



PHILADELPHIA GAS WORKS

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November 30, 2020

Via E-Filing Only

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

Re: PUC v. Philadelphia Gas Works (1st 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. 136;
- 2) PGW Gas Supplier Tariff, Pa. P.U.C. No. 1, Supplement No. 92; and
- 3) Supporting Schedules for PGW's 1st Quarter Gas Cost Rate filing.

These supplements are being filed to implement PGW's 1st 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 December 1, 2020.

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 Letter upon the persons listed below in the manner indicated in accordance with the requirements of 52 Pa. Code Section 1.54.

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Dated: November 30, 2020

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

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

Supplement No. 136

PHILADELPHIA GAS WORKS
GAS SERVICE TARIFF



Issued by: Craig White
President and CEO

PHILADELPHIA GAS WORKS
800 West Montgomery Avenue
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Rates to become effective December 1, 2020 in accordance with 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

UNACCOUNTED FOR GAS – SECTION 1307f, II DEFINITIONS (PAGE No. 14)

In the definition of Unaccounted for Gas, the Lost and Unaccounted for Gas and Retainage percentage effective December 1, 2020 decreases from 2.7% to 2.6%.

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

In the definition of “GAC,” the GAC value effective December 1, 2020, increases from \$(0.07767) per Ccf to \$(0.06359).

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

In the definition of “IRC,” the IRC value effective December 1, 2020 is \$(0.00013) per Ccf. In the definition of “SSC,” the SSC value effective December 1, 2020, increases from \$0.41857 per Ccf to \$0.44830 per Ccf.

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

The Gas Cost Rate (GCR) effective December 1, 2020 increase from \$0.34107 per Ccf to \$0.38484 per Ccf.

PRICE TO COMPARE (PAGE No. 78)

The Prices to Compare effective December 1, 2020 are: a) \$0.40318 per Ccf for Residential (GS-RES); b) \$0.38871 per Ccf for Public Housing Customers (GS-PH); (c) \$0.39110 per Ccf for Commercial (GS-COM); (d) \$0.39021 per Ccf for Industrial (GS-IND); (e) \$0.38871 per Ccf for Municipal Service (MS); (f) \$0.38871 per Ccf for Philadelphia Housing Authority (PHA); and, (g) \$0.38871 per Ccf for Natural Gas Vehicle Service (NGVS).

EFFICIENCY COST RECOVERY SURCHARGE (PAGE No. 80)

The Efficiency Cost Recovery Surcharge rates effective December 1, 2020 are: a) \$0.00215 per Ccf for Residential and Public Housing Customers on Rate GS; b) \$0.00277 per Ccf for Commercial Customers on Rate GS; c) \$(0.00294) per Ccf for Industrial Customers on Rate GS; and, d) \$0.00277 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 December 1, 2020 increases from \$0.16379 per Ccf to \$0.19266 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 December 1, 2020 increases from \$0.34107 per Ccf to \$0.38484 per Ccf.

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UNACCOUNTED FOR GAS (for the purpose of calculating retainage) – Unaccounted for gas is the difference in the amount of gas delivered to the Company’s distribution system and the amount billed to customers. The current Lost and Unaccounted for Gas and Retainage Rate percentage is 2.6%. The percentage changes annually on December 1st and is based upon actual data for the preceding 12 months ending August 31st.

(D)

(D) - Decrease

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 (\$0.06395) per Ccf for Commodity Costs and \$0.00036 per Ccf for Demand Costs, for service on or after December 1, 2020. The total GAC is (\$0.06359) per Ccf. (I)

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

(I) – Increase

IRC - Interruptible Revenue Credit - The credit defined in Subsection VI below. The currently effective IRC is \$0.00013 per Ccf for service on or after December 1, 2020.

(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 \$0.27876 per Ccf for Commodity Costs and \$0.16954 per Ccf for Demand Costs, for service on or after December 1, 2020. The total SSC is \$0.44830 per Ccf.

(I)

(I) – Increase

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 \$0.38484 per Ccf, for service on or after December 1, 2020.

(I)

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).

(I) – Increase

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: 3.76% - GS Residential (“GS RES”); 0.62% - GS Commercial (“GS COM”); and 0.39% - 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	\$0.44830	\$0.44830	\$0.44830	\$0.44830	\$0.44830	\$0.44830	\$0.44830
GAC	(\$0.06359)	(\$0.06359)	(\$0.06359)	(\$0.06359)	(\$0.06359)	(\$0.06359)	(\$0.06359)
MFC	\$0.01447	\$0.0000	\$0.00239	\$0.00150	\$0.00000	\$0.00000	\$0.00000
GPC	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400
PTC	\$0.40318	\$0.38871	\$0.39110	\$0.39021	\$0.38871	\$0.38871	\$0.38871

(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) \$0.00215 per Ccf for Residential and Public Housing Customers on Rate GS; | (D) |
| b) \$0.00277 per Ccf for Commercial Customers on Rate GS; | (I) |
| c) \$(0.00294) per Ccf for Industrial Customers on Rate GS; | (I) |
| d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and | (NC) |
| e) \$0.00277 per Ccf for The Philadelphia Housing Authority on Rate PHA. | (I) |

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 = \$0.19266/Ccf. **(I)**

(I) - Increase

GENERAL SERVICE - RATE GS

Rate: Applicable to all Retail Sales Service or Transportation Service rendered pursuant to this Rate Schedule on or after December 1, 2020.

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.

RATES

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

\$ 13.75 per month for Residential and Public Housing Authority Customers.
\$ 23.40 per month for Commercial Customers
\$ 70.00 per month for Industrial Customers

Surcharge: Distribution System Improvement Charge.

Plus,

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

\$0.38484	per Ccf for Residential and Public Housing	(I)
\$0.38484	per Ccf for Commercial Customers	(I)
\$0.38484	per Ccf for Industrial Customers	(I)

Plus,

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

(A) Delivery Charge:

\$0.66967	per Ccf for Residential
\$0.57105	per Ccf for Public Housing
\$0.48651	per Ccf for Commercial and Municipal Customers
\$0.47698	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

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 December 1, 2020.

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):

\$ 23.40 per month

Surcharge: Distribution System Improvement Charge.

Plus,

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

\$0.38484 per Ccf

(I)

Plus,

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

(A) Delivery Charge:

\$0.42723 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.

(I) – Increase

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 December 1, 2020.

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);

\$23.40 per month

Surcharge: Distribution System Improvement Charge.

Plus,

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

\$0.38484 per Ccf

(I)

Plus

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

(A) Delivery Charge:

\$0.50163 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.

(I) – Increase

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
December 1, 2020.

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):

\$0.38484 per Ccf

(I)

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.

(I) – Increase

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. 92

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 December 1, 2020 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

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Updated to reflect revised page numbers.

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

The load balancing charge effective December 1, 2020, is \$44.2057 per design day Mcf.

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9.14. LOAD BALANCING CHARGE.

