



PHILADELPHIA GAS WORKS

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August 31, 2018

VIA E-FILING

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
2nd Floor, 1 North
400 North Street
Harrisburg, PA 17120

**Re: Pa. PUC v. Philadelphia Gas Works (2017-2018 4th Quarter 2017-2018 GCR Filing)
Docket No. R-2017-2587526**

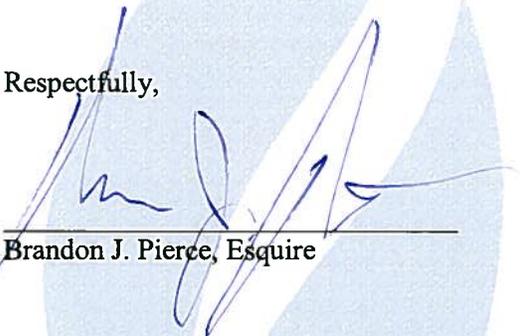
Dear Secretary Chiavetta:

On behalf of Philadelphia Gas Works ("PGW"), enclosed please find the following Tariff Supplements and supporting schedules:

- 1) PGW Gas Service Tariff, Pa. P.U.C. No. 2, Supplement No. 115; and
- 2) PGW Gas Supplier Tariff, Pa. P.U.C. No. 1, Supplement No. 78.

These supplements are being filed to implement PGW's 4th Quarter 2017-2018 Gas Cost Rate ("GCR"). The tariff supplements are to become effective on one day's notice on September 1, 2018. Please contact me with any questions.

Respectfully,



Brandon J. Pierce, Esquire

Enclosures

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

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.

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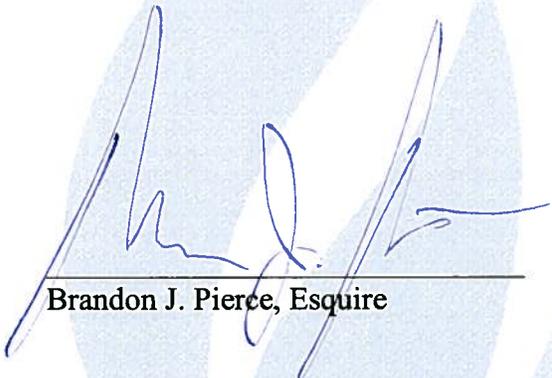
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Brandon J. Pierce, Esquire

Dated: August 31, 2018

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

Supplement No. 115

PHILADELPHIA GAS WORKS
GAS SERVICE 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 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 1307(f), II. DEFINITIONS (Page No. 67)

In the definition of “GAC,” the GAC value effective September 1, 2018, decreases from \$(0.00091) per Ccf to \$(0.02894) per Ccf.

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

In the definition of “IRC,” the “IRC” value effective September 1, 2018, increases from \$0.00016 per Ccf to \$0.00017. In the definition of “SSC,” the “SSC” value effective September 1, 2018, increases from \$0.36317 per Ccf to \$0.41544 per Ccf.

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

The Gas Cost Rate (GCR) effective September 1, 2018, increases from \$0.36210 per Ccf to \$0.38633 per Ccf.

PRICE TO COMPARE (Page No. 78)

The Prices to Compare effective September 1, 2018, are: a) \$0.40503 per Ccf for Residential; b) \$0.39290 per Ccf for Commercial Customers on Rate GS; c) \$0.39201 per Ccf for Industrial Customers on Rate GS; and d) \$0.39050 per Ccf for Municipal Customers on Rate MS, the Philadelphia Housing Authority on Rate PHA, Public Housing Customers on Rate GS & Natural Gas Vehicle Service on Rate NGVS.

RESTRUCTURING AND CONSUMER EDUCATION SURCHARGE (Page No. 79)

The Current Restructuring and Consumer Education Surcharge effective September 1, 2018, is \$0.00000 per Ccf.

EFFICIENCY COST RECOVERY SURCHARGE (Page No. 80)

The Efficiency Cost Recovery Surcharges effective September 1, 2018, are: a) \$0.00198 per Ccf for Residential and Public Housing Customers on Rate GS; b) \$0.00529 per Ccf for Commercial Customers on Rate GS; c) \$0.00566 per Ccf for Industrial Customers on Rate GS; d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and e) \$0.00529 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 September 1, 2018, decreases from \$0.16430 per Ccf to \$0.14438 per Ccf.

