



PHILADELPHIA GAS WORKS

800 West Montgomery Avenue • Philadelphia, PA 19122

Craig Berry, Senior Attorney
Legal Department
Direct Dial: 215-684-6049
FAX: 215-684-6798
E-mail: craig.berry@pgworks.com

May 31, 2023

Via E-Filing Only

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

Re: PUC v. Philadelphia Gas Works (3rd Quarter 2022-2023 GCR in Docket Number R-2022-3030686)

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. 164;
- 2) PGW Gas Supplier Tariff, Pa. P.U.C. No. 1, Supplement No. 108; and
- 3) Supporting Schedules for PGW's 3rd Quarter Gas Cost Rate filing.

These supplements are being filed to implement PGW's 3rd Quarter 2022-2023 GCR consistent with the Commission's Order entered July 14, 2022, at Docket No. R-2022-3030686 approving PGW's 2022-2023 Gas Cost Rate. The tariff supplements are to become effective on June 1, 2023.

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 3rd Quarter 2022-2023 GCR upon the persons listed below in the manner indicated in accordance with the requirements of 52 Pa. Code Section 1.54.

Via Email

Christy M. Appleby, Esq.
Aron J. Beatty, Esq.
Office of Consumer Advocate
5th Floor, Forum Place Bldg.
555 Walnut Street
Harrisburg, PA 17101-1921
cappleby@paoca.org
abeatty@paoca.org

Sharon Webb, Esq.
Office of Small Business Advocate
Commerce Building, Suite 202
Forum Place
555 Walnut Street, 1st Floor
Harrisburg, PA 17101
swebb@pa.gov

Allison Kaster, Esq.
Bureau of Investigation & Enforcement
PA Public Utility Commission
P.O. Box 3265
Harrisburg, PA 17105-3265
akaster@pa.gov

Charis Mincavage, Esq.
Adeolu Bakare, Esq.
Jo-Anne Thompson, Esq.
McNees Wallace & Nurick
100 Pine Street
Harrisburg, PA 17101
cmincavage@mcneeslaw.com
abakare@mcneeslaw.com
jthompson@mcneeslaw.com

Jerome D. Mierzwa
Exeter Associates, Inc.
10480 Little Patuxent Parkway
Columbia, MD 21044
jmierzwa@exeterassociates.com

Robert Knecht
Industrial Economics, Incorporated
2067 Massachusetts Ave.
Cambridge, MA 02140
rdk@indecon.com

Dated: May 31, 2023

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

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

Supplement No. 164

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 June 1, 2023 in accordance with
the Commission's Order entered July 14, 2022 at Docket No. R-2022-3030696
approving PGW's 2022-2023 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 June 1, 2023, decreases from \$0.00463 per Ccf to \$0.00237 per Ccf.

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

In the definition of “IRC,” the IRC value effective June 1, 2023 is \$0.00132 per Ccf. In the definition of “SSC,” the SSC value effective June 1, 2023, decreases from \$0.49402 per Ccf to \$0.35411 per Ccf.

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

The Gas Cost Rate (GCR) effective June 1, 2023, decreases from \$0.49740 per Ccf to \$0.35516 per Ccf.

PRICE TO COMPARE (PAGE No. 78)

The Prices to Compare effective June 1, 2023 are: (a) \$0.37334 per Ccf for Residential (GS-RES); (b) \$0.37334 per Ccf for Public Housing Customers (GS-PH); (c) \$0.36371 per Ccf for Commercial (GS-COM); (d) \$0.36197 per Ccf for Industrial (GS-IND); (e) \$0.36048 per Ccf for Municipal Service (MS); (f) \$0.36048 per Ccf for Philadelphia Housing Authority (PHA); and (g) \$0.36048 per Ccf for Natural Gas Vehicle Service (NGVS).

EFFICIENCY COST RECOVERY SURCHARGE (PAGE No. 80)

The Efficiency Cost Recovery Surcharge rates effective June 1, 2023 are: (a) \$0.00327 per Ccf for Residential and Public Housing Customers on Rate GS; (b) \$0.00184 per Ccf for Commercial Customers on Rate GS; (c) \$(0.00013) per Ccf for Industrial Customers on Rate GS; and, (d) \$0.00184 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 June 1, 2023, decreases from \$0.15461 per Ccf to \$0.14591 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 June 1, 2023, decreases from \$0.49740 per Ccf to \$0.35516 per Ccf.

TABLE OF CONTENTS

	<u>Page Number</u>
List of Changes Made By This Tariff_____	One Hundred Fifty Fourth Revised 2
Description of Territory Served_____	5
Table of Contents_____	One Hundred Fifty Third Revised 6
Definitions_____	Second Revised 10
<u>RULES and REGULATIONS:</u>	
1. The Gas Service Tariff_____	First Revised 15
2. Application and Contract for Gas Service_____	Sixth Revised 17
3. Credit and Deposit_____	Third Revised 21
4. Billing and Payment_____	Second Revised 26
5. Termination and/or Discontinuance of Gas Service_____	Second Revised 30
6. Termination of Service for Safety Reasons and Curtailment of Service/ Service Continuity_____	First Revised 38
7. Inquiry, Review, Dispute, and Appeals Process_____	First Revised 41
8. Customer’s Responsibility for Company’s Property_____	First Revised 44
9. Conditions of Service, Point of Delivery, and Application of Rates_____	Third Revised 47
10. Extensions and Rights-Of-Way_____	First Revised 50
11. Meters: Measurements, Readings, Errors, and Tests_____	First Revised 53
12. Service Charges and Miscellaneous Fees and Provisions_____	Second Revised 57
13. Universal Service And Energy Conservation Programs_____	Second Revised 59
14. Gas Choice Enrollment and Switching_____	First Revised 63
15. Supplier of Last Resort_____	First Revised 63

	<u>Page Number</u>
RATES (Cover Page) _____	66
Gas Cost Rate _____	Ninety Seventh Revised 67
Revenue Reconciliation Adjustment (RAA) Rider _____	70
Senior Citizen Discount _____	First Revised 72
Exit Fee Rider _____	77
Merchant Function & Gas Procurement Charges; Price to Compare _____	Fifty Fourth Revised 78
Efficiency Cost Recovery Mechanism _____	Sixty Fourth Revised 80
Universal Services Surcharge _____	Ninety Ninth Revised 81
Other Post Employment Benefit Surcharge _____	Nineteenth Revised 82
General Service – Rate GS _____	One Hundred Twelfth Revised 83
Municipal Service – Rate MS _____	One Hundred Twelfth Revised 87
Philadelphia Housing Authority Service – Rate PHA _____	One Hundred Twelfth Revised 90
Daily Balancing Service – Rate DB _____	101
Interruptible Transportation Service – Rate IT _____	111
Gas Transportation Service – Rate GTS – Firm Service _____	First Revised 118
Gas Transportation Service – Rate GTS – Interruptible _____	124
Cogeneration Service – Rate CG _____	Fifth Revised 131
Developmental Natural Gas Vehicle Service – Rate NGVS Firm Service _____	Eightieth Revised 135
Developmental Natural Gas Vehicle Service – Rate NGVS Interruptible Service _____	139
SPECIAL PROVISION – Air Conditioning Rider _____	143
SPECIAL PROVISION – Compressed Natural Gas Rider _____	145
SPECIAL PROVISION – Emergency/Unauthorized Use Gas Rider _____	147
Weather Normalization Adjustment Clause _____	Sixth Revised 149
Distribution System Improvement Charge _____	Twenty Fourth Revised 151
Backup Service – Rate BUS _____	First Revised 154
Technology and Economic Development Rider and Micro-Combined Heat and Power Incentives _____	First Revised 155
Negotiated Liquefied Natural Gas Service – Rate LNG-N _____	First Revised 156

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.

(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 \$0.00149 per Ccf for Commodity Costs and \$0.00088 per Ccf for Demand Costs, for service on or after June 1, 2023. The total GAC is \$0.00237 per Ccf.

(D)

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.

(D) – Decrease

IRC - Interruptible Revenue Credit - The credit defined in Subsection VI below. The currently effective IRC is \$0.00132 per Ccf for service on or after June 1, 2023.

(I)

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 \$0.21760 per Ccf for Commodity Costs and \$0.13651 per Ccf for Demand Costs, for service on or after June 1, 2023. The total SSC is \$0.35411 per Ccf.

(D)

(I) – Increase, (D) – Decrease

PHILADELPHIA GAS WORKS

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 \$0.35516 per Ccf, for service on or after June 1, 2023.

(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	\$0.35411	\$0.35411	\$0.35411	\$0.35411	\$0.35411	\$0.35411	\$0.35411	(C)
GAC	\$0.00237	\$0.00237	\$0.00237	\$0.00237	\$0.00237	\$0.00237	\$0.00237	(C)
MFC	\$0.01286	\$0.01286	\$0.00323	\$0.00149	\$0.00000	\$0.00000	\$0.00000	(C)
GPC	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	(C)
PTC	\$0.37334	\$0.37334	\$0.36371	\$0.36197	\$0.36048	\$0.360485	\$0.36048	(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) \$0.00327 per Ccf for Residential and Public Housing Customers on Rate GS; | (I) |
| b) \$0.00184 per Ccf for Commercial Customers on Rate GS; | (D) |
| c) \$(0.00013) per Ccf for Industrial Customers on Rate GS; | (I) |
| d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and | (NC) |
| e) \$0.00184 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.

