



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

February 26, 2021

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 2020-2021 GCR Filing Docket Number R-2020-3017934).

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. 139;
- 2) PGW Gas Supplier Tariff, Pa. P.U.C. No. 1, Supplement No. 94; and
- 3) Supporting Schedules for PGW's 2nd Quarter Gas Cost Rate filing.

These supplements are being filed to implement PGW's 2nd Quarter 2020-2021 GCR consistent with the Commission's Order entered August 6, 2020 at Docket No. R-2020-3017934 approving PGW's 2020-2021 GCR. The tariff supplements are to become effective on March 1, 2021.

Respectfully,

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

Enclosure

cc: Certificate of Service (email only)

CERTIFICATE OF SERVICE

I hereby certify that this day I served a copy of PGW's 2nd Quarter GCR Update 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.
Daniel Asmus, Esq.
Office of Small Business Advocate
Forum Place Building
555 Walnut St., 1st Fl.
Harrisburg, PA 17101
swebb@pa.gov
dasmus@pa.gov

Gina Miller, Esq.
Bureau of Investigation & Enforcement
PA Public Utility Commission
P.O. Box 3265
Harrisburg, PA 17105-3265
ginmiller@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: February 26, 2021

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

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

Supplement No. 139

PHILADELPHIA GAS WORKS
GAS SERVICE TARIFF



Issued by: Craig White
President and CEO

PHILADELPHIA GAS WORKS
800 West Montgomery Avenue
Philadelphia, PA 19122

Rates to become effective March 1, 2021 in accordance with the Commission's Order entered August 6, 2020 at Docket No. R-2020-3017934 approving PGW's 2020-2021 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, 2021, increases from \$(0.06359) per Ccf to \$(0.03097).

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

In the definition of “IRC,” the IRC value effective March 1, 2021 is \$(0.00009) per Ccf. In the definition of “SSC,” the SSC value effective March 1, 2021, decreases from \$0.44830 per Ccf to \$0.37775 per Ccf.

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

The Gas Cost Rate (GCR) effective March 1, 2021 decreases from \$0.38484 per Ccf to \$0.34687 per Ccf.

PRICE TO COMPARE (PAGE No. 78)

The Prices to Compare effective March 1, 2021 are: a) \$0.36334 per Ccf for Residential (GS-RES); b) \$0.36334 per Ccf for Public Housing Customers (GS-PH); (c) \$0.35394 per Ccf for Commercial (GS-COM); (d) \$0.35224 per Ccf for Industrial (GS-IND); (e) \$0.35078 per Ccf for Municipal Service (MS); (f) \$0.35078 per Ccf for Philadelphia Housing Authority (PHA); and, (g) \$0.35078 per Ccf for Natural Gas Vehicle Service (NGVS).

EFFICIENCY COST RECOVERY SURCHARGE (PAGE No. 80)

The Efficiency Cost Recovery Surcharge rates effective March 1, 2021 are: a) \$0.00187 per Ccf for Residential and Public Housing Customers on Rate GS; b) \$0.00268 per Ccf for Commercial Customers on Rate GS; c) \$(0.00158) per Ccf for Industrial Customers on Rate GS; and, d) \$0.00268 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, 2021 decreases from \$0.19603 per Ccf to \$0.15792 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, 2021 decreases from \$0.38484 per Ccf to \$0.34687 per Ccf.

TABLE OF CONTENTS

	<u>Page Number</u>
List of Changes Made By This Tariff_____	One Hundred and Thirty Second Revised 2
Description of Territory Served_____	5
Table of Contents_____	One Hundred and Thirtieth 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 _____	Eighty Fourth 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 _____	Forty First Revised 78
Restructuring and Consumer Education Surcharge _____	Thirty Second Revised 79
Efficiency Cost Recovery Mechanism _____	Fifty Second Revised 80
Universal Services Surcharge _____	Eighty Seventh Revised 81
Other Post Employment Benefit Surcharge _____	Seventeenth Revised 82
General Service – Rate GS _____	Ninety Seventh Revised 83
Municipal Service – Rate MS _____	Ninety Seventh Revised 87
Philadelphia Housing Authority Service – Rate PHA _____	Ninety Seventh Revised 90
Daily Balancing Service – Rate DB _____	101
Interruptible Transportation Service – Rate IT _____	111
Gas Transportation Service – Rate GTS – Firm Service _____	118
Gas Transportation Service – Rate GTS – Interruptible _____	124
Cogeneration Service – Rate CG _____	Fifth Revised 131
Developmental Natural Gas Vehicle Service – Rate NGVS Firm Service _____	Sixty Seventh 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 _____	Fourth Revised 149
Distribution System Improvement Charge _____	Twenty Second 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.

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 (\$0.03114) per Ccf for Commodity Costs and \$0.00017 per Ccf for Demand Costs, for service on or after March 1, 2021. The total GAC is (\$0.03097) 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

PHILADELPHIA GAS WORKS

IRC - Interruptible Revenue Credit - The credit defined in Subsection VI below. The currently effective IRC is \$0.00009 per Ccf for service on or after March 1, 2021.

(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 \$0.25963 per Ccf for Commodity Costs and \$0.11812 per Ccf for Demand Costs, for service on or after March 1, 2021. The total SSC is \$0.37775 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 \$0.34687 per Ccf, for service on or after March 1, 2021.

(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. (C)

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	\$0.37775	\$0.37775	\$0.37775	\$0.37775	\$0.37775	\$0.37775	\$0.37775	
GAC	(\$0.03097)	(\$0.03097)	(\$0.03097)	(\$0.03097)	(\$0.03097)	(\$0.03097)	(\$0.03097)	
MFC	\$0.01256	\$0.01256	\$0.00316	\$0.00146	\$0.00000	\$0.00000	\$0.00000	(C)
GPC	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	
PTC	\$0.36334	\$0.36334	\$0.35394	\$0.35224	\$0.35078	\$0.35078	\$0.35078	(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) \$0.00187 per Ccf for Residential and Public Housing Customers on Rate GS; | (D) |
| b) \$0.00268 per Ccf for Commercial Customers on Rate GS; | (D) |
| c) \$(0.00158) per Ccf for Industrial Customers on Rate GS; | (I) |
| d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and | (NC) |
| e) \$0.00268 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 = \$0.15792/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, 2021.

(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)):

\$ 14.10 per month for Residential and Public Housing Authority Customers.
 \$ 24.00 per month for Commercial Customers
 \$ 71.80 per month for Industrial Customers

Surcharge: Distribution System Improvement Charge.

Plus,

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

\$0.34687 per Ccf for Residential and Public Housing (D)
 \$0.34687 per Ccf for Commercial Customers (D)
 \$0.34687 per Ccf for Industrial Customers (D)

Plus,

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

(A) Delivery Charge:

\$0.68642 per Ccf for Residential
 \$0.59444 per Ccf for Public Housing
 \$0.49570 per Ccf for Commercial and Municipal Customers
 \$0.48825 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.

(I) – Increase; (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, 2021.

(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):

\$ 24.00 per month

Surcharge: Distribution System Improvement Charge.

Plus,

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

\$0.34687 per Ccf

(D)

Plus,

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

(A) Delivery Charge:

\$0.44159 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, 2021.

(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);

\$24.00 per month

Surcharge: Distribution System Improvement Charge.

Plus,

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

\$0.34687 per Ccf

(D)

Plus

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

(A) Delivery Charge:

\$0.51393 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, 2021. (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):

\$0.34687 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. 94

PHILADELPHIA GAS WORKS

GAS SUPPLIER TARIFF



Issued by: Craig White
President and CEO
PHILADELPHIA GAS WORKS
800 West Montgomery Avenue
Philadelphia, PA 19122

Rates to become effective March 1, 2021 in accordance with the Commission's Order entered August 6, 2020 at Docket No. R-2020-3017934 approving PGW's 2020-2021 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 March 1, 2021, is \$44.4426 per design day Mcf.

TABLE OF CONTENTS

	<u>Page Number</u>
List of Changes Made By This Tariff _____	Ninety Second Revised 2
Checksheet _____	First Revised 4
Description of Territory Served _____	5
Table of Contents _____	Ninety First 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 \$44.4426 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, 2021
2nd QUARTER
GCR FILING

March 1, 2021

2nd QUARTER GCR FILING

TABLE OF CONTENTS

Levelized Cost Rate	Schedule 1
Price to Compare (MCF)	Schedule 1(a)
Sales and Volumes	Schedule 2
Projected Applicable Fuel Expense	Schedule 3
Fiscal Year 2020 Actual Data Revised	Schedule 4(a)
C-Factor Reconciliation –Fiscal Year 2020 Revised	Schedule 4(b)
E-Factor Reconciliation - Fiscal Year 2020 Revised	Schedule 4(c)
IRC Revenue Billed - Fiscal Year 2020 Revised	Schedule 4(d)
Reconciliation of Demand Charges - Fiscal Year 2020 Revised	Schedule 4(e)
Fiscal Year 2021 Actual/Estimated Data	Schedule 5(a)
C-Factor Reconciliation – Fiscal Year 2021	Schedule 5(b)
E-Factor Reconciliation – Fiscal Year 2021	Schedule 5(c)
IRC-Factor Revenue Billed – Fiscal Year 2021	Schedule 5(d)
Reconciliation of Demand Charges – Fiscal Year 2021	Schedule 5(e)
Interest Calculation Revised	Schedule 6(a)
Interest on Natural Gas Refunds Revised	Schedule 6(b)
Demand and Commodity Interest Calculation Revised	Schedule 6(c)
Interruptible Revenue Credit-March 1, 2021	Schedule 7(a)
Interruptible Revenue Margin – March 2021 through February 2022	Schedule 7(b)
Other Post Employee Benefit Final Reconciliation FY 2020 Revised	Schedule 8
Restructuring and Consumer Education Surcharge FY 22	Schedule 9(a)
Restructuring and Consumer Education Expense FY 20	Schedule 9(b)

Restructuring and Consumer Education Expense	Schedule 9(c)
Restructuring and Consumer Education Expense FY 2020 Revised	Schedule 10
Calculation of Recovered Charges	Schedule 11
FY 20 USC-Finalized Statement of Reconciliation Revised	Schedule 12
Universal Service & Energy Conservation Surcharge (USC)	Schedule 13
Statement of Reconciliation – USC Surcharge – Fiscal Year 2021	Schedule 14
Changes in Rates	Schedule 15
Efficiency Cost Recovery (ECR) Surcharge	Schedule 16(a)
Efficiency Cost Recovery (ECR) Surcharge- Statement of Reconciliation	Schedule 16(b)
Load Balancing Surcharge – March 1, 2021	Schedule 17
Natural Gas Prices	Schedule 18
Actual Natural Gas Billed	Schedule 19
Summary of Fuels Purchased	Schedule 20

Philadelphia Gas Works

Levelized Gas Cost Rate

March 1, 2021

Formula:
GCR = SSC + GAC - IRC

where:

