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August 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 (4th Quarter 2018-2019 GCR Filing)
R-2018-2645938; and
Pa. PUC v. Philadelphia Gas Works (2019-2020 GCR Compliance Tariffs)
R-2019-3007636

Dear Secretary Chiavetta:

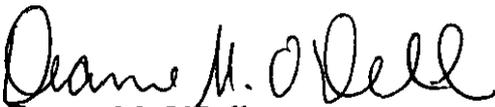
Enclosed please find the following tariff supplements and supporting schedules:

- 1) PGW Gas Service Tariff, Pa. P.U.C. No. 2 Supplement No. 124;
- 2) PGW Gas Supplier Tariff, Pa. P.U.C. No. 1, Supplement No. 83.

These supplements are being filed to implement PGW's 4th Quarter 2018-2019 Gas Cost Rate ("GCR") and PGW's compliance 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 September 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, VP Legal & Associate General Counsel, PGW
Marissa Boyle (maboyle@pa.gov)

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

Supplement No. 124

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**PA PUBLIC UTILITY COMMISSION
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PHILADELPHIA GAS WORKS

GAS SERVICE TARIFF

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PA PUBLIC UTILITY COMMISSION
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Issued by: Craig White
President and CEO

PHILADELPHIA GAS WORKS
800 West Montgomery Avenue
Philadelphia, PA 19122

List of Changes Made by this Tariff Supplement

TABLE OF CONTENTS (PAGE Nos. 6-7)

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

GAS COST RATE (GCR) – SECTION 1307f, II DEFINITIONS (PAGE Nos. 67)

In the definition of "GAC," the GAC value effective September 1, 2019, increases from (\$0.00737) to \$0.00206 per Ccf.

GAS COST RATE (GCR) – SECTION 1307f, II DEFINITIONS (PAGE Nos. 67A)

In the definition of "IRC," the IRC value effective September 1, 2019, decreases from \$0.00040 to \$0.00036 per Ccf. In the definition of "SSC," the SSC value effective September 1, 2019, increases from \$0.43501 to \$0.45860 per Ccf.

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

The Gas Cost Rate (GCR) effective September 1, 2019 increases from \$0.42724 per Ccf to \$0.46030 per Ccf.

PRICE TO COMPARE (PAGE No. 78)

The Prices to Compare effective September 1, 2019 are: a) \$0.48197 per Ccf for Residential (GS-RES); b) \$.46466 per Ccf for Public Housing Customers (GS-PH); (c) \$0.46751 for Commercial (GS-COM); (d) \$0.46466 for Industrial (GS-IND); (e) \$0.46466 for Municipal Service (MS); (f) \$0.46466 for Philadelphia Housing Authority (PHA); and, (g) \$0.46466 for Natural Gas Vehicle Service (NGVS).

RESTRUCTURING AND CONSUMER EDUCATION SURCHARGE (PAGE No. 79)

The Restructuring and Consumer Education Surcharge effective September 1, 2019 is \$0.00043 per Ccf.

EFFICIENCY COST RECOVERY SURCHARGE (PAGE No. 80)

The Efficiency Cost Recovery Surcharge rates effective September 1, 2019 are: a) \$0.00166 per Ccf for Residential and Public Housing Customers on Rate GS; b) \$0.00552 per Ccf for Commercial Customers on Rate GS; c) \$(0.00150) per Ccf for Industrial Customers on Rate GS; and, d) \$0.00552 per Ccf for The Philadelphia Housing Authority on Rate PHA.

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

Language added in paragraph 1 to update current (and prior) program names for Low Income Usage Reduction Program and to include the costs of the pilot Conservation Incentive Credit program in the surcharge. The Universal Service and Energy Conservation Surcharge effective September 1, 2019 decreases from \$0.13014 per Ccf to \$0.12195 per Ccf.

OTHER POST EMPLOYMENT BENEFIT ("OPEB") SURCHARGE (PAGE No. 82)

The Other Post Employment Benefit Rider Surcharge effective September 1, 2019 increases from \$0.03094 per Ccf to \$0.03362 per Ccf.

GENERAL SERVICE – RATE GS (PAGE No. 83)

The Gas Cost Rate (GCR) effective September 1, 2019 increases from \$0.42724 per Ccf to \$0.46030 per Ccf.

MUNICIPAL SERVICE – RATE MS (PAGE No. 87)

The Gas Cost Rate (GCR) effective September 1, 2019 increases from \$0.42724 per Ccf to \$0.46030 per Ccf.

PHILADELPHIA GAS WORKS

PHILADELPHIA HOUSING AUTHORITY SERVICE – RATE PHA (PAGE No. 90)

The Gas Cost Rate (GCR) effective September 1, 2019 increases from \$0.42724 per Ccf to \$0.46030 per Ccf.

DEVELOPMENTAL NATURAL GAS VEHICLE SVC - RATE NGVS FIRM SERVICE (Page No. 135)

The Gas Cost Rate (GCR) effective September 1, 2019 increases from \$0.42724 per Ccf to \$0.46030 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 \$0.00735 per Ccf for Commodity Costs and (\$0.00529) per Ccf for Demand Costs, for service on or after September 1, 2019. The total GAC is \$0.00206 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

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IRC - Interruptible Revenue Credit - The credit defined in Subsection VI below. The currently effective IRC is \$0.00036 per Ccf for service on or after September 1, 2019. (D)

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

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

SSC - Sales Service Charge - The purchased Gas costs determined to the nearest $\frac{1}{100}$ of a cent (\$0.0001). The currently effective SSC is \$0.27035 per Ccf for Commodity Costs and \$0.18825 per Ccf for Demand Costs, for service on or after September 1, 2019. The total SSC is \$0.45860 per Ccf. (I)

(D) – Decrease (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 \$0.46030 per Ccf, for service on or after September 1, 2019. (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	\$0.45860	\$0.45860	\$0.45860	\$0.45860	\$0.45860	\$0.45860	\$0.45860
GAC	\$0.00206	\$0.00206	\$0.00206	\$0.00206	\$0.00206	\$0.00206	\$0.00206
MFC	\$0.01731	\$0.00000	\$0.00285	\$0.00180	\$0.00000	\$0.00000	\$0.00000
GPC	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400
PTC	\$0.48197	\$0.46466	\$0.46751	\$0.46646	\$0.46466	\$0.46466	\$0.46466

(C)

(C) – Change

RESTRUCTURING AND CONSUMER EDUCATION SURCHARGE

Non-Gas restructuring and consumer education costs, including the costs arising from implementation and administration of the Account Number Access Mechanism as specified in the Commission's Final Order entered on October 27, 2016, at Docket No. M-2015-2468991, will be recovered by a Restructuring and Consumer Education Surcharge applicable to all volumes of Gas delivered.

1. Computation of the Restructuring and Consumer Education Surcharge factors will be in accordance with the automatic adjustment procedures utilized under Section 1307 of the Public Utility Code and will be filed and approved in conjunction with the Company's annual Section 1307(f)-GCR filing.
2. Restructuring and Consumer Education costs recovered through the Surcharge mechanism are the Commission approved costs which the Company has or will incur to meet the requirements of the Natural Choice and Competition Act and applicable Commission regulations, orders and other regulatory requirements, other than those costs pertaining to universal service and energy conservation programs.
3. Once the surcharge is in place, PGW shall file reconciliation statements quarterly and shall submit a claim for over/under recovery on an annual basis, at the same time it submits its projected Restructuring costs and Restructuring Surcharge claim for the next year; provided however, that if a project for which costs were included in the Restructuring Surcharge is cancelled or delayed beyond the year in which the cost was originally scheduled to be incurred, the Company will withdraw the projected costs of that project from the Restructuring Surcharge in its next quarterly update. No interest will be included in such surcharge computations. The basic component of the surcharge will be determined by dividing the restructuring and consumer education costs approved for annual recovery by the estimated applicable throughput in Mcf.
4. The Restructuring and Consumer Education Surcharge shall remain in effect until restructuring and consumer education costs have been collected or as otherwise directed by the Commission.
5. The Restructuring and Consumer Education Surcharge is effective on and after September 1, 2008.

Current Restructuring and Consumer Education Surcharge = \$0.00043/Ccf

(I)

(I) - Increase

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) \$0.00166 per Ccf for Residential and Public Housing Customers on Rate GS; | (I) |
| b) \$0.00552 per Ccf for Commercial Customers on Rate GS; | (D) |
| c) \$(0.00150) per Ccf for Industrial Customers on Rate GS; | (I) |
| d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and | (NC) |
| e) \$0.00552 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 = \$ 0.12195/Ccf.

(D)

(D) - Decrease

OTHER POST EMPLOYMENT BENEFIT (“OPEB”) SURCHARGE

The amounts necessary to fund PGW’s Other Post Employment Benefit obligations will be recovered by an Other Post Employment Benefit Surcharge applicable to all volumes of Gas delivered.

1. Computation of the Other Post Employment Benefit Rider 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.
2. Once the surcharge is in place it will be automatically adjusted effective September 1 of each year to account for over (under) recoveries in accordance with Section 1307(f) adjustment procedures. No interest will be included in such surcharge computations. The basic component of the surcharge will be determined plus (or minus) any over (or under) recovery from the prior period by dividing the total OPEB funding amounts approved for annual recovery by the estimated applicable throughput in Mcfs.
3. The Other Post Employment Benefit Rider Surcharge shall take effect upon the effective date of this Tariff.

Current Other Post Employment Benefit Rider Surcharge = \$0.03362/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 September 1, 2019.

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):

\$0.46030	per Ccf for Residential and Public Housing	(I)
\$0.46030	per Ccf for Commercial Customers	(I)
\$0.46030	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 September 1, 2019.

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):

\$0.46030 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 September 1, 2019.

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):

\$0.46030 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
September 1, 2019.

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):

\$0.46030 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.

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PGW

Gas Supplier Tariff

Pa. P.U.C. No. 1

Supplement No. 83

PHILADELPHIA GAS WORKS

GAS SUPPLIER TARIFF

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SECRETARY'S BUREAU



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 September 1, 2019, is \$56.3670 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 \$56.3670 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. (l)

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.

