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February 28, 2019

**Via Hand Delivery**

Rosemary Chiavetta, Secretary  
PA Public Utility Commission  
P.O. Box 3265  
Harrisburg, PA 17105-3265

Re: Pa. PUC v. Philadelphia Gas Works (2<sup>th</sup> Quarter 2019-2020 GCR Filing)  
R-2019-3007636; and

Dear Secretary Chiavetta:

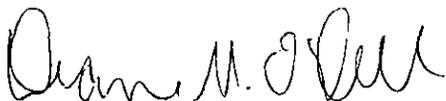
Enclosed please find the following tariff supplements and supporting schedules:

- 1) PGW Gas Service Tariff, Pa. P.U.C. No. 2 Supplement No. 129;
- 2) PGW Gas Supplier Tariff, Pa. P.U.C. No. 1, Supplement No. 86.

These supplements are being filed to implement PGW's 2st Quarter 2019-2020 Gas Cost Rate ("GCR") with the Commission's Order entered August 8, 2019 at Docket No. R-2019-3007636 approving PGW's 2019-2020 GCR. The tariff supplements are to become effective on March 1, 2019.

The tariff supplements and supporting schedules are also included in the attached CD.

Sincerely,



Deanne M. O'Dell  
DMO/lww  
Enclosure

cc: Cert. of Service w/enc.  
Raquel Guzman, PGW w/enc.  
Marissa Boyle w/enc. (maboyle@pa.gov)

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

**Supplement No. 129**

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**PHILADELPHIA GAS WORKS**  
**GAS SERVICE TARIFF**



Issued by: Craig White  
President and CEO

PHILADELPHIA GAS WORKS  
800 West Montgomery Avenue  
Philadelphia, PA 19122

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**List of Changes Made by this Tariff Supplement**

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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, 2020, decreases from \$0.00351 per Ccf to \$(0.00223) per Ccf.

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

In the definition of "IRC," the IRC value effective March 1, 2020 is \$(0.00032) per Ccf. In the definition of "SSC," the SSC value effective March 1, 2020, decreases from \$0.46757 per Ccf to \$0.39200 per Ccf.

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

The Gas Cost Rate (GCR) effective March 1, 2020 decreases from \$0.47175 per Ccf to \$0.39009 per Ccf.

**PRICE TO COMPARE (PAGE No. 78)**

The Prices to Compare effective March 1, 2020 are: a) \$0.40844 per Ccf for Residential (GS-RES); b) \$0.39377 per Ccf for Public Housing Customers (GS-PH); (c) \$0.39619 per Ccf for Commercial (GS-COM); (d) \$0.39529 per Ccf for Industrial (GS-IND); (e) \$0.39377 per Ccf for Municipal Service (MS); (f) \$0.39377 per Ccf for Philadelphia Housing Authority (PHA); and, (g) \$0.39377 per Ccf for Natural Gas Vehicle Service (NGVS).

**EFFICIENCY COST RECOVERY SURCHARGE (PAGE No. 80)**

The Efficiency Cost Recovery Surcharge rates effective March 1, 2020 are: a) \$0.00035 per Ccf for Residential and Public Housing Customers on Rate GS; b) \$0.00236 per Ccf for Commercial Customers on Rate GS; c) \$(0.00091) per Ccf for Industrial Customers on Rate GS; and, d) \$0.00236 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, 2019 increases from \$0.09826 per Ccf to \$0.11711 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, 2020 decreases from \$0.47175 per Ccf to \$0.39009 per Ccf.

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

**I. PROVISION FOR ADJUSTMENT**

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

**II. DEFINITIONS**

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

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

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

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

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

GAC (Gas Adjustment Charge) - The "E" factor component of the GCR, representing the net overcollection or undercollection of Natural Gas and other raw materials costs. The currently effective GAC is \$(0.00383) per Ccf for Commodity Costs and \$0.00160 per Ccf for Demand Costs, for service on or after March 1, 2020. The total GAC is \$(0.00223) per Ccf. (D)

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

**(D) – Decrease**

PHILADELPHIA GAS WORKS

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IRC - Interruptible Revenue Credit - The credit defined in Subsection VI below. The currently effective IRC is \$(0.00032) per Ccf for service on or after March 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 \$0.24703 per Ccf for Commodity Costs and \$0.14497 per Ccf for Demand Costs, for service on or after March 1, 2020. The total SSC is \$0.39200 per Ccf.

(D)

(D) – Decrease      (I) – Increase

**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 \$0.39009 per Ccf, for service on or after March 1, 2020.

**(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: 3.76% - 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):

	<b>GS-RES</b>	<b>GS-PH</b>	<b>GS-COM</b>	<b>GS-IND</b>	<b>MS</b>	<b>PHA</b>	<b>NGVS</b>
<b>SSC</b>	\$0.39200	\$0.39200	\$0.39200	\$0.39200	\$0.39200	\$0.39200	\$0.39200
<b>GAC</b>	\$(0.00223)	\$(0.00223)	\$(0.00223)	\$(0.00223)	\$(0.00223)	\$(0.00223)	\$(0.00223)
<b>MFC</b>	\$0.01467	\$0.00000	\$0.00242	\$0.00152	\$0.00000	\$0.00000	\$0.00000
<b>GPC</b>	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400
<b>PTC</b>	\$0.40844	\$0.39377	\$0.39619	\$0.39529	\$0.39377	\$0.39377	\$0.39377

(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) \$0.00035 per Ccf for Residential and Public Housing Customers on Rate GS; | (I)  |
| b) \$0.00236 per Ccf for Commercial Customers on Rate GS;                     | (D)  |
| c) \$(0.00091) per Ccf for Industrial Customers on Rate GS;                   | (I)  |
| d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and                  | (NC) |
| e) \$0.00236 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 = \$0.11711/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 March 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):

\$0.39009	per Ccf for Residential and Public Housing	(D)
\$0.39009	per Ccf for Commercial Customers	(D)
\$0.39009	per Ccf for Industrial Customers	(D)

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.

(D) - Decrease

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, 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):

\$0.39009 per Ccf

(D)

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.

(D) - Decrease

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, 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):

\$0.39009 per Ccf

**(D)**

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.

**(D) - Decrease**

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, 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):

\$0.39009 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**

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

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FEB 28 2020

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

**PGW**  
**Gas Supplier Tariff**  
**Pa. P.U.C. No. 1**  
  
**Supplement No. 86**

**PHILADELPHIA GAS WORKS**

**GAS SUPPLIER TARIFF**



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

List of Changes Made by this Tariff

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Updated to reflect revised page numbers.

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

The load balancing charge effective March 1, 2020, is \$54.9510 per design day Mcf.

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PHILADELPHIA GAS WORKS

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 \$54.9510 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.

"S<sub>1</sub>" – 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.

"S<sub>2</sub>" – forecasted Mcf of load balancing volumes during the projected period when rates will be in effect.