	<u>Demand</u>	<u>Commodity</u>	<u>Total</u>	
S = Firm Sales (Mcf)			41,564,748	Schedule 2
<hr/>				
Net Natural Gas Expense	\$ 56,194,736	\$ 120,904,045	\$ 177,098,782	
Purchased Electric & Misc Expenses	\$ -	\$ 670,525	\$ 670,525	
Total Natural Gas Expense	\$ 56,194,736	\$ 121,574,570	\$ 177,769,307	Schedule 3
C-Factor Reconciliation	\$ (5,707,636)	\$ (10,604,078)	\$ (16,311,714)	Schedule 5(b)
C = Total Applicable GCR Expense	\$ 50,487,100	\$ 110,970,492	\$ 161,457,593	
SSC = C / S	\$ 1.2147	\$ 2.6698	\$ 3.8845	
<hr/>				
Adjustment For:				
E-Factor Volumes (Mcf)			14,595,327	Schedule 5(c)
E-Factor Reconciliation	\$ 77,427	\$ (13,903,722)	\$ (13,826,295)	Schedule 5(c)
	\$ 77,427	\$ (13,903,722)	\$ (13,826,295)	
E = E-Factor	\$ 0.0053	\$ (0.9526)	\$ (0.9473)	
<hr/>				
Interruptible Revenue Credit			\$ (37,286)	Schedule 7(a)
IRC = Interruptible Revenue Credit / S			\$ (0.0009)	
<hr/>				
Net Applicable GCR Expenses = C + E - Interruptible Revenue Credit			\$ 147,668,584	
<u>GCR = SSC + GAC - IRC</u>			\$ 2.9381	
<hr/>				
SSC in effect 3/01/21	\$ 1.1812	\$ 2.5963	\$ 3.7775	
GAC in effect 3/01/21	\$ 0.0017	\$ (0.3114)	\$ (0.3097)	
IRC in effect 3/01/21			\$ 0.0009	
GCR in effect 3/01/21			\$ 3.4687	Schedule 11
<hr/>				
Recovery Test on:				
Firm Sales (Mcf)			41,564,748	
= GCR Projected Recovery		\$	145,286,228	
= Load Balancing Revenue		\$	2,320,615	
= LNG Sales Demand Revenue		\$	60,735	
= Total Projected Recovery		\$	147,667,579	Schedule 11
Compared To				
Net Applicable GCR Expenses		\$	147,668,584	
= Net Over/(Under) Recovery		\$	(1,005)	
<hr/>				
Degree Days			3,931	

Philadelphia Gas Works

Price To Compare (\$ / MCF)

March 1, 2021

	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	\$3.4687	(\$0.3088)	\$3.7775	3.62%	\$0.1256	\$0.0400	(\$0.3097)	\$3.6334
Commercial GS	\$3.4687	(\$0.3088)	\$3.7775	0.91%	\$0.0316	\$0.0400	(\$0.3097)	\$3.5394
Industrial GS	\$3.4687	(\$0.3088)	\$3.7775	0.42%	\$0.0146	\$0.0400	(\$0.3097)	\$3.5224
Phila. Housing Authority (PHA)	\$3.4687	(\$0.3088)	\$3.7775	0.00%	\$0.0000	\$0.0400	(\$0.3097)	\$3.5078
Municipal (MS)	\$3.4687	(\$0.3088)	\$3.7775	0.00%	\$0.0000	\$0.0400	(\$0.3097)	\$3.5078
NGV Firm	\$3.4687	(\$0.3088)	\$3.7775	0.00%	\$0.0000	\$0.0400	(\$0.3097)	\$3.5078
Phila. Housing Authority (GS)	\$3.4687	(\$0.3088)	\$3.7775	3.62%	\$0.1256	\$0.0400	(\$0.3097)	\$3.6334

SALES & VOLUMES

MARCH 2021 THROUGH FEBRUARY 2022

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	2021	6,757,466	902,105	5,855,361	1,305	4,247	-	5,849,809	22,117	6,729,798
APRIL		4,603,390	600,610	4,002,781	1,263	4,110	-	3,997,408	14,833	4,583,185
MAY		2,145,736	314,780	1,830,956	1,305	4,247	-	1,825,404	6,038	2,134,147
JUNE		1,314,285	230,173	1,084,112	1,263	4,110	50	1,078,689	2,853	1,306,010
JULY		1,173,580	210,206	963,375	1,305	4,247	282	957,541	2,434	1,165,313
AUGUST		1,087,014	194,887	892,127	1,305	4,247	99	886,476	2,229	1,079,135
SEPTEMBER		1,064,513	189,560	874,953	1,263	4,110	157	869,423	2,126	1,056,858
OCTOBER		1,511,574	272,460	1,239,114	1,305	4,247	83	1,233,480	3,218	1,502,722
NOVEMBER		3,235,093	498,754	2,736,339	1,263	4,110	-	2,730,966	8,499	3,221,222
DECEMBER		5,928,875	851,893	5,076,982	1,305	4,247	-	5,071,431	16,559	5,906,765
JANUARY	2022	10,692,633	1,393,130	9,299,503	1,305	4,247	-	9,293,951	31,487	10,655,594
FEBRUARY		<u>8,942,230</u>	<u>1,167,045</u>	<u>7,775,185</u>	<u>1,179</u>	<u>3,836</u>	<u>-</u>	<u>7,770,170</u>	<u>25,972</u>	<u>8,911,243</u>
TOTAL		48,456,390	6,825,604	41,630,786	15,368	50,000	670	41,564,748	138,363	48,251,989

**Projected Applicable Fuel Expense
SUMMARY
March 1, 2021 2nd Quarter Filing**

	MARCH 2021	APRIL 2021	MAY 2021	JUNE 2021	JULY 2021	AUGUST 2021	SEPTEMBER 2021	OCTOBER 2021	NOVEMBER 2021	DECEMBER 2021	JANUARY 2022	FEBRUARY 2022	TOTAL
NATURAL GAS BILLED													
DEMAND CHARGE	\$ 5,603,540	\$ 5,602,205	\$ 5,475,607	\$ 5,481,281	\$ 5,473,243	\$ 5,472,044	\$ 2,930,811	\$ 2,837,843	\$ 3,801,039	\$ 4,466,822	\$ 4,464,990	\$ 4,585,313	\$ 56,194,736
COMMODITY CHARGE	\$ 14,501,858	\$ 7,085,330	\$ 7,539,417	\$ 5,644,954	\$ 5,998,809	\$ 6,051,657	\$ 9,613,006	\$ 11,255,527	\$ 12,344,361	\$ 13,541,871	\$ 12,057,550	\$ 11,870,650	\$ 117,504,991
TOTAL NATURAL GAS BILLED	\$20,105,398	\$12,687,535	\$13,015,024	\$11,126,236	\$11,472,052	\$11,523,701	\$12,543,817	\$14,093,370	\$16,145,400	\$18,008,693	\$16,522,540	\$16,455,962	\$173,699,727
INTERRUPTIBLE & A/C CREDIT	\$ 3,449	\$ 3,228	\$ 3,631	\$ 3,706	\$ 4,596	\$ 4,094	\$ 4,137	\$ 4,122	\$ 3,797	\$ 3,896	\$ 3,824	\$ 3,473	\$ 45,954
SENDOUT VOLUME IN MCF	1,340	1,297	1,340	1,348	1,630	1,441	1,458	1,425	1,297	1,340	1,340	1,210	16,467
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	\$ 2.4965	\$ 2.4145	\$ 2.6279	\$ 2.6660	\$ 2.7357	\$ 2.7554	\$ 2.7523	\$ 2.8057	\$ 2.8395	\$ 2.8198	\$ 2.7680	\$ 2.7826	
GAS USED FOR UTILITY	\$ 72,473	\$ 55,611	\$ 34,112	\$ 21,526	\$ 23,818	\$ 29,926	\$ 25,210	\$ 32,963	\$ 70,112	\$ 111,886	\$ 137,015	\$ 101,091	\$ 715,741
NATURAL GAS TO STORAGE	\$ (200,971)	\$ (1,697,042)	\$ (3,393,843)	\$ (3,317,668)	\$ (3,533,242)	\$ (3,561,432)	\$ (6,980,631)	\$ (4,935,970)	\$ -	\$ 0	\$ 0	\$ 0	\$ (27,620,799)
FROM STORAGE PGW	\$ 1,119,596	\$ 2,203,401	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 306,428	\$ 7,432,672	\$ 12,428,272	\$ 8,997,159	\$ 32,487,527
FT FROM STORAGE	\$ 112,559	\$ 1,517	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 34,891	\$ 593,809	\$ 853,116	\$ 616,928	\$ 2,212,819
NET NATURAL GAS STORAGE	\$918,624	\$506,359	(\$3,393,843)	(\$3,317,668)	(\$3,533,242)	(\$3,561,432)	(\$6,980,631)	(\$4,935,970)	\$306,428	\$7,432,672	\$12,428,272	\$8,997,159	\$4,866,728
LNG TO STORAGE	\$ (849,779)	\$ (493,876)	\$ (262,233)	\$ (9,060)	\$ -	\$ -	\$ (4,816)	\$ (415,107)	\$ (1,085,086)	\$ (953,430)	\$ (906,151)	\$ (916,802)	\$ (5,896,339)
FROM LNG PGW	\$ 243,673	\$ 236,165	\$ 243,880	\$ 235,944	\$ 243,807	\$ 243,807	\$ 235,943	\$ 244,104	\$ 237,421	\$ 1,184,743	\$ 1,139,616	\$ 840,270	\$ 5,329,371
FT FROM LNG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0
NET LNG STORAGE	\$ (606,106)	\$ (257,711)	\$ (18,353)	\$ 226,884	\$ 243,807	\$ 243,807	\$ 231,127	\$ (171,003)	\$ (847,665)	\$ 231,313	\$ 233,465	\$ (76,532)	(\$566,968)
LNG SALES FROM LNG TANK	\$ 11,706	\$ 11,372	\$ 11,737	\$ 11,356	\$ 11,734	\$ 11,734	\$ 11,356	\$ 11,735	\$ 11,394	\$ 11,895	\$ 12,020	\$ 10,971	\$ 139,010
SENDOUT VOLUMES (MCF)	4,247	4,110	4,247	4,110	4,247	4,247	4,110	4,247	4,110	4,247	4,247	3,836	50,000
@ AVG LNG COMMODITY RATE	\$ 2.7565	\$ 2.7673	\$ 2.7639	\$ 2.7633	\$ 2.7632	\$ 2.7632	\$ 2.7632	\$ 2.7633	\$ 2.7725	\$ 2.8011	\$ 2.8305	\$ 2.8603	
NET NATURAL GAS EXPENSE	\$20,330,288	\$12,865,971	\$9,553,348	\$7,998,864	\$8,142,469	\$8,160,322	\$5,753,610	\$8,937,577	\$15,518,860	\$25,545,001	\$29,031,418	\$25,261,054	\$177,098,782
APPLICABLE GCR EXPENSE													
NET NATURAL GAS EXPENSE	\$ 20,330,288	\$ 12,865,971	\$ 9,553,348	\$ 7,998,864	\$ 8,142,469	\$ 8,160,322	\$ 5,753,610	\$ 8,937,577	\$ 15,518,860	\$ 25,545,001	\$ 29,031,418	\$ 25,261,054	\$ 177,098,782
PURCHASED ELECTRIC & MISC	\$ 54,159	\$ 48,970	\$ 36,802	\$ 47,790	\$ 29,785	\$ 40,067	\$ 30,071	\$ 37,673	\$ 51,599	\$ 48,280	\$ 64,254	\$ 56,075	\$ 545,525
PLANALYTICS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ -	\$ 125,000
TOTAL APPLICABLE EXPENSES	\$20,384,447	\$12,914,941	\$9,590,150	\$8,046,654	\$8,172,254	\$8,200,389	\$5,783,680	\$8,975,250	\$15,570,459	\$25,593,281	\$29,220,672	\$25,317,130	\$177,769,307
TOTAL GCR FIRM SALES	5,849,809	3,997,408	1,825,404	1,078,689	957,541	886,476	869,423	1,233,480	2,730,966	5,071,431	9,293,951	7,770,170	41,564,748