(l) – Increase

Supporting Schedules

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**SEPTEMBER 1, 2019
4TH QUARTER GCR FILING**

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Philadelphia Gas Works

Levelized Gas Cost Rate

September 1, 2019

Formula:
GCR = SSC + GAC - IRC

where:

	<u>Demand</u>	<u>Commodity</u>	<u>Total</u>	
S = Firm Sales (Mcf)			41,634,215	Schedule 2

Net Natural Gas Expense	\$ 79,410,188	\$ 113,393,214	\$ 192,803,402	
Purchased Electric & Misc Expenses	\$ -	\$ 654,761	\$ 654,761	
C = Total Applicable GCR Expense	\$ 79,410,188	\$ 114,047,974	\$ 193,458,163	Schedule 3
SSC = C / S	\$ 1.9073	\$ 2.7393	\$ 4.6466	

Adjustment For:

E-Factor Volumes (Mcf)			41,634,215	
Interest	\$ (436,275)	\$ 725,887	\$ 289,612	Schedule 5(a)
E-Factor Reconciliation	\$ (1,657,053)	\$ 2,182,312	\$ 525,259	Schedule 4(b)(c)
	\$ (2,093,328)	\$ 2,908,199	\$ 814,871	
E = E-Factor	\$ (0.0503)	\$ 0.0699	\$ 0.0196	

Interruptible Revenue Credit			\$ 151,826	Schedule 10(a)
IRC = Interruptible Revenue Credit / S			\$ 0.0036	

Net Applicable GCR Expenses = C + E - Interruptible Revenue Credit			\$ 194,121,207	
<u>GCR = SSC + GAC - IRC</u>			\$ 4.6625	

SSC in effect 9/01/19	\$ 1.8825	\$ 2.7035	\$ 4.5860	
GAC in effect 9/01/19	\$ (0.0529)	\$ 0.0735	\$ 0.0206	
IRC in effect 9/01/19			\$ (0.0036)	
GCR in effect 9/01/19			\$ 4.6030	Schedule 7

Recovery Test on:

Firm Sales (Mcf)		41,634,215	
= GCR Projected Recovery	\$	191,498,469	
= Load Balancing Revenue	\$	2,542,172	
= LNG Sales Demand Revenue	\$	85,829	
= Total Projected Recovery	\$	194,126,470	Schedule 7
Compared To			
Net Applicable GCR Expenses	\$	194,121,207	
= Net Over/(Under) Recovery	\$	5,263	

Degree Days		3,956	
-------------	--	-------	--

Philadelphia Gas Works

Price To Compare (\$ / MCF)

September 1, 2019

	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	\$4.6030	\$0.0170	\$4.5860	3.76%	\$0.1731	\$0.0400	\$0.0206	\$4.8197
Commercial GS	\$4.6030	\$0.0170	\$4.5860	0.62%	\$0.0285	\$0.0400	\$0.0206	\$4.6751
Industrial GS	\$4.6030	\$0.0170	\$4.5860	0.39%	\$0.0180	\$0.0400	\$0.0206	\$4.6646
Phila. Housing Authority (PHA)	\$4.6030	\$0.0170	\$4.5860	0.00%	\$0.0000	\$0.0400	\$0.0206	\$4.6466
Municipal (MS)	\$4.6030	\$0.0170	\$4.5860	0.00%	\$0.0000	\$0.0400	\$0.0206	\$4.6466
NGV Firm	\$4.6030	\$0.0170	\$4.5860	0.00%	\$0.0000	\$0.0400	\$0.0206	\$4.6466
Phila. Housing Authority (GS)	\$4.6030	\$0.0170	\$4.5860	0.00%	\$0.0000	\$0.0400	\$0.0206	\$4.6466

SALES & VOLUMES

SEPTEMBER 2019 THROUGH AUGUST 2020

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)
SEPTEMBER 2019	1,095,902	179,770	916,132	42,004	3,750	314	870,065	2,746	1,047,088
OCTOBER	1,537,760	264,815	1,272,946	43,404	3,750	166	1,225,626	4,089	1,486,352
NOVEMBER	3,222,960	472,335	2,750,625	42,004	3,750	-	2,704,871	10,730	3,166,476
DECEMBER	5,825,650	803,217	5,022,433	43,404	3,750	-	4,975,279	20,535	5,757,960
JANUARY 2020	10,538,249	1,283,988	9,254,261	43,404	3,750	-	9,207,107	39,130	10,451,985
FEBRUARY	8,908,033	1,086,627	7,821,406	40,604	3,750	-	7,777,052	32,372	8,831,307
MARCH	7,086,833	871,184	6,215,649	43,404	3,750	-	6,168,495	25,015	7,014,664
APRIL	4,582,266	548,641	4,033,625	42,004	3,750	-	3,987,871	15,727	4,520,785
MAY	2,062,003	279,527	1,782,476	43,404	3,750	-	1,735,322	6,016	2,008,832
JUNE	1,362,331	217,638	1,144,692	42,004	3,750	75	1,098,863	3,115	1,313,387
JULY	1,232,648	201,032	1,031,617	43,404	3,750	364	984,099	2,690	1,182,441
AUGUST	<u>1,131,933</u>	<u>184,524</u>	<u>947,409</u>	<u>43,404</u>	<u>3,750</u>	<u>690</u>	<u>899,565</u>	<u>2,432</u>	<u>1,081,657</u>
TOTAL	48,586,587	6,393,297	42,193,271	512,449	45,000	1,607	41,634,215	164,597	47,862,914

**Projected Applicable Fuel Expense
SUMMARY
FY 2018-2019 4th Quarter Filing**

	SEPTEMBER 2019	OCTOBER 2019	NOVEMBER 2019	DECEMBER 2019	JANUARY 2020	FEBRUARY 2020	MARCH 2020	APRIL 2020	MAY 2020	JUNE 2020	JULY 2020	AUGUST 2020	TOTAL
NATURAL GAS BILLED													
DEMAND CHARGE	\$8,476,940	\$8,461,125	\$8,692,792	\$8,892,245	\$8,891,108	\$8,912,114	\$8,838,805	\$8,468,047	\$8,443,273	\$8,465,810	\$8,441,035	\$8,439,898	\$78,410,188
COMMODITY CHARGE	\$8,094,383	\$10,695,223	\$10,632,180	\$11,738,738	\$11,665,069	\$11,027,815	\$8,749,254	\$10,772,739	\$9,683,904	\$8,080,495	\$7,971,643	\$8,102,964	\$117,324,424
TOTAL NATURAL GAS BILLED	\$14,570,333	\$17,046,348	\$17,324,982	\$18,630,981	\$18,556,175	\$17,939,930	\$15,588,059	\$17,240,786	\$16,327,177	\$14,546,305	\$14,412,678	\$14,542,860	\$196,734,613
INTERRUPTIBLE & A/C CREDIT	\$88,107	\$113,717	\$116,162	\$121,663	\$120,632	\$111,798	\$115,560	\$112,001	\$112,114	\$107,614	\$113,148	\$118,653	\$1,369,967
SENDOUT VOLUME IN MCF	43,581	44,871	43,259	44,700	44,700	41,817	44,700	43,269	44,700	43,336	45,075	45,411	529,409
DKT CONVERSION FACTOR	1.036	1.036	1.036	1.036	1.036	1.036	1.036	1.036	1.036	1.036	1.036	1.036	
PRICE \$/DKT	\$2.1729	\$2.4483	\$2.6697	\$2.6250	\$2.6027	\$2.6806	\$2.4964	\$2.4991	\$2.4210	\$2.3970	\$2.4230	\$2.5221	
GAS USED FOR UTILITY	\$22,601	\$26,249	\$61,963	\$102,194	\$156,793	\$103,202	\$82,548	\$61,862	\$22,001	\$22,613	\$21,062	\$28,092	\$710,171
NATURAL GAS TO STORAGE	(\$8,930,392)	(\$4,930,994)	\$0	\$0	\$0	\$0	\$0	(\$2,995,031)	(\$8,060,284)	(\$5,879,751)	(\$5,686,164)	(\$5,717,156)	(\$37,199,776)
FROM STORAGE PGW	\$0	\$0	\$495,014	\$8,204,820	\$11,706,488	\$9,132,041	\$6,808,877	\$285,060	\$0	\$0	\$0	\$0	\$36,631,301
FT FROM STORAGE	\$0	\$0	\$18,050	\$495,337	\$763,326	\$505,212	\$173,833	\$6,546	\$0	\$0	\$0	\$0	\$1,962,304
NET NATURAL GAS STORAGE	(\$8,930,392)	(\$4,930,994)	\$495,014	\$8,204,820	\$11,706,488	\$9,132,041	\$6,808,877	(\$2,709,971)	(\$8,060,284)	(\$5,879,751)	(\$5,686,164)	(\$5,717,156)	(\$666,476)
LNG TO STORAGE	(\$7,562)	(\$382,697)	(\$899,066)	(\$962,912)	(\$983,161)	(\$911,100)	(\$1,011,330)	(\$621,718)	(\$264,725)	(\$14,836)	\$0	\$0	(\$6,078,117)
FROM LNG PGW	\$232,132	\$238,803	\$236,018	\$762,706	\$1,210,781	\$790,607	\$265,120	\$234,846	\$241,441	\$233,704	\$241,111	\$241,111	\$4,917,682
FT FROM LNG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
NET LNG STORAGE	\$224,670	(\$143,894)	(\$664,068)	(\$210,206)	\$227,630	(\$120,193)	(\$746,210)	(\$386,872)	(\$43,284)	\$218,869	\$241,111	\$241,111	(\$1,161,436)
LNG SALES FROM LNG TANK	\$10,878	\$10,878	\$10,828	\$10,827	\$10,800	\$10,879	\$11,024	\$11,024	\$10,976	\$10,950	\$10,949	\$10,949	\$131,162
SENDOUT VOLUMES (MCF)	3,760	3,760	3,760	3,760	3,760	3,760	3,760	3,760	3,760	3,760	3,760	3,760	45,000
@ AVG LNG COMMODITY RATE	\$2.9009	\$2.9007	\$2.8875	\$2.8872	\$2.9066	\$2.9277	\$2.9398	\$2.9398	\$2.9270	\$2.9201	\$2.9197	\$2.9197	
NET NATURAL GAS EXPENSE	\$9,732,924	\$11,821,616	\$16,967,975	\$26,391,011	\$30,201,070	\$26,725,600	\$21,439,594	\$13,959,066	\$10,078,617	\$8,764,244	\$8,822,466	\$8,909,119	\$192,803,402
APPLICABLE GCR EXPENSE													
NET NATURAL GAS EXPENSE	\$9,732,924	\$11,821,616	\$16,967,975	\$26,391,011	\$30,201,070	\$26,725,600	\$21,439,594	\$13,959,066	\$10,078,617	\$8,764,244	\$8,822,466	\$8,909,119	\$192,803,402
PURCHASED ELECTRIC & MISC PLANALYTICS	\$31,659	\$31,955	\$44,299	\$54,208	\$70,713	\$56,501	\$54,723	\$50,085	\$36,644	\$34,051	\$32,814	\$32,108	\$529,781
	\$0	\$0	\$0	\$0	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$125,000
TOTAL APPLICABLE EXPENSES	\$9,764,684	\$11,853,670	\$17,012,275	\$26,445,219	\$30,396,783	\$26,782,302	\$21,494,317	\$14,009,150	\$10,115,160	\$8,798,295	\$8,855,280	\$8,941,227	\$193,458,163
TOTAL GCR FIRM SALES	870,065	1,225,626	2,704,871	4,976,279	9,207,107	7,777,052	6,168,495	3,987,871	1,735,322	1,089,663	984,089	899,565	41,634,216