(D) – Decrease; (I) – Increase; (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 = \$0.14591/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 June 1, 2023. **(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):

\$0.35516 per Ccf for Residential and Public Housing **(D)**
\$0.35516 per Ccf for Commercial Customers **(D)**
\$0.35516 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 June 1, 2023.

(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):

\$0.35516 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 June 1, 2023.

(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):

\$0.35516 per Ccf

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
June 1, 2023.

(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):

\$0.35516 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. 108

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 June 1, 2023 in accordance with
the Commission's Order entered July 14, 2022 at Docket No. R-2022-3030696
approving PGW's 2022-2023 Gas Cost Rate

List of Changes Made by this Tariff

TABLE OF CONTENTS (Page No. 6)

Updated to reflect revised page numbers.

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

The load balancing charge effective June 1, 2023, is \$59.1593 per design day Mcf.

TABLE OF CONTENTS

	<u>Page Number</u>
List of Changes Made By This Tariff _____	One Hundred Fifth Revised 2
Checksheet _____	First Revised 4
Description of Territory Served _____	5
Table of Contents _____	One Hundred Fourth Revised 6
Table of Contents (continued) _____	7
Definitions _____	Second Revised 10
<u>RULES and REGULATIONS:</u>	
1. The Supplier Tariff _____	14
2. Availability _____	16
3. Character of Service _____	18
4. Supplier Qualification _____	20
5. Customer List _____	First Revised 23
6. Supplier Selection Procedures _____	First Revised 26
7. Supplier Obligations _____	First Revised 29
8. Operational Requirements _____	33
9. Special Provisions _____	37
10. Nomination Procedure _____	42
11. Financial Security _____	44
12. Supplier Billing and Payment _____	First Revised 46
13. Supplier Exit Procedures _____	First Revised 52
14. Breach of Obligations _____	57
15. Standards of Conduct _____	60

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 \$59.1593 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.

(D)

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.

(D) – Decrease

Supporting Schedules
June 1, 2023
3rd QUARTER
GCR FILING

June 1, 2023

3rd QUARTER GCR FILING

TABLE OF CONTENTS

Levelized Gas Cost Rate	Schedule 1
Price to Compare (\$/MCF)	Schedule 1(a)
Sales & Volumes	Schedule 2
Projected Applicable Fuel Expense	Schedule 3
Fiscal Year 2023 Actual Data – September 2022 Through May 2023	Schedule 4(a)
C-Factor Reconciliation – September 2022 Through May 2023	Schedule 4(b)
E-Factor Reconciliation – Fiscal Year 2023	Schedule 4(c)
IRC-Factor Revenue Billed – September 2022 Through May 2023	Schedule 4(d)
Reconciliation of Demand Charges – September 2022 Through May 2023	Schedule 4(e)
Interruptible Revenue Credit (“IRC”) - June 1, 2023	Schedule 5(a)
Interruptible Revenue Margin – June 2023 Through May 2024	Schedule 5(b)
Calculation of Recovered Charges	Schedule 6
Change in Rates	Schedule 7
Universal Service & Energy Conservation Surcharge (“USC”)	Schedule 8
USC Surcharge Statement of Reconciliation - Sept. 2022 To May 2023	Schedule 9
Efficiency Cost Recovery (“ECR”) Surcharge	Schedule 10(a)
ECR Surcharge Statement of Reconciliation	Schedule 10(b)
Load Balancing Charge - June 1, 2023	Schedule 11
Natural Gas Prices	Schedule 12
Actual Natural Gas Billed	Schedule 13
Summary of Fuels Purchased	Schedule 14

Philadelphia Gas Works

Levelized Gas Cost Rate

June 1, 2023

Formula:

GCR = SSC + GAC - IRC

where:

	<u>Demand</u>	<u>Commodity</u>	<u>Total</u>	
S = Firm Sales (Mcf)			36,259,412	Schedule 2
<hr/>				
Net Natural Gas Expense	\$ 64,023,212	\$ 120,036,509	\$ 184,059,721	
Purchased Electric & Misc Expense:	\$ -	\$ 464,559	\$ 464,559	
Total Natural Gas Expense	\$ 64,023,212	\$ 120,501,068	\$ 184,524,280	Schedule 3
C-Factor Reconciliation	\$ (13,104,873)	\$ (39,336,009)	\$ (52,440,882)	Schedule 4(b)
C = Total Applicable GCR Expense	\$ 50,918,339	\$ 81,165,059	\$ 132,083,398	
SSC = C / S	\$ 1.4043	\$ 2.2384	\$ 3.6427	
<hr/>				
Adjustment For:				
E-Factor Volumes (Mcf)			2,522,899	
E-Factor Reconciliation	\$ 320,924	\$ 547,377	\$ 868,302	Schedule 4(c)
	\$ 320,924	\$ 547,377	\$ 868,302	
E = E-Factor	\$ 0.1272	\$ 0.2170	\$ 0.3442	
<hr/>				
Interruptible Revenue Credit			\$ 479,060	Schedule 5(a)
IRC = Interruptible Revenue Credit / S			\$ 0.0132	
<hr/>				
Net Applicable GCR Expenses = C + E - Interruptible Revenue Credit			\$ 132,472,640	
<u>GCR = SSC + GAC - IRC</u>			\$ 3.9737	
<hr/>				
SSC in effect 6/01/23	\$ 1.3651	\$ 2.1760	\$ 3.5411	
GAC in effect 6/01/23	\$ 0.0088	\$ 0.0149	\$ 0.0237	
IRC in effect 6/01/23			\$ (0.0132)	
GCR in effect 6/01/23			\$ 3.5516	Schedule 6
<hr/>				
Recovery Test on:				
Firm Sales (Mcf)			36,259,412	
= GCR Projected Recovery		\$	129,444,291	
= Load Balancing Revenue		\$	3,003,784	
= LNG Sales Demand Revenue		\$	28,086	
= Total Projected Recovery		\$	132,476,160	Schedule 6
Compared To				
Net Applicable GCR Expenses		\$	132,472,640	
= Net Over/(Under) Recovery		\$	3,521	
<hr/>				
Degree Days			3,923	

Philadelphia Gas Works

Price To Compare (\$ / MCF)

June 1, 2023

	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	\$3.5516	\$0.0105	\$3.5411	3.62%	\$0.1286	\$0.0400	\$0.0237	\$3.7334
Commercial GS	\$3.5516	\$0.0105	\$3.5411	0.91%	\$0.0323	\$0.0400	\$0.0237	\$3.6371
Industrial GS	\$3.5516	\$0.0105	\$3.5411	0.42%	\$0.0149	\$0.0400	\$0.0237	\$3.6197
Phila. Housing Authority (PHA)	\$3.5516	\$0.0105	\$3.5411	0.00%	\$0.0000	\$0.0400	\$0.0237	\$3.6048
Municipal (MS)	\$3.5516	\$0.0105	\$3.5411	0.00%	\$0.0000	\$0.0400	\$0.0237	\$3.6048
NGV Firm	\$3.5516	\$0.0105	\$3.5411	0.00%	\$0.0000	\$0.0400	\$0.0237	\$3.6048
Phila. Housing Authority (GS)	\$3.5516	\$0.0105	\$3.5411	3.62%	\$0.1286	\$0.0400	\$0.0237	\$3.7334

SALES & VOLUMES

JUNE 2023 THROUGH MAY 2024

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)
JUNE	2023	1,220,285	253,717	966,568	27,095	3,922	-	935,551	1,912	1,187,356
JULY		1,074,255	227,920	846,335	27,999	4,052	-	814,284	1,608	1,040,596
AUGUST		1,022,781	217,666	805,115	27,999	4,052	-	773,064	1,511	989,220
SEPTEMBER		1,035,783	211,381	824,401	27,021	1,639	-	795,741	1,440	1,005,682
OCTOBER		1,356,600	279,422	1,077,178	27,922	1,694	-	1,047,562	1,967	1,325,017
NOVEMBER		2,928,855	511,465	2,417,390	27,021	1,639	-	2,388,729	5,456	2,894,738
DECEMBER		5,275,647	853,794	4,421,853	27,922	1,694	-	4,392,237	10,536	5,235,495
JANUARY	2024	9,417,012	1,382,664	8,034,347	27,922	1,694	-	8,004,731	19,962	9,367,434
FEBRUARY		8,047,039	1,183,026	6,864,013	26,121	1,585	-	6,836,308	16,770	8,002,564
MARCH		6,134,288	925,729	5,208,559	27,922	1,694	-	5,178,943	12,282	6,092,390
APRIL		4,134,967	619,368	3,515,599	27,021	1,639	-	3,486,938	8,063	4,098,243
MAY		<u>1,969,278</u>	<u>334,338</u>	<u>1,634,940</u>	<u>27,922</u>	<u>1,694</u>	-	<u>1,605,324</u>	<u>3,249</u>	<u>1,936,413</u>
TOTAL		43,616,788	7,000,491	36,616,297	329,887	26,999	-	36,259,412	84,754	43,175,149