**(D) – Decrease**

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# Supporting Schedules

**MARCH 1, 2020**

**2ND QUARTER GCR FILING**

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## Philadelphia Gas Works

## Levelized Gas Cost Rate

March 1, 2020

Formula:  
GCR = SSC + GAC - IRC

where:

	<u>Demand</u>	<u>Commodity</u>	<u>Total</u>	
S = Firm Sales (Mcf)			41,665,117	Schedule 2
Net Natural Gas Expense	\$ 73,303,870	\$ 105,497,638	\$ 178,801,508	
Purchased Electric & Misc Expenses	\$ -	\$ 659,972	\$ 659,972	
Total Natural Gas Expense	\$ 73,303,870	\$ 106,157,610	\$ 179,461,480	Schedule 3
C-Factor Reconciliation	\$ (11,027,631)	\$ (38,687)	\$ (11,066,318)	Schedule 4(b)
C = Total Applicable GCR Expense	\$ 62,276,239	\$ 106,118,923	\$ 168,395,162	
SSC = C / S	\$ 1.4947	\$ 2.5469	\$ 4.0416	
Adjustment For:				
E-Factor Volumes (Mcf)			14,879,492	Schedule 4(c)
E-Factor Reconciliation	\$ 537,890	\$ (1,287,564)	\$ (749,673)	Schedule 4(c)
	\$ 537,890	\$ (1,287,564)	\$ (749,673)	
E = E-Factor	\$ 0.0361	\$ (0.0865)	\$ (0.0504)	
Interruptible Revenue Credit			\$ (144,740)	Schedule 5(a)
IRC = Interruptible Revenue Credit / S			\$ (0.0035)	
Net Applicable GCR Expenses = C + E - Interruptible Revenue Credit			\$ 167,790,229	
<u>GCR = SSC + GAC - IRC</u>			\$ 3.9947	
SSC in effect 3/01/20	\$ 1.4497	\$ 2.4703	\$ 3.9200	
GAC in effect 3/01/20	\$ 0.0160	\$ (0.0383)	\$ (0.0223)	
IRC in effect 3/01/20			\$ 0.0032	
GCR in effect 3/01/20			\$ 3.9009	
Recovery Test on:				
Firm Sales (Mcf)			41,665,117	
= GCR Projected Recovery			\$ 165,080,230	
= Load Balancing Revenue			\$ 2,672,164	
= LNG Sales Demand Revenue			\$ 37,060	
= Total Projected Recovery			\$ 167,789,454	Schedule 6
Compared To				
Net Applicable GCR Expenses			\$ 167,790,229	
= Net Over/(Under) Recovery			\$ (774)	
Degree Days			3,962	

## Philadelphia Gas Works

## Price To Compare (\$ / MCF)

March 1, 2020

	<b>GCR</b>	<b>GCA</b>	<b>SSC</b>	<b>MFC</b>	<b>MFC Charge</b>	<b>GPC Charge</b>	<b>GAC</b>	<b>Price to Compare</b>
	<b>1</b>	<b>2</b>	<b>3 = (1 - 2)</b>	<b>4</b>	<b>5 = (1 * 4)</b>	<b>6</b>	<b>7</b>	<b>8 = (3 + 5 + 6 + 7)</b>
<b>Residential GS</b>	\$3.9009	(\$0.0191)	\$3.9200	3.76%	\$0.1467	\$0.0400	(\$0.0223)	\$4.0844
<b>Commercial GS</b>	\$3.9009	(\$0.0191)	\$3.9200	0.62%	\$0.0242	\$0.0400	(\$0.0223)	\$3.9619
<b>Industrial GS</b>	\$3.9009	(\$0.0191)	\$3.9200	0.39%	\$0.0152	\$0.0400	(\$0.0223)	\$3.9529
<b>Phila. Housing Authority (PHA)</b>	\$3.9009	(\$0.0191)	\$3.9200	0.00%	\$0.0000	\$0.0400	(\$0.0223)	\$3.9377
<b>Municipal (MS)</b>	\$3.9009	(\$0.0191)	\$3.9200	0.00%	\$0.0000	\$0.0400	(\$0.0223)	\$3.9377
<b>NGV Firm</b>	\$3.9009	(\$0.0191)	\$3.9200	0.00%	\$0.0000	\$0.0400	(\$0.0223)	\$3.9377
<b>Phila. Housing Authority (GS)</b>	\$3.9009	(\$0.0191)	\$3.9200	0.00%	\$0.0000	\$0.0400	(\$0.0223)	\$3.9377

**SALES & VOLUMES**

**MARCH 2020 THROUGH FEBRUARY 2021**

<b>MONTH</b>		<b>TOTAL</b>	<b>FIRM</b>	<b>BILLED</b>	<b>INTERRUPTIBLE</b>	<b>LNG</b>	<b>AIR</b>	<b>GCR FIRM</b>	<b>SENIOR</b>	<b>APPLICABLE</b>
		<b>VOLUMES</b>	<b>TRANSPORT</b>	<b>SALES</b>	<b>SALES</b>	<b>SALES</b>	<b>CONDITIONING</b>	<b>SALES</b>	<b>CITIZEN</b>	<b>VOLUMES</b>
		<b>1</b>	<b>2</b>	<b>3 = (1 - 2)</b>	<b>4</b>	<b>4A</b>	<b>4B</b>	<b>5 = (3 - 4 - 4A - 4B)</b>	<b>6</b>	<b>7 = (5 - 6 + 2)</b>
<b>MARCH</b>	<b>2020</b>	<b>7,182,098</b>	<b>938,605</b>	<b>6,243,491</b>	<b>1,089</b>	<b>-</b>	<b>-</b>	<b>6,242,402</b>	<b>25,532</b>	<b>7,155,476</b>
<b>APRIL</b>		<b>4,551,008</b>	<b>583,870</b>	<b>3,967,138</b>	<b>1,054</b>	<b>-</b>	<b>-</b>	<b>3,966,084</b>	<b>15,753</b>	<b>4,534,201</b>
<b>MAY</b>		<b>2,035,375</b>	<b>299,459</b>	<b>1,735,917</b>	<b>1,089</b>	<b>-</b>	<b>-</b>	<b>1,734,828</b>	<b>6,057</b>	<b>2,028,229</b>
<b>JUNE</b>		<b>1,318,019</b>	<b>230,175</b>	<b>1,087,844</b>	<b>1,054</b>	<b>-</b>	<b>50</b>	<b>1,086,741</b>	<b>3,069</b>	<b>1,313,847</b>
<b>JULY</b>		<b>1,174,146</b>	<b>210,537</b>	<b>963,609</b>	<b>1,089</b>	<b>-</b>	<b>282</b>	<b>962,238</b>	<b>2,612</b>	<b>1,170,163</b>
<b>AUGUST</b>		<b>1,083,400</b>	<b>195,013</b>	<b>888,386</b>	<b>1,089</b>	<b>-</b>	<b>99</b>	<b>887,199</b>	<b>2,381</b>	<b>1,079,832</b>
<b>SEPTEMBER</b>		<b>1,045,981</b>	<b>190,752</b>	<b>855,229</b>	<b>1,056</b>	<b>4,110</b>	<b>157</b>	<b>849,906</b>	<b>2,242</b>	<b>1,038,415</b>
<b>OCTOBER</b>		<b>1,500,806</b>	<b>283,057</b>	<b>1,217,749</b>	<b>1,092</b>	<b>4,247</b>	<b>83</b>	<b>1,212,328</b>	<b>3,400</b>	<b>1,491,985</b>
<b>NOVEMBER</b>		<b>3,219,219</b>	<b>509,229</b>	<b>2,709,990</b>	<b>1,056</b>	<b>4,110</b>	<b>-</b>	<b>2,704,824</b>	<b>9,006</b>	<b>3,205,047</b>
<b>DECEMBER</b>		<b>5,873,369</b>	<b>867,032</b>	<b>5,006,337</b>	<b>1,092</b>	<b>4,247</b>	<b>-</b>	<b>5,000,998</b>	<b>17,242</b>	<b>5,850,789</b>
<b>JANUARY</b>	<b>2021</b>	<b>10,636,748</b>	<b>1,393,751</b>	<b>9,242,997</b>	<b>1,092</b>	<b>4,247</b>	<b>-</b>	<b>9,237,858</b>	<b>32,692</b>	<b>10,598,718</b>
<b>FEBRUARY</b>		<b>8,961,698</b>	<b>1,176,965</b>	<b>7,784,733</b>	<b>986</b>	<b>3,836</b>	<b>-</b>	<b>7,779,911</b>	<b>26,953</b>	<b>8,929,923</b>
<b>TOTAL</b>		<b>48,581,864</b>	<b>8,878,445</b>	<b>41,703,418</b>	<b>12,836</b>	<b>24,795</b>	<b>670</b>	<b>41,665,117</b>	<b>146,939</b>	<b>48,396,824</b>

