.895	4.03	4.00	4.12	4.13	4.21	4.08	4.06	4.01	4.04	3.80
Jan-23	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	3.984	4.12	4.09	4.21	4.22	4.30	4.17	4.15	4.10	4.13	3.88
Feb-23	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	4.153	4.13	4.10	4.22	4.23	4.31	4.18	4.16	4.11	4.14	4.05

Actual Natural Gas Billed

	<u>Oct-21</u>	<u>Nov-21</u>	<u>Dec-21</u>
Williams	\$ 2,844,286	\$ 2,283,929	\$ 2,401,316
Texas Eastern	\$ 3,007,080	\$ 2,182,701	\$ 2,181,178
Eastern Gas	\$ 134,550	\$ 126,292	\$ 130,757
Equitrans	\$ -	\$ -	\$ -
Spot Purchases -Transco	\$ 31,808	\$ -	\$ 108,510
Spot Purchases -Tetco	\$ -	\$ -	\$ -
Transco Supply2	\$ -	\$ -	\$ -
Transco Supply3	\$ -	\$ -	\$ -
Transco Supply6	\$ -	\$ 2,710,050	\$ 2,467,755
Transco Supply7	\$ -	\$ -	\$ -
Transco Supply8	\$ -	\$ -	\$ -
Transco Supply10	\$ -	\$ -	\$ -
Transco Supply12	\$ -	\$ -	\$ -
Transco Supply14	\$ 709,513	\$ -	\$ -
Transco Supply17	\$ -	\$ -	\$ -
Transco Supply20	\$ -	\$ -	\$ -
Transco Supply21	\$ -	\$ -	\$ -
Transco Supply22	\$ -	\$ -	\$ -
Transco Supply23	\$ -	\$ -	\$ -
Transco Supply24	\$ -	\$ -	\$ -
Transco Supply25	\$ -	\$ -	\$ -
Transco Supply26	\$ -	\$ -	\$ -
Transco Supply27	\$ -	\$ -	\$ -
Transco Supply28	\$ -	\$ -	\$ -
Transco Supply29	\$ -	\$ -	\$ -
Transco Supply30	\$ 1,791,250	\$ 1,371,575	\$ 1,427,850
Transco Supply31	\$ -	\$ -	\$ -
Transco Supply32	\$ 1,484,280	\$ 3,049,650	\$ 2,538,125
Transco Supply33	\$ -	\$ -	\$ -
Transco Supply34	\$ 909,385	\$ 1,860,225	\$ 1,691,283
Transco Supply35	\$ 1,269,098	\$ -	\$ -
Transco Supply36	\$ -	\$ -	\$ -
Transco Supply37	\$ 1,415,855	\$ 4,515,675	\$ 4,092,698
Transco Supply40	\$ 398,970	\$ 3,039,352	\$ 2,748,688
Tetco Supply1	\$ -	\$ -	\$ -
Tetco Supply2	\$ -	\$ -	\$ -
Tetco Supply3	\$ -	\$ -	\$ -
Tetco Supply4	\$ -	\$ -	\$ -
Tetco Supply5	\$ -	\$ -	\$ -
Tetco Supply7	\$ -	\$ -	\$ -
Tetco Supply13	\$ -	\$ -	\$ -
Tetco Supply14	\$ -	\$ -	\$ -
Tetco Supply16	\$ -	\$ 2,023,125	\$ 2,520,688
Tetco Supply17	\$ -	\$ -	\$ -
Tetco Supply18	\$ -	\$ -	\$ -
Tetco Supply19	\$ -	\$ -	\$ -
Tetco Supply20	\$ -	\$ -	\$ -
Tetco Supply21	\$ -	\$ -	\$ -
Tetco Supply22	\$ -	\$ -	\$ -
Tetco Supply23	\$ -	\$ -	\$ -
Tetco Supply24	\$ 1,383,144	\$ 817,500	\$ 756,400
Tetco Supply25	\$ -	\$ -	\$ -
Tetco Supply26	\$ 1,668,655	\$ 806,875	\$ 1,566,950
Tetco Supply27	\$ -	\$ -	\$ -
Tetco Supply28	\$ -	\$ -	\$ -
Tetco Supply29	\$ -	\$ -	\$ -
Tetco Supply30	\$ -	\$ -	\$ -
Tetco Supply31	\$ 554,590	\$ -	\$ -
Tetco Supply32	\$ -	\$ -	\$ -
Tetco Supply33	\$ 629,300	\$ 2,596,158	\$ 2,380,787
Tetco Supply34	\$ 388,043	\$ 458,325	\$ 420,593
Tetco Supply35	\$ -	\$ 1,251,578	\$ 2,268,905
Tetco Supply36	\$ -	\$ -	\$ -
Tetco Supply37	\$ 1,385,700	\$ 2,023,125	\$ 1,869,688
Tetco Supply38	\$ 554,590	\$ -	\$ -
Total Costs	\$ 20,560,095	\$ 31,116,135	\$ 31,572,168
Sharing Mechanism	\$ 40,853	\$ 369,579	\$ 381,899
Asset Management Agreement	\$ -	\$ -	\$ -
Off System Sales	\$ -	\$ -	\$ -
Gas Transportation Purchases	\$ -	\$ -	\$ -
Adjustment/Reconciliation	\$ 114,208	\$ 45,299	\$ (172,628)
Total Natural Gas Billed	\$ 20,715,156	\$ 31,531,013	\$ 31,781,438