**Projected Applicable Fuel Expense
SUMMARY
FY22-23 3rd Quarter Filing**

	JUNE 2023	JULY 2023	AUGUST 2023	SEPTEMBER 2023	OCTOBER 2023	NOVEMBER 2023	DECEMBER 2023	JANUARY 2024	FEBRUARY 2024	MARCH 2024	APRIL 2024	MAY 2024	TOTAL
NATURAL GAS BILLED													
DEMAND CHARGE	\$ 5,290,039	\$ 5,245,844	\$ 5,243,854	\$ 4,569,198	\$ 4,502,492	\$ 5,712,858	\$ 6,107,541	\$ 6,106,877	\$ 6,138,746	\$ 6,043,827	\$ 4,564,438	\$ 4,497,498	\$ 64,023,212
COMMODITY CHARGE	\$ 4,567,482	\$ 4,794,260	\$ 4,536,542	\$ 4,425,066	\$ 6,767,987	\$ 8,886,460	\$ 12,783,486	\$ 11,088,063	\$ 12,671,225	\$ 11,703,549	\$ 8,150,501	\$ 9,172,180	\$ 99,546,802
TOTAL NATURAL GAS BILLED	\$ 9,857,521	\$ 10,040,104	\$ 9,780,396	\$ 8,994,264	\$ 11,270,479	\$ 14,599,318	\$ 18,891,027	\$ 17,194,941	\$ 18,809,972	\$ 17,747,376	\$ 12,714,939	\$ 13,669,679	\$ 163,570,014
INTERRUPTIBLE & A/C CREDIT	\$ 55,364	\$ 62,116	\$ 63,580	\$ 60,907	\$ 64,982	\$ 81,137	\$ 99,790	\$ 107,572	\$ 95,316	\$ 91,742	\$ 82,800	\$ 80,048	\$ 945,355
SENDOUT VOLUME IN MCF	27,762	28,687	28,687	27,686	28,609	27,686	28,609	28,609	26,763	28,609	27,686	28,609	338,000
DKT CONVERSION FACTOR	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	
PRICE \$/DKT	\$ 1.9287	\$ 2.0941	\$ 2.1435	\$ 2.1276	\$ 2.1967	\$ 2.8343	\$ 3.3734	\$ 3.6365	\$ 3.4444	\$ 3.1014	\$ 2.8924	\$ 2.7060	
GAS USED FOR UTILITY	\$ 15,285	\$ 13,420	\$ 15,748	\$ 17,454	\$ 25,587	\$ 69,164	\$ 155,976	\$ 213,232	\$ 194,071	\$ 124,507	\$ 72,727	\$ 34,750	\$ 951,921
NATURAL GAS TO STORAGE	\$ (3,159,289)	\$ (3,193,870)	\$ (2,895,098)	\$ (2,800,216)	\$ (2,842,018)	\$ (39,717)	\$ -	\$ -	\$ -	\$ -	\$ (2,847,995)	\$ (5,542,051)	\$ (23,320,255)
FROM STORAGE PGW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,782,283	\$ 8,941,082	\$ 18,142,980	\$ 10,636,471	\$ 4,789,785	\$ 2,555,675	\$ -	\$ 47,848,275
FT FROM STORAGE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 52,366	\$ 647,583	\$ 1,136,724	\$ 770,582	\$ 213,708	\$ 7,345	\$ -	\$ 2,828,308
NET NATURAL GAS STORAGE	\$ (3,159,289)	\$ (3,193,870)	\$ (2,895,098)	\$ (2,800,216)	\$ (2,842,018)	\$ 2,742,566	\$ 8,941,082	\$ 18,142,980	\$ 10,636,471	\$ 4,789,785	\$ (292,320)	\$ (5,542,051)	\$ 24,528,019
LNG TO STORAGE	\$ -	\$ -	\$ -	\$ (58)	\$ (307,461)	\$ (1,307,484)	\$ (1,244,794)	\$ (1,077,356)	\$ (1,140,580)	\$ (929,010)	\$ (573,159)	\$ (176,496)	\$ (6,756,399)
FROM LNG PGW	\$ 364,625	\$ 376,779	\$ 376,779	\$ 354,818	\$ 364,567	\$ 351,442	\$ 364,607	\$ 666,188	\$ 416,614	\$ 371,693	\$ 356,683	\$ 366,082	\$ 4,730,875
FT FROM LNG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NET LNG STORAGE	\$ 364,625	\$ 376,779	\$ 376,779	\$ 354,759	\$ 57,106	\$ (956,042)	\$ (880,187)	\$ (411,168)	\$ (723,966)	\$ (557,317)	\$ (216,476)	\$ 189,585	\$ (2,025,524)
LNG SALES FROM LNG TANK	\$ 16,851	\$ 17,413	\$ 17,413	\$ 7,044	\$ 7,279	\$ 6,959	\$ 7,118	\$ 7,174	\$ 6,797	\$ 7,300	\$ 6,994	\$ 7,169	\$ 115,512
SENDOUT VOLUMES (MCF)	3,922	4,052	4,052	1,639	1,694	1,639	1,694	1,694	1,585	1,694	1,639	1,694	26,999
@ AVG LNG COMMODITY RATE	\$ 4.2970	\$ 4.2970	\$ 4.2970	\$ 4.2970	\$ 4.2970	\$ 4.2453	\$ 4.2018	\$ 4.2352	\$ 4.2890	\$ 4.3092	\$ 4.2666	\$ 4.2323	
NET NATURAL GAS EXPENSE	\$ 6,975,357	\$ 7,130,064	\$ 7,165,336	\$ 6,463,402	\$ 8,387,718	\$ 16,228,581	\$ 26,689,038	\$ 34,598,774	\$ 28,426,292	\$ 21,756,294	\$ 12,043,621	\$ 8,195,246	\$ 184,059,721
APPLICABLE GCR EXPENSE													
NET NATURAL GAS EXPENSE	\$ 6,975,357	\$ 7,130,064	\$ 7,165,336	\$ 6,463,402	\$ 8,387,718	\$ 16,228,581	\$ 26,689,038	\$ 34,598,774	\$ 28,426,292	\$ 21,756,294	\$ 12,043,621	\$ 8,195,246	\$ 184,059,721
PURCHASED ELECTRIC & MISC	\$ 36,853	\$ 22,778	\$ 33,434	\$ 24,409	\$ 28,784	\$ 26,057	\$ 23,127	\$ 28,679	\$ 29,742	\$ 38,151	\$ 26,065	\$ 21,480	\$ 339,559
PLANALYTICS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000
TOTAL APPLICABLE EXPENSES	\$ 7,012,209	\$ 7,152,842	\$ 7,198,770	\$ 6,487,811	\$ 8,416,502	\$ 16,254,638	\$ 26,712,165	\$ 34,752,453	\$ 28,456,034	\$ 21,794,445	\$ 12,069,686	\$ 8,216,726	\$ 184,524,280
TOTAL GCR FIRM SALES	935,551	814,284	773,064	795,741	1,047,562	2,388,729	4,392,237	8,004,731	6,836,308	5,178,943	3,486,938	1,605,324	36,259,412

**ACTUAL / ESTIMATED DATA - FISCAL YEAR 2023
PHILADELPHIA GAS WORKS**

<u>Rate</u>	<u>7/1/2022</u>	<u>Split Month 9/1/2022</u>	<u>10/1/2022</u>	<u>Split Month 12/1/2022</u>	<u>1/1/2023</u>	<u>Split Month 3/1/2023</u>	<u>4/1/2023</u>	<u>Split Month 6/1/2023</u>	<u>7/1/2023</u>
SSC in Effect	\$ 9.1655	\$ 8.8381	\$ 8.5106	\$ 8.2042	\$ 7.8977	\$ 6.4190	\$ 4.9402	\$ 4.2407	\$ 3.5411
GAC in Effect	\$ (0.1505)	\$ (0.0070)	\$ 0.1366	\$ 0.1366	\$ 0.1366	\$ 0.0915	\$ 0.0463	\$ 0.0350	\$ 0.0237
IRC in Effect	\$ (0.0093)	\$ (0.0097)	\$ (0.0101)	\$ (0.0101)	\$ (0.0101)	\$ (0.0113)	\$ (0.0125)	\$ (0.0129)	\$ (0.0132)
Total Effective	\$ 9.0057	\$ 8.8214	\$ 8.6371	\$ 8.3307	\$ 8.0242	\$ 6.4991	\$ 4.9740	\$ 4.2628	\$ 3.5516

Percentage of Total

C-Factor	101.8%	100.2%	98.5%	98.5%	98.4%	98.8%	99.3%	99.5%	99.7%
E-Factor	-1.7%	-0.1%	1.6%	1.6%	1.7%	1.4%	0.9%	0.8%	0.7%
IRC-Factor	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.2%	-0.3%	-0.3%	-0.4%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