**Projected Applicable Fuel Expense  
SUMMARY  
FY 2019-2020 2nd Quarter Filing**

	MARCH 2020	APRIL 2020	MAY 2020	JUNE 2020	JULY 2020	AUGUST 2020	SEPTEMBER 2020	OCTOBER 2020	NOVEMBER 2020	DECEMBER 2020	JANUARY 2021	FEBRUARY 2021	TOTAL
<b>NATURAL GAS BILLED</b>													
DEMAND CHARGE	\$ 6,882,122	\$ 6,722,560	\$ 6,708,059	\$ 6,717,406	\$ 6,702,946	\$ 6,700,348	\$ 4,887,146	\$ 4,812,669	\$ 5,439,098	\$5,872,326	\$5,870,500	\$5,988,691	\$73,303,670
COMMODITY CHARGE	\$ 9,766,114	\$ 5,460,213	\$ 7,253,135	\$ 5,866,498	\$ 6,252,134	\$ 6,310,855	\$ 6,827,106	\$ 10,212,985	\$ 10,103,678	\$14,021,609	\$11,259,158	\$9,393,861	\$102,727,344
<b>TOTAL NATURAL GAS BILLED</b>	<b>\$16,648,236</b>	<b>\$12,182,773</b>	<b>\$13,961,194</b>	<b>\$12,683,904</b>	<b>\$12,955,080</b>	<b>\$13,011,203</b>	<b>\$11,714,262</b>	<b>\$15,025,654</b>	<b>\$15,642,776</b>	<b>\$19,893,935</b>	<b>\$17,129,658</b>	<b>\$15,382,551</b>	<b>\$176,031,214</b>
<b>INTERRUPTIBLE &amp; A/C CREDIT</b>	\$ 2,461	\$ 2,493	\$ 2,464	\$ 2,550	\$ 3,252	\$ 2,840	\$ 2,929	\$ 2,908	\$ 2,674	\$2,937	\$2,936	\$2,634	\$33,079
<b>SENDOUT VOLUME IN MCF</b>	1,119	1,083	1,119	1,134	1,409	1,220	1,247	1,207	1,086	1,122	1,122	1,013	13,880
<b>DKT CONVERSION FACTOR</b>	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	
<b>PRICE \$/DKT</b>	\$ 2.1278	\$ 2.2271	\$ 2.1302	\$ 2.1747	\$ 2.2328	\$ 2.2512	\$ 2.2717	\$ 2.3300	\$ 2.3822	\$2.5319	\$2.5308	\$2.5137	
<b>GAS USED FOR UTILITY</b>	\$ 70,252	\$ 55,014	\$ 19,322	\$ 20,477	\$ 18,943	\$ 25,436	\$ 13,140	\$ 15,839	\$ 43,126	\$88,593	\$152,168	\$100,332	\$622,641
<b>NATURAL GAS TO STORAGE</b>	\$ (207,725)	\$ (2,183,406)	\$ (4,121,973)	\$ (4,042,544)	\$ (4,329,182)	\$ (4,372,569)	\$ (4,748,656)	\$ (5,044,406)	\$ -	\$0	\$0	\$0	(\$29,060,481)
<b>FROM STORAGE PGW</b>	\$ 3,649,688	\$ 3,603,645	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 185,151	\$4,648,729	\$10,971,653	\$9,177,922	\$32,236,789
<b>FT FROM STORAGE</b>	\$ 168,167	\$ 7,425	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,004	\$487,750	\$751,658	\$523,032	\$1,851,036
<b>NET NATURAL GAS STORAGE</b>	<b>\$3,441,963</b>	<b>\$1,420,240</b>	<b>(\$4,121,973)</b>	<b>(\$4,042,544)</b>	<b>(\$4,329,182)</b>	<b>(\$4,372,569)</b>	<b>(\$4,748,656)</b>	<b>(\$5,044,406)</b>	<b>\$185,151</b>	<b>\$4,648,729</b>	<b>\$10,971,653</b>	<b>\$9,177,922</b>	<b>\$3,186,328</b>
<b>LNG TO STORAGE</b>	\$ (982,214)	\$ (523,788)	\$ (225,754)	\$ (7,539)	\$ -	\$ -	\$ (4,063)	\$ (383,458)	\$ (924,492)	\$ (899,928)	\$ (780,334)	\$ (706,974)	(\$6,438,648)
<b>FROM LNG PGW</b>	\$ 241,710	\$ 231,881	\$ 286,040	\$ 229,657	\$ 237,295	\$ 237,295	\$ 252,416	\$ 335,149	\$ 250,746	\$1,111,530	\$1,353,848	\$979,096	\$6,746,662
<b>FT FROM LNG</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0
<b>NET LNG STORAGE</b>	<b>\$ (740,504)</b>	<b>\$ (291,907)</b>	<b>\$ 60,286</b>	<b>\$ 222,118</b>	<b>\$ 237,295</b>	<b>\$ 237,295</b>	<b>\$ 248,353</b>	<b>\$ (48,310)</b>	<b>\$ (673,746)</b>	<b>\$ 211,602</b>	<b>\$ 573,514</b>	<b>\$ 272,122</b>	<b>\$308,117</b>
<b>LNG SALES FROM LNG TANK</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,381	\$ 11,760	\$ 11,342	\$11,664	\$11,688	\$10,597	\$68,431
<b>SENDOUT VOLUMES (MCF)</b>	-	-	-	-	-	-	4,110	4,247	4,110	4,247	4,247	3,836	24,796
<b>@ AVG LNG COMMODITY RATE</b>	\$ 2.8278	\$ 2.8111	\$ 2.7817	\$ 2.7699	\$ 2.7694	\$ 2.7694	\$ 2.7694	\$ 2.7692	\$ 2.7598	\$2.7487	\$2.7523	\$2.7627	
<b>NET NATURAL GAS EXPENSE</b>	<b>\$19,276,982</b>	<b>\$13,263,698</b>	<b>\$9,877,721</b>	<b>\$8,740,461</b>	<b>\$8,840,998</b>	<b>\$8,847,653</b>	<b>\$7,186,600</b>	<b>\$9,902,432</b>	<b>\$14,997,039</b>	<b>\$24,651,072</b>	<b>\$28,608,031</b>	<b>\$24,719,033</b>	<b>\$178,801,508</b>
<b>APPLICABLE GCR EXPENSE</b>													
<b>NET NATURAL GAS EXPENSE</b>	<b>\$19,276,982</b>	<b>\$13,263,698</b>	<b>\$9,877,721</b>	<b>\$8,740,461</b>	<b>\$8,840,998</b>	<b>\$8,847,653</b>	<b>\$7,186,600</b>	<b>\$9,902,432</b>	<b>\$14,997,039</b>	<b>\$24,651,072</b>	<b>\$28,608,031</b>	<b>\$24,719,033</b>	<b>\$178,801,508</b>
<b>PURCHASED ELECTRIC &amp; MISC</b>	\$ 54,723	\$ 50,085	\$ 36,644	\$ 34,051	\$ 32,814	\$ 32,261	\$ 32,394	\$ 31,241	\$ 44,814	\$52,772	\$73,636	\$59,539	\$634,972
<b>PLANALYTICS</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ -	\$125,000
<b>TOTAL APPLICABLE EXPENSES</b>	<b>\$19,331,706</b>	<b>\$13,303,682</b>	<b>\$9,914,366</b>	<b>\$8,774,602</b>	<b>\$8,873,811</b>	<b>\$8,879,914</b>	<b>\$7,218,994</b>	<b>\$9,933,672</b>	<b>\$15,041,862</b>	<b>\$24,703,844</b>	<b>\$28,706,667</b>	<b>\$24,778,671</b>	<b>\$179,461,480</b>
<b>TOTAL GCR FIRM SALES</b>	<b>6,242,402</b>	<b>3,866,084</b>	<b>1,734,828</b>	<b>1,086,741</b>	<b>962,236</b>	<b>887,199</b>	<b>849,906</b>	<b>1,212,326</b>	<b>2,704,824</b>	<b>6,000,898</b>	<b>8,237,658</b>	<b>7,779,911</b>	<b>41,665,117</b>