9.14.A. Suppliers for all gas delivered under Firm Transportation Rates, of this Suppliers Tariff shall be charged at \$44.2057 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
December 1, 2020
1st QUARTER
GCR FILING

DECEMBER 1, 2020

1ST QUARTER GCR FILING

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Philadelphia Gas Works

Levelized Gas Cost Rate

December 1, 2020

Formula:

GCR = SSC + GAC - IRC

where:

	<u>Demand</u>	<u>Commodity</u>	<u>Total</u>	
S = Firm Sales (Mcf)			41,877,458	Schedule 2
<hr/>				
Net Natural Gas Expense	\$ 63,278,604	\$ 119,152,685	\$ 182,431,290	
Purchased Electric & Misc Expenses	\$ -	\$ 680,496	\$ 680,496	
Total Natural Gas Expense	\$ 63,278,604	\$ 119,833,181	\$ 183,111,786	Schedule 3
C-Factor Reconciliation	\$ 8,412,340	\$ (1,957,277)	\$ 6,455,063	Schedule 7(b)
C = Total Applicable GCR Expense	\$ 71,690,944	\$ 117,875,904	\$ 189,566,849	
SSC = C / S	\$ 1.7119	\$ 2.8148	\$ 4.5267	
<hr/>				
Adjustment For:				
E-Factor Volumes (Mcf)			37,059,466	
E-Factor Reconciliation	\$ 151,130	\$ (27,138,651)	\$ (26,987,521)	Schedule 7(c)
	\$ 151,130	\$ (27,138,651)	\$ (26,987,521)	
E = E-Factor	\$ 0.0041	\$ (0.7323)	\$ (0.7282)	
<hr/>				
Interruptible Revenue Credit			\$ (53,539)	Schedule 4(a)
IRC = Interruptible Revenue Credit / S			\$ (0.0013)	
<hr/>				
Net Applicable GCR Expenses = C + E - Interruptible Revenue Credit			\$ 162,632,867	
<u>GCR = SSC + GAC - IRC</u>			\$ 3.7998	
<hr/>				
SSC in effect 12/01/20	\$ 1.6954	\$ 2.7876	\$ 4.4830	
GAC in effect 12/01/20	\$ 0.0036	\$ (0.6395)	\$ (0.6359)	
IRC in effect 12/01/20			\$ 0.0013	
GCR in effect 12/01/20			\$ 3.8484	Schedule 8
<hr/>				
Recovery Test on:				
Firm Sales (Mcf)			41,877,458	
= GCR Projected Recovery		\$	160,053,726	
= Load Balancing Revenue		\$	2,496,681	
= LNG Sales Demand Revenue		\$	85,595	
= Total Projected Recovery		\$	162,636,002	Schedule 8
Compared To				
Net Applicable GCR Expenses		\$	162,632,867	
= Net Over/(Under) Recovery		\$	3,135	
<hr/>				
Degree Days			3,931	

Philadelphia Gas Works

Price To Compare (\$ / MCF)

December 1, 2020

	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	\$3.8484	(\$0.6346)	\$4.4830	3.76%	\$0.1447	\$0.0400	(\$0.6359)	\$4.0318
Commercial GS	\$3.8484	(\$0.6346)	\$4.4830	0.62%	\$0.0239	\$0.0400	(\$0.6359)	\$3.9110
Industrial GS	\$3.8484	(\$0.6346)	\$4.4830	0.39%	\$0.0150	\$0.0400	(\$0.6359)	\$3.9021
Phila. Housing Authority (PHA)	\$3.8484	(\$0.6346)	\$4.4830	0.00%	\$0.0000	\$0.0400	(\$0.6359)	\$3.8871
Municipal (MS)	\$3.8484	(\$0.6346)	\$4.4830	0.00%	\$0.0000	\$0.0400	(\$0.6359)	\$3.8871
NGV Firm	\$3.8484	(\$0.6346)	\$4.4830	0.00%	\$0.0000	\$0.0400	(\$0.6359)	\$3.8871
Phila. Housing Authority (GS)	\$3.8484	(\$0.6346)	\$4.4830	0.00%	\$0.0000	\$0.0400	(\$0.6359)	\$3.8871

SALES & VOLUMES

DECEMBER 2020 THROUGH NOVEMBER 2021

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)
DECEMBER	2020	5,957,470	890,010	5,067,460	2,749	4,247	-	5,060,465	18,809	5,931,666
JANUARY	2021	10,763,707	1,435,490	9,328,217	2,749	4,247	-	9,321,222	35,759	10,720,953
FEBRUARY		9,016,188	1,203,689	7,812,499	2,483	3,836	-	7,806,181	29,484	8,980,386
MARCH		6,943,415	956,447	5,986,967	2,749	4,247	-	5,979,972	21,915	6,914,505
APRIL		4,721,205	629,994	4,091,210	2,660	4,110	-	4,084,441	14,668	4,699,767
MAY		2,195,597	329,995	1,865,602	2,749	4,247	-	1,858,606	5,957	2,182,645
JUNE		1,340,582	241,266	1,099,316	2,660	4,110	50	1,092,497	2,806	1,330,956
JULY		1,193,644	220,717	972,927	2,749	4,247	282	965,650	2,389	1,183,978
AUGUST		1,102,306	204,780	897,526	2,749	4,247	99	890,432	2,182	1,093,030
SEPTEMBER		1,067,861	199,338	868,523	2,660	4,110	157	861,597	2,077	1,058,858
OCTOBER		1,523,743	292,490	1,231,254	2,749	4,247	83	1,224,176	3,138	1,513,527
NOVEMBER		<u>3,275,062</u>	<u>536,073</u>	<u>2,738,989</u>	<u>2,660</u>	<u>4,110</u>	<u>-</u>	<u>2,732,219</u>	<u>8,274</u>	<u>3,260,018</u>
TOTAL		49,100,780	7,140,290	41,960,490	32,362	50,000	670	41,877,458	147,457	48,870,290