OTHER POST EMPLOYMENT BENEFIT (“OPEB”) SURCHARGE (Page No. 82)

The Other Post Employment Benefit Surcharge effective September 1, 2018, decreases from \$0.03785 per Ccf to \$0.03094 per Ccf.

GENERAL SERVICE – RATE GS (Page No. 83)

The Gas Cost Rate (GCR) effective September 1, 2018, increases from \$0.36210 per Ccf to \$0.38633 per Ccf.

MUNICIPAL SERVICE – RATE MS (Page No. 87)

The Gas Cost Rate (GCR) effective September 1, 2018, increases from \$0.36210 per Ccf to \$0.38633 per Ccf.

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

The Gas Cost Rate (GCR) effective September 1, 2018, increases from \$0.36210 per Ccf to \$0.38633 per Ccf.

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

The Gas Cost Rate (GCR) effective September 1, 2018, increases from \$0.36210 per Ccf to \$0.38633 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 \$(0.02421) per Ccf for Commodity Costs and \$(0.00473) per Ccf for Demand Costs, for service on or after September 1, 2018. The total GAC is \$(0.02894) per Ccf.

(D)

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

(D) – Decrease

IRC - Interruptible Revenue Credit - The credit defined in Subsection VI below. The currently effective IRC is \$0.00017 per Ccf for service on or after September 1, 2018. (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 \$0.30162 per Ccf for Commodity Costs and \$0.11382 per Ccf for Demand Costs, for service on or after September 1, 2018. The total SSC is \$0.41544 per Ccf. (I)

(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 \$0.38633 per Ccf, for service on or after September 1, 2018.

(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	\$0.41544	\$0.41544	\$0.41544	\$0.41544	\$0.41544	\$0.41544	\$0.41544
GAC	(\$0.02894)	(\$0.02894)	(\$0.02894)	(\$0.02894)	(\$0.02894)	(\$0.02894)	(\$0.02894)
MFC	\$0.01453	\$0.00000	\$0.00240	\$0.00151	\$0.00000	\$0.00000	\$0.00000
GPC	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400
PTC	<u>\$0.40503</u>	<u>\$0.39050</u>	<u>\$0.39290</u>	<u>\$0.39201</u>	<u>\$0.39050</u>	<u>\$0.39050</u>	<u>\$0.39050</u>

(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 = \$0.00000/Ccf

(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) \$0.00198 per Ccf for Residential and Public Housing Customers on Rate GS; | (I) |
| b) \$0.00529 per Ccf for Commercial Customers on Rate GS; | (I) |
| c) \$0.00566 per Ccf for Industrial Customers on Rate GS; | (I) |
| d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and | (NC) |
| e) \$0.00529 per Ccf for The Philadelphia Housing Authority on Rate PHA. | (I) |

The Enhanced Low Income Retrofit Program costs shall be recovered through the Universal Services Surcharge beginning on September 1, 2010.

(I) – Increase; (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 the Conservation Works Program (CWP) and the Enhanced Low Income Retrofit Program (ELIRP); and, 4) 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 = \$ 0.14438/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 = \$0.03094/Ccf

(D)

(D) - Decrease

GENERAL SERVICE - RATE GS

Rate: Applicable to all Retail Sales Service or Transportation Service rendered pursuant to this Rate Schedule on or after September 1, 2018.

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):

\$0.38633	per Ccf for Residential and Public Housing	(I)
\$0.38633	per Ccf for Commercial Customers	(I)
\$0.38633	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, 2018.

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):

\$0.38633 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, 2018.

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):

\$0.38633 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, 2018.

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):

\$0.38633 per Ccf

(I)

Plus

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

(A) Delivery Charge (Updated in Supplement No. 65 – Issued: July 10, 2013; Effective: October 1, 2013):

\$0.12833 per Ccf

(B) Surcharges:

Universal Service and Energy Conversation Surcharge; The Restructuring and Consumer Education Surcharge; Other Post Employment Benefit Surcharge; and Distribution System Improvement Charge.