**ACTUAL / ESTIMATED DATA - FISCAL YEAR 2020
PHILADELPHIA GAS WORKS**

Rate	Split Month		Split Month		Split Month		Split Month		
	7/1/2019	9/1/2019	10/1/2019	12/1/2019	1/1/2020	3/1/2020	4/1/2020	6/1/2020	7/1/2020
SSC in Effect	\$ 4.3501	\$ 4.4681	\$ 4.5860	\$ 4.6309	\$ 4.6757	\$ 4.2979	\$ 3.9200	\$ 3.7547	\$ 3.5893
GAC in Effect	\$ (0.0737)	\$ (0.0266)	\$ 0.0206	\$ 0.0279	\$ 0.0351	\$ 0.0064	\$ (0.0223)	\$ (0.0008)	\$ 0.0208
IRC in Effect	\$ (0.0040)	\$ (0.0038)	\$ (0.0036)	\$ 0.0016	\$ 0.0067	\$ 0.0050	\$ 0.0032	\$ 0.0028	\$ 0.0023
Total Effective	\$ 4.2724	\$ 4.4377	\$ 4.6030	\$ 4.6603	\$ 4.7175	\$ 4.3092	\$ 3.9009	\$ 3.7567	\$ 3.6124
Percentage of Total									
C-Factor	101.8%	100.7%	99.6%	99.4%	99.1%	99.7%	100.5%	99.9%	99.4%
E-Factor	-1.7%	-0.6%	0.4%	0.6%	0.7%	0.1%	-0.6%	0.0%	0.6%
IRC-Factor	-0.1%	-0.1%	-0.1%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

C-Factor									
Demand Charge in Effect	\$ 1,3403	\$ 1,6114	\$ 1,8825	\$ 1,9647	\$ 2,0469	\$ 1,7483	\$ 1,4497	\$ 1,4063	\$ 1,3629
Commodity in Effect	\$ 3,0098	\$ 2,8567	\$ 2,7035	\$ 2,6662	\$ 2,6288	\$ 2,5496	\$ 2,4703	\$ 2,3484	\$ 2,2264
	\$ 4.3501	\$ 4.4681	\$ 4.5860	\$ 4.6309	\$ 4.6757	\$ 4.2979	\$ 3.9200	\$ 3.7547	\$ 3.5893

Percentage of Total									
Demand Charge in Effect	30.8%	36.1%	41.0%	42.4%	43.8%	40.7%	37.0%	37.5%	38.0%
Commodity in Effect	69.2%	63.9%	59.0%	57.6%	56.2%	59.3%	63.0%	62.5%	62.0%
	100%	100%	100%	100%	100%	100%	100%	100%	100%

Fiscal Year 2019 E-Factor	C-Factor Over/(Under)	E-Factor Over/(Under)	Interest Over/(Under)	FY 2019 Final E-Factor
\$ (4,009,007)	\$ 2,846,633	\$ (310,221)	\$ (1,472,595)	

Actual Fiscal Year 2019-2020	Sep-2019	Oct-2019	Nov-2019	Dec-2019	Jan-2020	Feb-2020	Mar-2020	Apr-2020	May-2020	Jun-2020	Jul-2020	Aug-2020	FY2020 Total
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Total
GCR Firm Sales	944,022	1,100,259	3,212,670	6,174,658	7,181,471	6,615,343	4,876,760	3,503,179	2,513,054	1,210,783	859,773	808,104	39,000,076
GCR Revenue Billed	\$ 4,228,589	\$ 5,066,955	\$ 14,791,249	\$ 28,804,748	\$ 33,867,325	\$ 31,149,694	\$ 20,698,926	\$ 13,680,971	\$ 9,836,103	\$ 4,556,636	\$ 3,114,149	\$ 2,919,876	\$ 172,715,219
Migration Rider Revenue Billed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Load Balancing Billed	\$ 210,704	\$ 218,471	\$ 226,215	\$ 214,762	\$ 214,524	\$ 217,993	\$ 216,107	\$ 218,025	\$ 222,086	\$ 221,439	\$ 176,662	\$ 181,004	\$ 2,537,992
LNG Sales Demand Charge Credit	\$ -	\$ 76,522	\$ 26,059	\$ 8,650	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 111,231
Total Revenue Billed	\$ 4,439,293	\$ 5,361,947	\$ 15,043,523	\$ 29,028,160	\$ 34,081,849	\$ 31,367,687	\$ 20,915,032	\$ 13,898,996	\$ 10,058,189	\$ 4,778,075	\$ 3,290,811	\$ 3,100,880	\$ 175,364,443
Natural Gas Refunds	\$ -	\$ 1,115	\$ -	\$ 65	\$ -	\$ -	\$ -	\$ 9,649	\$ -	\$ 7,260,413	\$ 9,505,503	\$ (1,342,969)	\$ 15,433,777
Demand Charges	\$ 6,912,195	\$ 7,233,417	\$ 5,979,435	\$ 6,541,375	\$ 6,313,201	\$ 6,162,947	\$ 6,215,317	\$ 6,274,703	\$ 6,135,996	\$ 5,508,620	\$ 5,573,263	\$ 5,205,387	\$ 74,055,856
Supply Charges	\$ 1,884,811	\$ 3,919,177	\$ 12,954,389	\$ 16,806,918	\$ 15,966,168	\$ 12,643,264	\$ 8,566,017	\$ 6,185,423	\$ 3,073,686	\$ 1,872,767	\$ 1,297,880	\$ 1,244,726	\$ 86,415,226
Net Cost of Fuel	\$ 8,797,006	\$ 11,152,594	\$ 18,933,824	\$ 23,348,293	\$ 22,279,369	\$ 18,806,211	\$ 14,781,334	\$ 12,460,126	\$ 9,209,682	\$ 7,381,387	\$ 6,871,143	\$ 6,450,113	\$ 160,471,082

*REVISED April's GCR Firm Sales and Revenues have been revised

**FISCAL YEAR 2020
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 2019	8,797,006	4,228,589	100.7%	4,257,508	210,704	0	4,468,212	0	(4,328,794)	(4,328,794)
OCTOBER	11,152,594	5,066,955	99.6%	5,048,241	218,471	76,522	5,343,234	1,115	(5,808,246)	(10,137,039)
NOVEMBER	18,933,824	14,791,249	99.6%	14,736,621	226,215	26,059	14,988,896	0	(3,944,928)	(14,081,967)
DECEMBER	23,348,293	28,804,748	99.4%	28,623,029	214,762	8,650	28,846,441	65	5,498,213	(8,583,754)
JANUARY 2020	22,279,369	33,867,325	99.1%	33,567,239	214,524	0	33,781,763	0	11,502,394	2,918,640
FEBRUARY	18,806,211	31,149,694	99.1%	30,873,688	217,993	0	31,091,681	0	12,285,470	15,204,110
MARCH	14,781,334	20,698,926	99.7%	20,644,407	216,107	0	20,860,513	0	6,079,179	21,283,290
APRIL	12,460,126	13,680,971	100.5%	13,747,957	218,025	0	13,965,982	9,649	1,515,505	22,798,794
MAY	9,209,682	9,836,103	100.5%	9,884,264	222,086	0	10,106,350	0	896,668	23,695,462
JUNE	7,381,387	4,556,636	99.9%	4,554,210	221,439	0	4,775,649	7,260,413	4,654,676	28,350,138
JULY	6,871,143	3,114,149	99.4%	3,094,235	176,662	0	3,270,897	9,505,503	5,905,257	34,255,395
AUGUST	<u>6,450,113</u>	<u>2,919,876</u>	99.4%	<u>2,901,204</u>	<u>181,004</u>	0	<u>3,082,208</u>	<u>(1,342,969)</u>	<u>(4,710,874)</u>	29,544,521
Total	160,471,082	172,715,219		171,932,603	2,537,992	111,231	174,581,827	15,433,777	29,544,521	

**FISCAL YEAR 2020
PHILADELPHIA GAS WORKS
E-FACTOR RECONCILIATION**

		GCR SALES 1	TOTAL E-FACTOR VOLUMES 2	TOTAL GCR REVENUE BILLED 3	E-FACTOR % of GCR 4	E-FACTOR GCR REVENUE BILLED 5=(3 * 4)	OVER/(UNDER) PROJECTED RECOVERY 6
		(MCF)	(MCF)	(\$)		(\$)	(\$)
PRIOR YEAR E-FACTOR							\$ (1,472,595)
MONTH							
SEPTEMBER 2019	Actual	944,022	944,022	\$ 4,228,589	-0.6%	\$ (25,299)	\$ (1,497,894)
OCTOBER	Actual	1,100,259	1,100,259	\$ 5,066,955	0.4%	\$ 22,676	\$ (1,475,218)
NOVEMBER	Actual	3,212,670	3,212,670	\$ 14,791,249	0.4%	\$ 66,196	\$ (1,409,022)
DECEMBER	Actual	6,174,658	6,174,658	\$ 28,804,748	0.6%	\$ 172,139	\$ (1,236,882)
JANUARY 2020	Actual	7,181,471	7,181,471	\$ 33,867,325	0.7%	\$ 251,986	\$ (984,897)
FEBRUARY	Actual	6,615,343	6,615,343	\$ 31,149,694	0.7%	\$ 231,766	\$ (753,131)
MARCH	Actual	4,876,760	4,876,760	\$ 20,698,926	0.1%	\$ 30,742	\$ (722,389)
APRIL	Actual	3,503,179	3,503,179	\$ 13,680,971	-0.6%	\$ (78,209)	\$ (800,598)
MAY	Actual	2,513,054	2,513,054	\$ 9,836,103	-0.6%	\$ (56,229)	\$ (856,827)
JUNE	Actual	1,210,783	1,210,783	\$ 4,556,636	0.0%	\$ (910)	\$ (857,737)
JULY	Actual	859,773	859,773	\$ 3,114,149	0.6%	\$ 17,931	\$ (839,806)
AUGUST	Actual	808,104	808,104	\$ 2,919,876	0.6%	\$ 16,812	\$ (822,994)

**FISCAL YEAR 2020
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 2019	4,228,589	-0.09%	(3,621)
OCTOBER	5,066,955	-0.08%	(3,963)
NOVEMBER	14,791,249	-0.08%	(11,568)
DECEMBER	28,804,748	0.03%	9,580
JANUARY 2020	33,867,325	0.14%	48,100
FEBRUARY	31,149,694	0.14%	44,240
MARCH	20,698,926	0.11%	23,777
APRIL	13,680,971	0.08%	11,223
MAY	9,836,103	0.08%	8,069
JUNE	4,556,636	0.07%	3,336
JULY	3,114,149	0.06%	1,983
AUGUST	<u>2,919,876</u>	0.06%	<u>1,859</u>
TOTALS	172,715,219		133,015