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

<u>Rate</u>	<u>7/1/2019</u>	<u>Split Month 9/1/2019</u>	<u>10/1/2019</u>	<u>Split Month 12/1/2019</u>	<u>1/1/2020</u>	<u>Split Month 3/1/2020</u>	<u>4/1/2020</u>
SSC in Effect	\$ 4.3501	\$ 4.4681	\$ 4.5860	\$ 4.6309	\$ 4.6757	\$ 4.2979	\$ 3.9200
GAC in Effect	\$ (0.0737)	\$ (0.0266)	\$ 0.0206	\$ 0.0279	\$ 0.0351	\$ 0.0064	\$ (0.0223)
IRC in Effect	\$ (0.0040)	\$ (0.0038)	\$ (0.0036)	\$ 0.0016	\$ 0.0087	\$ 0.0050	\$ 0.0032
<b>Total Effective</b>	<b>\$ 4.2724</b>	<b>\$ 4.4377</b>	<b>\$ 4.6030</b>	<b>\$ 4.6603</b>	<b>\$ 4.7175</b>	<b>\$ 4.3092</b>	<b>\$ 3.9009</b>
<b>Percentage of Total</b>							
C-Factor	101.8%	100.7%	99.6%	99.4%	99.1%	99.7%	100.5%
E-Factor	-1.7%	-0.6%	0.4%	0.8%	0.7%	0.1%	-0.6%
IRC-Factor	-0.1%	-0.1%	-0.1%	0.0%	0.1%	0.1%	0.1%
Total	100%	100%	100%	100%	100%	100%	100%
<b>C-Factor</b>							
Demand Charge in Effect	\$ 1.3403	\$ 1.6114	\$ 1.9825	\$ 1.9647	\$ 2.0469	\$ 1.7483	\$ 1.4497
Commodity in Effect	\$ 3.0098	\$ 2.8567	\$ 2.7035	\$ 2.6662	\$ 2.6288	\$ 2.6496	\$ 2.4703
	\$ 4.3501	\$ 4.4681	\$ 4.6860	\$ 4.6309	\$ 4.6757	\$ 4.2979	\$ 3.9200
<b>Percentage of Total</b>							
Demand Charge in Effect	30.8%	36.1%	41.0%	42.4%	43.8%	40.7%	37.0%
Commodity in Effect	<u>69.2%</u>	<u>63.9%</u>	<u>59.0%</u>	<u>57.6%</u>	<u>56.2%</u>	<u>59.3%</u>	<u>63.0%</u>
	100%	100%	100%	100%	100%	100%	100%

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

<u>Actual</u>	<u>Sep-2019 Actual</u>	<u>Oct-2019 Actual</u>	<u>Nov-2019 Actual</u>	<u>Dec-2019 Actual</u>	<u>Jan-2020 Estimated</u>	<u>Feb-2020 Estimated</u>
<b>Fiscal Year 2019-2020</b>						
GCR Firm Sales	944,022	1,100,259	3,212,670	6,174,668	6,911,187	6,969,417
GCR Revenue Billed	\$ 4,228,589	\$ 5,086,955	\$ 14,791,249	\$ 28,804,748	\$ 32,803,526	\$ 32,878,224
Migration Rider Revenue Billed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Load Balancing Billed	\$ 210,704	\$ 218,471	\$ 226,215	\$ 214,762	\$ 218,414	\$ 219,267
LNG Sales Demand Charge Credit	\$ -	\$ 76,522	\$ 26,059	\$ 8,650	\$ -	\$ -
<b>Total Revenue Billed</b>	<b>\$ 4,439,293</b>	<b>\$ 5,381,947</b>	<b>\$ 15,043,523</b>	<b>\$ 29,028,160</b>	<b>\$ 32,821,940</b>	<b>\$ 33,097,491</b>
Natural Gas Refunds	\$ -	\$ 1,115	\$ -	\$ 65	\$ -	\$ -
Demand Charges	\$ 6,912,196	\$ 7,233,417	\$ 5,979,435	\$ 6,541,375	\$ 6,959,260	\$ 6,949,595
Supply Charges	\$ 1,884,811	\$ 3,919,177	\$ 12,954,389	\$ 16,806,918	\$ 14,482,848	\$ 17,297,447
Nat Cost of Fuel	\$ 8,797,006	\$ 11,152,594	\$ 18,933,824	\$ 23,348,293	\$ 21,442,107	\$ 24,247,042

**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		REVENUE	
	1	2	3	4 = ( 2 * 3 )	5	6	7 = ( 4 + 5 + 6 )	8	9 = ( 7 + 8 - 1 )	10
	(\$)	(\$)		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 2019	8,797,008	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	78,522	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	28,059	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	21,442,107	32,603,526	99.1%	32,314,639	218,414	0	32,533,052	0	11,090,945	2,507,191
FEBRUARY	24,247,042	32,878,224	99.1%	32,586,902	219,267	0	32,806,169	0	8,559,127	11,066,318

**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)	(\$)		(\$)	(\$)
<b>PRIOR YEAR E-FACTOR</b>							\$ (1,472,595)
<b>MONTH</b>							
<b>SEPTEMBER 2019</b>	<b>Actual</b>	944,022	944,022	\$ 4,228,589	-0.6%	\$ (25,299)	\$ (1,497,894)
<b>OCTOBER</b>	<b>Actual</b>	1,100,259	1,100,259	\$ 5,066,955	0.4%	\$ 22,676	\$ (1,475,218)
<b>NOVEMBER</b>	<b>Actual</b>	3,212,670	3,212,670	\$ 14,791,249	0.4%	\$ 66,196	\$ (1,409,022)
<b>DECEMBER</b>	<b>Actual</b>	6,174,658	6,174,658	\$ 28,804,748	0.6%	\$ 172,139	\$ (1,236,882)
<b>JANUARY 2020</b>	<b>Estimated</b>	6,911,187	6,911,187	\$ 32,603,526	0.7%	\$ 242,583	\$ (994,300)
<b>FEBRUARY</b>	<b>Estimated</b>	6,969,417	6,969,417	\$ 32,878,224	0.7%	\$ 244,627	\$ (749,673)
<b>MARCH</b>		<b>Estimated</b> 6,242,402	6,242,402	\$ 26,899,761		\$ 314,511	
<b>APRIL</b>		<b>Estimated</b> 3,966,084	3,966,084	\$ 15,471,297		\$ 199,823	
<b>MAY</b>		<b>Estimated</b> 1,734,828	1,734,828	\$ 6,767,390		\$ 87,406	
<b>JUNE</b>		<b>Estimated</b> 1,086,741	1,086,741	\$ 4,239,266		\$ 54,753	
<b>JULY</b>		<b>Estimated</b> 962,238	962,238	\$ 3,753,595		\$ 48,480	
<b>AUGUST</b>		<b>Estimated</b> 887,199	887,199	\$ 3,460,875		\$ 44,700	
		<u>14,879,492</u>	<u>14,879,492</u>	<u>60,592,183</u>		<u>749,673</u>	
<b>MARCH 1, 2020 E-FACTOR</b>		<b>0.0504</b>					

**FISCAL YEAR 2020  
PHILADELPHIA GAS WORKS  
IRC FACTOR REVENUE BILLED**

<b>MONTH</b>	<b>TOTAL GCR REVENUE BILLED 1</b>	<b>IRC- FACTOR % of GCR 2</b>	<b>IRC-FACTOR REVENUE BILLED 3 = ( 1 * 2 )</b>
	\$		\$
<b>SEPTEMBER 2019</b>	4,228,589	-0.09%	(3,621)
<b>OCTOBER</b>	5,066,955	-0.08%	(3,963)
<b>NOVEMBER</b>	14,791,249	-0.08%	(11,568)
<b>DECEMBER</b>	28,804,748	0.03%	9,580
<b>JANUARY 2020</b>	32,603,526	0.14%	46,305
<b>FEBRUARY</b>	32,878,224	0.14%	46,695