**Projected Applicable Fuel Expense
December 1, 2020 GCR Filing**

	DECEMBER 2020	JANUARY 2021	FEBRUARY 2021	MARCH 2021	APRIL 2021	MAY 2021	JUNE 2021	JULY 2021	AUGUST 2021	SEPTEMBER 2021	OCTOBER 2021	NOVEMBER 2021	TOTAL
NATURAL GAS BILLED													
DEMAND CHARGE	\$5,628,342	\$5,626,096	\$5,633,040	\$5,579,958	\$5,460,815	\$5,451,995	\$5,457,195	\$5,448,408	\$5,446,699	\$4,396,567	\$4,353,251	\$4,796,237	\$63,278,604
COMMODITY CHARGE	\$18,241,594	\$14,673,415	\$13,503,293	\$13,796,813	\$10,047,596	\$9,651,231	\$6,995,891	\$7,355,688	\$7,387,991	\$9,435,135	\$12,536,776	\$13,209,799	\$136,835,222
TOTAL NATURAL GAS BILLED	\$23,869,936	\$20,299,511	\$19,136,333	\$19,376,771	\$15,508,411	\$15,103,226	\$12,453,085	\$12,804,096	\$12,834,689	\$13,831,703	\$16,890,027	\$18,006,037	\$200,113,826
INTERRUPTIBLE & A/C CREDIT	\$7,855	\$7,170	\$6,663	\$7,729	\$7,542	\$8,120	\$8,052	\$9,151	\$8,634	\$8,531	\$8,803	\$8,444	\$96,693
SENDOUT VOLUME IN MCF	2,816	2,816	2,544	2,816	2,725	2,816	2,777	3,106	2,917	2,886	2,901	2,725	33,844
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	\$2.6976	\$2.4624	\$2.5335	\$2.6545	\$2.6764	\$2.7887	\$2.8045	\$2.8498	\$2.8624	\$2.8585	\$2.9347	\$2.9964	
GAS USED FOR UTILITY	\$98,443	\$131,161	\$94,286	\$77,283	\$61,820	\$36,304	\$22,710	\$24,883	\$31,178	\$26,260	\$28,278	\$71,674	\$704,283
NATURAL GAS TO STORAGE	(\$151,808)	\$0	\$0	(\$213,723)	(\$2,499,661)	(\$5,281,292)	(\$4,602,248)	(\$4,856,800)	(\$4,882,074)	(\$6,758,793)	(\$5,930,285)	\$0	(\$35,176,684)
FROM STORAGE PGW	\$2,286,793	\$7,198,529	\$5,521,234	\$3,180,243	\$1,016,483	\$0	\$0	\$0	\$0	\$0	\$0	\$188,869	\$19,392,152
FT FROM STORAGE	\$371,215	\$532,703	\$384,745	\$107,085	\$344	\$0	\$0	\$0	\$0	\$0	\$0	\$29,916	\$1,426,008
NET NATURAL GAS STORAGE	\$2,134,985	\$7,198,529	\$5,521,234	\$2,966,520	(\$1,483,178)	(\$5,281,292)	(\$4,602,248)	(\$4,856,800)	(\$4,882,074)	(\$6,758,793)	(\$5,930,285)	\$188,869	(\$15,784,532)
LNG TO STORAGE	(\$1,039,044)	(\$919,363)	(\$851,037)	(\$1,220,079)	(\$701,327)	(\$291,916)	(\$9,671)	\$0	\$0	(\$5,019)	(\$483,240)	(\$1,174,683)	(\$6,695,379)
FROM LNG PGW	\$988,533	\$1,189,856	\$912,942	\$296,231	\$288,994	\$299,016	\$289,348	\$298,991	\$298,991	\$289,347	\$299,378	\$291,801	\$5,743,427
FT FROM LNG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
NET LNG STORAGE	(\$50,511)	\$270,493	\$61,905	(\$923,848)	(\$412,334)	\$7,100	\$279,676	\$298,991	\$298,991	\$284,328	(\$183,862)	(\$882,882)	(\$951,952)
LNG SALES FROM LNG TANK	\$11,766	\$11,927	\$10,941	\$12,270	\$12,032	\$12,470	\$12,070	\$12,472	\$12,472	\$12,070	\$12,472	\$12,112	\$145,076
SENDOUT VOLUMES (MCF)	4,247	4,247	3,836	4,247	4,110	4,247	4,110	4,247	4,247	4,110	4,247	4,110	50,000
@ AVG LNG COMMODITY RATE	\$2.7706	\$2.8087	\$2.8526	\$2.8895	\$2.9279	\$2.9365	\$2.9370	\$2.9370	\$2.9370	\$2.9370	\$2.9370	\$2.9473	
NET NATURAL GAS EXPENSE	\$25,836,346	\$27,618,275	\$24,607,582	\$21,322,160	\$13,531,505	\$9,772,140	\$8,087,682	\$8,199,780	\$8,199,322	\$7,310,377	\$10,726,327	\$17,219,794	\$182,431,290
APPLICABLE GCR EXPENSE													
NET NATURAL GAS EXPENSE	\$25,836,346	\$27,618,275	\$24,607,582	\$21,322,160	\$13,531,505	\$9,772,140	\$8,087,682	\$8,199,780	\$8,199,322	\$7,310,377	\$10,726,327	\$17,219,794	\$182,431,290
PURCHASED ELECTRIC & MISC	\$52,772	\$71,266	\$58,945	\$54,159	\$48,970	\$36,802	\$47,790	\$29,785	\$40,067	\$30,071	\$37,673	\$47,196	\$555,496
PLANALYTICS	\$0	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$125,000
TOTAL APPLICABLE EXPENSES	\$25,889,119	\$27,814,542	\$24,666,527	\$21,376,319	\$13,580,475	\$9,808,942	\$8,135,472	\$8,229,565	\$8,239,388	\$7,340,448	\$10,764,000	\$17,266,990	\$183,111,786
TOTAL GCR FIRM SALES	5,060,465	9,321,222	7,806,181	5,979,972	4,084,441	1,858,606	1,092,497	965,650	890,432	861,597	1,224,176	2,732,219	41,877,458

INTERRUPTIBLE REVENUE CREDIT
December 1, 2020

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	Estimated \$ 4,098	\$ 1,995	
Act/Est IRC Credit September 2020 to November 2020	<u>\$ 7,951</u>		
Act/Est Margin September 2020 to November 2020		<u>\$ 3,780</u>	<u>\$ 3,780</u>

FY 2020 Reconciliation Plus Act/Est Margin September 2020 to November 2020 \$ (85,762)

FY 2020 Reconciliation Plus Act/Est Margin September 2020 to November 2020	\$ (85,762)
Act/Est IRC Credit September 2020 to November 2020	<u>\$ 7,951</u>
Reconciliation as of November 30, 2020	\$ (77,811)
Margin - December 2020 through November 2021	<u>\$ 24,272</u> Schedule 4(b)
December 1, 2020 Interruptible Revenue Credit	\$ (53,539)

GCR Firm Sales **41,877,458** Schedule 2

December 1, 2020 IRC/Mcf \$ (0.0013)

INTERRUPTIBLE REVENUE MARGIN
December 1, 2020

<u>MONTH</u>		<u>MARGIN</u>
December-20	Estimated	\$ 2,062
January-21	Estimated	\$ 2,062
February	Estimated	\$ 1,862
March	Estimated	\$ 2,062
April	Estimated	\$ 1,995
May	Estimated	\$ 2,062
June	Estimated	\$ 1,995
July	Estimated	\$ 2,062
August	Estimated	\$ 2,061
September	Estimated	\$ 1,995
October	Estimated	\$ 2,061
November	Estimated	\$ 1,995
Total		\$ <u>24,272</u>

**INTERRUPTIBLE REVENUE CREDIT
FINALIZED RECONCILIATION FY 2020**

Fiscal Year 2019 Reconciliation (8/31/19) \$ (248,944)

<u>MONTH</u>	<u>IRC CREDIT</u>	<u>MARGIN</u>
September-19	Actual \$ (3,621)	\$ 950
October	Actual \$ (3,963)	\$ 991
November	Actual \$ (11,568)	\$ 6,559
December	Actual \$ 9,580	\$ 1,068
January-20	Actual \$ 48,100	\$ 1,654
February	Actual \$ 44,240	\$ 1,292
March	Actual \$ 23,777	\$ 6,372
April	Actual \$ 11,223	\$ 853
May	Actual \$ 8,069	\$ 315
June	Actual \$ 3,336	\$ 4,416
July	Actual \$ 1,983	\$ 1,194
August	Actual \$ 1,859	\$ 722
Actual IRC Credit September 2019 to August 2020	<u>\$ 133,015</u>	
Actual Margin September 2019 to August 2020		<u>\$ 26,387</u> \$ 26,387
FY 2019 Reconciliation Plus Actual Margin September 2019 to August 2020		<u>\$ (222,557)</u>

FY 2019 Reconciliation Plus Actual Margin September 2019 to August 2020	\$ (222,557)
Actual IRC Credit September 2019 to August 2020	<u>\$ 133,015</u>
Reconciliation as of August 31, 2020	\$ (89,542)

**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	13,965,896	1,505,770	4.75%	11/12	65,564	531	66,095
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	174,581,740	14,110,658			736,535	660,566	1,397,101

(1) See Schedule 4(b)

(2) See Schedule 5(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	1,505,770	(976,943)	2,482,713	4.75%	11/12	(42,538)	108,101	65,564	531	66,095
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	14,110,658	(169,474)	14,280,133			153,804	582,730	736,535	660,566	1,397,101

**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	Actual												FY2020 Total
	Sep-2019 Actual	Oct-2019 Actual	Nov-2019 Actual	Dec-2019 Actual	Jan-2020 Actual	Feb-2020 Actual	Mar-2020 Actual	Apr-2020 Actual	May-2020 Actual	Jun-2020 Actual	Jul-2020 Actual	Aug-2020 Actual	
GCR Firm Sales	944,022	1,100,259	3,212,670	6,174,658	7,181,471	6,615,343	4,876,760	3,503,991	2,513,054	1,210,783	859,773	808,104	39,000,888
GCR Revenue Billed	\$ 4,228,589	\$ 5,066,955	\$ 14,791,249	\$ 28,804,748	\$ 33,867,325	\$ 31,149,694	\$ 20,698,926	\$ 13,680,885	\$ 9,836,103	\$ 4,556,636	\$ 3,114,149	\$ 2,919,876	\$ 172,715,133
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	\$ 13,898,910	\$ 10,058,189	\$ 4,778,075	\$ 3,290,811	\$ 3,100,880	\$ 175,364,357
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