C-Factor

Demand Charge in Effect	\$ 1.9504	\$ 1.9286	\$ 1.9067	\$ 2.0053	\$ 2.1038	\$ 1.7113	\$ 1.3188	\$ 1.3420	\$ 1.3651
Commodity in Effect	\$ 7.2151	\$ 6.9095	\$ 6.6039	\$ 6.1989	\$ 5.7939	\$ 4.7077	\$ 3.6214	\$ 2.8987	\$ 2.1760
	\$ 9.1655	\$ 8.8381	\$ 8.5106	\$ 8.2042	\$ 7.8977	\$ 6.4190	\$ 4.9402	\$ 4.2407	\$ 3.5411

Percentage of Total

Demand Charge in Effect	21.3%	21.8%	22.4%	24.4%	26.6%	26.7%	26.7%	31.6%	38.6%
Commodity in Effect	78.7%	78.2%	77.6%	75.6%	73.4%	73.3%	73.3%	68.4%	61.4%
	100%	100%	100%	100%	100%	100%	100%	100%	100%

	<u>C-Factor Over/(Under)</u>	<u>E-Factor Over/(Under)</u>	<u>Interest Over/(Under)</u>	<u>FY 2022 Final E-Factor</u>
<u>Fiscal Year 2022 E-Factor</u>	\$ (11,450,832)	\$ 5,630,296	\$ (415,944)	\$ (6,236,480)

Actual

<u>Fiscal Year 2022-2023</u>	<u>Sep-2022 Actual</u>	<u>Oct-2022 Actual</u>	<u>Nov-2022 Actual</u>	<u>Dec-2022 Actual</u>	<u>Jan-2023 Actual</u>	<u>Feb-2023 Actual</u>	<u>Mar-2023 Actual</u>	<u>Apr-2023 Actual</u>	<u>May-2023 Estimated</u>
GCR Firm Sales	817,159	1,462,604	2,490,685	5,352,924	6,724,633	5,765,626	5,441,531	3,271,616	1,564,418
GCR Revenue Billed	\$ 7,201,117	\$ 12,613,579	\$ 21,520,311	\$ 44,447,241	\$ 54,122,401	\$ 46,292,330	\$ 34,733,532	\$ 16,354,123	\$ 7,781,416
Migration Rider Revenue Billed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Load Balancing Billed	\$ 147,057	\$ 72,928	\$ 527,633	\$ 232,289	\$ 240,357	\$ 241,383	\$ 244,112	\$ 245,280	\$ 252,970
LNG Sales Demand Charge Credit	\$ -	\$ -	\$ -	\$ -	\$ 51,945	\$ -	\$ -	\$ -	\$ -
Total Revenue Billed	\$ 7,348,174	\$ 12,686,507	\$ 22,047,944	\$ 44,679,530	\$ 54,414,704	\$ 46,533,713	\$ 34,977,644	\$ 16,599,403	\$ 8,034,386
Natural Gas Refunds	\$ -	\$ 3,358	\$ 666	\$ -	\$ 76	\$ 401,883	\$ -	\$ 4,627,034	\$ -
Demand Charges	\$ 6,960,932	\$ 7,644,875	\$ 5,256,730	\$ 5,285,159	\$ 5,197,303	\$ 5,185,524	\$ 5,091,296	\$ 5,093,921	\$ 5,249,823
Supply Charges	\$ 5,072,487	\$ 10,897,705	\$ 19,016,480	\$ 49,983,766	\$ 26,687,183	\$ 22,140,214	\$ 13,285,375	\$ (3,755,781)	\$ 2,284,504
Net Cost of Fuel	\$ 12,033,418	\$ 18,542,581	\$ 24,273,210	\$ 55,268,925	\$ 31,884,486	\$ 27,325,738	\$ 18,376,671	\$ 1,338,140	\$ 7,534,327

**FISCAL YEAR 2023
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	
	1	2	3	4 = (2 * 3)	5	6		7 = (4 + 5 + 6)	8	9 = (7 + 8 - 1)	10
	(\$)	(\$)		(\$)	(\$)	(\$)		(\$)	(\$)	(\$)	(\$)
SEPTEMBER 2022	\$ 12,033,418	\$ 7,201,117	100.2%	\$ 7,214,709	\$ 147,057	\$ -	\$ -	\$ 7,361,766	\$ -	\$ (4,671,652)	\$ (4,671,652)
OCTOBER	\$ 18,542,581	\$ 12,613,579	98.5%	\$ 12,428,839	\$ 72,928	\$ -	\$ -	\$ 12,501,767	\$ 3,358	\$ (6,037,456)	\$ (10,709,109)
NOVEMBER	\$ 24,273,210	\$ 21,520,311	98.5%	\$ 21,205,122	\$ 527,633	\$ -	\$ -	\$ 21,732,755	\$ 666	\$ (2,539,790)	\$ (13,248,898)
DECEMBER	\$ 55,268,925	\$ 44,447,241	98.5%	\$ 43,772,315	\$ 232,289	\$ -	\$ -	\$ 44,004,603	\$ -	\$ (11,264,322)	\$ (24,513,221)
JANUARY 2023	\$ 31,884,486	\$ 54,122,401	98.4%	\$ 53,269,172	\$ 240,357	\$ 51,945	\$ -	\$ 53,561,474	\$ 76	\$ 21,677,064	\$ (2,836,156)
FEBRUARY	\$ 27,325,738	\$ 46,292,330	98.4%	\$ 45,562,540	\$ 241,383	\$ -	\$ -	\$ 45,803,923	\$ 401,883	\$ 18,880,068	\$ 16,043,912
MARCH	\$ 18,376,671	\$ 34,733,532	98.8%	\$ 34,305,182	\$ 244,112	\$ -	\$ -	\$ 34,549,294	\$ -	\$ 16,172,623	\$ 32,216,535
APRIL	\$ 1,338,140	\$ 16,354,123	99.3%	\$ 16,242,991	\$ 245,280	\$ -	\$ -	\$ 16,488,271	\$ 4,627,034	\$ 19,777,166	\$ 51,993,701
MAY	\$ 7,534,327	\$ 7,781,416	99.3%	\$ 7,728,539	\$ 252,970	\$ -	\$ -	\$ 7,981,509	\$ -	\$ 447,182	\$ 52,440,882

**FISCAL YEAR 2023
PHILADELPHIA GAS WORKS
E-FACTOR RECONCILIATION**

		TOTAL E-FACTOR VOLUMES	TOTAL GCR REVENUE BILLED	E-FACTOR % of GCR	E-FACTOR GCR REVENUE BILLED	OVER/(UNDER) PROJECTED RECOVERY
	GCR SALES 1	2	3	4	5=(3 * 4)	6
	(MCF)	(MCF)	(\$)		(\$)	(\$)
PRIOR YEAR E-FACTOR						\$ (6,236,480)
Adjustment for FY 21 in NCF						\$ 1,682,378
						\$ (4,554,102)
MONTH						
SEPTEMBER 2022	Actual	817,159	817,159	\$ 7,201,117	-0.1%	\$ (5,673) \$ (4,559,776)
OCTOBER	Actual	1,462,604	1,462,604	\$ 12,613,579	1.6%	\$ 199,490 \$ (4,360,286)
NOVEMBER	Actual	2,490,685	2,490,685	\$ 21,520,311	1.6%	\$ 340,354 \$ (4,019,931)
DECEMBER	Actual	5,352,924	5,352,924	\$ 44,447,241	1.6%	\$ 728,814 \$ (3,291,117)
JANUARY 2023	Actual	6,724,633	6,724,633	\$ 54,122,401	1.7%	\$ 921,353 \$ (2,369,765)
FEBRUARY	Actual	5,765,626	5,765,626	\$ 46,292,330	1.7%	\$ 788,058 \$ (1,581,707)
MARCH	Actual	5,441,531	5,441,531	\$ 34,733,532	1.4%	\$ 488,742 \$ (1,092,965)
APRIL	Actual	3,271,616	3,271,616	\$ 16,354,123	0.9%	\$ 152,231 \$ (940,734)
MAY	Estimated	1,564,418	1,564,418	\$ 7,781,416	0.9%	\$ 72,433 \$ (868,302)
JUNE	Estimated	935,551	935,551	\$ 3,988,068		\$ (321,987)
JULY	Estimated	814,284	814,284	\$ 2,892,011		\$ (280,251)
AUGUST	Estimated	773,064	773,064	\$ 2,745,615		\$ (266,064)
TOTAL		2,522,899	2,522,899	\$ 9,625,693		\$ (868,302)
June 1, 2023 E-FACTOR						-0.3442

**FISCAL YEAR 2023
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 2022	\$ 7,201,117	-0.11%	\$ (7,918)
OCTOBER	\$ 12,613,579	-0.12%	\$ (14,750)
NOVEMBER	\$ 21,520,311	-0.12%	\$ (25,165)
DECEMBER	\$ 44,447,241	-0.12%	\$ (53,887)
JANUARY 2023	\$ 54,122,401	-0.13%	\$ (68,123)
FEBRUARY	\$ 46,292,330	-0.13%	\$ (58,268)
MARCH	\$ 34,733,532	-0.17%	\$ (60,391)
APRIL	\$ 16,354,123	-0.25%	\$ (41,099)
MAY	\$ 7,781,416	-0.25%	\$ (19,555)
TOTALS	\$ 245,066,050		\$ (349,156)