**FISCAL YEAR 2020
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 2019	6,701,491	1,521,197	(5,180,294)	(5,180,294)
OCTOBER	6,938,424	2,071,237	(4,867,188)	(10,047,482)
NOVEMBER	5,727,161	6,047,852	320,691	(9,726,790)
DECEMBER	6,317,963	12,131,350	5,813,387	(3,913,403)
JANUARY 2020	6,098,677	14,699,754	8,601,077	4,687,674
FEBRUARY	5,944,954	13,540,946	7,595,992	12,283,666
MARCH	5,999,210	8,526,040	2,526,830	14,810,496
APRIL	6,056,678	5,078,558	(978,120)	13,832,376
MAY	5,913,910	3,643,174	(2,270,736)	11,561,640
JUNE	5,287,181	1,702,724	(3,584,457)	7,977,183
JULY	5,396,601	1,171,785	(4,224,816)	3,752,367
AUGUST	<u>5,024,383</u>	<u>1,101,364</u>	<u>(3,923,019)</u>	(170,651)
TOTALS	71,406,633	71,235,981	(170,651)	

**ACTUAL / ESTIMATED DATA - FISCAL YEAR 2021
PHILADELPHIA GAS WORKS**

Rate	7/1/2020	Split Month 9/1/2020	10/1/2020	Split Month 12/1/2020	1/1/2021	Split Month 3/1/2021	4/1/2021
	SSC in Effect	\$ 3.5893	\$ 3.8875	\$ 4.1857	\$ 4.3344	\$ 4.4830	\$ 4.1303
GAC in Effect	\$ 0.0208	\$ (0.3780)	\$ (0.7767)	\$ (0.7063)	\$ (0.6359)	\$ (0.4728)	\$ (0.3097)
IRC in Effect	\$ 0.0023	\$ 0.0020	\$ 0.0017	\$ 0.0015	\$ 0.0013	\$ 0.0011	\$ 0.0009
Total Effective	\$ 3.6124	\$ 3.5116	\$ 3.4107	\$ 3.6296	\$ 3.8484	\$ 3.6586	\$ 3.4687
Percentage of Total							
C-Factor	99.4%	110.7%	122.7%	119.4%	116.5%	112.9%	108.9%
E-Factor	0.6%	-10.8%	-22.8%	-19.5%	-16.5%	-12.9%	-8.9%
IRC-Factor	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	100%	100%	100%	100%	100%	100%	100%

C-Factor							
Demand Charge in Effect	\$ 1.3629	\$ 1.2704	\$ 1.1779	\$ 1.4367	\$ 1.6954	\$ 1.4383	\$ 1.1812
Commodity in Effect	\$ 2.2264	\$ 2.6171	\$ 3.0078	\$ 2.8977	\$ 2.7876	\$ 2.6920	\$ 2.5963
	\$ 3.5893	\$ 3.8875	\$ 4.1857	\$ 4.3344	\$ 4.4830	\$ 4.1303	\$ 3.7775

Percentage of Total							
Demand Charge in Effect	38.0%	32.7%	28.1%	33.1%	37.8%	34.8%	31.3%
Commodity in Effect	62.0%	67.3%	71.9%	66.9%	62.2%	65.2%	68.7%
	100%	100%	100%	100%	100%	100%	100%

Fiscal Year 2020 E-Factor	C-Factor Over/(Under)	E-Factor Over/(Under)	Interest Over/(Under)	FY 2020 Final E-Factor
	\$ 29,544,521	\$ (822,994)	\$ 1,397,105	\$ 30,118,632

Actual Fiscal Year 2020-2021	Sep-2020	Oct-2020	Nov-2020	Dec-2020	Jan-2021	Feb-2021
	Actual	Actual	Actual	Actual	Estimated	Estimated
GCR Firm Sales	944,050	1,163,957	2,683,868	5,478,835	7,001,198	7,174,331
GCR Revenue Billed	\$ 3,298,246	\$ 3,973,305	\$ 9,232,942	\$ 20,210,590	\$ 26,943,410	\$ 27,609,697
Migration Rider Revenue Billed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Load Balancing Billed	\$ 184,574	\$ 202,086	\$ 216,074	\$ 208,050	\$ 188,744	\$ 189,123
LNG Sales Demand Charge Credit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue Billed	\$ 3,482,820	\$ 4,175,391	\$ 9,449,016	\$ 20,418,640	\$ 27,132,154	\$ 27,798,819
Natural Gas Refunds	\$ -	\$ 2,460	\$ -	\$ -	\$ -	\$ -
Demand Charges	\$ 5,525,459	\$ 5,843,888	\$ 5,232,290	\$ 5,185,053	\$ 5,674,680	\$ 5,655,681
Supply Charges	\$ 1,720,479	\$ 2,271,896	\$ 7,590,608	\$ 15,866,024	\$ 14,426,234	\$ 17,429,573
Net Cost of Fuel	\$ 7,245,938	\$ 8,115,784	\$ 12,822,898	\$ 21,051,077	\$ 20,100,914	\$ 23,085,253

*REVISED

**FISCAL YEAR 2021
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 2020	7,245,938	3,298,246	110.7%	3,651,360	184,574	0	3,835,934	0	(3,410,004)	(3,410,004)
OCTOBER	8,115,784	3,973,305	122.7%	4,876,143	202,086	0	5,078,229	2,460	(3,035,095)	(6,445,099)
NOVEMBER	12,822,898	9,232,942	122.7%	11,330,907	216,074	0	11,546,981	0	(1,275,917)	(7,721,016)
DECEMBER	21,051,077	20,210,590	119.4%	24,135,160	208,050	0	24,343,210	0	3,292,133	(4,428,882)
JANUARY 2021	20,100,914	26,943,410	116.5%	31,386,370	188,744	0	31,575,114	0	11,474,200	7,045,317
FEBRUARY	23,085,253	27,609,697	116.5%	32,162,527	189,123	0	32,351,650	0	9,266,397	16,311,714

**FISCAL YEAR 2021
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							\$ 30,118,632
FY 2018 PIPELINE REFUND ADJUSTMENT							\$ 17,182
							\$ 30,135,814
MONTH							
SEPTEMBER 2020	Actual	944,050	944,050	\$ 3,298,246	-10.8%	\$ (354,992)	\$ 29,780,822
OCTOBER	Actual	1,163,957	1,163,957	\$ 3,973,305	-22.8%	\$ (904,819)	\$ 28,876,003
NOVEMBER	Actual	2,683,868	2,683,868	\$ 9,232,942	-22.8%	\$ (2,102,567)	\$ 26,773,436
DECEMBER	Actual	5,478,835	5,478,835	\$ 20,210,590	-19.5%	\$ (3,932,923)	\$ 22,840,514
JANUARY 2021	Estimated	7,001,198	7,001,198	\$ 26,943,410	-16.5%	\$ (4,452,062)	\$ 18,388,452
FEBRUARY	Estimated	7,174,331	7,174,331	\$ 27,609,697	-16.5%	\$ (4,562,157)	\$ 13,826,295
MARCH	Estimated	5,849,809	5,849,809	\$ 21,401,818		\$ (5,541,580)	
APRIL	Estimated	3,997,408	3,997,408	\$ 13,865,809		\$ (3,786,783)	
MAY	Estimated	1,825,404	1,825,404	\$ 6,331,779		\$ (1,729,223)	
JUNE	Estimated	1,078,689	1,078,689	\$ 3,741,649		\$ (1,021,853)	
JULY	Estimated	957,541	957,541	\$ 3,321,422		\$ (907,088)	
AUGUST	Estimated	886,476	886,476	\$ 3,074,921		\$ (839,768)	
TOTAL		14,595,327	14,595,327	\$ 51,737,398		(13,826,295)	
MARCH 1, 2021 E-FACTOR		-0.9473					

**FISCAL YEAR 2021
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 2020	3,298,246	0.06%	1,879
OCTOBER	3,973,305	0.05%	1,980
NOVEMBER	9,232,942	0.05%	4,602
DECEMBER	20,210,590	0.04%	8,353
JANUARY 2021	26,943,410	0.03%	9,102
FEBRUARY	27,609,697	0.03%	9,327

**FISCAL YEAR 2021
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 2020	5,340,885	1,199,321	(4,141,563)	(4,141,563)
OCTOBER	5,641,802	1,371,025	(4,270,777)	(8,412,340)
NOVEMBER	5,016,216	3,161,329	(1,854,887)	(10,267,227)
DECEMBER	4,977,003	7,871,168	2,894,165	(7,373,062)
JANUARY 2021	5,485,936	11,869,831	6,383,894	(989,167)
FEBRUARY	5,466,558	12,163,361	6,696,803	5,707,636

**FISCAL YEAR 2020
PHILADELPHIA GAS WORKS
INTEREST CALCULATION**

<u>MONTH</u>	NET COST	TOTAL	OVER/	INTEREST	TIME	INTEREST	INTEREST	TOTAL
	OF FUEL ⁽¹⁾	C FACTOR	(UNDER)	RATE	FACTOR	EXPENSE	NATURAL GAS	INTEREST
	1	REVENUE	RECOVERY	4	5	6 = (3*4*5)	REFUNDS ⁽²⁾	8 = (6+7)
	(\$)	BILLED ⁽¹⁾	3 = (2 - 1)	(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 19	8,797,006	4,468,212	(4,328,794)	4.75%	18/12	(308,427)	-	(308,427)
OCTOBER	11,152,594	5,343,234	(5,809,360)	4.75%	17/12	(390,922)	95	(390,827)
NOVEMBER	18,933,824	14,988,896	(3,944,928)	4.75%	16/12	(249,845)	-	(249,845)
DECEMBER	23,348,293	28,846,441	5,498,148	4.75%	15/12	326,453	5	326,458
JANUARY 20	22,279,369	33,781,763	11,502,394	4.75%	14/12	637,424	-	637,424
FEBRUARY	18,806,211	31,091,681	12,285,470	4.75%	13/12	632,190	-	632,190
MARCH	14,781,334	20,860,513	6,079,179	4.75%	12/12	288,761	-	288,761
APRIL *	12,460,126	13,965,982	1,505,856	4.75%	11/12	65,567	531	66,098
MAY	9,209,682	10,106,350	896,668	4.75%	10/12	35,493	-	35,493
JUNE	7,381,387	4,775,649	(2,605,738)	4.75%	9/12	(92,829)	326,719	233,890
JULY	6,871,143	3,270,897	(3,600,246)	4.75%	8/12	(114,008)	380,220	266,212
AUGUST	6,450,113	3,082,208	(3,367,905)	4.75%	7/12	(93,319)	(47,004)	(140,323)
Total	160,471,082	174,581,827	14,110,745			736,539	660,566	1,397,105

(1) See Schedule 4(b)

(2) See Schedule 6(b)

**FISCAL YEAR 2020
PHILADELPHIA GAS WORKS
INTEREST ON NATURAL GAS REFUNDS**

<u>MONTH</u>	NATURAL GAS REFUNDS ⁽¹⁾	INTEREST RATE	TIME FACTOR	INTEREST ON REFUNDS
	1	2	3	4=(1*2*3)
	(\$)			(\$)
SEPTEMBER 19	0	6.00%	18/12	0
OCTOBER	1,115	6.00%	17/12	95
NOVEMBER	0	6.00%	16/12	0
DECEMBER	65	6.00%	15/12	5
JANUARY 20	0	6.00%	14/12	0
FEBRUARY	0	6.00%	13/12	0
MARCH	0	6.00%	12/12	0
APRIL	9,649	6.00%	11/12	531
MAY	0	6.00%	10/12	0
JUNE	7,260,413	6.00%	9/12	326,719
JULY	9,505,503	6.00%	8/12	380,220
AUGUST	(1,342,969)	6.00%	7/12	(47,004)
TOTAL	15,433,777			660,566