**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	13,680,885	100.5%	13,747,871	218,025	0	13,965,896	9,649	1,515,419	22,798,708
MAY	9,209,682	9,836,103	100.5%	9,884,264	222,086	0	10,106,350	0	896,668	23,695,376
JUNE	7,381,387	4,556,636	99.9%	4,554,210	221,439	0	4,775,649	7,260,413	4,654,676	28,350,052
JULY	6,871,143	3,114,149	99.4%	3,094,235	176,662	0	3,270,897	9,505,503	5,905,257	34,255,309
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>	29,544,435
Total	160,471,082	172,715,133		171,932,517	2,537,992	111,231	174,581,740	15,433,777	29,544,435	

**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	3,503,991	3,503,991	\$ 13,680,885	-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	\$ (822,993)

**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	13,680,885	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	172,715,133		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	5,079,735	(976,943)	13,833,553
MAY	5,913,910	3,643,174	(2,270,736)	11,562,817
JUNE	5,287,181	1,702,724	(3,584,457)	7,978,360
JULY	5,396,601	1,171,785	(4,224,816)	3,753,544
AUGUST	<u>5,024,383</u>	<u>1,101,364</u>	<u>(3,923,019)</u>	(169,474)
TOTALS	71,406,633	71,237,158	(169,474)	

**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
	SSC in Effect	\$ 3.5893	\$ 3.8875	\$ 4.1857	\$ 4.3344
GAC in Effect	\$ 0.0208	\$ (0.3780)	\$ (0.7767)	\$ (0.7063)	\$ (0.6359)
IRC in Effect	\$ 0.0023	\$ 0.0020	\$ 0.0017	\$ 0.0015	\$ 0.0013
Total Effective	\$ 3.6124	\$ 3.5116	\$ 3.4107	\$ 3.6296	\$ 3.8484
Percentage of Total					
C-Factor	99.4%	110.7%	122.7%	119.4%	116.5%
E-Factor	0.6%	-10.8%	-22.8%	-19.5%	-16.5%
IRC-Factor	0.1%	0.1%	0.0%	0.0%	0.0%
Total	100%	100%	100%	100%	100%

C-Factor					
Demand Charge in Effect	\$ 1.3629	\$ 1.2704	\$ 1.1779	\$ 1.4366	\$ 1.6954
Commodity in Effect	\$ 2.2264	\$ 2.6171	\$ 3.0078	\$ 2.8977	\$ 2.7876
	\$ 3.5893	\$ 3.8875	\$ 4.1857	\$ 4.3343	\$ 4.4830
Percentage of Total					
Demand Charge in Effect	38.0%	32.7%	28.1%	33.1%	37.8%
Commodity in Effect	62.0%	67.3%	71.9%	66.9%	62.2%
	100%	100%	100%	100%	100%

	C-Factor Over/(Under)	E-Factor Over/(Under)	Interest Over/(Under)	FY 2020 Final E-Factor
Fiscal Year 2020 E-Factor	\$ 29,544,435	\$ (822,993)	\$ 1,397,101	\$ 30,118,543

Actual	Sep-2020	Oct-2020
	Actual	Actual
Fiscal Year 2020-2021		
GCR Firm Sales	944,050	1,163,957
GCR Revenue Billed	\$ 3,289,245	\$ 3,973,305
Migration Rider Revenue Billed	\$ -	\$ -
Load Balancing Billed	\$ 184,574	\$ 202,086
LNG Sales Demand Charge Credit	\$ -	\$ -
Total Revenue Billed	\$ 3,473,819	\$ 4,175,391
Natural Gas Refunds	\$ -	\$ 2,460
Demand Charges	\$ 5,525,459	\$ 5,843,888
Supply Charges	\$ 1,720,479	\$ 2,271,896
Net Cost of Fuel	\$ 7,245,938	\$ 8,115,784

**FISCAL YEAR 2021
PHILADELPHIA GAS WORKS
C-FACTOR RECONCILIATION**

MONTH	NET COST OF FUEL	TOTAL GCR REVENUE BILLED	C FACTOR % of GCR	C FACTOR REVENUE BILLED	LOAD BALANCING REVENUE	LNG SALES GCR BILLED REVENUE	TOTAL C FACTOR REVENUE BILLED	NATURAL GAS REFUNDS	OVER/ (UNDER) RECOVERY	CUMULATIVE OVER/(UNDER)
	1	2	3	4 = (2 * 3)	5	6	7 = (4 + 5 + 6)	8	9 = (7 + 8 - 1)	10
	(\$)	(\$)		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 2020	7,245,938	3,289,245	110.7%	3,641,395	184,574	0	3,825,969	0	(3,419,969)	(3,419,969)
OCTOBER	8,115,784	3,973,305	122.7%	4,876,143	202,086	0	5,078,229	2,460	(3,035,095)	(6,455,063)

**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							\$ 30,118,543
MONTH							
SEPTEMBER 2020	Actual	944,050	944,050	\$ 3,289,245	-10.8%	\$ (354,023)	\$ 29,764,520
OCTOBER	Actual	1,163,957	1,163,957	\$ 3,973,305	-22.8%	\$ (904,819)	\$ 28,859,701
NOVEMBER	Actual	2,410,428	2,410,428	\$ 8,221,248	-22.8%	\$ (1,872,180)	\$ 26,987,521
DECEMBER	Estimated	5,060,465	5,060,465	\$ 18,367,210		\$ (3,685,142)	
JANUARY 2021	Estimated	9,321,222	9,321,222	\$ 35,871,791		\$ (6,787,920)	
FEBRUARY	Estimated	7,806,181	7,806,181	\$ 30,041,306		\$ (5,684,633)	
MARCH	Estimated	5,979,972	5,979,972	\$ 23,013,326		\$ (4,354,748)	
APRIL	Estimated	4,084,441	4,084,441	\$ 15,718,562		\$ (2,974,380)	
MAY	Estimated	1,858,606	1,858,606	\$ 7,152,661		\$ (1,353,478)	
JUNE	Estimated	1,092,497	1,092,497	\$ 4,204,364		\$ (795,580)	
JULY	Estimated	965,650	965,650	\$ 3,716,208		\$ (703,208)	
AUGUST	Estimated	890,432	890,432	\$ 3,426,739		\$ (648,432)	
TOTAL		37,059,466	37,059,466	\$ 141,512,167		(26,987,521)	
DECEMBER 1, 2020 E-FACTOR							-0.7282

**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	3,289,245	0.06%	1,873
OCTOBER	3,973,305	0.05%	1,980

**FISCAL YEAR 2021
PHILADELPHIA GAS WORKS
RECONCILIATION OF DEMAND CHARGES**

MONTH	DEMAND CHARGES	DEMAND	MONTHLY	CUMULATIVE
	LESS LOAD BALANCING CHARGE REVENUE	REVENUE BILLED	DEMAND OVER/(UNDER)	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)

CALCULATION OF RECOVERED CHARGES
1st Qtr Filing
December 1, 2020

	<u>50% December</u>	<u>11.5 Months</u>	<u>Total</u>
			(MCF) (\$)
S - Firm Sales (Mcf)	2,530,232	39,347,225	41,877,458
C-Factor	<u>\$ 4.1857</u>	<u>\$ 4.4830</u>	
Projected Recovery	10,590,794	176,393,611	\$ 186,984,405
S - Firm Sales (Mcf)	2,530,232	39,347,225	41,877,458
IRC-Factor	<u>\$ 0.0017</u>	<u>\$ 0.0013</u>	
Projected Recovery	4,301	51,151	\$ 55,453
E-Factor Volumes (Mcf)	2,530,232	39,347,225	41,877,458
E-Factor	<u>\$ (0.7767)</u>	<u>\$ (0.6359)</u>	
Projected Recovery	(1,965,232)	(25,020,901)	\$ (26,986,132)
GCR (\$ / Mcf)	\$ 3.4107	\$ 3.8484	
GCR Projected Recovery			\$ 160,053,726
Load Balancing Revenue			\$ 2,496,681
LNG Sales Demand Revenue			<u>\$ 85,595</u>
TOTAL PROJECTED RECOVERY			\$ 162,636,002