**FISCAL YEAR 2023
PHILADELPHIA GAS WORKS
RECONCILIATION OF DEMAND CHARGES**

MONTH	DEMAND CHARGES		DEMAND REVENUE BILLED	MONTHLY DEMAND OVER/(UNDER)	CUMULATIVE DEMAND OVER/(UNDER)
	LESS LOAD BALANCING CHARGE REVENUE	1			
		2	3 = (2 - 1)	4	
	\$	\$	\$	\$	\$
SEPTEMBER 2022	\$ 6,813,874	\$ 1,575,933	\$ (5,237,942)	\$ (5,237,942)	
OCTOBER	\$ 7,571,947	\$ 2,788,747	\$ (4,783,201)	\$ (10,021,142)	
NOVEMBER	\$ 4,729,097	\$ 4,748,989	\$ 19,892	\$ (10,001,250)	
DECEMBER	\$ 5,052,870	\$ 10,733,952	\$ 5,681,081	\$ (4,320,168)	
JANUARY 2023	\$ 4,905,001	\$ 14,147,282	\$ 9,242,282	\$ 4,922,113	
FEBRUARY	\$ 4,944,141	\$ 12,129,724	\$ 7,185,583	\$ 12,107,697	
MARCH	\$ 4,847,184	\$ 9,312,093	\$ 4,464,909	\$ 16,572,605	
APRIL	\$ 4,848,641	\$ 4,314,607	\$ (534,034)	\$ 16,038,572	
MAY	\$ 4,996,853	\$ 2,063,155	\$ (2,933,698)	\$ 13,104,873	
TOTALS	\$ 48,709,609	\$ 61,814,482	\$ 13,104,873		

INTERRUPTIBLE REVENUE CREDIT
June 1, 2023

Fiscal Year 2022 Reconciliation (8/31/22)	\$	138,896
Margin Adjustment	\$	201,059
	\$	339,955

<u>MONTH</u>	<u>IRC CREDIT</u>	<u>MARGIN</u>	
September-22	Actual \$ (7,918)	\$ 268	
October	Actual \$ (14,750)	\$ 7,952	
November	Actual \$ (25,165)	\$ 32,581	
December	Actual \$ (53,887)	\$ 24,530	
January-23	Actual \$ (68,123)	\$ 41,642	
February	Actual \$ (58,268)	\$ 36,826	
March	Actual \$ (60,391)	\$ 42,190	
April	Actual \$ (41,099)	\$ 33,854	
May	Estimated \$ (19,555)	\$ 20,999	
Act/Est IRC Credit September 2022 to May 2023	\$ (349,156)		
Act/Est Margin September 2022 to May 2023		\$ 240,843	\$ 240,843
FY 2022 Reconciliation Plus Act/Est Margin September 2022 to May 2023			\$ 580,798

FY 2022 Reconciliation Plus Act/Est Margin September 2022 to May 2023	\$	580,798	
Act/Est IRC Credit September 2022 to May 2023	\$	<u>(349,156)</u>	
Reconciliation as of May 31, 2023	\$	231,642	
Margin - June 2023 through May 2024	\$	<u>247,418</u>	Schedule 4(b)
June 1, 2023 Interruptible Revenue Credit	\$	479,060	

GCR Firm Sales		36,259,412	Schedule 2
-----------------------	--	-------------------	------------

June 1, 2023 IRC/Mcf	\$	0.0132
----------------------	----	---------------

INTERRUPTIBLE REVENUE MARGIN
3Q FILING

<u>MONTH</u>		<u>MARGIN</u>
June-23	Estimated	\$ 20,320
July	Estimated	\$ 20,998
August	Estimated	\$ 20,999
September	Estimated	\$ 20,266
October	Estimated	\$ 20,943
November	Estimated	\$ 20,267
December	Estimated	\$ 20,942
January-24	Estimated	\$ 20,943
February	Estimated	\$ 19,591
March	Estimated	\$ 20,943
April	Estimated	\$ 20,265
May	Estimated	\$ 20,941
Total		\$ <u>247,418</u>

CALCULATION OF RECOVERED CHARGES

3rd Qtr Filing

June 1, 2023

	<u>50% June</u>	<u>11.5 Months</u>		<u>Total</u>
			(MCF)	(\$)
S - Firm Sales (Mcf)	467,776	35,791,636	36,259,412	
C-Factor	\$ <u>4.9402</u>	\$ <u>3.5411</u>		
Projected Recovery	\$ 2,310,905	\$ 126,741,763		\$ 129,052,668
S - Firm Sales (Mcf)	467,776	35,791,636	36,259,412	
IRC-Factor	\$ <u>(0.0125)</u>	\$ <u>(0.0132)</u>		
Projected Recovery	\$ (5,847)	\$ (472,450)		\$ (478,297)
E-Factor Volumes (Mcf)	467,776	35,791,636	36,259,412	
E-Factor	\$ <u>0.0463</u>	\$ <u>0.0237</u>		
Projected Recovery	\$ 21,658	\$ 848,262		\$ 869,920
GCR (\$ / Mcf)	\$ 4.9740	\$ 3.5516		
GCR Projected Recovery				\$ 129,444,291
Load Balancing Revenue				\$ 3,003,784
LNG Sales Demand Revenue				\$ <u>28,086</u>
TOTAL PROJECTED RECOVERY				\$ 132,476,160

Change In Rates

Rates Effective June 1, 2023

	<u>Current Rates</u>				03/01/23 Commodity Rate (5)=(1)+(2)+(3)+(4)
	03/01/23 <u>Distribution Charge</u> (1)	03/01/23 <u>GCR</u> (2)	03/01/23 <u>MFC</u> (3)	03/01/23 <u>GPC</u> (4)	
Residential GS	\$9.2321	\$4.9740	\$0.1801	\$0.0400	\$14.4262
Commercial GS	\$7.1443	\$4.9740	\$0.0453	\$0.0400	\$12.2036
Industrial GS	\$7.0895	\$4.9740	\$0.0209	\$0.0400	\$12.1244
Phila.Housing Authority (PHA)	\$7.4069	\$4.9740	\$0.0000	\$0.0400	\$12.4209
Municipal (MS)	\$6.7015	\$4.9740	\$0.0000	\$0.0400	\$11.7155
Phila.Housing Authority (GS)	\$8.4759	\$4.9740	\$0.1801	\$0.0400	\$13.6700

June 1, 2023 - Distribution Charge

	<u>Delivery</u> Delivery Charge (6)	<u>Surcharges</u>			<u>Restructuring & Consumer Education</u> (10)	<u>Total</u> Total Surcharges (11)=(7)+(8)+(9)+(10)	<u>Distribution Charge / Mcf</u> (12)=(11)+(6)
		<u>Other Post Employment Benefit</u> (7)	<u>Efficiency Cost Recovery</u> (8)	<u>Universal Service & Ener. Cons.</u> (9)			
Residential GS	\$7.2955	\$0.3789	\$0.0327	\$1.4591	\$0.0000	\$1.8707	\$9.1662
Commercial GS	\$5.1908	\$0.3789	\$0.0184	\$1.4591	\$0.0000	\$1.8564	\$7.0472
Industrial GS	\$5.1668	\$0.3789	(\$0.0013)	\$1.4591	\$0.0000	\$1.8367	\$7.0035
Phila.Housing Authority (PHA)	\$5.4534	\$0.3789	\$0.0184	\$1.4591	\$0.0000	\$1.8564	\$7.3098
Municipal (MS)	\$4.7765	\$0.3789	\$0.0000	\$1.4591	\$0.0000	\$1.8380	\$6.6145
Phila.Housing Authority (GS)	\$6.5393	\$0.3789	\$0.0327	\$1.4591	\$0.0000	\$1.8707	\$8.4100

Proposed Rates

	06/01/23 <u>Distribution Charge</u> (12)	06/01/23 <u>GCR</u> (13)	06/01/23 <u>MFC</u> (14)	06/01/23 <u>GPC</u> (15)	06/01/23 Commodity Rate (16)=(12)+(13)+(14)+(15)	<u>Difference</u> (17)=(16)-(5)
	Residential GS	\$9.1662	\$3.5516	\$0.1286	\$0.0400	\$12.8864
Commercial GS	\$7.0472	\$3.5516	\$0.0323	\$0.0400	\$10.6711	(\$1.5325)
Industrial GS	\$7.0035	\$3.5516	\$0.0149	\$0.0400	\$10.6100	(\$1.5144)
Phila.Housing Authority (PHA)	\$7.3098	\$3.5516	\$0.0000	\$0.0400	\$10.9014	(\$1.5195)
Municipal (MS)	\$6.6145	\$3.5516	\$0.0000	\$0.0400	\$10.2061	(\$1.5094)
Phila.Housing Authority (GS)	\$8.4100	\$3.5516	\$0.1286	\$0.0400	\$12.1302	(\$1.5398)

PHILADELPHIA GAS WORKS
June 1, 2023
UNIVERSAL SERVICES & ENERGY CONSERVATION SURCHARGE

	Expenses in the Surcharge
Enhanced Low Income Retrofit Program (ELIRP)	\$ 8,162,226
Customer Responsibility Program (CRP)	\$ 46,082,664
Senior Citizen Discount *	\$ 1,227,052
<u>May 2023 Under Collection</u>	<u>\$ 7,462,154</u>
Total \$ to be Recovered	\$ 62,934,096
 Total Applicable Volumes	 Mcf 43,132,931
 Universal Service & Energy Conservation Surcharge	 <u>\$ 1.4591</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 \$1,358,224.