**FISCAL YEAR 2020  
PHILADELPHIA GAS WORKS  
RECONCILIATION OF DEMAND CHARGES**

MONTH	DEMAND CHARGES		MONTHLY DEMAND OVER/(UNDER)	CUMULATIVE DEMAND OVER/(UNDER)
	LESS LOAD BALANCING CHARGE REVENUE	DEMAND REVENUE BILLED		
	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	6,740,846	14,146,509	7,405,663	3,492,260
FEBRUARY	6,730,328	14,265,699	7,535,371	11,027,631

**INTERRUPTIBLE REVENUE CREDIT**  
**March 1, 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 \$ 46,305	\$ 817	
February	Actual \$ 46,695	\$ 764	
<b>Act/Est IRC Credit September 2019 to November 2019</b>	<b><u>\$ 83,428</u></b>		
<b>Act/Est Margin September 2019 to November 2019</b>		<b><u>\$ 11,149</u></b>	<b>\$ 11,149</b>

FY 2019 Reconciliation Plus Act/Est Margin September 2019 to February 2020 \$ (237,795)

<b>FY 2019 Reconciliation Plus Act/Est Margin September 2019 to February 2020</b>	<b>\$ (237,795)</b>	
<b>Act/Est IRC Credit September 2019 to February 2020</b>	<b><u>\$ 83,428</u></b>	
<b>Reconciliation as of February 29, 2020</b>	<b>\$ (154,367)</b>	
<b>Margin - March 2020 through February 2021</b>	<b><u>\$ 9,627</u></b>	Schedule 5(b)
<b>March 1, 2020 Interruptible Revenue Credit</b>	<b>\$ (144,740)</b>	

GCR Firm Sales **41,665,117** Schedule 2

March 1, 2020 IRC/Mcf **\$ (0.0035)**

**INTERRUPTIBLE REVENUE MARGIN**  
**2ND QTR FILING**

<u>MONTH</u>		<u>MARGIN</u>
<b>March-20</b>	Estimated	\$ 817
<b>April</b>	Estimated	\$ 790
<b>May</b>	Estimated	\$ 817
<b>June</b>	Estimated	\$ 790
<b>July</b>	Estimated	\$ 817
<b>August</b>	Estimated	\$ 817
<b>September</b>	Estimated	\$ 792
<b>October</b>	Estimated	\$ 819
<b>November</b>	Estimated	\$ 792
<b>December</b>	Estimated	\$ 819
<b>January-21</b>	Estimated	\$ 819
<b>February</b>	Estimated	\$ 740
<b>Total</b>		\$ <u>9,627</u>

**CALCULATION OF RECOVERED CHARGES**  
**2nd Qtr Filing**  
**March 1, 2020**

	<u>50% March</u>	<u>11.5 Months</u>	<u>Total</u>
			(MCF)            (\$)
S - Firm Sales (Mcf)	3,121,201	38,543,916	41,665,117
C-Factor	<u>\$ 4.6757</u>	<u>\$ 3.9200</u>	
Projected Recovery	14,593,801	151,092,152	\$ 165,685,952
S - Firm Sales (Mcf)	3,121,201	38,543,916	41,665,117
IRC-Factor	<u>\$ 0.0067</u>	<u>\$ 0.0032</u>	
Projected Recovery	20,912	123,341	\$ 144,253
E-Factor Volumes (Mcf)	3,121,201	38,543,916	41,665,117
E-Factor	<u>\$ 0.0351</u>	<u>\$ (0.0223)</u>	
Projected Recovery	109,554	(859,529)	\$ (749,975)
GCR (\$ / Mcf)	\$ 4.7175	\$ 3.9009	
<hr/>			
GCR Projected Recovery			\$ 165,080,230
Load Balancing Revenue			\$ 2,672,164
LNG Sales Demand Revenue			<u>\$ 37,060</u>
<b>TOTAL PROJECTED RECOVERY</b>			<b>\$ 167,789,454</b>

**Change In Rates  
2nd Quarter Filing  
Rates Effective March 1, 2020**

**Current Rates**

	12/01/19 <u>Distribution Charge</u> (1)	12/01/19 <u>GCR</u> (2)	12/01/19 <u>MFC</u> (3)	12/01/19 <u>GPC</u> (4)	12/01/19 Commodity <u>Rate</u> (5)=(1)+(2)+(3)+(4)
Residential GS	\$8.0219	\$4.7175	\$0.1774	\$0.0400	\$12.9568
Commercial GS	\$6.2127	\$4.7175	\$0.0292	\$0.0400	\$10.9994
Industrial GS	\$6.0617	\$4.7175	\$0.0184	\$0.0400	\$10.8376
Phila.Housing Authority (PHA)	\$6.3639	\$4.7175	\$0.0000	\$0.0400	\$11.1214
Municipal (MS)	\$5.5954	\$4.7175	\$0.0000	\$0.0400	\$10.3529
Phila.Housing Authority (GS)	\$7.0357	\$4.7175	\$0.0000	\$0.0400	\$11.7932

**March 1, 2020 - Distribution Charge**

	Delivery <u>Delivery Charge</u> (6)	<u>Surcharges</u>				<u>Total</u>	
		Other Post Employment Benefit (7)	Efficiency Cost Recovery (8)	Universal Service & Ener. Cons. (9)	Restructuring & Consumer Education (10)	Total Surcharges (11)=(7)+(8)+(9)+(10)	Distribution Charge / Mcf (12)=(11)+(6)
Residential GS	\$6.6967	\$0.3362	\$0.0035	\$1.1711	\$0.0043	\$1.5151	\$8.2118
Commercial GS	\$4.8651	\$0.3362	\$0.0236	\$1.1711	\$0.0043	\$1.5352	\$6.4003
Industrial GS	\$4.7698	\$0.3362	(\$0.0091)	\$1.1711	\$0.0043	\$1.5025	\$6.2723
Phila.Housing Authority (PHA)	\$5.0163	\$0.3362	\$0.0236	\$1.1711	\$0.0043	\$1.5352	\$6.5515
Municipal (MS)	\$4.2723	\$0.3362	\$0.0000	\$1.1711	\$0.0043	\$1.5116	\$5.7839
Phila.Housing Authority (GS)	\$5.7105	\$0.3362	\$0.0035	\$1.1711	\$0.0043	\$1.5151	\$7.2256

**Proposed Rates**

	03/01/20 <u>Distribution Charge</u> (12)	03/01/20 <u>GCR</u> (13)	03/01/20 <u>MFC</u> (14)	03/01/20 <u>GPC</u> (15)	03/01/20 Commodity <u>Rate</u> (16)=(12)+(13)+(14)+(15)	<u>Difference</u> (17)=(16)-(5)
Residential GS	\$8.2118	\$3.9009	\$0.1467	\$0.0400	\$12.2994	(\$0.6574)
Commercial GS	\$6.4003	\$3.9009	\$0.0242	\$0.0400	\$10.3654	(\$0.6340)
Industrial GS	\$6.2723	\$3.9009	\$0.0152	\$0.0400	\$10.2284	(\$0.6092)
Phila.Housing Authority (PHA)	\$6.5515	\$3.9009	\$0.0000	\$0.0400	\$10.4924	(\$0.6290)
Municipal (MS)	\$5.7839	\$3.9009	\$0.0000	\$0.0400	\$9.7248	(\$0.6281)
Phila.Housing Authority (GS)	\$7.2256	\$3.9009	\$0.0000	\$0.0400	\$11.1665	(\$0.6267)

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

	<b>Expenses in the Surcharge</b>
Enhanced Low Income Retrofit Program (ELIRP)	\$ 8,617,609
Customer Responsibility Program (CRP)	\$ 40,094,947
Conservation Incentive Credit	\$ -
Senior Citizen Discount *	\$ 2,008,368
<u>February 2020 Under Collection</u>	<u>\$ 5,914,965</u>
Total \$ to be Recovered	\$ 56,635,888
Total Applicable Volumes	Mcf 48,360,515
Universal Service & Energy Conservation Surcharge	<u><u>\$ 1.1711</u></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 \$2,188,224.