**FISCAL YEAR 2020
PHILADELPHIA GAS WORKS
DEMAND AND COMMODITY INTEREST CALCULATION**

MONTH	OVER/(UNDER) RECOVERY (1) 1 (\$)	DEMAND CHARGE OVER/(UNDER) RECOVERY (2) 2 (\$)	COMMODITY CHARGE OVER/(UNDER) RECOVERY 3=(1-2) (\$)	INTEREST RATE 4	TIME FACTOR 5	DEMAND INTEREST EXPENSE 6=(2*4*5) (\$)	COMMODITY INTEREST EXPENSE 7=(3*4*5) (\$)	TOTAL INTEREST EXPENSE 8=(6+7) (\$)	INTEREST ON REFUNDS (3) 9 (\$)	TOTAL INTEREST 10=(8+9) (\$)
SEPTEMBER 19	(4,328,794)	(5,180,294)	851,500	4.75%	18/12	(369,096)	60,669	(308,427)	0	(308,427)
OCTOBER	(5,809,360)	(4,867,188)	(942,173)	4.75%	17/12	(327,521)	(63,400)	(390,922)	95	(390,827)
NOVEMBER	(3,944,928)	320,691	(4,265,620)	4.75%	16/12	20,310	(270,156)	(249,845)	0	(249,845)
DECEMBER	5,498,148	5,813,387	(315,240)	4.75%	15/12	345,170	(18,717)	326,453	5	326,458
JANUARY 20	11,502,394	8,601,077	2,901,317	4.75%	14/12	476,643	160,781	637,424	0	637,424
FEBRUARY	12,285,470	7,595,992	4,689,478	4.75%	13/12	390,877	241,313	632,190	0	632,190
MARCH	6,079,179	2,526,830	3,552,350	4.75%	12/12	120,024	168,737	288,761	0	288,761
APRIL	1,505,856	(978,120)	2,483,976	4.75%	11/12	(42,589)	108,156	65,567	531	66,098
MAY	896,668	(2,270,736)	3,167,403	4.75%	10/12	(89,883)	125,376	35,493	0	35,493
JUNE	(2,605,738)	(3,584,457)	978,719	4.75%	9/12	(127,696)	34,867	(92,829)	326,719	233,890
JULY	(3,600,246)	(4,224,816)	624,571	4.75%	8/12	(133,786)	19,778	(114,008)	380,220	266,212
AUGUST	(3,367,905)	(3,923,019)	555,114	4.75%	7/12	(108,700)	15,381	(93,319)	(47,004)	(140,323)
TOTAL FY 2020	14,110,745	(170,651)	14,281,396			153,753	582,786	736,539	660,566	1,397,105

INTERRUPTIBLE REVENUE CREDIT
March 1, 2021

Fiscal Year 2020 Reconciliation (8/31/20) \$ (89,542)

<u>MONTH</u>	<u>IRC CREDIT</u>	<u>MARGIN</u>	
September-20	Actual \$ 1,873	\$ 930	
October	Actual \$ 1,980	\$ 855	
November	Actual \$ 4,602	\$ 751	
December	Actual \$ 8,353	\$ 1,094	
January-21	Estimated \$ 9,102	\$ 979	
February	Estimated \$ 9,327	\$ 884	
Act/Est IRC Credit September 2020 to February 2021	<u>\$ 35,237</u>		
Act/Est Margin September 2020 to February 2021		<u>\$ 5,493</u>	<u>\$ 5,493</u>

FY 2020 Reconciliation Plus Act/Est Margin September 2020 to February 2021 \$ (84,049)

FY 2020 Reconciliation Plus Act/Est Margin September 2020 to February 2021	\$ (84,049)	
Act/Est IRC Credit September 2020 to February 2021	<u>\$ 35,237</u>	
Reconciliation as of February 28, 2021	\$ (48,812)	
Margin - March 2021 through February 2022	<u>\$ 11,526</u>	Schedule 7(b)
March 1, 2021 Interruptible Revenue Credit	\$ (37,286)	

GCR Firm Sales **41,564,748** Schedule 2

March 1, 2021 IRC/Mcf \$ (0.0009)

INTERRUPTIBLE REVENUE MARGIN
March 1, 2021

<u>MONTH</u>		<u>MARGIN</u>
March-21	Estimated	\$ 979
April	Estimated	\$ 947
May	Estimated	\$ 979
June	Estimated	\$ 947
July	Estimated	\$ 979
August	Estimated	\$ 979
September	Estimated	\$ 947
October	Estimated	\$ 979
November	Estimated	\$ 947
December	Estimated	\$ 979
January-22	Estimated	\$ 979
February	Estimated	\$ 884
Total		\$ <u>11,526</u>

**OTHER POST EMPLOYMENT BENEFIT (OPEB) SURCHARGE
FISCAL YEAR 2021**

FY 2019 Over/(Under) Recovery (\$176,056)

<u>Month</u>		<u>OPEB Volumes</u>	<u>OPEB Surcharge</u>	<u>Revenue Billed</u>
September 2019*	Actual	1,141,774	\$0.3228	\$368,565
October*	Actual	1,363,289	\$0.3362	\$458,338
November*	Actual	3,767,742	\$0.3362	\$1,266,715
December*	Actual	7,076,152	\$0.3362	\$2,379,002
January 2020*	Actual	8,185,552	\$0.3362	\$2,751,982
February*	Actual	7,537,547	\$0.3362	\$2,534,123
March*	Actual	5,596,295	\$0.3362	\$1,881,474
April *	Actual	4,041,596	\$0.3362	\$1,358,785
May*	Actual	2,868,396	\$0.3362	\$964,355
June*	Actual	1,410,071	\$0.3362	\$474,066
July*	Actual	1,031,552	\$0.3362	\$346,808
<u>August*</u>	Actual	952,170	\$0.3362	<u>\$320,120</u>
Total		44,972,134		\$15,104,332

FY 2020 Act/Est OPEB & FY 2019 Reconciliation	\$14,928,276
FY 2020 Permitted Recovery	<u>\$16,000,000</u>
Over/(Under) Recovery	(<u>\$1,071,724</u>)

*REVISED April's Applicable Volume has been revised
September through August Revenue Billed has been revised

**Philadelphia Gas Works
Restructuring & Consumer Education Surcharge
FISCAL YEAR 2022**

FY 2020 Over/(Under) Recovery \$19,650 Schedule 9(b)

<u>Month</u>		<u>R&CE Volumes</u>	<u>R&CE Surcharge</u>	<u>Revenue Billed</u>
September 2020	Actual	1,141,774	\$0.0017	\$1,941
October	Actual	1,363,289	(\$0.0009)	(\$1,227)
November	Actual	3,767,742	(\$0.0009)	(\$3,391)
December	Actual	7,076,152	(\$0.0009)	(\$6,369)
January 2021	Estimated	8,185,552	(\$0.0009)	(\$7,367)
February	Estimated	7,537,547	(\$0.0009)	(\$6,784)

Total 29,072,056 (\$23,196)

FY 2021 Act/Est R&CE & FY 2020 Reconciliation (\$3,546)

FY 2021 Permitted Recovery \$0 Schedule 9(c)
Over/(Under) Recovery (\$3,546)

March FY21 through August FY21 under recovery \$3,546.38

March FY21 through August FY21 volumes 17,035,239

FY 2022 R&CE Surcharge / Mcf \$0.0002

Philadelphia Gas Works
Restructuring & Consumer Education Surcharge
FISCAL YEAR 2020

FY 2018 Over/(Under) Recovery (\$147,623)

<u>Month</u>		<u>R&CE Volumes</u>	<u>R&CE Surcharge</u>	<u>Revenue Billed</u>
September 2019	Actual	1,141,774	\$0.0060	\$6,851
October	Actual	1,363,289	\$0.0043	\$5,862
November	Actual	3,767,742	\$0.0043	\$16,201
December	Actual	7,076,152	\$0.0043	\$30,427
January 2020	Actual	8,185,552	\$0.0043	\$35,198
February	Actual	7,537,547	\$0.0043	\$32,411
March	Actual	5,596,295	\$0.0043	\$24,064
April	Actual	4,041,596	\$0.0043	\$17,379
May	Actual	2,868,396	\$0.0043	\$12,334
June	Actual	1,410,071	\$0.0043	\$6,063
July	Actual	1,031,552	\$0.0043	\$4,436
<u>August</u>	Actual	<u>952,170</u>	\$0.0043	<u>\$4,094</u>
Total		44,972,134		\$195,321

FY 2020 Act/Est R&CE & FY 2019 Reconciliation \$47,698

FY 2020 Permitted Recovery \$28,049

Over/(Under) Recovery \$19,650

**Philadelphia Gas Works
Restructuring & Consumer Education Surcharge
Expense**

Fiscal Year	FY 2020												
Month	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	FY21
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Est
Capital													
POR Build (90%)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,049	\$ -
Access. Mech. (100%)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating													
Mailers (50%)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Access Mech. (100%)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Monthly Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,049	\$ -
Cumulative Total	\$ 823,203	\$ 823,203	\$ 823,203	\$ 823,203	\$ 823,203	\$ 823,203	\$ 823,203	\$ 823,203	\$ 823,203	\$ 823,203	\$ 823,203	\$ 823,203	\$ 851,251

**Philadelphia Gas Works
Restructuring & Consumer Education Surcharge
FISCAL YEAR 2021**

FY 2018 Over/(Under) Recovery (\$147,623)

<u>Month</u>		<u>R&CE Volumes</u>	<u>R&CE Surcharge</u>	<u>Revenue Billed</u>
September 2019	Actual	1,141,774	\$0.0060	\$6,851
October	Actual	1,363,289	\$0.0043	\$5,862
November	Actual	3,767,742	\$0.0043	\$16,201
December	Actual	7,076,152	\$0.0043	\$30,427
January 2020	Actual	8,185,552	\$0.0043	\$35,198
February	Actual	7,537,547	\$0.0043	\$32,411
March	Actual	5,596,295	\$0.0043	\$24,064
April *	Actual	4,041,596	\$0.0043	\$17,379
May	Actual	2,868,396	\$0.0043	\$12,334
June	Actual	1,410,071	\$0.0043	\$6,063
July	Actual	1,031,552	\$0.0043	\$4,436
<u>August</u>	Actual	<u>952,170</u>	\$0.0043	<u>\$4,094</u>
Total		44,972,134		\$195,321