**Change In Rates
1st Quarter Filing
Rates Effective December 1, 2020**

Current Rates

	<u>09/01/20</u> <u>Distribution Charge</u> (1)	<u>09/01/20</u> <u>GCR</u> (2)	<u>09/01/20</u> <u>MFC</u> (3)	<u>09/01/20</u> <u>GPC</u> (4)	<u>09/01/20</u> <u>Commodity</u> <u>Rate</u> (5)=(1)+(2)+(3)+(4)
Residential GS	\$8.7127	\$3.4107	\$0.1282	\$0.0400	\$12.2916
Commercial GS	\$6.8264	\$3.4107	\$0.0211	\$0.0400	\$10.2982
Industrial GS	\$6.7222	\$3.4107	\$0.0133	\$0.0400	\$10.1862
Phila.Housing Authority (PHA)	\$6.9776	\$3.4107	\$0.0000	\$0.0400	\$10.4283
Municipal (MS)	\$6.2584	\$3.4107	\$0.0000	\$0.0400	\$9.7091
Phila.Housing Authority (GS)	\$7.7265	\$3.4107	\$0.0000	\$0.0400	\$11.1772

December 1, 2020 - 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	\$6.6967	\$0.3473	\$0.0215	\$1.9266	(\$0.0009)	\$2.2945	\$8.9912
Commercial GS	\$4.8651	\$0.3473	\$0.0277	\$1.9266	(\$0.0009)	\$2.3007	\$7.1658
Industrial GS	\$4.7698	\$0.3473	(\$0.0294)	\$1.9266	(\$0.0009)	\$2.2436	\$7.0134
Phila.Housing Authority (PHA)	\$5.0163	\$0.3473	\$0.0277	\$1.9266	(\$0.0009)	\$2.3007	\$7.3170
Municipal (MS)	\$4.2723	\$0.3473	\$0.0000	\$1.9266	(\$0.0009)	\$2.2730	\$6.5453
Phila.Housing Authority (GS)	\$5.7105	\$0.3473	\$0.0215	\$1.9266	(\$0.0009)	\$2.2945	\$8.0050

Proposed Rates

	<u>12/01/20</u> <u>Distribution Charge</u> (12)	<u>12/01/20</u> <u>GCR</u> (13)	<u>12/01/20</u> <u>MFC</u> (14)	<u>12/01/20</u> <u>GPC</u> (15)	<u>12/01/20</u> <u>Commodity</u> <u>Rate</u> (16)=(12)+(13)+(14)+(15)	<u>Difference</u> (17)=(16)-(5)
Residential GS	\$8.9912	\$3.8484	\$0.1447	\$0.0400	\$13.0243	\$0.7327
Commercial GS	\$7.1658	\$3.8484	\$0.0239	\$0.0400	\$11.0781	\$0.7799
Industrial GS	\$7.0134	\$3.8484	\$0.0150	\$0.0400	\$10.9168	\$0.7306
Phila.Housing Authority (PHA)	\$7.3170	\$3.8484	\$0.0000	\$0.0400	\$11.2054	\$0.7771
Municipal (MS)	\$6.5453	\$3.8484	\$0.0000	\$0.0400	\$10.4337	\$0.7246
Phila.Housing Authority (GS)	\$8.0050	\$3.8484	\$0.0000	\$0.0400	\$11.8934	\$0.7162

PHILADELPHIA GAS WORKS
DECEMBER 1,2020
UNIVERSAL SERVICE & ENERGY CONSERVATION SURCHARGE

	Expenses in the Surcharge
Enhanced Low Income Retrofit Program (ELIRP)	\$ 9,638,265
Customer Responsibility Program (CRP)	\$ 76,825,379
Senior Citizen Discount *	\$ 1,976,555
<u>November 2020 Under Collection</u>	<u>\$ 5,625,464</u>
Total \$ to be Recovered	\$ 94,065,663
 Total Applicable Volumes	 Mcf 48,823,590
 Universal Service & Energy Conservation Surcharge	 <u>\$ 1.9266</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 \$2,273,700.

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

Month		USC Applicable Volumes	USC Charge	USC Revenue Billed	USC Expenses	Monthly Over/(Under) Recovery	Cumulative Over/(Under) Recovery
FY 20 Reconciliation							(\$9,447,959)
September 2020	Actual	1,133,164	\$ 1,4085	\$ 1,596,062	\$ (592,982)	\$ 2,189,044	(\$7,258,916)
October	Actual	1,401,507	\$ 1,6397	\$ 2,298,051	\$ 1,362,442	\$ 935,609	(\$6,323,307)
November	Estimated	2,885,872	\$ 1,6397	\$ 4,731,965	\$ 4,034,122	\$ 697,843	(\$5,625,464)

USC Expenses	Sep-20	Oct-20	Nov-20
ELIRP Expense	\$ 1,661	\$ 694,650	\$ 823,214
ELIRP Labor	\$ 8,143	\$ 8,815	\$ 11,904
Concervation Incentive Credit	\$ -	\$ -	\$ -
CRP Discount	\$ (1,656,782)	\$ (430,516)	\$ 1,768,710
CRP Forgiveness	\$ 989,799	\$ 998,895	\$ 1,296,498
Senior Citizen Discount	\$ 64,197	\$ 90,598	\$ 133,796
Bad Debt Expense Offset*	\$ -	\$ -	\$ -
Total	\$ (592,982)	\$ 1,362,442	\$ 4,034,122

CRP Participation		
Rate Case Participation Rate	60,000	60,000
Actual Participation Rate*	55,748	55,925
CRP Under/(Over) Participation	4,252	4,075
Average Shortfall Per CRP Participant		
CRP Discount	\$ (1,656,782)	\$ (430,516)
Actual Participation Rate	55,748	55,925
Average Shortfall per CRP Participant	\$ (30)	\$ (8)
Shortfall*	\$ -	\$ -
Bad Debt Expense Offset* 7.5%	\$ -	\$ -

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

**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	4,026,854	\$ 1,1711	\$ 4,715,849	\$ 4,851,043	\$ (135,194)	(\$14,589,019)
May	Actual	2,857,151	\$ 1,1711	\$ 3,346,010	\$ 2,059,642	\$ 1,286,367	(\$13,302,652)
June	Actual	1,405,930	\$ 1,1742	\$ 1,650,858	\$ (600,645)	\$ 2,251,503	(\$11,051,149)
July	Actual	1,028,875	\$ 1,1773	\$ 1,211,316	\$ (1,528,632)	\$ 2,739,948	(\$8,311,202)
August	Actual	949,950	\$ 1,1773	\$ 1,118,396	\$ 2,255,154	\$ (1,136,758)	(\$9,447,959)