**ACTUAL / ESTIMATED DATA - FISCAL YEAR 2019
PHILADELPHIA GAS WORKS**

Rate	7/1/2018	Split Month 9/1/2018	10/1/2018	Split Month 12/1/2018	1/1/2019	Split Month 3/1/2019	4/1/2019	Split Month 6/1/2019	7/1/2019
BSC in Effect	\$ 3.6317	\$ 3.8931	\$ 4.1644	\$ 4.4303	\$ 4.7062	\$ 4.8402	\$ 4.9742	\$ 4.8822	\$ 4.3601
GAC in Effect	\$ (0.0091)	\$ (0.1493)	\$ (0.2894)	\$ (0.2671)	\$ (0.2247)	\$ (0.1676)	\$ (0.0904)	\$ (0.0821)	\$ (0.0737)
IRC in Effect	\$ (0.0018)	\$ (0.0017)	\$ (0.0017)	\$ (0.0065)	\$ (0.0092)	\$ (0.0076)	\$ (0.0059)	\$ (0.0050)	\$ (0.0040)
Total Effective	\$ 3.6210	\$ 3.7422	\$ 3.8633	\$ 4.1678	\$ 4.4723	\$ 4.6751	\$ 4.8779	\$ 4.6752	\$ 4.2724
Percentage of Total									
C-Factor	100.3%	104.0%	107.6%	108.3%	108.2%	103.6%	102.0%	101.8%	101.8%
E-Factor	-0.3%	-4.0%	-7.6%	-6.2%	-6.0%	-3.4%	-1.9%	-1.8%	-1.7%
IRC-Factor	0.0%	0.0%	0.0%	-0.1%	-0.2%	-0.2%	-0.1%	-0.1%	-0.1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

C-Factor									
Demand Charge in Effect	\$ 0.8836	\$ 1.0108	\$ 1.1382	\$ 1.3601	\$ 1.6221	\$ 1.4761	\$ 1.3300	\$ 1.3374	\$ 1.3448
Commodity in Effect	\$ 2.7482	\$ 2.8922	\$ 3.0162	\$ 3.0502	\$ 3.0841	\$ 3.3942	\$ 3.6442	\$ 3.3321	\$ 3.0199
	\$ 3.6317	\$ 3.8930	\$ 4.1644	\$ 4.4303	\$ 4.7062	\$ 4.8402	\$ 4.9742	\$ 4.6696	\$ 4.3647

Percentage of Total									
Demand Charge in Effect	24.3%	26.0%	27.4%	31.2%	34.6%	30.6%	28.7%	28.6%	30.8%
Commodity in Effect	76.7%	74.0%	72.6%	68.6%	65.6%	69.6%	71.3%	71.4%	69.2%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Fiscal Year 2018 E-Factor	C-Factor Over/Under	E-Factor Over/Under	Interest Over/Under	FY 2018 Final E-Factor
\$ 10,484,734	\$ 379,812	\$ 671,436	\$ 11,436,982	

Actual Fiscal Year 2018-2019	Sep-2018 Actual	Oct-2018 Actual	Nov-2018 Actual	Dec-2018 Actual	Jan-2019 Actual	Feb-2019 Actual	Mar-2019 Actual	Apr-2019 Actual	May-2019 Actual	Jun-2019 Actual	Jul-2019 Actual	Aug-2019 Estimated	FY-2019 Total
GCR Firm Sales	\$28,526	1,244,685	3,698,101	6,380,788	7,770,814	8,247,721	6,730,403	3,661,708	1,568,694	1,156,829	916,481	910,418	43,304,167
GCR Revenue Billed	\$ 3,508,081	\$ 4,806,212	\$ 14,283,132	\$ 26,740,211	\$ 34,724,140	\$ 38,895,636	\$ 31,669,890	\$ 17,799,660	\$ 8,136,221	\$ 6,326,818	\$ 3,930,446	\$ 3,869,669	\$ 191,698,267
Migration Rider Revenue Billed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Load Balancing Billed	\$ 116,414	\$ 111,261	\$ 113,201	\$ 132,144	\$ 138,673	\$ 138,638	\$ 143,923	\$ 196,309	\$ 198,928	\$ 202,902	\$ 202,716	\$ 206,626	\$ 1,902,637
LNG Sales Demand Charge Credit	\$ 854	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,232	\$ -	\$ -	\$ -	\$ -	\$ 12,298	\$ 16,384
Total Revenue Billed	\$ 3,625,329	\$ 4,917,473	\$ 14,396,333	\$ 26,872,355	\$ 34,862,813	\$ 37,034,376	\$ 31,806,046	\$ 17,994,969	\$ 8,335,149	\$ 6,529,720	\$ 4,133,161	\$ 4,108,695	\$ 193,616,307
Natural Gas Refunds	\$ -	\$ 2,638	\$ 210	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 417	\$ -	\$ 3,463	\$ -	\$ 6,728
Demand Charges	\$ 4,826,933	\$ 4,889,826	\$ 3,987,485	\$ 3,966,648	\$ 3,964,766	\$ 3,863,160	\$ 4,923,422	\$ 6,880,664	\$ 6,761,613	\$ 6,998,060	\$ 7,090,490	\$ 6,607,603	\$ 62,828,360
Supply Charges	\$ 1,979,702	\$ 7,004,906	\$ 18,822,278	\$ 27,771,827	\$ 30,273,631	\$ 21,832,903	\$ 18,468,863	\$ 6,393,368	\$ 4,092,830	\$ 2,702,691	\$ 1,760,737	\$ 2,051,921	\$ 143,243,763
Net Cost of Fuel	\$ 6,806,636	\$ 11,894,731	\$ 22,789,760	\$ 31,738,376	\$ 34,238,287	\$ 26,786,063	\$ 23,390,286	\$ 12,274,022	\$ 9,844,343	\$ 9,698,961	\$ 8,841,227	\$ 8,669,424	\$ 206,872,103

*Revised

Schedule 4(a)

**FISCAL YEAR 2019
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	3	4 = (2 * 3)	5	6	7 = (4 + 5 + 6)	8	9 = (7 + 8 - 1)	10
	(\$)	(\$)		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 2018	6,808,635	3,508,061	104.0%	3,647,441	118,414	854	3,766,708	0	(3,039,927)	(3,039,927)
OCTOBER	11,894,731	4,806,212	107.5%	5,168,361	111,261	0	5,279,622	2,838	(6,612,471)	(9,652,398)
NOVEMBER	22,789,780	14,283,132	107.5%	15,359,367	113,201	0	15,472,568	210	(7,316,982)	(16,969,380)
DECEMBER	31,738,375	26,740,211	106.3%	28,424,386	132,144	0	28,556,531	0	(3,181,844)	(20,151,224)
JANUARY 2019	34,238,287	34,724,140	105.2%	36,540,203	138,673	0	36,678,876	0	2,440,589	(17,710,635)
FEBRUARY	25,796,063	36,895,838	105.2%	38,825,478	138,538	0	38,964,016	0	13,167,953	(4,542,682)
MARCH	23,390,285	31,659,890	103.5%	32,777,952	143,923	2,232	32,924,108	0	9,533,821	4,991,140
APRIL	12,274,022	17,799,650	102.0%	18,151,053	195,309	0	18,346,362	0	6,072,340	11,063,480
MAY	9,844,343	8,136,221	102.0%	8,296,847	198,928	0	8,495,775	417	(1,348,151)	9,715,328
JUNE	9,698,951	5,326,818	101.9%	5,428,112	202,902	0	5,631,013	0	(4,067,938)	5,647,391
JULY	8,841,227	3,930,445	101.8%	4,001,927	202,718	0	4,204,642	3,463	(4,633,122)	1,014,269
AUGUST	<u>8,559,424</u>	<u>3,889,689</u>	101.8%	<u>3,980,408</u>	<u>206,628</u>	<u>12,298</u>	<u>4,179,334</u>	<u>0</u>	<u>(4,380,090)</u>	<u>(3,365,821)</u>
Total	205,872,103	191,698,287		200,581,533	1,902,637	15,384	202,499,554	6,728	(3,365,821)	