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

Month		USC Applicable Volumes	USC Charge	USC Revenue Billed	USC Expenses	Monthly Over/(Under) Recovery	Cumulative Over/(Under) Recovery
<b>FY 19 Reconciliation</b>							(\$1,259,707)
<b>FY 17 &amp; FY 18 Conservation Incentive Credit</b>							(\$581,850)
							(\$1,821,357)
September 2019	Actual	1,138,871	\$ 1,2605	\$ 1,435,490	\$ (1,582,662)	\$ 3,018,152	\$ 1,198,795
October	Actual	1,358,986	\$ 1,2195	\$ 1,657,283	\$ (21,738)	\$ 1,679,021	\$ 2,875,816
November	Actual	3,752,873	\$ 1,2195	\$ 4,576,629	\$ 4,144,212	\$ 432,417	\$ 3,308,233
December	Actual	7,048,852	\$ 1,1010	\$ 7,761,111	\$ 9,196,747	\$ (1,435,638)	\$ 1,872,597
January 2020	Estimated	7,920,522	\$ 0.9826	\$ 7,782,644	\$ 11,673,306	\$ (3,890,662)	(\$2,018,065)
February	Estimated	8,020,988	\$ 0.9826	\$ 7,881,362	\$ 11,778,261	\$ (3,896,900)	(\$5,914,965)

USC Expenses	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20
ELIRP Expense	\$ (5,610)	\$ 593,111	\$ 775,900	\$ 640,702	\$ 753,384	\$ 753,384
ELIRP Labor	\$ 22,492	\$ 10,117	\$ 23,353	\$ 14,485	\$ 17,149	\$ 17,149
Conservation Incentive Credit	\$ -	\$ 227,500	\$ 100	\$ -	\$ -	\$ -
CRP Discount	\$ (2,403,563)	\$ (1,749,547)	\$ 2,348,336	\$ 7,501,644	\$ 9,484,979	\$ 9,588,893
CRP Forgiveness	\$ 732,550	\$ 803,371	\$ 768,558	\$ 653,112	\$ 1,000,616	\$ 1,006,064
Senior Citizen Discount	\$ 71,489	\$ 93,710	\$ 229,965	\$ 386,805	\$ 417,178	\$ 412,771
Bad Debt Expense Offset*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ (1,582,662)</b>	<b>\$ (21,738)</b>	<b>\$ 4,144,212</b>	<b>\$ 9,196,747</b>	<b>\$ 11,673,306</b>	<b>\$ 11,778,261</b>

<b>CRP Participation</b>				
Rate Case Participation Rate	60,000	60,000	60,000	60,000
Actual Participation Rate*	52,717	53,395	53,177	54,040
CRP Under/(Over) Participation	7,283	6,605	6,823	5,960
<b>Average Shortfall Per CRP Participant</b>				
CRP Discount	\$ (2,403,563)	\$ (1,749,547)	\$ 2,348,336	\$ 7,501,644
Actual Participation Rate	52,717	53,395	53,177	54,040
Average Shortfall per CRP Participant	\$ (46)	\$ (33)	\$ 44	\$ 139
Shortfall*	\$ -	\$ -	\$ -	\$ -
Bad Debt Expense Offset* 7.5%	\$ -	\$ -	\$ -	\$ -

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

**EFFICIENCY COST RECOVERY (ECR) SURCHARGE**  
**March 1, 2020**

<u>Program</u>	<u>Residential &amp; PHA GS</u>	<u>Commercial &amp; PHA</u>	<u>Industrial</u>	<u>Total</u>
<b>Residential Heating Equipment Rebate (RHER)</b>				
Program Expense	\$382,418	\$26,066	\$1,894	\$410,378
Labor Expense	\$17,809	\$1,077	\$67	\$18,953
<b>Commercial &amp; Industrial Retrofit Incentive (CIRI)</b>				
Program Expense	\$133,412	\$39,416	\$0	\$172,827
Labor Expense	\$3,154	\$3,466	\$0	\$6,620
<b>Commercial &amp; Industrial Equipment Rebate (CIER)</b>				
Program Expense	\$11,529	\$681,927	\$24,047	\$717,504
Labor Expense	\$243	\$15,380	\$636	\$16,259
<b>High-Efficiency Construction Incentive (HECI)</b>				
Program Expense	\$144,970	-\$109,846	\$0	\$35,125
Labor Expense	\$4,524	-\$1,750	\$0	\$2,774
<b>Comprehensive Residential Retrofit Incentive (CRRI)</b>				
Program Expense	\$0	\$0	\$0	\$0
Labor Expense	\$0	\$0	\$0	\$0
<b>Total Expense</b>	<b>\$698,059</b>	<b>\$655,737</b>	<b>\$26,644</b>	<b>\$1,380,441</b>
<b>Prior Period Reconciliation (2/29/20)</b>	<b>\$ (574,713)</b>	<b>\$ (388,855)</b>	<b>\$ (34,838)</b>	<b>\$ (998,406)</b>
<b>Total</b>	<b>\$123,347</b>	<b>\$266,882</b>	<b>-\$8,194</b>	<b>\$382,035</b>
<b>Volumes - Mcf (GCR Firm &amp; Firm Transportation)</b>	<b>35,269,529</b>	<b>11,332,366</b>	<b>898,675</b>	

<b>Efficiency Cost Recovery Surcharge / Mcf</b>	<b>\$0.0035</b>	<b>\$0.0236</b>	<b>(\$0.0091)</b>
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**EFFICIENCY COST RECOVERY (ECR) SURCHARGE  
STATEMENT OF RECONCILIATION  
FISCAL YEAR 2020**