FY 2020 Act/Est R&CE & FY 2019 Reconciliation \$47,698

FY 2020 Permitted Recovery \$28,049

Over/(Under) Recovery \$19,650

*REVISED April's Applicable Volume has been revised

CALCULATION OF RECOVERED CHARGES
2nd Qtr Filing
March 1, 2021

	<u>50% March</u>	<u>11.5 Months</u>	<u>Total</u>
			(MCF) (\$)
S - Firm Sales (Mcf)	2,924,904	38,639,844	41,564,748
C-Factor	<u>\$ 4.4830</u>	<u>\$ 3.7775</u>	
Projected Recovery	13,112,347	145,962,010	\$ 159,074,357
S - Firm Sales (Mcf)	2,924,904	38,639,844	41,564,748
IRC-Factor	<u>\$ 0.0013</u>	<u>\$ 0.0009</u>	
Projected Recovery	3,802	34,776	\$ 38,578
E-Factor Volumes (Mcf)	2,924,904	38,639,844	41,564,748
E-Factor	<u>\$ (0.6359)</u>	<u>\$ (0.3097)</u>	
Projected Recovery	(1,859,947)	(11,966,760)	\$ (13,826,706)
GCR (\$ / Mcf)	\$ 3.8484	\$ 3.4687	
<hr/>			
GCR Projected Recovery			\$ 145,286,228
Load Balancing Revenue			\$ 2,320,615
LNG Sales Demand Revenue			<u>\$ 60,735</u>
TOTAL PROJECTED RECOVERY			\$ 147,667,579

**STATEMENT OF RECONCILIATION
UNIVERSAL SERVICES & ENERGY CONSERVATION SURCHARGE
SEPTEMBER 2019 THROUGH AUGUST 2020**

Month	USC Applicable Volumes	USC Charge	USC Revenue Billed	USC Expenses	Monthly Over/(Under) Recovery	Cumulative Over/(Under) Recovery	
FY 19 Reconciliation							
FY 17 & FY 18 Conservation Incentive Credit						(\$1,259,707)	
CRP Adjustment for FY18& 19						(\$561,650)	
						(\$2,829,211)	
						(\$4,650,568)	
September 2019	Actual	1,138,871	\$ 1,2605	\$ 1,435,490	\$ (1,326,316)	\$ 2,761,806	(\$1,888,762)
October	Actual	1,358,986	\$ 1,2195	\$ 1,657,283	\$ 296,127	\$ 1,361,156	(\$527,606)
November	Actual	3,752,873	\$ 1,2195	\$ 4,576,629	\$ 4,409,569	\$ 167,060	(\$360,546)
December	Actual	7,048,852	\$ 1,1010	\$ 7,761,111	\$ 9,424,042	\$ (1,662,931)	(\$2,023,477)
January 2020	Actual	8,154,457	\$ 0.9826	\$ 8,012,507	\$ 12,323,589	\$ (4,311,082)	(\$6,334,560)
February	Actual	7,509,470	\$ 0.9826	\$ 7,378,747	\$ 12,918,550	\$ (5,539,803)	(\$11,874,362)
March	Actual	5,575,763	\$ 1.0768	\$ 6,004,239	\$ 8,583,702	\$ (2,579,463)	(\$14,453,825)
April *	Actual	4,026,660	\$ 1.1711	\$ 4,715,622	\$ 4,851,043	\$ (135,421)	(\$14,589,246)
May	Actual	2,857,151	\$ 1.1711	\$ 3,346,010	\$ 2,059,642	\$ 1,286,367	(\$13,302,879)
June	Actual	1,405,930	\$ 1.1742	\$ 1,650,858	\$ (600,645)	\$ 2,251,503	(\$11,051,376)
July	Actual	1,028,875	\$ 1.1773	\$ 1,211,316	\$ (1,528,632)	\$ 2,739,948	(\$8,311,429)
August	Actual	949,950	\$ 1.1773	\$ 1,118,396	\$ 2,255,154	\$ (1,136,758)	(\$9,448,186)

USC Expenses	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	FY2020 Total
ELIRP Expense	\$ (5,610)	\$ 593,111	\$ 775,900	\$ 640,702	\$ 40,960	\$ 1,207,567	\$ 669,221	\$ 319,392	\$ 258,903	\$ 132,158	\$ 66,448	\$ 1,278,944	\$ 5,977,696
ELIRP Labor	\$ 22,492	\$ 10,117	\$ 23,353	\$ 14,486	\$ 15,486	\$ 16,569	\$ 14,373	\$ 14,312	\$ 21,452	\$ 13,229	\$ 16,554	\$ 15,509	\$ 197,932
Conservation Incentive Credit	\$ -	\$ 227,500	\$ 100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 212,300	\$ -	\$ -	\$ 439,900
CRP Discount	\$ (2,403,563)	\$ (1,749,547)	\$ 2,348,336	\$ 7,501,644	\$ 10,903,197	\$ 10,457,560	\$ 6,628,267	\$ 3,525,469	\$ 749,769	\$(1,829,089)	\$(2,596,908)	\$(2,774,156)	\$30,760,979
CRP Forgiveness	\$ 988,896	\$ 1,121,236	\$ 1,031,915	\$ 880,406	\$ 890,992	\$ 788,561	\$ 946,916	\$ 758,533	\$ 877,485	\$ 791,483	\$ 921,875	\$ 3,677,656	\$13,675,954
Senior Citizen Discount	\$ 71,469	\$ 93,710	\$ 229,965	\$ 386,805	\$ 472,954	\$ 448,293	\$ 324,925	\$ 233,337	\$ 152,033	\$ 79,274	\$ 63,400	\$ 57,201	\$ 2,613,365
Bad Debt Expense Offset*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ (1,326,316)	\$ 296,127	\$ 4,409,569	\$ 9,424,042	\$ 12,323,589	\$ 12,918,550	\$ 8,583,702	\$ 4,851,043	\$ 2,059,642	\$ (600,645)	\$(1,528,632)	\$ 2,255,154	\$53,665,827

CRP Participation													
Rate Case Participation Rate	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000
Actual Participation Rate*	52,717	53,395	53,177	54,040	55,069	53,843	54,250	54,885	55,324	55,638	55,750	55,845	55,845
CRP Under/(Over) Participation	7,283	6,605	6,823	5,960	4,931	6,157	5,750	5,115	4,676	4,362	4,250	4,155	
Average Shortfall Per CRP Participant													
CRP Discount	\$ (2,403,563)	\$ (1,749,547)	\$ 2,348,336	\$ 7,501,644	\$ 10,903,197	\$ 10,457,560	\$ 6,628,267	\$ 3,525,469	\$ 749,769	\$(1,829,089)	\$(2,596,908)	\$(2,774,156)	
Actual Participation Rate	52,717	53,395	53,177	54,040	55,069	53,843	54,250	54,885	55,324	55,638	55,750	55,845	
Average Shortfall per CRP Participant	\$ (46)	\$ (33)	\$ 44	\$ 139	\$ 198	\$ 194	\$ 122	\$ 64	\$ 14	\$ (33)	\$ (47)	\$ (50)	
Shortfall**	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bad Debt Expense Offset** 7.5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

*REVISED April's Applicable Volume has been revised

**Bad Debt Expense Offset Applicable When Actual CRP Participation Exceeds 60,000

PHILADELPHIA GAS WORKS
MARCH 1, 2021
UNIVERSAL SERVICE & ENERGY CONSERVATION SURCHARGE

	Expenses in <u>the Surcharge</u>
Enhanced Low Income Retrofit Program (ELIRP)	\$ 9,622,239
Customer Responsibility Program (CRP)	\$ 62,123,653
Senior Citizen Discount *	\$ 1,893,621
<u>February 2021 Under Collection</u>	<u>\$ 2,516,004</u>
Total \$ to be Recovered	\$ 76,155,518
 Total Applicable Volumes	 Mcf 48,224,690
 Universal Service & Energy Conservation Surcharge	 <u>\$ 1.5792</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 \$2,129,411.

**STATEMENT OF RECONCILIATION
UNIVERSAL SERVICES & ENERGY CONSERVATION SURCHARGE
SEPTEMBER 2020 THROUGH FEBRUARY 2021**

Month		USC Applicable Volumes	USC Charge	USC Revenue Billed	USC Expenses	Monthly Over/(Under) Recovery	Cumulative Over/(Under) Recovery
FY 20 Reconciliation							(\$9,448,186)
September 2020	Actual	1,133,164	\$ 1,4085	\$ 1,596,062	\$ (592,982)	\$ 2,189,044	(\$7,259,143)
October	Actual	1,401,507	\$ 1,6397	\$ 2,298,051	\$ 1,362,442	\$ 935,609	(\$6,323,534)
November	Actual	3,139,376	\$ 1,6397	\$ 5,147,635	\$ 4,984,526	\$ 163,109	(\$6,160,425)
December	Actual	6,248,495	\$ 1,7832	\$ 11,142,004	\$ 9,472,609	\$ 1,669,395	(\$4,491,030)
January 2020	Estimated	8,030,099	\$ 1,9266	\$ 15,470,790	\$ 14,264,021	\$ 1,206,769	(\$3,284,261)
February	Estimated	8,235,806	\$ 1,9266	\$ 15,867,103	\$ 15,098,846	\$ 768,257	(\$2,516,004)

USC Expenses	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21
ELIRP Expense	\$ 1,661	\$ 694,650	\$ 911,900	\$ 5,768	\$ 890,890	\$ 890,890
ELIRP Labor	\$ 8,143	\$ 8,815	\$ 6,628	\$ 6,649	\$ 13,221	\$ 13,221
Concervation Incentive Credit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CRP Discount	\$ (1,656,782)	\$ (430,516)	\$ 3,202,962	\$ 8,297,918	\$ 12,084,222	\$ 12,895,026
CRP Forgiveness	\$ 989,799	\$ 998,895	\$ 674,746	\$ 827,227	\$ 882,149	\$ 894,380
Senior Citizen Discount	\$ 64,197	\$ 90,598	\$ 188,291	\$ 335,047	\$ 393,538	\$ 405,329
Bad Debt Expense Offset*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ (592,982)	\$ 1,362,442	\$ 4,984,526	\$ 9,472,609	\$ 14,264,021	\$ 15,098,846

CRP Participation				
Rate Case Participation Rate	60,000	60,000	60,000	60,000
Actual Participation Rate*	55,748	55,925	56,226	56,577
CRP Under/(Over) Participation	4,252	4,075	3,774	3,423
Average Shortfall Per CRP Participant				
CRP Discount	\$ (1,656,782)	\$ (430,516)	\$ 3,202,962	\$ 8,297,918
Actual Participation Rate	55,748	55,925	56,226	56,577
Average Shortfall per CRP Participant	\$ (30)	\$ (8)	\$ 57	\$ 147
Shortfall*	\$ -	\$ -	\$ -	\$ -
Bad Debt Expense Offset* 7.5%	\$ -	\$ -	\$ -	\$ -

*Bad Debt Expense Offset Applicable When Actual CRP Participation Exceeds 60,000

**Change In Rates
2nd Quarter Filing
Rates Effective March 1, 2021**

	<u>Current Rates</u>				01/01/21 Commodity Rate (5)=(1)+(2)+(3)+(4)
	01/01/21 <u>Distribution Charge</u> (1)	01/01/21 <u>GCR</u> (2)	01/01/21 <u>MFC</u> (3)	01/01/21 <u>GPC</u> (4)	
Residential GS	\$9.1924	\$3.8484	\$0.1393	\$0.0400	\$13.2201
Commercial GS	\$7.2914	\$3.8484	\$0.0350	\$0.0400	\$11.2148
Industrial GS	\$7.1598	\$3.8484	\$0.0162	\$0.0400	\$11.0644
Phila.Housing Authority (PHA)	\$7.4737	\$3.8484	\$0.0000	\$0.0400	\$11.3621
Municipal (MS)	\$6.7226	\$3.8484	\$0.0000	\$0.0400	\$10.6110
Phila.Housing Authority (GS)	\$8.2726	\$3.8484	\$0.1393	\$0.0400	\$12.3003