**FISCAL YEAR 2019
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							\$ 11,435,982
MONTH							
SEPTEMBER 2018	Actual	928,526	928,526	\$ 3,506,061	-4.0%	\$ (139,834)	\$ 11,296,148
OCTOBER	Actual	1,244,665	1,244,665	\$ 4,806,212	-7.5%	\$ (360,034)	\$ 10,936,115
NOVEMBER	Actual	3,698,101	3,698,101	\$ 14,283,132	-7.5%	\$ (1,069,950)	\$ 9,866,165
DECEMBER	Actual	6,380,788	6,380,788	\$ 26,740,211	-6.2%	\$ (1,649,209)	\$ 8,216,956
JANUARY 2019	Actual	7,770,814	7,770,814	\$ 34,724,140	-5.0%	\$ (1,744,631)	\$ 6,472,325
FEBRUARY	Actual	8,247,721	8,247,721	\$ 36,895,836	-5.0%	\$ (1,853,743)	\$ 4,618,582
MARCH	Actual	6,730,403	6,730,403	\$ 31,859,890	-3.4%	\$ (1,066,932)	\$ 3,551,649
APRIL	Actual	3,651,708	3,651,708	\$ 17,799,650	-1.9%	\$ (329,873)	\$ 3,221,776
MAY	Actual	1,668,694	1,668,694	\$ 8,136,221	-1.9%	\$ (150,785)	\$ 3,070,991
JUNE	Actual	1,156,829	1,156,829	\$ 5,326,818	-1.8%	\$ (95,530)	\$ 2,975,461
JULY	Actual	915,491	915,491	\$ 3,930,445	-1.7%	\$ (67,801)	\$ 2,907,660
AUGUST	Estimated	910,418	910,418	\$ 3,889,669	-1.7%	\$ (67,098)	\$ 2,840,562
		43,304,157	43,304,157	191,698,287		\$ (8,595,420)	

**FISCAL YEAR 2019
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 2018	3,506,061	-0.04%	(1,546)
OCTOBER	4,806,212	-0.04%	(2,115)
NOVEMBER	14,283,132	-0.04%	(6,285)
DECEMBER	26,740,211	-0.13%	(34,967)
JANUARY 2019	34,724,140	-0.21%	(71,431)
FEBRUARY	36,895,836	-0.21%	(75,899)
MARCH	31,659,890	-0.16%	(51,129)
APRIL	17,799,650	-0.12%	(21,529)
MAY	8,136,221	-0.12%	(9,841)
JUNE	5,326,818	-0.11%	(5,763)
JULY	3,930,445	-0.09%	(3,680)
AUGUST	<u>3,889,669</u>	-0.09%	<u>(3,642)</u>
TOTALS	191,698,287		(287,827)

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**FISCAL YEAR 2019
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 2018	4,707,666	938,578	(3,769,087)	(3,769,087)
OCTOBER	4,778,565	1,416,618	(3,361,947)	(7,131,035)
NOVEMBER	3,854,284	4,209,001	354,716	(6,776,318)
DECEMBER	3,834,404	8,806,291	4,971,887	(1,804,431)
JANUARY 2019	3,826,083	12,605,037	8,778,954	6,974,524
FEBRUARY	3,724,622	13,378,628	9,654,007	16,628,530
MARCH	4,777,267	9,934,411	5,157,144	21,785,674
APRIL	5,685,345	4,856,772	(828,573)	20,957,101
MAY	5,552,585	2,219,363	(3,333,222)	17,623,879
JUNE	6,793,158	1,547,157	(5,246,001)	12,377,878
JULY	6,887,774	1,231,175	(5,656,600)	6,721,278
AUGUST	<u>6,288,577</u>	<u>1,224,352</u>	<u>(5,064,225)</u>	1,657,053
TOTALS	60,710,330	62,367,383	1,657,053	

**FISCAL YEAR 2019
PHILADELPHIA GAS WORKS
INTEREST CALCULATION**

MONTH	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)
	1	2	3 = (2 - 1)	4	5	6 = (3*4*5)	7	8 = (6+7)
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 18	8,806,635	3,766,708	(3,039,927)	5.50%	18/12	(250,794)	-	(250,794)
OCTOBER	11,894,731	5,279,622	(6,615,109)	5.50%	17/12	(515,427)	224	(515,203)
NOVEMBER	22,789,760	15,472,568	(7,317,192)	5.50%	16/12	(536,594)	17	(536,577)
DECEMBER	31,738,375	28,556,531	(3,181,844)	5.50%	15/12	(218,752)	-	(218,752)
JANUARY 19	34,238,287	36,678,876	2,440,589	5.50%	14/12	156,604	-	156,604
FEBRUARY	25,796,063	38,964,016	13,167,953	5.50%	13/12	784,591	-	784,591
MARCH	23,390,285	32,924,106	9,533,821	5.50%	12/12	524,360	-	524,360
APRIL	12,274,022	18,346,362	6,072,340	5.50%	11/12	306,147	-	306,147
MAY	9,844,343	8,495,775	(1,348,568)	5.50%	10/12	(61,809)	21	(61,788)
JUNE	9,698,951	5,631,013	(4,067,938)	5.50%	9/12	(167,802)	-	(167,802)
JULY	8,841,227	4,204,642	(4,636,585)	5.50%	8/12	(170,008)	139	(169,869)
AUGUST	8,559,424	4,179,334	(4,380,090)	5.50%	7/12	(140,528)	-	(140,528)
Total	205,872,103	202,499,554	(3,372,549)			(290,013)	401	(289,612)

(1) See Schedule 4(b)

(2) See Schedule 5(c)

**FISCAL YEAR 2019
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 18	0	6.00%	18/12	0
OCTOBER	2,638	6.00%	17/12	224
NOVEMBER	210	6.00%	16/12	17
DECEMBER	0	6.00%	15/12	0
JANUARY 19	0	6.00%	14/12	0
FEBRUARY	0	6.00%	13/12	0
MARCH	0	6.00%	12/12	0
APRIL	0	6.00%	11/12	0
MAY	417	6.00%	10/12	21
JUNE	0	6.00%	9/12	0
JULY	3,463	6.00%	8/12	139
AUGUST	0	6.00%	7/12	0
TOTAL	6,728			401

**FISCAL YEAR 2019
PHILADELPHIA GAS WORKS
DEMAND AND COMMODITY INTEREST CALCULATION**

MONTH	OVER/(UNDER)	DEMAND CHARGE	COMMODITY CHARGE	INTEREST	TIME	DEMAND	COMMODITY	TOTAL	INTEREST ON	TOTAL		
	RECOVERY (1)	OVER/(UNDER)	OVER/(UNDER)			INTEREST	INTEREST	INTEREST			REFUNDS (3)	INTEREST
	1	RECOVERY (2)	RECOVERY			4	5	6=(2*4*5)			7=(3*4*5)	8=(6+7)
	(\$)	(\$)	(\$)			(\$)	(\$)	(\$)	(\$)	(\$)		
SEPTEMBER 18	(3,039,927)	(3,769,087)	729,161	5.50%	18/12	(310,950)	60,156	(250,794)	0	(250,794)		
OCTOBER	(6,615,109)	(3,381,947)	(3,253,162)	5.50%	17/12	(261,952)	(253,476)	(515,427)	224	(515,203)		
NOVEMBER	(7,317,192)	354,716	(7,671,908)	5.50%	16/12	26,013	(562,607)	(536,594)	17	(536,577)		
DECEMBER	(3,181,844)	4,971,887	(8,153,732)	5.50%	15/12	341,817	(560,569)	(218,752)	0	(218,752)		
JANUARY 19	2,440,589	8,778,954	(6,338,366)	5.50%	14/12	583,316	(406,712)	156,604	0	156,604		
FEBRUARY	13,167,953	9,654,007	3,513,947	5.50%	13/12	575,218	209,373	784,591	0	784,591		
MARCH	9,533,821	5,157,144	4,376,678	5.50%	12/12	283,643	240,717	524,360	0	524,360		
APRIL	6,072,340	(828,573)	6,900,913	5.50%	11/12	(41,774)	347,921	306,147	0	306,147		
MAY	(1,348,568)	(3,333,222)	1,984,654	5.50%	10/12	(152,773)	90,963	(61,809)	21	(61,788)		
JUNE	(4,067,938)	(5,248,001)	1,178,063	5.50%	9/12	(216,398)	48,595	(167,802)	0	(167,802)		
JULY	(4,636,585)	(5,656,600)	1,020,015	5.50%	8/12	(207,409)	37,401	(170,008)	139	(169,869)		
AUGUST	(4,380,090)	(5,064,225)	684,135	5.50%	7/12	(162,477)	21,949	(140,528)	0	(140,528)		
TOTAL FY 2019	(3,372,549)	1,657,053	(5,029,602)			436,275	(726,288)	(290,013)	401	(289,612)		

**PHILADELPHIA GAS WORKS
LOAD BALANCING CHARGE
SEPTEMBER 1, 2019**

Storage and Peaking Asset Cost	\$ 22,441,062
Design Day Requirements (Mcf)	695,932
Fulfilled from FT Capacity (Mcf)	<u>296,713</u>
Fulfilled from Storage and Peaking Assets (Excess Mcf)	399,219
Annual Storage and Peaking Cost per Excess Mcf	\$ 56.2124
Per Mcf Over / (Under) Adjustment	\$ <u>(0.1546)</u>
Load Balancing Charge	\$ 56.3670

Over / (Under) Recovery	\$ (81,643)
Interest	\$ <u>(5,041)</u>
Total Over/(Under) Recovery	\$ (86,683)
Forecasted SSPC Volumes	560,688
Per Mcf Over / (Under) Adjustment	\$ (0.1546)

CALCULATION OF RECOVERED CHARGES
4th Qtr Filing
September 1, 2019

	<u>50% September</u>	<u>11.5 Months</u>	<u>Total</u>	
			(MCF)	(\$)
S - Firm Sales (Mcf)	435,032	41,199,182	41,634,215	
C-Factor	<u>\$ 4.3501</u>	<u>\$ 4.5860</u>		
Projected Recovery	1,892,434	188,939,451		\$ 190,831,885
S - Firm Sales (Mcf)	435,032	41,199,182	41,634,215	
IRC-Factor	<u>\$ (0.0040)</u>	<u>\$ (0.0036)</u>		
Projected Recovery	(1,740)	(148,317)		\$ (150,057)
E-Factor Volumes (Mcf)	435,032	41,199,182	41,634,215	
E-Factor	<u>\$ (0.0737)</u>	<u>\$ 0.0206</u>		
Projected Recovery	(32,062)	848,703		\$ 816,641
GCR (\$ / Mcf)	<u>\$ 4.2724</u>	<u>\$ 4.6030</u>		
<hr/>				
GCR Projected Recovery				\$ 191,498,469
Load Balancing Revenue				\$ 2,542,172
LNG Sales Demand Revenue				<u>\$ 85,829</u>
TOTAL PROJECTED RECOVERY				\$ 194,126,470