		Actual Sep-19	Actual Oct-19	Actual Nov-19	Actual Dec-19	Estimated Jan-20	Estimated Feb-20
<b>RESIDENTIAL &amp; PHA G&amp;S</b>							
<b>FY 2019 Over-Collection</b>	<b>\$ 600,385</b>						
Volume Billed		673,192	841,321	2,645,792	5,232,100	5,994,221	6,017,194
ECR Surcharge		\$ 0.0110	\$ 0.0168	\$ 0.0186	\$ 0.0094	\$ 0.0021	\$ 0.0021
Revenue Billed		\$ 7,371	\$ 13,968	\$ 43,920	\$ 48,920	\$ 12,588	\$ 12,636
RHER	Expense	\$ 81,353	\$ 25,311	\$ 76,763	\$ 51,711	\$ 27,666	\$ 27,666
RHER	Labor	\$ (1,539)	\$ 1,097	\$ 1,157	\$ 1,571	\$ 1,708	\$ 1,708
HECI	Expense	\$ (78,991)	\$ 2,137	\$ (2,165)	\$ 2,404	\$ 19,022	\$ 19,022
HECI	Labor	\$ (2,516)	\$ 222	\$ (463)	\$ 317	\$ 596	\$ 596
CRRI	Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CRRI	Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIRI	Expense	\$ (126,730)	\$ 3,504	\$ (1,914)	\$ 2,079	\$ 19,477	\$ 19,477
CIRI	Labor	\$ (1,406)	\$ 234	\$ (451)	\$ 335	\$ 379	\$ 379
CIER	Expense	\$ (9,535)	\$ 53	\$ (53)	\$ 55	\$ 1,474	\$ 1,474
CIER	Labor	\$ (167)	\$ 3	\$ (6)	\$ 4	\$ 29	\$ 29
<b>Total</b>		<b>\$ (139,531)</b>	<b>\$ 32,560</b>	<b>\$ 72,867</b>	<b>\$ 58,478</b>	<b>\$ 70,350</b>	<b>\$ 70,350</b>
<b>Monthly Over/(Under)</b>		<b>\$ 146,903</b>	<b>\$ (18,594)</b>	<b>\$ (28,947)</b>	<b>\$ (9,558)</b>	<b>\$ (57,762)</b>	<b>\$ (57,714)</b>
<b>Cumulative Over/(Under)</b>		<b>\$ 747,287</b>	<b>\$ 728,693</b>	<b>\$ 699,747</b>	<b>\$ 690,189</b>	<b>\$ 632,427</b>	<b>\$ 574,713</b>
<b>COMMERCIAL &amp; PHA</b>							
<b>FY 2019 Over-Collection</b>	<b>\$ 356,338</b>						
Volume Billed		423,048	466,216	963,448	1,577,726	1,643,488	1,717,041
ECR Surcharge		\$ 0.0597	\$ 0.0552	\$ 0.0552	\$ 0.0399	\$ 0.0245	\$ 0.0245
Revenue Billed		\$ 25,256	\$ 25,735	\$ 53,182	\$ 62,872	\$ 40,265	\$ 42,068
RHER	Expense	\$ 6,942	\$ 958	\$ 13	\$ 1,958	\$ 926	\$ 926
RHER	Labor	\$ 78	\$ 42	\$ (56)	\$ 59	\$ 60	\$ 60
CRRI	Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CRRI	Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIRI	Expense	\$ 31,849	\$ 5,820	\$ (3,225)	\$ 3,454	\$ 2,064	\$ 2,064
CIRI	Labor	\$ (3)	\$ 389	\$ (751)	\$ 557	\$ 338	\$ 338
CIER	Expense	\$ (237,368)	\$ 9,789	\$ 2,925	\$ 10,232	\$ 80,380	\$ 80,380
CIER	Labor	\$ (2,500)	\$ 525	\$ (695)	\$ 751	\$ 1,673	\$ 1,673
HECI	Expense	\$ 256,197	\$ 1,746	\$ (1,267)	\$ 1,965	\$ (24,611)	\$ (24,611)
HECI	Labor	\$ 5,726	\$ 181	\$ (378)	\$ 259	\$ (486)	\$ (486)
<b>Total</b>		<b>\$ 60,920</b>	<b>\$ 19,450</b>	<b>\$ (3,434)</b>	<b>\$ 19,236</b>	<b>\$ 60,345</b>	<b>\$ 60,345</b>
<b>Monthly Over/(Under)</b>		<b>\$ (35,664)</b>	<b>\$ 6,285</b>	<b>\$ 56,616</b>	<b>\$ 43,637</b>	<b>\$ (20,080)</b>	<b>\$ (18,278)</b>
<b>Cumulative Over/(Under)</b>		<b>\$ 320,674</b>	<b>\$ 326,959</b>	<b>\$ 383,576</b>	<b>\$ 427,212</b>	<b>\$ 407,133</b>	<b>\$ 388,855</b>
<b>INDUSTRIAL</b>							
<b>FY 2018 Over-Collection</b>	<b>\$ 49,225</b>						
Volume Billed		30,519	37,952	67,847	113,159	126,166	136,677
ECR Surcharge		\$ (0.0225)	\$ (0.0150)	\$ (0.0150)	\$ (0.0231)	\$ (0.0312)	\$ (0.0312)
Revenue Billed		\$ (685)	\$ (569)	\$ (1,018)	\$ (2,614)	\$ (3,936)	\$ (4,264)
RHER	Expense	\$ (1,724)	\$ 31	\$ (32)	\$ 64	\$ 278	\$ 278
RHER	Labor	\$ (59)	\$ 1	\$ (3)	\$ 2	\$ 10	\$ 10
CIRI	Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIRI	Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIER	Expense	\$ 2	\$ 202	\$ (204)	\$ 211	\$ 1,080	\$ 1,080
CIER	Labor	\$ 13	\$ 11	\$ (24)	\$ 16	\$ 28	\$ 28
<b>Total</b>		<b>\$ (1,769)</b>	<b>\$ 246</b>	<b>\$ (262)</b>	<b>\$ 293</b>	<b>\$ 1,396</b>	<b>\$ 1,396</b>
<b>Monthly Over/(Under)</b>		<b>\$ 1,083</b>	<b>\$ (815)</b>	<b>\$ (756)</b>	<b>\$ (2,907)</b>	<b>\$ (5,332)</b>	<b>\$ (5,660)</b>
<b>Cumulative Over/(Under)</b>		<b>\$ 50,309</b>	<b>\$ 49,494</b>	<b>\$ 48,738</b>	<b>\$ 45,831</b>	<b>\$ 40,499</b>	<b>\$ 34,838</b>

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

<b>Storage and Peaking Asset Cost</b>	<b>\$ 21,846,769</b>
<b>Design Day Requirements (Mcf)</b>	<b>695,932</b>
<b>Fulfilled from FT Capacity (Mcf)</b>	<b><u>297,287</u></b>
<b>Fulfilled from Storage and Peaking Assets (Excess Mcf)</b>	<b>398,645</b>
<b>Annual Storage and Peaking Cost per Excess Mcf</b>	<b>\$ 54.8025</b>
<b>Per Mcf Over / (Under) Adjustment</b>	<b>\$ <u>(0.1485)</u></b>
<b>Load Balancing Charge</b>	<b>\$ 54.9510</b>

<b>Over / (Under) Recovery</b>	<b>\$ (81,643)</b>
<b>Interest</b>	<b>\$ <u>(5,041)</u></b>
<b>Total Over/(Under) Recovery</b>	<b>\$ (86,683)</b>
<b>Forecasted SSPC Volumes</b>	<b>583,538</b>
<b>Per Mcf Over / (Under) Adjustment</b>	<b>\$ (0.1485)</b>



**Actual Natural Gas Billed**

Schedule 13

	<u>Oct-19</u>	<u>Nov-19</u>	<u>Dec-19</u>
Williams	\$ 3,553,740.90	\$ 3,043,870.41	\$ 3,232,267.05
Texas Eastern	\$ 3,488,263.40	\$ 3,317,665.30	\$ 3,135,998.34
Dominion	\$ 128,839.41	\$ 132,514.86	\$ 135,525.20
Equitrans	\$ -	\$ -	\$ -
Spot Purchases -Transco	\$ 6,659.63	\$ 12,685.72	\$ 56,281.97
Spot Purchases -Tetco	\$ -	\$ -	\$ -
Transco Supply2	\$ -	\$ -	\$ -
Transco Supply3	\$ -	\$ -	\$ -
Transco Supply6	\$ 295,275.00	\$ 770,250.00	\$ 864,900.00
Transco Supply7	\$ 373,937.50	\$ 2,836,501.18	\$ 2,623,536.21
Transco Supply8	\$ -	\$ -	\$ -
Transco Supply10	\$ -	\$ -	\$ -
Transco Supply12	\$ -	\$ -	\$ -
Transco Supply14	\$ 674,250.00	\$ 667,500.00	\$ 863,350.00
Transco Supply17	\$ -	\$ -	\$ -
Transco Supply20	\$ -	\$ -	\$ -
Transco Supply21	\$ -	\$ -	\$ -
Transco Supply22	\$ -	\$ -	\$ -
Transco Supply23	\$ -	\$ -	\$ -
Transco Supply24	\$ -	\$ -	\$ -
Transco Supply25	\$ -	\$ -	\$ -
Transco Supply26	\$ -	\$ -	\$ -
Transco Supply27	\$ -	\$ -	\$ -
Transco Supply28	\$ -	\$ -	\$ -
Transco Supply29	\$ 299,150.00	\$ -	\$ -
Transco Supply30	\$ 865,031.00	\$ 1,637,828.28	\$ 1,442,336.52
Transco Supply31	\$ -	\$ -	\$ -
Transco Supply32	\$ 294,500.00	\$ -	\$ -
Transco Supply33	\$ -	\$ -	\$ -
Transco Supply34	\$ 79,120.50	\$ -	\$ 33,975.00
Transco Supply35	\$ -	\$ -	\$ 112,752.50
Transco Supply36	\$ 560,202.50	\$ -	\$ -
Transco Supply37	\$ 461,127.79	\$ 1,521,450.00	\$ 1,485,520.00
Transco Supply38	\$ -	\$ -	\$ 113,985.00
Transco Supply39	\$ -	\$ -	\$ 790,500.00
Tetco Supply1	\$ -	\$ 636,750.00	\$ 568,800.00
Tetco Supply2	\$ -	\$ -	\$ -
Tetco Supply3	\$ 71,276.00	\$ -	\$ -
Tetco Supply4	\$ -	\$ -	\$ -
Tetco Supply5	\$ -	\$ 721,664.03	\$ 723,075.00
Tetco Supply7	\$ -	\$ -	\$ -
Tetco Supply13	\$ -	\$ -	\$ -
Tetco Supply14	\$ -	\$ -	\$ -
Tetco Supply16	\$ 204,987.50	\$ 312,675.00	\$ 366,342.50
Tetco Supply17	\$ -	\$ -	\$ -
Tetco Supply18	\$ -	\$ -	\$ -
Tetco Supply19	\$ -	\$ -	\$ -
Tetco Supply20	\$ -	\$ -	\$ -
Tetco Supply21	\$ -	\$ -	\$ -
Tetco Supply22	\$ -	\$ -	\$ -
Tetco Supply23	\$ -	\$ -	\$ -
Tetco Supply24	\$ 881,885.00	\$ -	\$ 243,875.00
Tetco Supply25	\$ -	\$ -	\$ -
Tetco Supply26	\$ 204,987.50	\$ 2,212,650.00	\$ 2,111,207.50
Tetco Supply27	\$ -	\$ -	\$ -
Tetco Supply28	\$ 409,200.00	\$ 312,675.00	\$ 346,967.50
Tetco Supply29	\$ -	\$ -	\$ -
Tetco Supply30	\$ -	\$ -	\$ -
Tetco Supply31	\$ -	\$ -	\$ -
Tetco Supply32	\$ -	\$ -	\$ -
Tetco Supply33	\$ -	\$ -	\$ 651,918.84
Tetco Supply34	\$ -	\$ -	\$ 291,117.90
Tetco Supply35	\$ -	\$ -	\$ 316,200.00
Tetco Supply36	\$ -	\$ -	\$ 65,175.00
<b>Total Costs</b>	<b>\$ 12,852,434</b>	<b>\$ 18,136,680</b>	<b>\$ 20,575,607</b>
Sharing Mechanism	\$ 33,534	\$ 303,782	\$ 313,908
Asset Management Agreement	\$ -	\$ -	\$ -
Off System Sales	\$ -	\$ -	\$ -
Gas Transportation Purchases	\$ -	\$ -	\$ -
Adjustment/Reconciliation	\$ 337,649	\$ 1,177,995	\$ (66,844)
<b>Total Natural Gas Billed</b>	<b>\$ 13,223,616</b>	<b>\$ 19,618,458</b>	<b>\$ 20,822,671</b>