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

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

EFFICIENCY COST RECOVERY (ECR) SURCHARGE
DECEMBER 1, 2020

<u>Program</u>	<u>Residential & PHA GS</u>	<u>Commercial & PHA</u>	<u>Industrial</u>	<u>Total</u>
Residential Heating Equipment Rebate (RHER)				
Program Expense	\$553,640	\$20,903	\$598	\$575,142
Labor Expense	\$58,379	\$2,204	\$63	\$60,647
Commercial & Industrial Retrofit Incentive (CIRI)				
Program Expense	\$14,573	\$169,876	\$0	\$184,449
Labor Expense	\$1,402	\$16,346	\$0	\$17,748
Commercial & Industrial Equipment Rebate (CIER)				
Program Expense	\$36,587	\$244,688	\$3,620	\$284,894
Labor Expense	\$3,690	\$24,676	\$365	\$28,731
High-Efficiency Construction Incentive (HECI)				
Program Expense	\$156,881	\$0	\$0	\$156,881
Labor Expense	\$15,358	\$0	\$0	\$15,358
EnergySense Smart Thermostat (TSTAT)				
Program Expense	\$183,556	\$6,930	\$0	\$190,486
Labor Expense	<u>\$17,976</u>	<u>\$679</u>	<u>\$0</u>	<u>\$18,655</u>
Total Expense	\$1,042,042	\$486,302	\$4,647	\$1,532,991
Prior Period Reconciliation (11/30/20)	<u>\$ (274,348)</u>	<u>\$ (170,649)</u>	<u>\$ (30,740)</u>	<u>\$ (475,737)</u>
Total	\$767,694	\$315,653	-\$26,094	\$1,057,253
Volumes - Mcf (GCR Firm & Firm Transportation)	35,703,442	11,378,139	888,736	

Efficiency Cost Recovery Surcharge / Mcf	\$0.0215	\$0.0277	(\$0.0294)
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**EFFICIENCY COST RECOVERY (ECR) SURCHARGE
STATEMENT OF RECONCILIATION
FISCAL YEAR 2021**

		<u>Actual</u>	<u>Actual</u>	<u>Estimated</u>
		<u>Sep-20</u>	<u>Oct-20</u>	<u>Nov-20</u>
<u>RESIDENTIAL & PHA GS</u>				
FY 2020 Over-Collection	\$ 335,810			
Volume Billed		729,359	917,832	1,953,890
ECR Surcharge		\$ 0.0257	\$ 0.0299	\$ 0.0299
Revenue Billed		\$ 18,708	\$ 27,443	\$ 58,421
RHER	Expense	\$ 638	\$ 58,390	\$ 43,057
RHER	Labor	\$ 3,131	\$ 3,389	\$ 4,577
HECI	Expense	\$ 183	\$ 3,945	\$ 13,591
HECI	Labor	\$ 895	\$ 969	\$ 1,309
CIRI	Expense	\$ 22	\$ 452	\$ 1,619
CIRI	Labor	\$ 107	\$ 115	\$ 156
CIER	Expense	\$ 41	\$ 1,997	\$ 2,975
CIER	Labor	\$ 203	\$ 220	\$ 297
TSTAT	Expense	\$ 209	\$ 4,348	\$ 15,566
TSTAT	Labor	\$ 1,025	\$ 1,109	\$ 1,498
Total		\$ 6,454	\$ 74,935	\$ 84,645
Monthly Over/(Under)		\$ 12,254	\$ (47,492)	\$ (26,224)
Cumulative Over/(Under)		\$ 348,064	\$ 300,572	\$ 274,348
<u>COMMERCIAL & PHA</u>				
FY 2020 Over-Collection	\$ 281,639			
Volume Billed		366,166	438,219	816,843
ECR Surcharge		\$ (0.0206)	\$ (0.0248)	\$ (0.0248)
Revenue Billed		\$ (7,543)	\$ (10,868)	\$ (20,258)
RHER	Expense	\$ 24	\$ 2,205	\$ 1,626
RHER	Labor	\$ 118	\$ 128	\$ 173
CIRI	Expense	\$ 253	\$ 5,272	\$ 18,875
CIRI	Labor	\$ 1,242	\$ 1,345	\$ 1,816
CIER	Expense	\$ 277	\$ 13,357	\$ 19,895
CIER	Labor	\$ 1,359	\$ 1,472	\$ 1,987
TSTAT	Expense	\$ 8	\$ 164	\$ 588
TSTAT	Labor	\$ 39	\$ 42	\$ 57
Total		\$ 3,321	\$ 23,984	\$ 45,017
Monthly Over/(Under)		\$ (10,864)	\$ (34,852)	\$ (65,274)
Cumulative Over/(Under)		\$ 270,775	\$ 235,923	\$ 170,649
<u>INDUSTRIAL</u>				
FY 2020 Over-Collection	\$ 35,745			
Volume Billed		31,008	38,199	71,131
ECR Surcharge		\$ (0.0204)	\$ (0.0337)	\$ (0.0337)
Revenue Billed		\$ (631)	\$ (1,287)	\$ (2,397)
RHER	Expense	\$ 1	\$ 63	\$ 47
RHER	Labor	\$ 3	\$ 4	\$ 5
CIER	Expense	\$ 4	\$ 198	\$ 294
CIER	Labor	\$ 20	\$ 22	\$ 29
Total		\$ 28	\$ 286	\$ 375
Monthly Over/(Under)		\$ (659)	\$ (1,573)	\$ (2,772)
Cumulative Over/(Under)		\$ 35,086	\$ 33,513	\$ 30,740