March 1, 2021 - Distribution Charge

	<u>Delivery</u>	<u>Surcharges</u>			<u>Restructuring & Consumer Education</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>Total Surcharges</u> (11)=(7)+(8)+(9)+(10)	
Residential GS	\$6.8642	\$0.3473	\$0.0187	\$1.5792	\$0.0002	\$1.9454	\$8.8096
Commercial GS	\$4.9570	\$0.3473	\$0.0268	\$1.5792	\$0.0002	\$1.9535	\$6.9105
Industrial GS	\$4.8825	\$0.3473	(\$0.0158)	\$1.5792	\$0.0002	\$1.9109	\$6.7934
Phila.Housing Authority (PHA)	\$5.1393	\$0.3473	\$0.0268	\$1.5792	\$0.0002	\$1.9535	\$7.0928
Municipal (MS)	\$4.4159	\$0.3473	\$0.0000	\$1.5792	\$0.0002	\$1.9267	\$6.3426
Phila.Housing Authority (GS)	\$5.9444	\$0.3473	\$0.0187	\$1.5792	\$0.0002	\$1.9454	\$7.8898

Proposed Rates

	03/01/21 <u>Distribution Charge</u> (12)	03/01/21 <u>GCR</u> (13)	03/01/21 <u>MFC</u> (14)	03/01/21 <u>GPC</u> (15)	03/01/21 Commodity Rate (16)=(12)+(13)+(14)+(15)	<u>Difference</u> (17)=(16)-(5)
	Residential GS	\$8.8096	\$3.4687	\$0.1256	\$0.0400	\$12.4439
Commercial GS	\$6.9105	\$3.4687	\$0.0316	\$0.0400	\$10.4508	(\$0.7640)
Industrial GS	\$6.7934	\$3.4687	\$0.0146	\$0.0400	\$10.3167	(\$0.7477)
Phila.Housing Authority (PHA)	\$7.0928	\$3.4687	\$0.0000	\$0.0400	\$10.6015	(\$0.7606)
Municipal (MS)	\$6.3426	\$3.4687	\$0.0000	\$0.0400	\$9.8513	(\$0.7597)
Phila.Housing Authority (GS)	\$7.8898	\$3.4687	\$0.1256	\$0.0400	\$11.5241	(\$0.7762)

EFFICIENCY COST RECOVERY (ECR) SURCHARGE
MARCH 1, 2021

<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	\$641,190	-\$37,926	\$732	\$603,995
Labor Expense	\$66,115	-\$7,141	\$77	\$59,052
Commercial & Industrial Retrofit Incentive (CIRI)				
Program Expense	\$16,666	\$141,156	\$0	\$157,822
Labor Expense	\$1,780	\$14,801	\$0	\$16,581
Commercial & Industrial Equipment Rebate (CIER)				
Program Expense	\$40,455	\$255,831	\$4,003	\$300,289
Labor Expense	\$4,452	\$27,490	\$441	\$32,383
High-Efficiency Construction Incentive (HECI)				
Program Expense	\$170,873	\$0	\$0	\$170,873
Labor Expense	\$17,820	\$0	\$0	\$17,820
EnergySense Smart Thermostat (TSTAT)				
Program Expense	\$203,330	\$7,677	\$0	\$211,007
Labor Expense	<u>\$21,198</u>	<u>\$800</u>	<u>\$0</u>	<u>\$21,999</u>
Total Expense	\$1,183,879	\$402,688	\$5,253	\$1,591,820
Prior Period Reconciliation (2/28/21)	<u>\$ (522,651)</u>	<u>\$ (103,079)</u>	<u>\$ (19,405)</u>	<u>\$ (645,135)</u>
Total	\$661,228	\$299,609	-\$14,152	\$946,685
Volumes - Mcf (GCR Firm & Firm Transportation)	35,298,584	11,170,011	896,100	

Efficiency Cost Recovery Surcharge / Mcf	\$0.0187	\$0.0268	(\$0.0158)
---	-----------------	-----------------	-------------------

**EFFICIENCY COST RECOVERY (ECR) SURCHARGE
STATEMENT OF RECONCILIATION
2nd QUARTER FILING**

		<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Estimated</u>	<u>Estimated</u>
		<u>Sep-20</u>	<u>Oct-20</u>	<u>Nov-20</u>	<u>Dec-20</u>	<u>Jan-21</u>	<u>Feb-21</u>
RESIDENTIAL & PHA GS							
FY 2020 Over-Collection	\$ 335,810	*	*				
Volume Billed		729,359	917,832	2,250,407	4,629,612	6,062,344	6,213,172
ECR Surcharge		\$ 0.0257	\$ 0.0299	\$ 0.0299	\$ 0.0257	\$ 0.0215	\$ 0.0215
Revenue Billed		\$ 18,708	\$ 27,443	\$ 67,287	\$ 118,981	\$ 130,340	\$ 133,583
RHER	Expense	\$ 638	\$ 58,390	\$ (11,253)	\$ 29,912	\$ 51,489	\$ 51,489
RHER	Labor	\$ 3,131	\$ 3,389	\$ 890	\$ 2,556	\$ 5,290	\$ 5,290
HECI	Expense	\$ 183	\$ 3,945	\$ (4,128)	\$ 4,375	\$ 16,958	\$ 16,958
HECI	Labor	\$ 895	\$ 969	\$ (1,865)	\$ 731	\$ 1,778	\$ 1,778
CIRI	Expense	\$ 22	\$ 452	\$ (474)	\$ 521	\$ 2,018	\$ 2,018
CIRI	Labor	\$ 107	\$ 115	\$ (222)	\$ 87	\$ 212	\$ 212
CIER	Expense	\$ 41	\$ 1,997	\$ (2,039)	\$ 4,015	\$ 3,471	\$ 3,471
CIER	Labor	\$ 203	\$ 220	\$ (423)	\$ 166	\$ 404	\$ 404
TSTAT	Expense	\$ 209	\$ 4,348	\$ (4,557)	\$ 5,005	\$ 19,402	\$ 19,402
TSTAT	Labor	\$ 1,025	\$ 1,109	\$ (2,134)	\$ 837	\$ 2,034	\$ 2,034
Total		\$ 6,454	\$ 74,935	\$ (26,204)	\$ 48,205	\$ 103,056	\$ 103,056
Monthly Over/(Under)		\$ 12,254	\$ (47,492)	\$ 93,492	\$ 70,776	\$ 27,284	\$ 30,527
Cumulative Over/(Under)		\$ 348,064	\$ 300,572	\$ 394,063	\$ 464,839	\$ 492,123	\$ 522,651
COMMERCIAL & PHA							
FY 2020 Over-Collection	\$ 281,639						
Volume Billed		365,158	437,492	781,477	1,403,840	1,680,457	1,721,873
ECR Surcharge		\$ (0.0206)	\$ (0.0248)	\$ (0.0248)	\$ 0.0015	\$ 0.0277	\$ 0.0277
Revenue Billed		\$ (7,522)	\$ (10,850)	\$ (19,381)	\$ 2,036	\$ 46,549	\$ 47,696
RHER	Expense	\$ 24	\$ 2,205	\$ 82,421	\$ 1,129	\$ (8,412)	\$ (8,412)
RHER	Labor	\$ 118	\$ 128	\$ 12,883	\$ 97	\$ (1,406)	\$ (1,406)
CIRI	Expense	\$ 253	\$ 5,272	\$ (5,525)	\$ 6,069	\$ 23,526	\$ 23,526
CIRI	Labor	\$ 1,242	\$ 1,345	\$ (2,587)	\$ 1,014	\$ 2,467	\$ 2,467
CIER	Expense	\$ 277	\$ 13,357	\$ 6,006	\$ 26,853	\$ 20,762	\$ 20,762
CIER	Labor	\$ 1,359	\$ 1,472	\$ 215	\$ 1,110	\$ 2,319	\$ 2,319
TSTAT	Expense	\$ 8	\$ 164	\$ (172)	\$ 189	\$ 733	\$ 733
TSTAT	Labor	\$ 39	\$ 42	\$ (81)	\$ 32	\$ 77	\$ 77
Total		\$ 3,321	\$ 23,984	\$ 93,161	\$ 36,493	\$ 40,064	\$ 40,064
Monthly Over/(Under)		\$ (10,843)	\$ (34,834)	\$ (112,542)	\$ (34,457)	\$ 6,485	\$ 7,632
Cumulative Over/(Under)		\$ 270,796	\$ 235,962	\$ 123,420	\$ 88,963	\$ 95,448	\$ 103,079
INDUSTRIAL							
FY 2020 Over-Collection	\$ 35,745						
Volume Billed		31,008	38,199	55,097	107,575	130,627	135,295
ECR Surcharge		\$ (0.0204)	\$ (0.0337)	\$ (0.0337)	\$ (0.0316)	\$ (0.0294)	\$ (0.0294)
Revenue Billed		\$ (631)	\$ (1,287)	\$ (1,857)	\$ (3,394)	\$ (3,840)	\$ (3,978)
RHER	Expense	\$ 1	\$ 63	\$ (64)	\$ 32	\$ 62	\$ 62
RHER	Labor	\$ 3	\$ 4	\$ (7)	\$ 3	\$ 7	\$ 7
CIER	Expense	\$ 4	\$ 198	\$ (202)	\$ 397	\$ 343	\$ 343
CIER	Labor	\$ 20	\$ 22	\$ (42)	\$ 16	\$ 40	\$ 40
Total		\$ 28	\$ 286	\$ (314)	\$ 449	\$ 452	\$ 452
Monthly Over/(Under)		\$ (659)	\$ (1,573)	\$ (1,542)	\$ (3,843)	\$ (4,293)	\$ (4,430)
Cumulative Over/(Under)		\$ 35,086	\$ 33,513	\$ 31,970	\$ 28,128	\$ 23,835	\$ 19,405

*REVISED

Schedule 16(b)

**PHILADELPHIA GAS WORKS
LOAD BALANCING CHARGE
March 1, 2021**

Storage and Peaking Asset Cost		\$ 16,612,181
WSS Volumes MDQ	17,557.5	
Daily Demand Charge	\$0.45902	\$ 2,941,624
Total Charges		
Total Storage Charges		19,553,805
Design Day Requirements (Mcf)		698,361
Fulfilled from FT Capacity (Mcf)		(298,152)
WSS Storage Withdrawal Volumes MCF		<u>35,115</u>
Fulfilled from Storage and Peaking Assets (Excess Mcf)		435,323
<hr/>		
Annual Storage and Peaking Cost per Excess Mcf		\$ 44.9179
Per Mcf Over / (Under) Adjustment		\$ <u>0.4753</u>
Load Balancing Charge		\$ 44.4426

Over / (Under) Recovery	\$ 286,280
Interest	\$ <u>11,533</u>
Total Over/(Under) Recovery	\$ 297,813
Forecasted SSPC Volumes	626,592
Per Mcf Over / (Under) Adjustment	\$ 0.4753