**STATEMENT OF RECONCILIATION
UNIVERSAL SERVICES & ENERGY CONSERVATION SURCHARGE
SEPTEMBER 2022 THROUGH MAY 2023**

<u>Month</u>	<u>USC Applicable Volumes</u>	<u>USC Charge</u>	<u>USC Revenue Billed</u>	<u>USC Expenses</u>	<u>Monthly Over/(Under) Recovery</u>	<u>Cumulative Over/(Under) Recovery</u>
FY 22 Reconciliation						\$ 1,337,511
September 2022	Actual 992,962	\$ 1,9902	\$ 1,976,193	\$ 270,353	\$ 1,705,840	\$ 3,043,351
October	Actual 1,754,046	\$ 1,8920	\$ 3,318,655	\$ 2,075,986	\$ 1,242,669	\$ 4,286,020
November	Actual 2,942,220	\$ 1,8920	\$ 5,566,680	\$ 6,578,422	\$ (1,011,742)	\$ 3,274,278
December	Actual 6,189,652	\$ 1,8137	\$ 11,226,172	\$ 11,704,149	\$ (477,977)	\$ 2,796,301
January 2023	Actual 7,693,027	\$ 1,7354	\$ 13,350,479	\$ 17,158,503	\$ (3,808,024)	\$ (1,011,723)
February	Actual 6,623,196	\$ 1,7354	\$ 11,493,894	\$ 14,393,207	\$ (2,899,312)	\$ (3,911,035)
March	Actual 6,277,077	\$ 1,6408	\$ 10,299,114	\$ 13,366,013	\$ (3,066,898)	\$ (6,977,934)
April	Actual 3,793,500	\$ 1,5461	\$ 5,865,130	\$ 6,901,305	\$ (1,036,176)	\$ (8,014,109)
May	Estimated 1,888,666	\$ 1,5461	\$ 2,920,067	\$ 2,368,111	\$ 551,956	\$ (7,462,154)

<u>USC Expenses</u>	<u>Sep-22</u>	<u>Oct-22</u>	<u>Nov-22</u>	<u>Dec-22</u>	<u>Jan-23</u>	<u>Feb-23</u>	<u>Mar-23</u>	<u>Apr-23</u>	<u>May-23</u>
ELIRP Expense	\$ 51,119	\$ 2,032	\$ 1,230,378	\$ 3,507	\$ 1,418,800	\$ 3,060	\$ 1,490,311	\$ 834,439	\$ 704,793
ELIRP Labor	\$ 7,477	\$ 6,882	\$ 6,882	\$ 8,596	\$ 7,176	\$ 7,308	\$ 8,980	\$ 7,721	\$ 18,744
Concervation Incentive Credit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CRP Discount	\$ (824,439)	\$ 1,018,285	\$ 4,314,039	\$ 10,578,706	\$ 14,712,192	\$ 13,458,197	\$ 10,755,674	\$ 5,135,000	\$ 681,890
CRP Forgiveness	\$ 979,140	\$ 947,472	\$ 849,797	\$ 796,716	\$ 615,206	\$ 566,079	\$ 815,320	\$ 756,459	\$ 883,592
Senior Citizen Discount	\$ 57,055	\$ 101,316	\$ 177,326	\$ 316,625	\$ 405,129	\$ 358,563	\$ 295,727	\$ 167,687	\$ 79,091
Bad Debt Expense Offset*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ 270,353	\$ 2,075,986	\$ 6,578,422	\$ 11,704,149	\$ 17,158,503	\$ 14,393,207	\$ 13,366,013	\$ 6,901,305	\$ 2,368,111

<u>CRP Participation</u>									
Rate Case Participation Rate	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000
Actual Participation Rate	50,723	50,981	50,598	50,412	50,401	50,953	51,771	51,591	51,591
CRP Under/(Over) Participation	29,277	29,019	29,402	29,588	29,599	29,047	28,229	28,409	28,409
<u>Average Shortfall Per CRP Participant</u>									
CRP Discount	\$ (824,439)	\$ 1,018,285	\$ 4,314,039	\$ 10,578,706	\$ 14,712,192	\$ 13,458,197	\$ 10,755,674	\$ 5,135,000	\$ 681,890
Actual Participation Rate	50,723	50,981	50,598	50,412	50,401	50,953	51,771	51,591	51,591
Average Shortfall per CRP Participant	\$ (16)	\$ 20	\$ 85	\$ 210	\$ 292	\$ 264	\$ 208	\$ 100	\$ 100
Shortfall*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bad Debt Expense Offset**	5.75%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

EFFICIENCY COST RECOVERY (ECR) SURCHARGE
June 1, 2023

<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	\$333,588	\$28,093	\$181	\$361,862
Labor Expense	\$52,401	\$4,352	\$23	\$56,777
Low Income Thermostate (LITSTAT)				
Program Expense	\$129,855	\$0	\$0	\$129,855
Labor Expense	\$21,893	\$0	\$0	\$21,893
Commercial & Industrial Equipment Rebate (CIER)				
Program Expense	\$3,353	\$157,276	\$1,990	\$162,619
Labor Expense	\$489	\$23,894	\$290	\$24,673
High-Efficiency Construction Incentive (HECI)				
Program Expense	\$188,014	\$0	\$0	\$188,014
Labor Expense	\$33,226	\$0	\$0	\$33,226
EnergySense Smart Thermostat (TSTAT)				
Program Expense	\$132,028	\$0	\$0	\$132,028
Labor Expense	<u>\$21,611</u>	<u>\$0</u>	<u>\$0</u>	\$21,611
Total Expense	\$916,458	\$213,615	\$2,484	\$1,132,557
Prior Period Reconciliation (5/31/23)	<u>\$ 88,039</u>	<u>\$ (21,020)</u>	<u>\$ (3,502)</u>	<u>\$ 63,516</u>
Total	\$1,004,496	\$192,595	-\$1,018	\$1,196,073
Volumes - Mcf (GCR Firm & Firm Transportation)	30,683,143	10,494,042	808,565	

Efficiency Cost Recovery Surcharge / Mcf	\$0.0327	\$0.0184	(\$0.0013)
---	-----------------	-----------------	-------------------