Change In Rates
4th Quarter Filing
Rates Effective September 1, 2019

Current Rates

	06/01/19 <u>Distribution Charge</u> (1)	06/01/19 <u>GCR</u> (2)	06/01/19 <u>MFC</u> (3)	06/01/19 <u>GPC</u> (4)	06/01/19 Commodity <u>Rate</u> (5)=(1)+(2)+(3)+(4)
Residential GS	\$8.3128	\$4.2724	\$0.1606	\$0.0400	\$12.7858
Commercial GS	\$6.5401	\$4.2724	\$0.0265	\$0.0400	\$10.8790
Industrial GS	\$6.3507	\$4.2724	\$0.0167	\$0.0400	\$10.6798
Phila.Housing Authority (PHA)	\$6.6913	\$4.2724	\$0.0000	\$0.0400	\$11.0037
Municipal (MS)	\$5.8831	\$4.2724	\$0.0000	\$0.0400	\$10.1955
Phila.Housing Authority (GS)	\$7.3266	\$4.2724	\$0.0000	\$0.0400	\$11.6390

September 1, 2019 - Distribution Charge

	Delivery <u>Delivery Charge</u> (6)	Surcharges			Restructuring & Consumer Education (10)	Total <u>Total Surcharges</u> (11)=(7)+(8)+(9)+(10)	Distribution Charge / Mcf (12)=(11)+(6)
		Other Post Employment Benefit (7)	Efficiency Cost Recovery (8)	Universal Service & Ener. Cons. (9)			
Residential GS	\$6.6967	\$0.3362	\$0.0166	\$1.2195	\$0.0043	\$1.5766	\$8.2733
Commercial GS	\$4.8651	\$0.3362	\$0.0552	\$1.2195	\$0.0043	\$1.6152	\$6.4803
Industrial GS	\$4.7698	\$0.3362	(\$0.0150)	\$1.2195	\$0.0043	\$1.5450	\$6.3148
Phila.Housing Authority (PHA)	\$5.0163	\$0.3362	\$0.0552	\$1.2195	\$0.0043	\$1.6152	\$6.6315
Municipal (MS)	\$4.2723	\$0.3362	\$0.0000	\$1.2195	\$0.0043	\$1.5600	\$5.8323
Phila.Housing Authority (GS)	\$5.7105	\$0.3362	\$0.0166	\$1.2195	\$0.0043	\$1.5766	\$7.2871

Proposed Rates

	09/01/19 <u>Distribution Charge</u> (12)	09/01/19 <u>GCR</u> (13)	09/01/19 <u>MFC</u> (14)	09/01/19 <u>GPC</u> (15)	09/01/19 Commodity <u>Rate</u> (16)=(12)+(13)+(14)+(15)	<u>Difference</u> (17)=(16)-(5)
Residential GS	\$8.2733	\$4.6030	\$0.1731	\$0.0400	\$13.0894	\$0.3036
Commercial GS	\$6.4803	\$4.6030	\$0.0285	\$0.0400	\$11.1518	\$0.2728
Industrial GS	\$6.3148	\$4.6030	\$0.0180	\$0.0400	\$10.9758	\$0.2960
Phila.Housing Authority (PHA)	\$6.6315	\$4.6030	\$0.0000	\$0.0400	\$11.2745	\$0.2708
Municipal (MS)	\$5.8323	\$4.6030	\$0.0000	\$0.0400	\$10.4753	\$0.2798
Phila.Housing Authority (GS)	\$7.2871	\$4.6030	\$0.0000	\$0.0400	\$11.9301	\$0.2911

PHILADELPHIA GAS WORKS
SEPTEMBER 1, 2019
UNIVERSAL SERVICE & ENERGY CONSERVATION SURCHARGE

	Expenses in the Surcharge
Enhanced Low Income Retrofit Program (ELIRP)	\$ 8,447,463
Customer Responsibility Program (CRP)	\$ 45,201,038
Conservation Incentive Credit	\$ 487,300
Senior Citizen Discount *	\$ 2,341,324
<u>August 2019 Under Collection</u>	<u>\$ 1,892,326</u>
Total \$ to be Recovered	\$ 58,369,451
 Total Applicable Volumes	 Mcf 47,862,914
 Universal Service & Energy Conservation Surcharge	 <u><u>\$ 1.2195</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 \$2,553,875.

**STATEMENT OF RECONCILIATION
UNIVERSAL SERVICES & ENERGY CONSERVATION SURCHARGE
SEPTEMBER 2018 THROUGH AUGUST 2019**

Month	USC Applicable Volume	USC Charge	USC Revenue Billed	USC Expenses	Monthly Over/(Under) Recovery	Cumulative Over/(Under) Recovery
FY 18 Reconciliation						(\$3,768,681)
FY 17 & FY 18 Conservation Incentive Credit **						(\$561,650)
						(\$4,330,331)
September 2018	Actual 1,098,293	\$ 1,5434	\$ 1,695,106	\$ (1,876,979)	\$ 3,572,085	(\$758,246)
October	Actual 1,511,556	\$ 1,4438	\$ 2,182,385	\$ 335,100	\$ 1,847,285	\$1,089,039
November	Actual 4,238,857	\$ 1,4438	\$ 6,120,082	\$ 4,723,978	\$ 1,396,083	\$2,485,122
December	Actual 7,139,391	\$ 1,2811	\$ 9,145,917	\$ 9,136,000	\$ 9,917	\$2,495,039
January 2019 **	Actual 8,711,081	\$ 1,1183	\$ 9,741,613	\$ 14,487,024	\$ (4,725,410)	(\$2,230,371)
February **	Actual 9,204,787	\$ 1,1183	\$ 10,293,714	\$ 13,692,448	\$ (3,398,734)	(\$5,629,106)
March	Actual 7,534,016	\$ 1,3721	\$ 10,337,423	\$ 12,166,981	\$ (1,829,557)	(\$7,458,663)
April	Actual 4,136,961	\$ 1,6259	\$ 6,726,284	\$ 7,020,671	\$ (294,387)	(\$7,753,050)
May	Actual 1,949,563	\$ 1,6259	\$ 3,169,794	\$ 2,605,881	\$ 563,933	(\$7,189,117)
June	Actual 1,357,417	\$ 1,4837	\$ 1,986,799	\$ 219,227	\$ 1,767,572	(\$5,421,545)
July	Actual 1,107,930	\$ 1,3014	\$ 1,441,885	\$ (879,074)	\$ 2,320,959	(\$3,100,586)
August	Estimated 1,092,084	\$ 1,3014	\$ 1,421,263	\$ 213,003	\$ 1,208,260	(\$1,892,326)

USC Expenses	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	FY19 Total
ELIRP Expense	\$ 4,554	\$ 797,695	\$ 437,794	\$ 204,587	\$ 1,482,413	\$ 558,324	\$ 1,025,945	\$ 593,420	\$ 791,735	\$ 801,675	\$ 594,775	\$ 1,205,165	\$ 8,498,082
ELIRP Labor	\$ 16,281	\$ 12,938	\$ 21,293	\$ 14,851	\$ 15,288	\$ 15,362	\$ 19,488	\$ 17,346	\$ 13,102	\$ 14,438	\$ 13,652	\$ 15,831	\$ 189,970
Conservation Incentive Credit **	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 487,300
CRP Discount	\$ (1,871,956)	\$ (1,297,656)	\$ 3,128,211	\$ 7,808,615	\$ 11,588,988	\$ 11,907,633	\$ 9,811,597	\$ 5,175,059	\$ 624,546	\$ (1,514,700)	\$ (2,382,929)	\$ (2,668,154)	\$ 40,309,254
CRP Forgiveness	\$ (109,542)	\$ 711,525	\$ 862,430	\$ 683,925	\$ 812,018	\$ 637,832	\$ 836,884	\$ 934,174	\$ 1,010,977	\$ 823,621	\$ 623,224	\$ 1,102,794	\$ 9,109,880
Senior Citizen Discount	\$ 83,684	\$ 110,598	\$ 274,251	\$ 443,922	\$ 568,317	\$ 573,297	\$ 473,087	\$ 300,673	\$ 165,501	\$ 94,193	\$ 72,204	\$ 70,067	\$ 3,229,773
Bad Debt Expense Offset*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ (1,876,979)	\$ 335,100	\$ 4,723,978	\$ 9,136,000	\$ 14,467,024	\$ 13,892,448	\$ 12,166,981	\$ 7,020,671	\$ 2,605,861	\$ 219,227	\$ (879,074)	\$ 213,003	\$ 61,824,239

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
Actual Participation Rate*	48,110	49,485	50,809	51,885	52,051	52,459	54,455	54,806	54,814	54,716	53,486	
CRP Under/(Over) Participation	11,890	10,535	9,391	8,115	7,949	7,541	5,545	5,194	5,186	5,284	6,534	
Average Shortfall Per CRP Participant												
CRP Discount	\$ (1,871,956)	\$ (1,297,656)	\$ 3,128,211	\$ 7,808,615	\$ 11,588,988	\$ 11,907,633	\$ 9,811,597	\$ 5,175,059	\$ 624,546	\$ (1,514,700)	\$ (2,382,929)	
Actual Participation Rate	48,110	49,485	50,809	51,885	52,051	52,459	54,455	54,806	54,814	54,716	53,486	
Average Shortfall per CRP Participant	\$ (39)	\$ (26)	\$ 62	\$ 150	\$ 223	\$ 227	\$ 180	\$ 94	\$ 11	\$ (28)	\$ (45)	
Shortfall*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bad Debt Expense Offset*	7.5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