Natural Gas Prices Used for PGW's - FY 2020-2021 - 2nd Quarter GCR Filing

Basis Differentials

	TRANSCO					TETCO						NYMEX Futures 01/15/20 Close	TRANSCO				NYMEX	TETCO					
	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-21													2.467	2.41	2.43		2.43	2.44	3.08	2.27	2.38	2.44
Feb-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.666	2.56	2.53	2.65	2.66	2.74	2.61	2.59	2.54	2.57	2.57	
Mar-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.630	2.52	2.49	2.61	2.62	2.70	2.57	2.55	2.50	2.53	2.53	
Apr-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.633	2.52	2.49	2.61	2.62	2.70	2.57	2.55	2.50	2.53	2.53	
May-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.661	2.55	2.52	2.64	2.65	2.73	2.60	2.58	2.53	2.56	2.56	
Jun-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.727	2.62	2.59	2.71	2.72	2.80	2.67	2.65	2.60	2.63	2.63	
Jul-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.802	2.69	2.66	2.78	2.79	2.87	2.74	2.72	2.67	2.70	2.70	
Aug-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.823	2.71	2.68	2.80	2.81	2.89	2.76	2.74	2.69	2.72	2.72	
Sep-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.811	2.70	2.67	2.79	2.80	2.88	2.75	2.73	2.68	2.71	2.71	
Oct-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.829	2.72	2.69	2.81	2.82	2.90	2.77	2.75	2.70	2.73	2.73	
Nov-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.887	2.78	2.75	2.87	2.88	2.96	2.83	2.81	2.76	2.79	2.79	
Dec-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	3.014	2.90	2.87	2.99	3.00	3.08	2.95	2.93	2.88	2.91	2.91	
Jan-22	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	3.103	2.99	2.96	3.08	3.09	3.17	3.04	3.02	2.97	3.00	3.00	
Feb-22	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	3.043	2.93	2.90	3.02	3.03	3.11	2.98	2.96	2.91	2.94	2.94	

Actual Natural Gas Billed

	<u>Oct-20</u>	<u>Nov-20</u>	<u>Dec-20</u>
Williams	\$ 2,903,836.94	\$ 2,522,835.34	\$ 2,757,188.62
Texas Eastern	\$ 2,995,834.34	\$ 2,580,683.42	\$ 2,559,871.97
Dominion	\$ 129,434.06	\$ 128,653.14	\$ 133,867.00
Equitrans	\$ -	\$ -	\$ -
Spot Purchases -Transco	\$ 95.51	\$ 14,259.02	\$ 55,140.40
Spot Purchases -Tetco	\$ -	\$ -	\$ -
Transco Supply2	\$ -	\$ -	\$ -
Transco Supply3	\$ -	\$ -	\$ -
Transco Supply6	\$ -	\$ -	\$ -
Transco Supply7	\$ 896,962.50	\$ 880,500.00	\$ 881,950.00
Transco Supply8	\$ -	\$ -	\$ -
Transco Supply10	\$ -	\$ -	\$ -
Transco Supply12	\$ -	\$ -	\$ -
Transco Supply14	\$ 168,950.00	\$ -	\$ -
Transco Supply17	\$ -	\$ -	\$ -
Transco Supply20	\$ -	\$ -	\$ -
Transco Supply21	\$ -	\$ -	\$ -
Transco Supply22	\$ -	\$ -	\$ -
Transco Supply23	\$ -	\$ -	\$ -
Transco Supply24	\$ -	\$ -	\$ -
Transco Supply25	\$ -	\$ -	\$ -
Transco Supply26	\$ -	\$ -	\$ -
Transco Supply27	\$ -	\$ -	\$ -
Transco Supply28	\$ -	\$ -	\$ -
Transco Supply29	\$ 119,892.50	\$ -	\$ -
Transco Supply30	\$ 1,232,226.00	\$ 1,631,462.50	\$ 2,584,211.25
Transco Supply31	\$ -	\$ -	\$ -
Transco Supply32	\$ -	\$ -	\$ -
Transco Supply33	\$ -	\$ -	\$ -
Transco Supply34	\$ 320,462.50	\$ 885,375.00	\$ 890,087.50
Transco Supply35	\$ -	\$ 433,275.00	\$ 1,432,687.50
Transco Supply36	\$ -	\$ -	\$ -
Transco Supply37	\$ 423,311.20	\$ 2,029,725.00	\$ 2,027,632.50
Transco Supply40	\$ -	\$ 620,532.00	\$ 619,356.75
Tetco Supply1	\$ 440,057.42	\$ -	\$ -
Tetco Supply2	\$ -	\$ -	\$ -
Tetco Supply3	\$ -	\$ -	\$ -
Tetco Supply4	\$ -	\$ -	\$ -
Tetco Supply5	\$ -	\$ 489,925.26	\$ 517,212.99
Tetco Supply7	\$ -	\$ -	\$ -
Tetco Supply13	\$ -	\$ -	\$ -
Tetco Supply14	\$ -	\$ -	\$ -
Tetco Supply16	\$ -	\$ -	\$ -
Tetco Supply17	\$ -	\$ -	\$ -
Tetco Supply18	\$ -	\$ -	\$ -
Tetco Supply19	\$ -	\$ -	\$ -
Tetco Supply20	\$ -	\$ -	\$ -
Tetco Supply21	\$ -	\$ -	\$ -
Tetco Supply22	\$ -	\$ -	\$ -
Tetco Supply23	\$ -	\$ -	\$ -
Tetco Supply24	\$ 90,662.40	\$ 1,215,776.63	\$ 1,623,400.00
Tetco Supply25	\$ -	\$ -	\$ -
Tetco Supply26	\$ 563,835.79	\$ 573,015.75	\$ 1,542,252.16
Tetco Supply27	\$ -	\$ -	\$ -
Tetco Supply28	\$ 179,906.93	\$ 234,922.24	\$ 248,000.00
Tetco Supply29	\$ -	\$ -	\$ -
Tetco Supply30	\$ -	\$ -	\$ -
Tetco Supply31	\$ -	\$ -	\$ -
Tetco Supply32	\$ -	\$ -	\$ -
Tetco Supply33	\$ -	\$ 632,976.60	\$ 669,965.80
Tetco Supply34	\$ 29,953.80	\$ 113,850.00	\$ 120,435.00
Tetco Supply35	\$ -	\$ -	\$ 218,950.00
Tetco Supply36	\$ -	\$ -	\$ -
Total Costs	\$ 10,495,422	\$ 14,987,767	\$ 18,882,209
Sharing Mechanism	\$ 49,683	\$ 196,756	\$ 203,314
Asset Management Agreement	\$ -	\$ -	\$ -
Off System Sales	\$ -	\$ -	\$ -
Gas Transportation Purchases	\$ -	\$ -	\$ -
Adjustment/Reconciliation	\$ 97,047	\$ 26,249	\$ (16,102)
Total Natural Gas Billed	\$ 10,642,152	\$ 15,210,771	\$ 19,069,422

**Philadelphia Gas Works
Summary of Fuels Purchased
Three Months Ending December 2020**

	<u>Actual</u>				<u>Projected</u>			<u>Actual Over/Under vs Projected</u>				
	<u>Oct-20</u>	<u>Nov-20</u>	<u>Dec-20</u>	<u>Total</u>	<u>4th Qtr Filing Oct-20</u>	<u>1st Qtr Filing Nov-20</u>	<u>1st Qtr Filing Dec-20</u>	<u>Total</u>	<u>Oct-20</u>	<u>Nov-20</u>	<u>Dec-20</u>	<u>Total</u>
Total Natural Gas Billed	\$ 10,642,152	\$ 15,210,771	\$ 19,069,422	\$ 44,922,345	\$ 13,542,441	\$ 16,695,117	\$ 23,869,936	\$ 54,107,494	\$ (2,900,289)	\$ (1,484,346)	\$ (4,800,514)	\$ (9,185,149)
Less Imbalance Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Less Interruptible Credit	\$ 1,651	\$ 3,059	\$ 3,290	\$ 8,000	\$ 17,141	\$ 17,367	\$ 19,620	\$ 54,128	\$ (15,490)	\$ (14,308)	\$ (16,330)	\$ (46,128)
Gas Used For Utility	\$ 20,867	\$ 59,841	\$ 104,114	\$ 184,822	\$ 20,953	\$ 51,074	\$ 98,443	\$ 170,470	\$ (86)	\$ 8,767	\$ 5,671	\$ 14,352
	\$ 10,619,634	\$ 15,147,871	\$ 18,962,018	\$ 44,729,523	\$ 13,504,348	\$ 16,626,676	\$ 23,751,872	\$ 53,882,897	\$ (2,884,714)	\$ (1,478,805)	\$ (4,789,854)	\$ (9,153,374)
Pipeline Storages												
(To)	\$ (2,159,919)	\$ (1,806,269)	\$ (211,109)	\$ (4,177,297)	\$ (3,303,640)	\$ (1,629,242)	\$ (151,808)	\$ (5,084,690)	\$ 1,143,721	\$ (177,027)	\$ (59,301)	\$ 907,393
From	\$ (315,034)	\$ 109,218	\$ 2,656,887	\$ 2,451,071	\$ 340,438	\$ 474,643	\$ 2,286,793	\$ 3,101,874	\$ (655,472)	\$ (365,425)	\$ 370,094	\$ (650,803)
Net Pipeline Storages	\$ (2,474,953)	\$ (1,697,051)	\$ 2,445,778	\$ (1,726,226)	\$ (2,963,202)	\$ (1,154,599)	\$ 2,134,985	\$ (1,982,816)	\$ 488,249	\$ (542,452)	\$ 310,793	\$ 256,590
LNG Storage												
(To)	\$ (251,514)	\$ (961,393)	\$ (622,201)	\$ (1,835,108)	\$ -	\$ (1,162,323)	\$ (1,039,044)	\$ (2,201,367)	\$ (251,514)	\$ 200,930	\$ 416,843	\$ 366,259
From	\$ 199,259	\$ 301,589	\$ 265,482	\$ 766,330	\$ (813,269)	\$ 271,124	\$ 988,533	\$ 446,387	\$ 1,012,528	\$ 30,465	\$ (723,051)	\$ 319,943
Net LNG Storage	\$ (52,255)	\$ (659,804)	\$ (356,719)	\$ (1,068,778)	\$ (813,269)	\$ (891,200)	\$ (50,511)	\$ (1,754,980)	\$ 761,014	\$ 231,396	\$ (306,208)	\$ 686,202
Net Natural Gas	\$ 8,092,426	\$ 12,791,016	\$ 21,051,077	\$ 41,934,519	\$ 9,727,877.12	\$ 14,580,877	\$ 25,836,346	\$ 50,145,100	\$ (1,635,451)	\$ (1,789,861)	\$ (4,785,269)	\$ (8,210,581)
APPLICABLE GCR EXPENSES												
Net Natural Gas Expense	\$ 8,092,426	\$ 12,791,016	\$ 21,051,077	\$ 41,934,519	\$ 9,727,877	\$ 14,580,877	\$ 25,836,346	\$ 50,145,100	\$ (1,635,451)	\$ (1,789,861)	\$ (4,785,269)	\$ (8,210,581)
Purchased Electric & Misc	\$ 23,358	\$ 31,882	\$ -	\$ 55,240	\$ 31,241	\$ 44,814	\$ 52,772	\$ 128,827	\$ (7,883)	\$ (12,932)	\$ (52,772)	\$ (73,587)
Total GCR Expenses	\$ 8,115,784	\$ 12,822,898	\$ 21,051,077	\$ 41,989,759	\$ 9,759,118	\$ 14,625,691	\$ 25,889,119	\$ 50,273,927	\$ (1,643,334)	\$ (1,802,793)	\$ (4,838,042)	\$ (8,284,168)