**EFFICIENCY COST RECOVERY (ECR) SURCHARGE
STATEMENT OF RECONCILIATION
FISCAL YEAR 2023**

		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Estimated
		Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23
RESIDENTIAL & PHA GS										
FY 2022 Over-Collection		\$ 299,342								
Volume Billed		596,333	1,117,339	1,959,652	4,429,596	5,780,656	4,931,319	4,585,367	2,783,710	1,285,875
ECR Surcharge		\$ 0.0119	\$ 0.0057	\$ 0.0057	\$ 0.0091	\$ 0.0125	\$ 0.0125	\$ 0.0121	\$ 0.0116	\$ 0.0116
Revenue Billed		\$ 7,067	\$ 6,369	\$ 11,170	\$ 40,309	\$ 72,258	\$ 61,641	\$ 55,254	\$ 32,291	\$ 14,916
RHER	Expense	\$ 961	\$ 684	\$ 54,204	\$ 6,134	\$ 65,414	\$ (10,493)	\$ 97,817	\$ 9,562	\$ 27,772
RHER	Labor	\$ 3,534	\$ 2,318	\$ 2,035	\$ 4,063	\$ 3,392	\$ (2,315)	\$ 5,320	\$ 4,559	\$ 5,900
HECI	Expense	\$ 99	\$ 297	\$ (200)	\$ 634	\$ 3,701	\$ (4,335)	\$ 78,110	\$ 1,208	\$ 21,396
HECI	Labor	\$ 365	\$ 1,005	\$ (702)	\$ 420	\$ 351	\$ (771)	\$ 439	\$ 377	\$ 5,352
LITSTAT	Expense	\$ 71	\$ 99	\$ 51,562	\$ 452	\$ 30,743	\$ 28,787	\$ 19,164	\$ 7,373	\$ 4,361
LITSTAT	Labor	\$ 261	\$ 336	\$ 7,624	\$ 300	\$ 250	\$ 4,634	\$ 313	\$ 269	\$ 1,901
CIER	Expense	\$ 10	\$ 8	\$ (20)	\$ 62	\$ 750	\$ (812)	\$ 560	\$ 197	\$ 490
CIER	Labor	\$ 36	\$ 26	\$ (69)	\$ 41	\$ 34	\$ (76)	\$ 43	\$ 37	\$ 76
TSTAT	Expense	\$ 23	\$ 280	\$ 15,435	\$ 150	\$ 38,599	\$ 43,672	\$ 14,117	\$ 6,779	\$ 6,937
TSTAT	Labor	\$ 89	\$ 948	\$ 2,356	\$ 99	\$ 83	\$ 8,333	\$ 106	\$ 89	\$ 2,063
Total		\$ 5,450	\$ 6,000	\$ 132,225	\$ 12,355	\$ 143,316	\$ 66,623	\$ 215,988	\$ 30,449	\$ 76,249
Monthly Over/(Under)		\$ 1,617	\$ 369	\$ (121,055)	\$ 27,954	\$ (71,058)	\$ (4,982)	\$ (160,735)	\$ 1,842	\$ (61,333)
Cumulative Over/(Under)		\$ 300,958	\$ 301,327	\$ 180,273	\$ 208,227	\$ 137,168	\$ 132,187	\$ (28,548)	\$ (26,706)	\$ (88,039)
COMMERCIAL & PHA										
FY 2022 Under-Collection		\$ (131,379)								
Volume Billed		355,022	559,947	841,058	1,484,849	1,615,504	1,420,718	1,442,259	861,352	516,901
ECR Surcharge		\$ 0.0168	\$ 0.0153	\$ 0.0153	\$ 0.0282	\$ 0.0410	\$ 0.0410	\$ 0.0348	\$ 0.0285	\$ 0.0285
Revenue Billed		\$ 5,964	\$ 8,567	\$ 12,868	\$ 41,799	\$ 66,236	\$ 58,249	\$ 50,119	\$ 24,549	\$ 14,732
RHER	Expense	\$ 320	\$ 228	\$ (645)	\$ 2,045	\$ 21,805	\$ (23,849)	\$ 6,244	\$ 637	\$ 3,656
RHER	Labor	\$ 1,178	\$ 773	\$ (2,262)	\$ 1,354	\$ 1,131	\$ (2,485)	\$ 340	\$ 304	\$ 659
CIER	Expense	\$ 541	\$ 421	\$ 10,194	\$ 3,458	\$ 41,604	\$ (6,309)	\$ 31,040	\$ 10,927	\$ 14,687
CIER	Labor	\$ 1,992	\$ 1,426	\$ (2,052)	\$ 2,290	\$ 1,912	\$ (59)	\$ 2,393	\$ 2,057	\$ 2,732
TSTAT	Expense	-	-	-	-	-	-	-	-	-
TSTAT	Labor	-	-	-	-	-	-	-	-	-
Total		\$ 4,032	\$ 2,847	\$ 5,235	\$ 9,147	\$ 66,451	\$ (32,702)	\$ 40,015	\$ 13,925	\$ 21,733
Monthly Over/(Under)		\$ 1,932	\$ 5,720	\$ 7,634	\$ 32,652	\$ (215)	\$ 90,951	\$ 10,103	\$ 10,624	\$ (7,002)
Cumulative Over/(Under)		\$ (129,447)	\$ (123,727)	\$ (116,093)	\$ (83,441)	\$ (83,656)	\$ 7,295	\$ 17,398	\$ 28,022	\$ 21,020
INDUSTRIAL										
FY 2022 Over-Collection		\$ 7,620								
Volume Billed		25,989	45,088	71,261	124,138	121,541	95,958	114,233	55,349	38,336
ECR Surcharge		\$ (0.0053)	\$ (0.0051)	\$ (0.0051)	\$ (0.0054)	\$ (0.0056)	\$ (0.0056)	\$ (0.0040)	\$ (0.0023)	\$ (0.0023)
Revenue Billed		\$ (138)	\$ (230)	\$ (363)	\$ (664)	\$ (681)	\$ (537)	\$ (451)	\$ (127)	\$ (88)
RHER	Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8	\$ (2)
RHER	Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4	\$ (1)
CIER	Expense	\$ 6	\$ 5	\$ (12)	\$ 37	\$ 446	\$ (483)	\$ 333	\$ 117	\$ 291
CIER	Labor	\$ 21	\$ 15	\$ (41)	\$ 25	\$ 20	\$ (45)	\$ 26	\$ 22	\$ 45
Total		\$ 27	\$ 20	\$ (53)	\$ 62	\$ 466	\$ (528)	\$ 358	\$ 151	\$ 334
Monthly Over/(Under)		\$ (165)	\$ (250)	\$ (311)	\$ (726)	\$ (1,147)	\$ (9)	\$ (810)	\$ (279)	\$ (422)
Cumulative Over/(Under)		\$ 7,455	\$ 7,205	\$ 6,894	\$ 6,169	\$ 5,022	\$ 5,012	\$ 4,203	\$ 3,924	\$ 3,502

**PHILADELPHIA GAS WORKS
LOAD BALANCING CHARGE
June 1, 2023**

Storage and Peaking Asset Cost		\$ 19,160,595
WSS Volumes MDQ	17,557.5	
Daily Demand Charge (Dth)	\$0.45957	\$ 2,945,149
Total Charges		
Total Storage Charges		\$ 22,105,743
Design Day Requirements (Mcf)		653,186
Fulfilled from FT Capacity (Mcf)		(297,287)
WSS Storage Withdrawal Volumes Mcf		<u>16,980</u>
Fulfilled from Storage and Peaking Assets (Excess Mcf)		372,879
Annual Storage and Peaking Cost per Excess Mcf		\$ 59.2839
Per Mcf Over / (Under) Adjustment		\$ <u>0.1246</u>
Load Balancing Charge		\$ 59.1593

Over / (Under) Recovery	\$ 71,548
Interest	\$ <u>1,282</u>
Total Over/(Under) Recovery	\$ <u>72,830</u>
Forecasted SSPC Volumes	584,688
Per Mcf Over / (Under) Adjustment	\$ 0.1246

Natural Gas Prices Used for PGW's - FY 2022-2023 - 3rd Quarter GCR Filing

Basis Differentials

Gas Prices

	TRANSCO					TETCO					NYMEX	TRANSCO					TETCO				
											Futures 05/01/23 Close										
	Sta 30	Sta 45	Sta 65	Sta 85	Zone 6- Non-NY	ELA	WLA	STX	M-1	M-2		Sta 30	Sta 45	Sta 65	Sta 85	Zone 6- Non-NY	ELA	WLA	STX	M-1	M-2
May-23											2.12	1.89	2.09	2.11	2.18	1.60	1.88	2.04	1.99	1.90	1.47
Jun-23	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	2.32	2.25	2.28	2.27	2.28	2.35	2.19	2.24	2.24	2.19	1.63
Jul-23	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	2.50	2.43	2.46	2.45	2.46	2.53	2.37	2.42	2.42	2.37	1.81
Aug-23	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	2.57	2.50	2.53	2.52	2.53	2.60	2.44	2.49	2.48	2.44	1.87
Sep-23	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	2.55	2.48	2.51	2.50	2.51	2.58	2.42	2.47	2.46	2.42	1.85
Oct-23	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	2.65	2.58	2.61	2.60	2.61	2.68	2.52	2.57	2.56	2.52	1.95
Nov-23	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	3.11	3.04	3.07	3.06	3.07	3.14	2.98	3.03	3.02	2.98	2.41
Dec-23	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	3.58	3.52	3.54	3.53	3.55	3.61	3.46	3.50	3.50	3.45	2.89
Jan-24	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	3.82	3.76	3.79	3.78	3.79	3.85	3.70	3.74	3.74	3.70	3.13
Feb-24	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	3.73	3.66	3.69	3.68	3.69	3.76	3.60	3.65	3.64	3.60	3.03
Mar-24	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	3.42	3.36	3.39	3.38	3.39	3.45	3.30	3.34	3.34	3.30	2.73
Apr-24	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	3.15	3.09	3.11	3.10	3.12	3.18	3.03	3.07	3.07	3.02	2.46
May-24	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	3.15	3.09	3.11	3.10	3.12	3.18	3.03	3.07	3.07	3.02	2.46
Jun-24	(0.06)	(0.04)	(0.05)	(0.03)	0.03	(0.13)	(0.08)	(0.08)	(0.13)	(0.69)	3.30	3.23	3.26	3.25	3.26	3.33	3.17	3.22	3.21	3.17	2.60