**Revised

INTERRUPTIBLE REVENUE CREDIT
September 1, 2019

Fiscal Year 2018 Reconciliation (8/31/18) \$ 18,323

<u>MONTH</u>	<u>IRC</u> <u>CREDIT</u>	<u>MARGIN</u>	
September-19	Actual \$ (1,546)	\$ 483	
October	Actual \$ (2,115)	\$ 332	
November	Actual \$ (6,285)	\$ 532	
December	Actual \$ (34,967)	\$ 547	
January-19	Actual \$ (71,431)	\$ 603	
February	Actual \$ (75,899)	\$ 506	
March	Actual \$ (51,129)	\$ 479	
April	Actual \$ (21,529)	\$ 29	
May	Actual \$ (9,841)	\$ (181)	
June	Actual \$ (5,763)	\$ 476	
July	Actual \$ (3,680)	\$ 551	
August	Estimated \$ (3,642)	\$ 32,641	
Act/Est IRC Credit September 2018 to August 2019	\$ <u>(287,827)</u>		
Act/Est Margin September 2018 to August 2019		<u>\$ 37,000</u>	<u>\$ 37,000</u>

FY 2018 Reconciliation Plus Act/Est Margin September 2018 to August 2019 \$ 55,323

FY 2018 Reconciliation Plus Act/Est Margin September 2018 to August 2019	\$ 55,323	
Act/Est IRC Credit September 2018 to August 2019	<u>\$ (287,827)</u>	
Reconciliation as of August 31, 2019	\$ (232,504)	
Margin - September 2019 through August 2020	<u>\$ 384,330</u>	Schedule 5(b)
August 1, 2019 Interruptible Revenue Credit	\$ 151,826	

GCR Firm Sales 41,634,215 Schedule 2

September 1, 2019 IRC/Mcf \$ 0.0036

INTERRUPTIBLE REVENUE MARGIN
4TH QTR FILING

<u>MONTH</u>		<u>MARGIN</u>
September-19	Estimated	\$ 31,502
October	Estimated	\$ 32,554
November	Estimated	\$ 31,503
December	Estimated	\$ 32,552
January-20	Estimated	\$ 32,552
February	Estimated	\$ 30,451
March	Estimated	\$ 32,553
April	Estimated	\$ 31,502
May	Estimated	\$ 32,553
June	Estimated	\$ 31,504
July	Estimated	\$ 32,554
August	Estimated	\$ <u>32,551</u>
Total		\$ 384,330

**INTERRUPTIBLE REVENUE CREDIT
FINALIZED RECONCILIATION FY 2018**

Fiscal Year 2017 Reconciliation (8/31/17) \$ 108,827

<u>MONTH</u>	<u>IRC CREDIT</u>	<u>MARGIN</u>	
September-17	Actual \$ (2,766)	\$ 880	
October	Actual \$ (2,718)	\$ 13,263	
November	Actual \$ (6,882)	\$ 990	
December	Actual \$ (16,438)	\$ 1,566	
January-18	Actual \$ (31,887)	\$ 1,848	
February	Actual \$ (22,023)	\$ 1,899	
March	Actual \$ (14,126)	\$ 508	
April	Actual \$ (8,747)	\$ 611	
May	Actual \$ (3,522)	\$ 454	
June	Actual \$ (1,785)	\$ 258	
July	Actual \$ (1,488)	\$ 498	
August	Actual \$ (1,366)	\$ 471	
Actual IRC Credit September 2017 to August 2018	<u>\$ (113,748)</u>		
Actual Margin September 2017 to August 2018		<u>\$ 23,244</u>	<u>\$ 23,244</u>
FY 2017 Reconciliation Plus Actual Margin September 2017 to August 2018			<u>\$ 132,071</u>
<hr/>			
FY 2017 Reconciliation Plus Actual Margin September 2017 to August 2018			\$ 132,071
Actual IRC Credit September 2017 to August 2018			<u>\$ (113,748)</u>
Reconciliation as of August 31, 2018			\$ 18,323

**OTHER POST EMPLOYMENT BENEFIT (OPEB) SURCHARGE
FISCAL YEAR 2020**

FY 2018 Over/(Under) Recovery				<u>\$566,295</u>
<u>Month</u>		<u>OPEB Volumes</u>	<u>OPEB Surcharge</u>	<u>Revenue Billed</u>
September 2018	Actual	1,101,710	\$0.3440	\$378,933
October	Actual	1,516,973	\$0.3094	\$469,351
November	Actual	4,258,268	\$0.3094	\$1,317,508
December	Actual	7,171,899	\$0.3094	\$2,218,986
January 2019	Actual	8,749,550	\$0.3094	\$2,707,111
February	Actual	9,241,017	\$0.3094	\$2,859,171
March	Actual	7,565,981	\$0.3094	\$2,340,915
April	Actual	4,154,316	\$0.3094	\$1,285,345
May	Actual	1,957,357	\$0.3094	\$605,606
June	Actual	1,361,392	\$0.3094	\$421,215
July	Actual	1,110,837	\$0.3094	\$343,693
August	Estimated	<u>1,094,968</u>	\$0.3094	<u>\$338,783</u>
Total		49,284,268		\$15,286,617

FY 2019 Act/Est OPEB & FY 2018 Reconciliation	\$15,852,912
FY 2019 Permitted Recovery	<u>\$16,000,000</u>
Over/(Under) Recovery	(\$147,088)

FY 2019 Under Recovery	\$147,088
FY 2020 Permitted Recovery	<u>\$16,000,000</u>
FY 2020 Recovery	\$16,147,088

FY 2020 Volumes	48,027,512
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FY 2020 OPEB Surcharge / Mcf	\$0.3362
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EFFICIENCY COST RECOVERY (ECR) SURCHARGE
September 1, 2019

<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	\$815,884	\$77,310	\$850	\$894,044
Labor Expense	\$19,262	\$1,825	\$20	\$21,107
Commercial & Industrial Retrofit Incentive (CIRI)				
Program Expense	\$185,476	\$302,926	\$0	\$488,402
Labor Expense	\$4,379	\$7,152	\$0	\$11,530
Commercial & Industrial Equipment Rebate (CIER)				
Program Expense	\$5,152	\$383,296	\$33,722	\$422,170
Labor Expense	\$122	\$9,049	\$796	\$9,967
High-Efficiency Construction Incentive (HECI)				
Program Expense	\$145,166	\$178,041	\$0	\$323,207
Labor Expense	\$3,348	\$4,106	\$0	\$7,454
Comprehensive Residential Retrofit Incentive (CRRRI)				
Program Expense	\$0	\$0	\$0	\$0
Labor Expense	\$0	\$0	\$0	\$0
Total Expense	\$1,178,788	\$963,705	\$35,388	\$2,177,881
Prior Period Reconciliation (8/31/19)	\$ (600,823)	\$ (356,750)	\$ (49,206)	\$ (1,006,779)
Total	\$577,965	\$606,955	-\$13,818	\$1,171,103
Volumes - Mcf (GCR Firm & Firm Transportation)	34,851,551	10,988,659	921,973	

Efficiency Cost Recovery Surcharge / Mcf	\$0.0166	\$0.0552	(\$0.0150)
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**EFFICIENCY COST RECOVERY (ECR) SURCHARGE
STATEMENT OF RECONCILIATION
FISCAL YEAR 2019**

		Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Actual Jul-19	Estimated Aug-19
RESIDENTIAL & PHA GS													
FY 2018 Over-Collection		\$ 402,858											
Volume Billed		692,388	935,081	3,022,500	5,368,067	6,553,283	7,023,713	5,699,061	3,093,560	1,355,688	885,146	885,707	684,168
ECR Surcharge		\$ 0.0189	\$ 0.0198	\$ 0.0198	\$ 0.0250	\$ 0.0301	\$ 0.0301	\$ 0.0260	\$ 0.0219	\$ 0.0219	\$ 0.0136	\$ 0.0053	\$ 0.0053
Revenue Billed		\$ 13,052	\$ 18,515	\$ 59,846	\$ 133,933	\$ 197,254	\$ 211,414	\$ 148,178	\$ 67,749	\$ 29,690	\$ 12,038	\$ 3,634	\$ 3,626
RHER	Expense	\$ 406	\$ 14,240	\$ 13,304	\$ 36,421	\$ 81,168	\$ 54,360	\$ 63,986	\$ 60,651	\$ (2,573)	\$ 25,904	\$ 49,100	\$ 49,100
RHER	Labor	\$ 1,451	\$ 1,153	\$ (1,465)	\$ 1,333	\$ 1,363	\$ 1,676	\$ 1,773	\$ 1,578	\$ 2,489	\$ 1,313	\$ 1,242	\$ 1,242
HECI	Expense	\$ 82	\$ 1,656	\$ (1,738)	\$ 6,912	\$ 16,275	\$ (16,199)	\$ 2,135	\$ 3,101	\$ 83,598	\$ 426	\$ 960	\$ 960
HECI	Labor	\$ 292	\$ 232	\$ (524)	\$ 268	\$ 274	\$ (350)	\$ 58	\$ 51	\$ 2,797	\$ 43	\$ 40	\$ 40
CRRI	Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CRRI	Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIRI	Expense	\$ 60	\$ 116	\$ (122)	\$ 9,882	\$ 295	\$ (10,231)	\$ -	\$ -	\$ 126,767	\$ -	\$ -	\$ -
CIRI	Labor	\$ 216	\$ 171	\$ (387)	\$ 198	\$ 203	\$ (401)	\$ -	\$ -	\$ 1,680	\$ -	\$ -	\$ -
CIER	Expense	\$ 1	\$ 49	\$ (50)	\$ 43	\$ 455	\$ (498)	\$ -	\$ -	\$ 9,536	\$ -	\$ -	\$ -
CIER	Labor	\$ 3	\$ 2	\$ (6)	\$ 3	\$ 3	\$ (6)	\$ -	\$ -	\$ 170	\$ -	\$ -	\$ -
Total		\$ 2,511	\$ 17,621	\$ 9,013	\$ 55,060	\$ 100,036	\$ 28,352	\$ 67,951	\$ 65,381	\$ 224,464	\$ 27,686	\$ 51,341	\$ 51,341
Monthly Over/(Under)		\$ 10,540	\$ 894	\$ 50,833	\$ 78,873	\$ 97,218	\$ 183,061	\$ 80,224	\$ 2,368	\$ (194,775)	\$ (15,648)	\$ (47,707)	\$ (47,715)
Cumulative Over/(Under)		\$ 413,196	\$ 414,090	\$ 464,923	\$ 543,796	\$ 641,014	\$ 824,078	\$ 904,300	\$ 906,668	\$ 711,893	\$ 696,245	\$ 648,538	\$ 600,823
COMMERCIAL & PHA													
FY 2018 Over-Collection		\$ 358,727											
Volume Billed		363,598	520,371	1,059,369	1,515,558	1,873,062	1,859,051	1,573,165	900,048	535,983	418,709	380,870	358,845
ECR Surcharge		\$ 0.0503	\$ 0.0529	\$ 0.0529	\$ 0.0470	\$ 0.0411	\$ 0.0411	\$ 0.0408	\$ 0.0405	\$ 0.0405	\$ 0.0524	\$ 0.0642	\$ 0.0642
Revenue Billed		\$ 18,289	\$ 27,528	\$ 56,041	\$ 71,231	\$ 76,983	\$ 78,407	\$ 64,185	\$ 36,452	\$ 21,707	\$ 21,919	\$ 24,452	\$ 23,038
RHER	Expense	\$ 22	\$ 764	\$ (786)	\$ 1,955	\$ 4,356	\$ 465	\$ 2,169	\$ 2,056	\$ (2,362)	\$ 878	\$ 1,664	\$ 1,664
RHER	Labor	\$ 78	\$ 62	\$ (140)	\$ 72	\$ 73	\$ 42	\$ 60	\$ 53	\$ 3	\$ 45	\$ 42	\$ 42
CRRI	Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CRRI	Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIRI	Expense	\$ 99	\$ 189	\$ (199)	\$ 16,139	\$ 482	\$ 9,701	\$ 7,463	\$ 7,454	\$ (41,328)	\$ 197	\$ 5,372	\$ 5,372
CIRI	Labor	\$ 352	\$ 280	\$ (632)	\$ 324	\$ 331	\$ 74	\$ 680	\$ 605	\$ (2,013)	\$ 504	\$ 476	\$ 476
CIER	Expense	\$ 139	\$ 7,836	\$ 24,635	\$ 6,959	\$ 73,102	\$ 28,300	\$ 18,078	\$ 14,985	\$ 225,358	\$ 1,578	\$ 32,473	\$ 32,473
CIER	Labor	\$ 499	\$ 396	\$ 433	\$ 458	\$ 468	\$ 1,633	\$ 615	\$ 547	\$ 2,089	\$ 455	\$ 431	\$ 431
HECI	Expense	\$ 25	\$ 513	\$ 16,530	\$ 2,139	\$ 5,037	\$ 24,386	\$ 14,855	\$ 21,581	\$ (85,066)	\$ 2,967	\$ 6,678	\$ 6,678
HECI	Labor	\$ 90	\$ 72	\$ 537	\$ 83	\$ 85	\$ 474	\$ 400	\$ 356	\$ (2,097)	\$ 296	\$ 280	\$ 280
Total		\$ 1,304	\$ 10,112	\$ 40,378	\$ 28,128	\$ 83,935	\$ 65,076	\$ 44,319	\$ 47,638	\$ 94,565	\$ 6,922	\$ 47,416	\$ 47,416
Monthly Over/(Under)		\$ 16,985	\$ 17,416	\$ 15,682	\$ 43,103	\$ (6,952)	\$ 11,331	\$ 19,866	\$ (11,186)	\$ (72,858)	\$ 14,998	\$ (22,964)	\$ (24,378)
Cumulative Over/(Under)		\$ 372,712	\$ 390,128	\$ 405,790	\$ 448,893	\$ 441,941	\$ 453,273	\$ 473,139	\$ 461,952	\$ 389,095	\$ 404,093	\$ 381,128	\$ 356,750
INDUSTRIAL													
FY 2018 Over-Collection		\$ 77,349											
Volume Billed		30,295	43,389	89,550	119,894	153,457	142,280	117,521	67,107	42,946	30,361	29,935	31,545
ECR Surcharge		\$ 0.0531	\$ 0.0566	\$ 0.0566	\$ (0.0075)	\$ (0.0716)	\$ (0.0716)	\$ (0.0546)	\$ (0.0376)	\$ (0.0376)	\$ (0.0336)	\$ (0.0299)	\$ (0.0299)
Revenue Billed		\$ 1,609	\$ 2,456	\$ 5,069	\$ (899)	\$ (10,988)	\$ (10,187)	\$ (6,417)	\$ (2,523)	\$ (1,615)	\$ (1,025)	\$ (895)	\$ (943)
RHER	Expense	\$ 0	\$ 17	\$ (17)	\$ 43	\$ 95	\$ (138)	\$ -	\$ -	\$ 1,724	\$ -	\$ -	\$ -
RHER	Labor	\$ 2	\$ 1	\$ (3)	\$ 2	\$ 2	\$ (3)	\$ -	\$ -	\$ 61	\$ -	\$ -	\$ -
CIRI	Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIRI	Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIER	Expense	\$ 3	\$ 187	\$ (190)	\$ 166	\$ 1,742	\$ (1,908)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIER	Labor	\$ 12	\$ 9	\$ (21)	\$ 11	\$ 11	\$ (22)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total		\$ 17	\$ 214	\$ (232)	\$ 221	\$ 1,850	\$ (2,071)	\$ -	\$ -	\$ 1,785	\$ -	\$ -	\$ -
Monthly Over/(Under)		\$ 1,591	\$ 2,242	\$ 5,300	\$ (1,120)	\$ (12,837)	\$ (8,116)	\$ (6,417)	\$ (2,523)	\$ (3,399)	\$ (1,025)	\$ (895)	\$ (943)
Cumulative Over/(Under)		\$ 78,940	\$ 81,182	\$ 86,482	\$ 85,362	\$ 72,524	\$ 64,408	\$ 57,991	\$ 55,468	\$ 52,069	\$ 51,044	\$ 50,149	\$ 49,206

*REVISED

Schedule 12 (b)

Natural Gas Prices Used for PGW's - FY 2018-2019 - 4th Quarter GCR Filing

Basis Differentials

	TRANSCO					TETCO						NYMEX	TRANSCO									
	Sta 30	Sta 45	Sta 65	Sta. 85	Zone 6-Non-NY	ELA	WLA	STX	M-1	M-2	Dom.S.Pt.	Futures 08/02/19 Close	Sta 30	Sta 45	Sta 65	Sta. 85	Zone 6-Non-NY	ELA	WLA	STX	M-1	M-2
Aug-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.213	2.10	2.07	2.19	2.20	2.28	2.15	2.13	2.08	2.11	2.00
Sep-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.413	2.30	2.27	2.39	2.40	2.48	2.35	2.33	2.28	2.31	2.27
Oct-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.546	2.44	2.41	2.53	2.54	2.62	2.49	2.47	2.42	2.45	2.41
Nov-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.525	2.42	2.39	2.51	2.52	2.60	2.47	2.45	2.40	2.43	2.39
Dec-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.460	2.35	2.32	2.44	2.45	2.53	2.40	2.38	2.33	2.36	2.32
Jan-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.298	2.19	2.16	2.28	2.29	2.37	2.24	2.22	2.17	2.20	2.16
Feb-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.287	2.18	2.15	2.27	2.28	2.36	2.23	2.21	2.16	2.19	2.15
Mar-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.329	2.22	2.19	2.31	2.32	2.40	2.27	2.25	2.20	2.23	2.19
Apr-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.376	2.27	2.24	2.36	2.37	2.45	2.32	2.30	2.25	2.28	2.24
May-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.388	2.28	2.25	2.37	2.38	2.46	2.33	2.31	2.26	2.29	2.25
Jun-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.374	2.26	2.23	2.35	2.36	2.44	2.31	2.29	2.24	2.27	2.23
Jul-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.402	2.29	2.26	2.38	2.39	2.47	2.34	2.32	2.27	2.30	2.26
Aug-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.474	2.36	2.33	2.45	2.46	2.54	2.41	2.39	2.34	2.37	2.33

Actual Natural Gas Billed

	<u>May-19</u>	<u>Jun-19</u>	<u>Jul-19</u>
Williams	\$ 3,521,915.94	\$ 3,420,539.60	\$ 3,516,763.91
Texas Eastern	\$ 2,209,270.30	\$ 3,505,503.49	\$ 3,446,477.31
Dominion	\$ 130,361.43	\$ 129,836.40	\$ 133,266.10
Equitrans	\$ -	\$ -	\$ -
Spot Purchases -Transco	\$ 36,209.46	\$ 26,600.24	\$ 25,688.88
Spot Purchases -Tetco	\$ -	\$ -	\$ -
Transco Supply2			
Transco Supply3			
Transco Supply6	\$ 339,450.00	\$ 340,500.00	\$ 316,200.00
Transco Supply7			
Transco Supply8			
Transco Supply10			
Transco Supply12			
Transco Supply14	\$ 776,550.00	\$ 751,500.00	\$ 776,550.00
Transco Supply17			
Transco Supply20			
Transco Supply21			
Transco Supply22			
Transco Supply23			
Transco Supply24			
Transco Supply25			
Transco Supply26			
Transco Supply27			
Transco Supply28			
Transco Supply29	\$ 342,550.00	\$ 343,500.00	\$ 319,300.00
Transco Supply30	\$ 304,626.00	\$ 382,030.00	\$ 476,308.50
Transco Supply31			
Transco Supply32	\$ 339,837.50	\$ 340,875.00	\$ 316,587.50
Transco Supply33			
Transco Supply34	\$ 945.50	\$ 240,940.00	\$ 35,070.50
Transco Supply35			
Transco Supply36	\$ 238,712.50	\$ 240,287.50	\$ 210,675.00
Transco Supply37	\$ 483,559.39	\$ 485,327.10	\$ 427,480.39
Tetco Supply1			
Tetco Supply2			
Tetco Supply3	\$ 129,779.38	\$ 34,950.00	\$ 4,650.00
Tetco Supply4			
Tetco Supply5			
Tetco Supply7			
Tetco Supply13			
Tetco Supply14			
Tetco Supply16	\$ 325,887.50	\$ 321,375.00	\$ 293,337.50
Tetco Supply17			
Tetco Supply18			
Tetco Supply19			
Tetco Supply20			
Tetco Supply21			
Tetco Supply22			
Tetco Supply23			
Tetco Supply24	\$ 1,291,950.00	\$ 1,323,060.00	\$ 1,075,320.00
Tetco Supply25			
Tetco Supply26	\$ 325,887.50	\$ 321,375.00	\$ 293,337.50
Tetco Supply27			
Tetco Supply28	\$ 651,000.00	\$ 642,000.00	\$ 585,900.00
Tetco Supply29			
Tetco Supply30			
Tetco Supply31			
Total Costs	\$ 11,448,492	\$ 12,850,199	\$ 12,252,913
Sharing Mechanism	\$ 86,952	\$ 80,058	\$ 72,543
Asset Management Agreement	\$ -	\$ -	\$ -
Off System Sales	\$ -	\$ -	\$ -
Gas Transportation Purchases	\$ -	\$ -	\$ -
Adjustment/Reconciliation	\$ (31,837)	\$ 95,020	\$ 37,993
Total Natural Gas Billed	\$ 11,503,607	\$ 13,025,277	\$ 12,363,449