**EFFICIENCY COST RECOVERY (ECR) SURCHARGE
STATEMENT OF RECONCILIATION
FISCAL YEAR 2020**

		Actual Sep-19	Actual Oct-19	Actual Nov-19	Actual Dec-19	Actual Jan-20	Actual Feb-20	Actual Mar-20	Actual Apr-20	Actual May-20	Actual Jun-20	Actual Jul-20	Actual Aug-20	Total FY2020
RESIDENTIAL & PHA GS														
FY 2019 Over-Collection	\$	600,385												
Volume Billed		673,192	841,321	2,645,792	5,232,100	6,155,599	5,681,716	4,179,288	3,076,441	2,223,751	1,021,558	695,140	612,727	33,038,626
ECR Surcharge	\$	0.0110	0.0166	0.0166	0.0094	0.0021	0.0021	0.0028	0.0035	0.0035	0.0125	0.0214	0.0214	
Revenue Billed	\$	7,371	13,966	43,920	48,920	12,927	11,932	11,702	10,768	7,783	12,718	14,876	13,112	209,995
RHER	Expense	81,353	25,311	76,763	51,711	51,777	79,015	48,281	23,570	89,896	25,599	35,813	70,988	660,075
RHER	Labor	(1,539)	1,097	1,157	1,571	1,679	1,438	1,558	1,552	2,937	1,434	1,795	815	15,496
HECI	Expense	(78,991)	2,137	(2,165)	2,404	3,299	35,946	9,039	262	4,545	4,639	18,527	(78,669)	(79,026)
HECI	Labor	(2,516)	222	(463)	317	339	529	572	570	(570)	526	659	(2,959)	(2,774)
CRR1	Expense	-	-	-	-	-	-	-	-	-	-	-	-	-
CRR1	Labor	-	-	-	-	-	-	-	-	-	-	-	-	-
CIRI	Expense	(126,730)	3,504	(1,914)	2,079	2,493	(6,292)	6,354	324	(2,602)	4,152	4,100	(7,848)	(122,379)
CIRI	Labor	(1,406)	234	(451)	335	358	(750)	708	705	(1,285)	651	815	(1,455)	(1,541)
CIER	Expense	(9,535)	53	(53)	55	24	16,754	813	63	(631)	6,422	7,595	(17,111)	4,448
CIER	Labor	(167)	3	(6)	4	4	477	138	137	(214)	127	159	(389)	272
Total	\$	(139,531)	32,560	72,867	58,478	59,975	127,117	67,462	27,183	92,076	43,551	69,462	(36,628)	474,570
Monthly Over/(Under)	\$	146,903	(18,594)	(28,947)	(9,558)	(47,048)	(115,185)	(55,760)	(16,415)	(84,293)	(30,833)	(54,586)	49,741	
Cumulative Over/(Under)	\$	747,287	728,693	699,747	690,189	643,141	527,956	472,196	455,781	371,488	340,656	286,069	335,810	
COMMERCIAL & PHA														
FY 2019 Over-Collection	\$	356,338												
Volume Billed		423,048	466,216	963,448	1,577,726	1,720,841	1,566,059	1,197,408	829,580	550,811	342,409	302,387	301,578	10,241,509
ECR Surcharge	\$	0.0597	0.0552	0.0552	0.0399	0.0245	0.0245	0.0241	0.0236	0.0236	0.0036	(0.0164)	(0.0164)	
Revenue Billed	\$	25,256	25,735	53,182	62,872	42,161	38,368	28,798	19,578	12,999	1,233	(4,959)	(4,946)	300,277
RHER	Expense	6,942	958	13	1,958	1,961	6,590	1,828	892	4,092	969	1,356	9,749	37,309
RHER	Labor	78	42	(56)	59	64	175	59	59	135	54	68	254	990
CRR1	Expense	-	-	-	-	-	-	-	-	-	-	-	-	-
CRR1	Labor	-	-	-	-	-	-	-	-	-	-	-	-	-
CIRI	Expense	31,849	5,820	(3,225)	3,454	4,142	(3,113)	1,589	81	(2,192)	1,038	1,025	(1,392)	39,076
CIRI	Labor	(3)	389	(751)	557	595	(1,033)	177	176	(352)	163	204	(348)	(227)
CIER	Expense	(237,368)	9,789	2,925	10,232	4,402	(13,956)	3,612	280	(660)	28,542	33,756	99,830	(58,617)
CIER	Labor	(2,500)	525	(695)	751	803	(1,602)	612	609	(1,082)	563	705	3,857	2,545
HECI	Expense	256,197	1,746	(1,267)	1,965	2,696	(5,245)	-	-	75	-	-	89,389	345,557
HECI	Labor	5,726	181	(378)	259	277	(551)	-	-	-	-	-	2,828	8,343
Total	\$	60,920	19,450	(3,434)	19,236	14,940	(18,736)	7,876	2,098	16	31,329	37,113	204,167	374,976
Monthly Over/(Under)	\$	(35,664)	6,285	56,616	43,637	27,221	57,104	20,921	17,480	12,983	(30,097)	(42,072)	(209,113)	
Cumulative Over/(Under)	\$	320,674	326,959	383,576	427,212	454,433	511,537	532,459	549,939	562,922	532,825	490,753	281,639	
INDUSTRIAL														
FY 2019 Over-Collection	\$	49,225												
Volume Billed		30,519	37,952	67,847	113,159	128,501	105,535	79,580	55,956	39,362	30,983	24,117	26,794	740,305
ECR Surcharge	\$	(0.0225)	(0.0150)	(0.0150)	(0.0231)	(0.0312)	(0.0312)	(0.0202)	(0.0091)	(0.0091)	(0.0081)	(0.0070)	(0.0070)	
Revenue Billed	\$	(685)	(569)	(1,018)	(2,614)	(4,009)	(3,293)	(1,604)	(509)	(358)	(249)	(169)	(188)	(15,265)
RHER	Expense	(1,724)	31	(32)	64	64	(129)	60	29	(88)	32	44	(76)	(1,724)
RHER	Labor	(59)	1	(3)	2	2	(4)	2	2	(4)	2	2	(4)	(61)
CIRI	Expense	-	-	-	-	-	-	-	-	-	-	-	-	-
CIRI	Labor	-	-	-	-	-	-	-	-	-	-	-	-	-
CIER	Expense	2	202	(204)	211	91	(307)	90	7	(93)	714	844	(1,557)	0
CIER	Labor	13	11	(24)	16	17	(32)	15	15	(31)	14	18	(32)	0
Total	\$	(1,769)	246	(262)	293	174	(472)	167	53	(215)	761	908	(1,669)	(1,785)
Monthly Over/(Under)	\$	1,083	(815)	(756)	(2,907)	(4,183)	(2,821)	(1,771)	(563)	(143)	(1,011)	(1,077)	1,482	
Cumulative Over/(Under)	\$	50,309	49,494	48,738	45,831	41,648	38,827	37,057	36,494	36,351	35,341	34,264	35,745	

**PHILADELPHIA GAS WORKS
LOAD BALANCING CHARGE
December 1, 2020**

Storage and Peaking Asset Cost		\$	16,532,071
WSS Volumes MDQ	17,557.5		
Daily Demand Charge	\$0.45902	\$	2,941,624
Total Charges			
Total Storage Charges			19,473,695
Design Day Requirements (Mcf)			698,361
Fulfilled from FT Capacity (Mcf)			(297,287)
WSS Storage Withdrawal Volumes MCF			<u>35,115</u>
Fulfilled from Storage and Peaking Assets (Excess Mcf)			436,189
<hr/>			
Annual Storage and Peaking Cost per Excess Mcf		\$	44.6451
Per Mcf Over / (Under) Adjustment		\$	<u>0.4394</u>
Load Balancing Charge		\$	44.2057

Over / (Under) Recovery	\$	286,280
Interest	\$	<u>11,533</u>
Total Over/(Under) Recovery	\$	297,813
Forecasted SSPC Volumes		677,744
Per Mcf Over / (Under) Adjustment	\$	0.4394

Projected Unaccounted For Factor And Retainage Rate
December 1, 2020

<u>Fiscal Year</u>	<u>Firm Sendout</u> <u>(Mcf)</u>	<u>Accounted For Gas</u> <u>(Mcf)</u>	<u>Unaccounted For</u> <u>(Mcf)</u>	<u>3 Year</u> <u>Average</u>
2017-18	51,127,087	49,688,830	1,438,257	
2018-19	50,736,512	49,455,116	1,281,396	
2019-20	<u>46,326,543</u>	<u>45,194,894</u>	<u>1,131,649</u>	
Total	148,190,142	144,338,841	3,851,301	2.6%