**Philadelphia Gas Works
Summary of Fuels Purchased
Three Months Ending December 2021**

	<u>Actual</u>				<u>Total</u>	<u>Projected 4th Qtr Filing Oct-21</u>	<u>Projected 1st Qtr Filing Nov-21</u>	<u>Projected 1st Qtr Filing Dec-21</u>	<u>Total</u>	<u>Actual Over/Under vs Projected</u>			
	<u>Oct-21</u>	<u>Nov-21</u>	<u>Dec-21</u>	<u>Total</u>						<u>Oct-21</u>	<u>Nov-21</u>	<u>Dec-21</u>	<u>Total</u>
Total Natural Gas Billed	\$ 20,715,156	\$ 31,531,013	\$ 31,781,438	\$ 84,027,607	\$ 21,035,374	\$ 34,067,729	\$ 32,692,195	\$ 87,795,298	\$ (320,218)	\$ (2,536,716)	\$ (910,757)	\$ (3,767,691)	
Less Imbalance Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Less Interruptible Credit	\$ 138,408	\$ 202,897	\$ 178,889	\$ 520,194	\$ 66,120	\$ 100,794	\$ 99,166	\$ 266,080	\$ 72,288	\$ 102,103	\$ 79,723	\$ 254,114	
Gas Used For Utility	\$ 32,755	\$ 145,829	\$ 188,388	\$ 366,972	\$ 46,341	\$ 115,322	\$ 175,615	\$ 337,278	\$ (13,586)	\$ 30,507	\$ 12,773	\$ 29,694	
	\$ 20,543,993	\$ 31,182,287	\$ 31,414,161	\$ 83,140,441	\$ 20,922,914	\$ 33,851,612	\$ 32,417,414	\$ 87,191,940	\$ (378,921)	\$ (2,669,325)	\$ (1,003,253)	\$ (4,051,499)	
Pipeline Storages													
(To)	\$ (7,042,759)	\$ (2,789,341)	\$ (3,297,293)	\$ (13,129,393)	\$ (7,247,704)	\$ (3,835,234)	\$ (435,237)	\$ (11,518,175)	\$ 204,945	\$ 1,045,893	\$ (2,862,056)	\$ (1,611,218)	
From	\$ 53,416	\$ 2,792,343	\$ 2,748,204	\$ 5,593,963	\$ -	\$ 1,940,970	\$ 8,049,596	\$ 9,990,566	\$ 53,416	\$ 851,373	\$ (5,301,392)	\$ (4,396,603)	
Net Pipeline Storages	\$ (6,989,343)	\$ 3,002	\$ (549,089)	\$ (7,535,430)	\$ (7,247,704)	\$ (1,894,264)	\$ 7,614,359	\$ (1,527,609)	\$ 258,361	\$ 1,897,266	\$ (8,163,448)	\$ (6,007,821)	
LNG Storage													
(To)	\$ (721,935)	\$ (2,696,800)	\$ (657,264)	\$ (4,075,999)	\$ (603,866)	\$ (1,961,668)	\$ (1,248,203)	\$ (3,813,737)	\$ (118,069)	\$ (735,132)	\$ 590,939	\$ (262,262)	
From	\$ 229,726	\$ 299,820	\$ 334,603	\$ 864,149	\$ 221,493	\$ 221,320	\$ 1,154,914	\$ 1,597,726	\$ 8,233	\$ 78,500	\$ (820,311)	\$ (733,577)	
Net LNG Storage	\$ (492,209)	\$ (2,396,980)	\$ (322,661)	\$ (3,211,850)	\$ (382,374)	\$ (1,740,348)	\$ (93,289)	\$ (2,216,011)	\$ (109,835)	\$ (656,632)	\$ (229,372)	\$ (995,839)	
Net Natural Gas	\$ 13,062,441	\$ 28,788,309	\$ 30,542,411	\$ 72,393,161	\$ 13,292,836	\$ 30,217,000	\$ 39,938,484	\$ 83,448,321	\$ (230,395)	\$ (1,428,691)	\$ (9,396,073)	\$ (11,055,160)	
APPLICABLE GCR EXPENSES													
Net Natural Gas Expense	\$ 13,062,441	\$ 28,788,309	\$ 30,542,411	\$ 72,393,161	\$ 13,292,836	\$ 30,217,000	\$ 39,938,484	\$ 83,448,321	\$ (230,395)	\$ (1,428,691)	\$ (9,396,073)	\$ (11,055,160)	
Purchased Electric & Misc	\$ 26,362	\$ 19,612	\$ 2,953	\$ 48,927	\$ 37,673	\$ 51,599	\$ 48,280	\$ 137,552	\$ (11,311)	\$ (31,987)	\$ (45,327)	\$ (88,625)	
Total GCR Expenses	\$ 13,088,803	\$ 28,807,921	\$ 30,545,364	\$ 72,442,088	\$ 13,330,509	\$ 30,268,599	\$ 39,986,765	\$ 83,585,873	\$ (241,706)	\$ (1,460,678)	\$ (9,441,401)	\$ (11,143,785)	