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

	<u>Actual</u>				<u>Projected</u>			<u>Actual Over/Under vs Projected</u>				
	<u>May-19</u>	<u>Jun-19</u>	<u>Jul-19</u>	<u>Total</u>	<u>3rd Qtr Filing May-19</u>	<u>3rd Qtr Filing Jun-19</u>	<u>3rd Qtr Filing Jul-19</u>	<u>Total</u>	<u>May-19</u>	<u>Jun-19</u>	<u>Jul-19</u>	<u>Total</u>
Total Natural Gas Billed	\$ 11,503,607	\$ 13,025,277	\$ 12,363,449	\$ 36,892,333	\$ 13,373,169	\$ 13,453,814	\$ 13,686,349	\$ 40,513,332	\$ (1,869,562)	\$ (428,537)	\$ (1,322,900)	\$ (3,620,999)
Less Imbalance Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Less Interruptible Credit	\$ 601	\$ 2,881	\$ 4,164	\$ 7,646	\$ 120,872	\$ 127,537	\$ 133,652	\$ 382,061	\$ (120,271)	\$ (124,656)	\$ (129,488)	\$ (374,415)
Gas Used For Utility	\$ 27,059	\$ 19,708	\$ 7,163	\$ 53,930	\$ 23,445	\$ 24,574	\$ 26,962	\$ 74,980	\$ 3,614	\$ (4,866)	\$ (19,799)	\$ (21,050)
	\$ 11,475,947	\$ 13,002,688	\$ 12,352,122	\$ 36,830,757	\$ 13,228,852	\$ 13,301,704	\$ 13,525,736	\$ 40,056,291	\$ (1,752,905)	\$ (299,016)	\$ (1,173,614)	\$ (3,225,534)
Pipeline Storages												
(To)	\$ (2,097,810)	\$ (3,489,839)	\$ (3,575,134)	\$ (9,162,783)	\$ (3,817,417)	\$ (3,904,759)	\$ (4,087,395)	\$ (11,809,571)	\$ 1,719,607	\$ 414,920	\$ 512,261	\$ 2,846,788
From	\$ 114,018	\$ (85,690)	\$ (139,988)	\$ (111,660)	\$ -	\$ -	\$ -	\$ -	\$ 114,018	\$ (85,690)	\$ (139,988)	\$ (111,660)
Net Pipeline Storages	\$ (1,983,792)	\$ (3,575,529)	\$ (3,715,122)	\$ (9,274,443)	\$ (3,817,417)	\$ (3,904,759)	\$ (4,087,395)	\$ (11,809,571)	\$ 1,833,625	\$ 329,230	\$ 372,273	\$ 2,535,128
LNG Storage												
(To)	\$ (231,953)	\$ 71,619	\$ -	\$ (160,334)	\$ (287,228)	\$ (15,966)	\$ -	\$ (303,195)	\$ 55,275	\$ 87,585	\$ -	\$ 142,881
From	\$ 489,670	\$ 182,409	\$ 169,764	\$ 821,843	\$ 249,924	\$ 227,789	\$ 235,374	\$ 713,087	\$ 239,746	\$ (65,380)	\$ (65,610)	\$ 108,758
Net LNG Storage	\$ 257,717	\$ 234,028	\$ 169,764	\$ 661,509	\$ (37,305)	\$ 211,823	\$ 235,374	\$ 409,892	\$ 295,022	\$ 22,205	\$ (65,610)	\$ 251,617
Net Natural Gas	\$ 9,749,872	\$ 9,661,187	\$ 8,806,764	\$ 28,217,823	\$ 9,374,130.03	\$ 9,608,768	\$ 9,673,715	\$ 28,656,612	\$ 375,742	\$ 52,419	\$ (866,951)	\$ (438,789)
APPLICABLE GCR EXPENSES												
Net Natural Gas Expense	\$ 9,749,872	\$ 9,661,187	\$ 8,806,764	\$ 28,217,823	\$ 9,374,130	\$ 9,608,768	\$ 9,673,715	\$ 28,656,612	\$ 375,742	\$ 52,419	\$ (866,951)	\$ (438,789)
Purchased Electric & Misc	\$ 94,471	\$ 37,784	\$ 34,463	\$ 166,698	\$ 38,951	\$ 24,880	\$ 39,374	\$ 103,305	\$ 55,520	\$ 12,784	\$ (4,911)	\$ 63,393
Total GCR Expenses	\$ 9,844,343	\$ 9,698,951	\$ 8,841,227	\$ 28,384,521	\$ 9,413,081	\$ 9,633,748	\$ 9,713,089	\$ 28,759,917	\$ 431,262	\$ 65,203	\$ (871,862)	\$ (375,396)

**Philadelphia Gas Works
Restructuring & Consumer Education Surcharge
FISCAL YEAR 2020**

FY 2017 Over/(Under) Recovery* (\$500,193) Schedule 16(b)

<u>Month</u>		<u>R&CE Volumes</u>	<u>R&CE Surcharge</u>	<u>Revenue Billed</u>
September 2017	Actual	1,164,741	\$0.0044	\$5,067
October	Actual	1,232,940	\$0.0077	\$9,494
November	Actual	3,049,396	\$0.0077	\$23,480
December	Actual	6,352,946	\$0.0077	\$48,918
January 2018	Actual	11,234,414	\$0.0077	\$86,505
February	Actual	7,773,775	\$0.0077	\$59,858
March	Actual	6,769,418	\$0.0077	\$52,125
April	Actual	5,974,099	\$0.0077	\$46,001
May	Actual	2,459,499	\$0.0077	\$18,938
June	Actual	1,296,164	\$0.0077	\$9,980
July	Actual	1,090,327	\$0.0077	\$8,396
<u>August</u>	Actual	<u>1,020,232</u>	<u>\$0.0077</u>	<u>\$7,856</u>
Total		49,417,951		\$376,616

FY 2018 Act/Est R&CE Recovery	(<u>\$123,577</u>)	
FY 2018 Actual Expenses	<u>\$24,046</u>	Schedule 16(c)
Over/(Under) Recovery	(<u>\$147,623</u>)	

FY 2018 Under Recovery	(<u>\$147,623</u>)	
FY 2020 Permitted Recovery	<u>\$57,024</u>	Schedule 16(c)
FY 2020 Recovery	<u>\$204,647</u>	

FY 2020 Volumes	\$48,027,512
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FY 2020 R&CE Surcharge / Mcf	\$0.0043
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*Revised

**Philadelphia Gas Works
Restructuring & Consumer Education Surcharge
Fiscal Year 2017**

FY 2016 Over/(Under) Recovery* (\$502,762)

<u>Month</u>		<u>R&CE Volumes</u>	<u>R&CE Surcharge</u>	<u>Revenue Billed</u>
September 2016	Actual	1,075,710	\$0.0036	\$3,819
October	Actual	1,407,836	\$0.0010	\$1,408
November	Actual	2,962,180	\$0.0010	\$2,962
December	Actual	6,080,124	\$0.0010	\$6,080
January 2017	Actual	8,870,728	\$0.0010	\$8,871
February	Actual	7,218,545	\$0.0010	\$7,219
March	Actual	6,392,437	\$0.0010	\$6,392
April	Actual	4,759,423	\$0.0010	\$4,759
May	Actual	2,003,390	\$0.0010	\$2,003
June	Actual	1,477,939	\$0.0010	\$1,478
July	Actual	1,118,641	\$0.0010	\$1,119
<u>August</u>	Actual	<u>1,053,661</u>	\$0.0010	<u>\$1,054</u>
Total		44,420,614		\$47,164

FY 2017 Act/Est R&CE & FY 2016 Recovery	(\$455,598)
FY 2017 Actual Expenses	<u>\$44,595</u>
Over/(Under) Recovery	(\$500,193)

***Revised**

**Philadelphia Gas Work:
Restructuring & Consumer Education Surcharge
Expense**

Fiscal Year	FY 2018													
Month	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	FY18	FY20
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Total	Est
Capital														
POR Build (90%)	\$ -	\$ -	\$ 6,043	\$ 9,914	\$ 5,728	\$ 2,361	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,046	\$ 57,024
Access. Mech. (100%)														
Operating														
Mailers (50%)														
Access Mech. (100%)														
Totals	\$ -	\$ -	\$ 6,043	\$ 9,914	\$ 5,728	\$ 2,361	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,046	\$ 57,024

CERTIFICATE OF SERVICE

I hereby certify that this day I served a copy of PGW's Tariff Supplements 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

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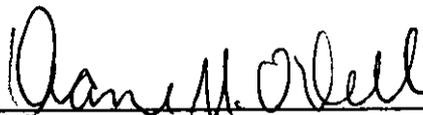
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Deanne M. O'Dell, Esq.

Dated: August 28, 2019

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