Natural Gas Prices Used for PGW's - FY 2020-2021 - 1st Quarter GCR Filing

Basis Differentials

	TRANSCO					TETCO						NYMEX Futures 11/01/20 Close	TRANSCO				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
	Nov-20													2.579	2.92	2.94	2.91	2.93	1.99	2.85	2.87	2.93
Dec-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.942	2.83	2.80	2.92	2.93	3.01	2.88	2.86	2.81	2.84	2.84
Jan-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	3.084	2.97	2.94	3.06	3.07	3.15	3.02	3.00	2.95	2.98	2.98
Feb-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	3.058	2.95	2.92	3.04	3.05	3.13	3.00	2.98	2.93	2.96	2.96
Mar-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.977	2.87	2.84	2.96	2.97	3.05	2.92	2.90	2.85	2.88	2.88
Apr-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.844	2.73	2.70	2.82	2.83	2.91	2.78	2.76	2.71	2.74	2.74
May-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.825	2.72	2.69	2.81	2.82	2.90	2.77	2.75	2.70	2.73	2.73
Jun-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.866	2.76	2.73	2.85	2.86	2.94	2.81	2.79	2.74	2.77	2.77
Jul-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.916	2.81	2.78	2.90	2.91	2.99	2.86	2.84	2.79	2.82	2.82
Aug-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.930	2.82	2.79	2.91	2.92	3.00	2.87	2.85	2.80	2.83	2.83
Sep-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.917	2.81	2.78	2.90	2.91	2.99	2.86	2.84	2.79	2.82	2.82
Oct-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.958	2.85	2.82	2.94	2.95	3.03	2.90	2.88	2.83	2.86	2.86
Nov-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	3.041	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>Jul-20</u>	<u>Aug-20</u>	<u>Sep-20</u>
Williams	\$ 2,850,110.26	\$ 2,859,222.78	\$ 2,779,095.95
Texas Eastern	\$ 2,644,102.39	\$ 2,309,415.15	\$ 2,696,385.74
Dominion	\$ 124,834.70	\$ 130,115.13	\$ 129,804.52
Equitrans	\$ -	\$ -	\$ -
Spot Purchases -Transco	\$ 10,929.63	\$ 7,422.96	\$ 24,696.27
Spot Purchases -Tetco	\$ -	\$ -	\$ -
Transco Supply2	\$ -	\$ -	\$ -
Transco Supply3	\$ -	\$ -	\$ -
Transco Supply6	\$ -	\$ -	\$ -
Transco Supply7	\$ 1,937.50	\$ 1,937.50	\$ 1,875.00
Transco Supply8	\$ -	\$ -	\$ -
Transco Supply10	\$ -	\$ -	\$ -
Transco Supply12	\$ -	\$ -	\$ -
Transco Supply14	\$ 203,050.00	\$ 258,850.00	\$ 180,000.00
Transco Supply17	\$ -	\$ -	\$ -
Transco Supply20	\$ -	\$ -	\$ -
Transco Supply21	\$ -	\$ -	\$ -
Transco Supply22	\$ -	\$ -	\$ -
Transco Supply23	\$ -	\$ -	\$ -
Transco Supply24	\$ -	\$ -	\$ -
Transco Supply25	\$ -	\$ -	\$ -
Transco Supply26	\$ -	\$ -	\$ -
Transco Supply27	\$ -	\$ -	\$ -
Transco Supply28	\$ -	\$ -	\$ -
Transco Supply29	\$ 143,762.50	\$ 182,822.50	\$ 127,575.00
Transco Supply30	\$ 473,401.00	\$ 473,401.00	\$ 762,580.00
Transco Supply31	\$ -	\$ -	\$ -
Transco Supply32	\$ -	\$ -	\$ -
Transco Supply33	\$ -	\$ -	\$ -
Transco Supply34	\$ 229,012.50	\$ 287,912.50	\$ 381,025.00
Transco Supply35	\$ -	\$ -	\$ -
Transco Supply36	\$ -	\$ -	\$ -
Transco Supply37	\$ 530,630.72	\$ 706,244.48	\$ 461,584.80
Tetco Supply1	\$ 444,214.71	\$ 692,905.52	\$ 550,789.27
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	\$ 167,694.36	\$ 177,785.01	\$ 139,808.79
Tetco Supply25	\$ -	\$ -	\$ -
Tetco Supply26	\$ 234,768.33	\$ 383,227.65	\$ 357,845.46
Tetco Supply27	\$ -	\$ -	\$ -
Tetco Supply28	\$ 333,876.86	\$ 354,051.66	\$ 278,195.52
Tetco Supply29	\$ -	\$ -	\$ -
Tetco Supply30	\$ -	\$ -	\$ -
Tetco Supply31	\$ -	\$ -	\$ -
Tetco Supply32	\$ -	\$ -	\$ -
Tetco Supply33	\$ -	\$ -	\$ -
Tetco Supply34	\$ 74,865.00	\$ 80,445.00	\$ 61,650.00
Tetco Supply35	\$ -	\$ -	\$ -
Tetco Supply36	\$ -	\$ -	\$ -
Total Costs	\$ 8,467,190	\$ 8,905,759	\$ 8,932,911
Sharing Mechanism	\$ 102,004	\$ 105,447	\$ 104,927
Asset Management Agreement	\$ -	\$ -	\$ -
Off System Sales	\$ -	\$ -	\$ -
Gas Transportation Purchases	\$ -	\$ -	\$ -
Adjustment/Reconciliation	\$ 15,565	\$ (74,420)	\$ 1
Total Natural Gas Billed	\$ 8,584,760	\$ 8,936,786	\$ 9,037,839

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

	<u>Actual</u>				<u>Projected 3rd Qtr Filing Jul-20</u>	<u>Projected 4th Qtr Filing Aug-20</u>	<u>Projected 4th Qtr Filing Sep-20</u>	<u>Total</u>	<u>Actual Over/Under vs Projected</u>			
	<u>Jul-20</u>	<u>Aug-20</u>	<u>Sep-20</u>	<u>Total</u>					<u>Jul-20</u>	<u>Aug-20</u>	<u>Sep-20</u>	<u>Total</u>
Total Natural Gas Billed	\$ 8,584,760	\$ 8,936,786	\$ 9,037,839	\$ 26,559,385	\$ 10,489,716	\$ 8,771,891	\$ 10,626,694	\$ 29,888,301	\$ (1,904,956)	\$ 164,895	\$ (1,588,855)	\$ (3,328,916)
Less Imbalance Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Less Interruptible Credit	\$ 1,570	\$ 1,564	\$ 2,014	\$ 5,148	\$ 7,556	\$ 3,627	\$ 16,266	\$ 27,448	\$ (5,986)	\$ (2,063)	\$ (14,252)	\$ (22,300)
Gas Used For Utility	\$ 8,785	\$ 14,094	\$ 14,929	\$ 37,808	\$ 18,207	\$ 17,465	\$ 18,668	\$ 54,340	\$ (9,422)	\$ (3,371)	\$ (3,739)	\$ (16,532)
	\$ 8,574,405	\$ 8,921,128	\$ 9,020,896	\$ 26,516,429	\$ 10,463,953	\$ 8,750,800	\$ 10,591,759	\$ 29,806,512	\$ (1,889,548)	\$ 170,328	\$ (1,570,863)	\$ (3,290,083)
<u>Pipeline Storages</u>												
(To)	\$ (1,900,094)	\$ (2,438,159)	\$ (1,910,765)	\$ (6,249,018)	\$ (3,210,391)	\$ (2,116,627)	\$ (3,901,760)	\$ (9,228,777)	\$ 1,310,297	\$ (321,532)	\$ 1,990,995	\$ 2,979,759
From	\$ (5,712)	\$ (270,644)	\$ (35,487)	\$ (311,843)	\$ -	\$ -	\$ 21,944	\$ 21,944	\$ (5,712)	\$ (270,644)	\$ (57,431)	\$ (333,787)
Net Pipeline Storages	\$ (1,905,806)	\$ (2,708,803)	\$ (1,946,252)	\$ (6,560,861)	\$ (3,210,391)	\$ (2,116,627)	\$ (3,879,816)	\$ (9,206,833)	\$ 1,304,585	\$ (592,176)	\$ 1,933,564	\$ 2,645,972
<u>LNG Storage</u>												
(To)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
From	\$ 180,025	\$ 177,042	\$ 175,525	\$ 532,592	\$ 233,660	\$ (448,041)	\$ (738,513)	\$ (952,895)	\$ (53,635)	\$ 625,083	\$ 914,038	\$ 1,485,487
Net LNG Storage	\$ 180,025	\$ 177,042	\$ 175,525	\$ 532,592	\$ 233,660	\$ (448,041)	\$ (738,513)	\$ (952,895)	\$ (53,635)	\$ 625,083	\$ 914,038	\$ 1,485,487
Net Natural Gas	\$ 6,848,624	\$ 6,389,367	\$ 7,250,169	\$ 20,488,160	\$ 7,487,222.57	\$ 6,186,132	\$ 5,973,430	\$ 19,646,785	\$ (638,599)	\$ 203,235	\$ 1,276,739	\$ 841,375
<u>APPLICABLE GCR EXPENSES</u>												
Net Natural Gas Expense	\$ 6,848,624	\$ 6,389,367	\$ 7,250,169	\$ 20,488,160	\$ 7,487,223	\$ 6,186,132	\$ 5,973,430	\$ 19,646,785	\$ (638,599)	\$ 203,235	\$ 1,276,739	\$ 841,375
Purchased Electric & Misc	\$ 22,519	\$ 60,746	\$ (4,231)	\$ 79,034	\$ 32,814	\$ 32,261	\$ 32,394	\$ 97,468	\$ (10,295)	\$ 28,485	\$ (36,625)	\$ (18,434)
Total GCR Expenses	\$ 6,871,143	\$ 6,450,113	\$ 7,245,938	\$ 20,567,194	\$ 7,520,036	\$ 6,218,393	\$ 6,005,824	\$ 19,744,253	\$ (648,893)	\$ 231,720	\$ 1,240,114	\$ 822,941