**Philadelphia Gas Works  
Summary of Fuels Purchased  
Three Months Ending December 2019**

	Actual				Projected 4th Qtr Filing Oct-19	Projected 1st Qtr Filing Nov-19	Projected 1st Qtr Filing Dec-19	Total	Actual Over/Under vs Projected			
	Oct-19	Nov-19	Dec-19	Total					Oct-19	Nov-19	Dec-19	Total
<b>Total Natural Gas Billed</b>	\$ 13,223,616	\$ 19,618,456	\$ 20,822,671	\$ 53,864,743	\$ 17,046,346	\$ 17,810,188	\$ 19,031,897	\$ 53,888,431	\$ (3,822,732)	\$ 1,808,270	\$ 1,790,774	\$ (223,688)
<b>Less Imbalance Charge</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Less Interruptible Credit</b>	\$ 699,482	\$ 420,605	\$ (2,736)	\$ 1,117,351	\$ 124,595	\$ 19,204	\$ 20,204	\$ 184,003	\$ 574,887	\$ 401,401	\$ (22,940)	\$ 953,348
<b>Gas Used For Utility</b>	\$ 13,486	\$ 43,838	\$ 81,040	\$ 138,366	\$ 25,249	\$ 54,398	\$ 100,489	\$ 180,135	\$ (11,761)	\$ (10,558)	\$ (19,449)	\$ (41,769)
	\$ 12,510,646	\$ 19,154,013	\$ 20,744,367	\$ 52,409,026	\$ 16,896,503	\$ 17,736,586	\$ 18,911,204	\$ 53,544,293	\$ (4,385,857)	\$ 1,417,427	\$ 1,833,163	\$ (1,135,267)
<b>Pipeline Storages</b>												
(To)	\$ (2,089,745)	\$ (1,550,733)	\$ (834,233)	\$ (4,474,711)	\$ (4,930,994)	\$ (2,283,273)	\$ (51,843)	\$ (7,268,110)	\$ 2,841,249	\$ 732,540	\$ (782,390)	\$ 2,791,399
From	\$ 533,788	\$ 2,289,005	\$ 4,150,360	\$ 6,973,153	\$ -	\$ 894,021	\$ 7,114,297	\$ 8,008,318	\$ 533,788	\$ 1,394,984	\$ (2,963,937)	\$ (1,035,165)
<b>Net Pipeline Storages</b>	\$ (1,555,957)	\$ 738,272	\$ 3,316,127	\$ 2,498,442	\$ (4,930,994)	\$ (1,389,252)	\$ 7,062,454	\$ 742,208	\$ 3,375,037	\$ 2,127,524	\$ (3,748,327)	\$ 1,756,234
<b>LNG Storage</b>												
(To)	\$ (221,491)	\$ (1,321,310)	\$ (1,165,305)	\$ (2,708,106)	\$ (382,697)	\$ (966,702)	\$ (876,827)	\$ (2,226,226)	\$ 181,206	\$ (354,608)	\$ (288,478)	\$ (481,880)
From	\$ 388,377	\$ 327,424	\$ 406,088	\$ 1,121,889	\$ 238,803	\$ 253,228	\$ 920,470	\$ 1,412,501	\$ 149,574	\$ 74,196	\$ (514,382)	\$ (290,612)
<b>Net LNG Storage</b>	\$ 166,886	\$ (993,886)	\$ (759,217)	\$ (1,586,217)	\$ (143,894)	\$ (713,474)	\$ 43,643	\$ (813,725)	\$ 310,780	\$ (280,412)	\$ (802,860)	\$ (772,492)
<b>Net Natural Gas</b>	\$ 11,121,575	\$ 18,898,399	\$ 23,301,277	\$ 53,321,251	\$ 11,821,615.14	\$ 15,633,860	\$ 26,017,301	\$ 53,472,776	\$ (700,040)	\$ 3,264,539	\$ (2,716,024)	\$ (151,525)
<b>APPLICABLE GCR EXPENSES</b>												
<b>Net Natural Gas Expense</b>	\$ 11,121,575	\$ 18,898,399	\$ 23,301,277	\$ 53,321,251	\$ 11,821,615	\$ 15,633,860	\$ 26,017,301	\$ 53,472,776	\$ (700,040)	\$ 3,264,539	\$ (2,716,024)	\$ (151,525)
<b>Purchased Electric &amp; Misc</b>	\$ 31,019	\$ 35,425	\$ 47,016	\$ 113,460	\$ 31,955	\$ 44,299	\$ 54,208	\$ 130,463	\$ (936)	\$ (6,874)	\$ (7,192)	\$ (17,003)
<b>Total GCR Expenses</b>	\$ 11,152,594	\$ 18,933,824	\$ 23,348,293	\$ 53,434,711	\$ 11,853,570	\$ 15,678,159	\$ 26,071,509	\$ 53,603,238	\$ (700,976)	\$ 3,255,665	\$ (2,723,216)	\$ (168,527)

**CERTIFICATE OF SERVICE**

I hereby certify that this day I served a copy of PGW's Tariff Supplements and Supporting Schedules upon the persons listed below in the manner indicated in accordance with the requirements of 52 Pa. Code Section 1.54.

**Via First Class Mail and/or Email Only**

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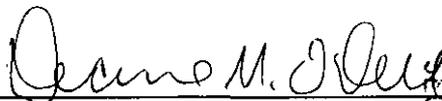
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Deanne M. O'Dell, Esq.

Dated: February 28, 2020

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PA PUC  
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FRONT DESK