Actual Natural Gas Billed

	<u>Jan-23</u>	<u>Feb-23</u>	<u>Mar-23</u>
Williams	\$ 1,364,993	\$ 1,264,686	\$ 1,276,750
Texas Eastern	\$ 2,984,996	\$ 3,103,679	\$ 1,813,281
Eastern Gas	\$ 208,862	\$ 204,896	\$ 197,265
Spot Purchases -Transco	\$ 109,122	\$ 94,676	\$ 157,670
Spot Purchases -Tetco	\$ -	\$ -	\$ -
Transco Supply2	\$ -	\$ -	\$ -
Transco Supply3	\$ -	\$ -	\$ -
Transco Supply6	\$ -	\$ -	\$ -
Transco Supply7	\$ 833,900	\$ 455,000	\$ 384,400
Transco Supply8	\$ -	\$ -	\$ -
Transco Supply10	\$ -	\$ -	\$ -
Transco Supply12	\$ -	\$ -	\$ -
Transco Supply14	\$ -	\$ -	\$ -
Transco Supply17	\$ -	\$ -	\$ -
Transco Supply20	\$ -	\$ -	\$ -
Transco Supply21	\$ -	\$ -	\$ -
Transco Supply22	\$ -	\$ -	\$ -
Transco Supply23	\$ -	\$ -	\$ -
Transco Supply24	\$ -	\$ -	\$ -
Transco Supply25	\$ -	\$ -	\$ -
Transco Supply26	\$ -	\$ -	\$ -
Transco Supply27	\$ -	\$ -	\$ -
Transco Supply28	\$ -	\$ -	\$ -
Transco Supply29	\$ -	\$ -	\$ -
Transco Supply30	\$ -	\$ -	\$ -
Transco Supply31	\$ -	\$ -	\$ -
Transco Supply32	\$ 2,268,300	\$ 1,642,475	\$ 1,698,700
Transco Supply33	\$ -	\$ -	\$ -
Transco Supply34	\$ -	\$ -	\$ -
Transco Supply35	\$ -	\$ -	\$ -
Transco Supply36	\$ -	\$ -	\$ -
Transco Supply37	\$ 5,100,973	\$ 2,659,370	\$ 2,129,545
Transco Supply40	\$ 2,695,718	\$ 1,431,014	\$ 1,154,300
Transco Supply41	\$ 203,725	\$ 139,575	\$ 52,700
Transco Supply42	\$ 327,750	\$ 289,875	\$ 341,850
Tetco Supply1	\$ -	\$ -	\$ -
Tetco Supply2	\$ -	\$ -	\$ -
Tetco Supply3	\$ -	\$ -	\$ -
Tetco Supply4	\$ -	\$ -	\$ -
Tetco Supply5	\$ -	\$ -	\$ -
Tetco Supply7	\$ -	\$ -	\$ -
Tetco Supply13	\$ -	\$ -	\$ -
Tetco Supply14	\$ -	\$ -	\$ -
Tetco Supply16	\$ -	\$ -	\$ -
Tetco Supply17	\$ -	\$ -	\$ -
Tetco Supply18	\$ -	\$ -	\$ -
Tetco Supply19	\$ -	\$ -	\$ -
Tetco Supply20	\$ -	\$ -	\$ -
Tetco Supply21	\$ -	\$ -	\$ -
Tetco Supply22	\$ -	\$ -	\$ -
Tetco Supply23	\$ -	\$ -	\$ -
Tetco Supply24	\$ 4,133,525	\$ 2,356,400	\$ 2,102,150
Tetco Supply25	\$ -	\$ -	\$ -
Tetco Supply26	\$ -	\$ -	\$ -
Tetco Supply27	\$ -	\$ -	\$ -
Tetco Supply28	\$ 1,549,845	\$ 741,832	\$ 419,958
Tetco Supply29	\$ -	\$ -	\$ -
Tetco Supply30	\$ -	\$ -	\$ -
Tetco Supply31	\$ -	\$ -	\$ -
Tetco Supply32	\$ -	\$ -	\$ -
Tetco Supply33	\$ 2,057,784	\$ 1,059,618	\$ 824,407
Tetco Supply34	\$ 465,000	\$ 189,000	\$ 142,569
Tetco Supply35	\$ -	\$ -	\$ -
Tetco Supply36	\$ -	\$ -	\$ -
Tetco Supply37	\$ -	\$ -	\$ -
Tetco Supply38	\$ 810,663	\$ 433,350	\$ 209,013
Total Costs	\$ 25,115,155	\$ 16,065,446	\$ 12,904,558
Sharing Mechanism	\$ 895,294	\$ 808,653	\$ 895,294
Asset Management Agreement	\$ -	\$ -	\$ -
Off System Sales	\$ -	\$ -	\$ -
Gas Transportation Purchases	\$ -	\$ -	\$ -
Adjustment/Reconciliation	\$ 519,373	\$ (38,903)	\$ 1,102,383
Total Natural Gas Billed	\$ 26,529,822	\$ 16,835,196	\$ 14,902,235

**Philadelphia Gas Works
Summary of Fuels Purchased
Three Months Ending March 2023**

	<u>Actual</u>				<u>Projected</u>			<u>Actual Over/Under vs Projected</u>				
	<u>Jan-23</u>	<u>Feb-23</u>	<u>Mar-23</u>	<u>Total</u>	<u>2nd Qtr Filing Jan-23</u>	<u>2nd Qtr Filing Feb-23</u>	<u>2nd Qtr Filing Mar-23</u>	<u>Total</u>	<u>Jan-23</u>	<u>Feb-23</u>	<u>Mar-23</u>	<u>Total</u>
Total Natural Gas Billed	\$ 26,529,822	\$ 16,835,196	\$ 14,902,235	\$ 58,267,253	\$ 29,001,814	\$ 20,827,846	\$ 18,255,394	\$ 68,085,054	\$ (2,471,992)	\$ (3,992,651)	\$ (3,353,159)	\$ (9,817,801)
Less Imbalance Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Less Interruptible Credit & Off-System Sales	\$ (193,383)	\$ 815,683	\$ 215,858	\$ 838,158	\$ 180,750	\$ 134,048	\$ 129,285	\$ 444,083	\$ (374,133)	\$ 681,635	\$ 86,573	\$ 394,076
Gas Used For Utility	\$ 291,772	\$ 176,471	\$ 135,034	\$ 603,277	\$ 246,737	\$ 200,796	\$ 110,886	\$ 558,419	\$ 45,035	\$ (24,325)	\$ 24,148	\$ 44,858
	\$ 26,431,433	\$ 15,843,042	\$ 14,551,343	\$ 56,825,818	\$ 28,574,327	\$ 20,493,002	\$ 18,015,223	\$ 67,082,552	\$ (2,142,894)	\$ (4,649,961)	\$ (3,463,880)	\$ (10,256,734)
<u>Pipeline Storages</u>												
(To)	\$ (1,023,222)	\$ (678,398)	\$ (153,695)	\$ (1,855,315)	\$ (287,670)	\$ -	\$ (397,166)	\$ (684,836)	\$ (735,552)	\$ (678,398)	\$ 243,471	\$ (1,170,479)
From	\$ 8,236,892	\$ 11,929,894	\$ 4,329,617	\$ 24,496,403	\$ 12,983,215	\$ 12,926,578	\$ 6,696,320	\$ 32,606,113	\$ (4,746,323)	\$ (996,684)	\$ (2,366,703)	\$ (8,109,710)
Net Pipeline Storages	\$ 7,213,670	\$ 11,251,496	\$ 4,175,922	\$ 22,641,088	\$ 12,695,545	\$ 12,926,578	\$ 6,299,154	\$ 31,921,277	\$ (5,481,875)	\$ (1,675,082)	\$ (2,123,232)	\$ (9,280,189)
<u>LNG Storage</u>												
(To)	\$ (2,544,661)	\$ (1,027,916)	\$ (822,558)	\$ (4,395,135)	\$ (2,916,592)	\$ (991,660)	\$ (1,028,573)	\$ (4,936,826)	\$ 371,931	\$ (36,256)	\$ 206,015	\$ 541,691
From	\$ 634,034	\$ 1,236,708	\$ 449,556	\$ 2,320,298	\$ 468,598	\$ 1,129,327	\$ 384,482	\$ 1,982,407	\$ 165,436	\$ 107,381	\$ 65,074	\$ 337,891
Net LNG Storage	\$ (1,910,627)	\$ 208,792	\$ (373,002)	\$ (2,074,837)	\$ (2,447,995)	\$ 137,667	\$ (644,091)	\$ (2,954,419)	\$ 537,368	\$ 71,125	\$ 271,089	\$ 879,582
Net Natural Gas	\$ 31,734,476	\$ 27,303,330	\$ 18,354,263	\$ 77,392,069	\$ 38,821,877	\$ 33,557,247	\$ 23,670,286	\$ 96,049,410	\$ (7,087,401)	\$ (6,253,918)	\$ (5,316,023)	\$ (18,657,342)
<u>APPLICABLE GCR EXPENSES</u>												
Net Natural Gas Expense	\$ 31,734,476	\$ 27,303,330	\$ 18,354,263	\$ 77,392,069	\$ 38,821,877	\$ 33,557,247	\$ 23,670,286	\$ 96,049,410	\$ (7,087,401)	\$ (6,253,918)	\$ (5,316,023)	\$ (18,657,342)
Purchased Electric & Misc	\$ 150,010	\$ 22,408	\$ 22,408	\$ 194,826	\$ 169,990	\$ 40,513	\$ 40,218	\$ 250,722	\$ (19,980)	\$ (18,105)	\$ (17,810)	\$ (55,896)
Total GCR Expenses	\$ 31,884,486	\$ 27,325,738	\$ 18,376,671	\$ 77,586,895	\$ 38,991,868	\$ 33,597,761	\$ 23,710,504	\$ 96,300,132	\$ (7,107,382)	\$ (6,272,023)	\$ (5,333,833)	\$ (18,713,237)