(I) – Increase

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

PGW
Gas Supplier Tariff
Pa. P.U.C. No. 1

Supplement No. 78

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

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

The load balancing charge effective September 1, 2018, is \$37.3779 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 \$37.3779 per design day Mcf that is fulfilled by PGW storage and peaking assets, for recovery of those costs for Balancing Service, calculated in the manner set forth in the Commission's Order at M-00021612 (entered March 31, 2003) and as set forth below. Such rate for Balancing Service shall be increased or decreased, from time to time, in accordance with applicable law and procedures. (I)

9.14.B. Computation of Balancing Service Costs per Dth.

9.14.B.1. Formula. Balancing Service Costs, per design day Mcf, that is fulfilled by PGW storage and peaking assets, shall be computed to the nearest one-hundredth cent (\$0.0001) in accordance with the formula set forth below:

$$\text{BSC} = (C / S_1) - (E / S_2)$$

Projected Balancing Service Costs, so computed, shall be charged to Suppliers of Firm Transportation Rates per Customer per design day Mcf that is fulfilled by PGW storage and peaking assets, for an enrollment month. The amount of those costs, per Mcf, will vary, if appropriate, based upon annual filings by the Company pursuant to Section 1307(f) of the Public Utility Code and such supplemental filings as may be required or be appropriate under Section 1307(f) or the PUC's regulations adopted pursuant thereto.

9.14.B.2. Definitions. In computing the Balancing Service Costs, per Dth, pursuant to the formula above, the following definitions shall apply:

"BSC" - Balancing Service Costs determined to the nearest one-hundredth cent (\$0.0001) to be charged to each design day Mcf that is fulfilled by PGW storage and peaking assets, under Rate Schedule Firm.

"C" - Cost in dollars: for all types of storage and related services, the fixed and variable costs for the projected period when rates will be in effect.

"E" - the net overcollection or undercollection of Balancing Service Costs.

The net overcollection or undercollection shall be determined for the most recent period permitted under law, which shall begin with the month following the last month which was included in the previous overcollection or undercollection calculation reflected in rates. The annual filing date shall be the date specified by the PUC for the Company's Section 1307(f) Tariff filing.

Each overcollection or undercollection statement shall also provide for refund or recovery of amounts necessary to adjust for overrecovery or underrecovery of "E" factor amounts under the previous Balancing Service Costs Rate. Interest shall be computed monthly at the rate as provided for in Section 1307(f) of the Public Utility Code from the month that the overcollection or undercollection occurs to the effective month such overcollection is refunded or undercollection is recouped. Such over billings (or under billings) will be made with interest at the statutory rate.

"S₁" – projected Mcf of storage gas/LNG to be delivered to Customers to meet design day needs during the projected period when rates will be in effect.

"S₂" – forecasted Mcf of load balancing volumes during the projected period when rates will be in effect.

(I) – Increase

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SEPTEMBER 1, 2018
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Philadelphia Gas Works
Levelized Gas Cost Rate
4th Qtr Filing - September 1, 2018

Formula:
GCR = SSC + GAC - IRC

where:

	<u>Demand</u>	<u>Commodity</u>	<u>Total</u>	
S = Firm Sales (Mcf)			43,900,134	Schedule 2
<hr/>				
Net Natural Gas Expense	\$ 50,206,763	\$ 132,389,253	\$ 182,596,016	
Purchased Electric & Misc Expenses	\$ -	\$ 665,396	\$ 665,396	
C = Total Applicable GCR Expense	\$ 50,206,763	\$ 133,054,649	\$ 183,261,412	Schedule 3
SSC = C / S	\$ 1.1437	\$ 3.0308	\$ 4.1745	

Adjustment For:

E-Factor Volumes (Mcf)			44,555,831	
Interest	\$ (250,608)	\$ (350,114)	\$ (600,723)	Schedule 6(a)
E-Factor Reconciliation	\$ (1,803,720)	\$ (10,176,110)	\$ (11,979,830)	Schedule 4(b)(c)
	\$ (2,054,329)	\$ (10,526,224)	\$ (12,580,553)	
E = E-Factor	\$ (0.0461)	\$ (0.2362)	\$ (0.2824)	
<hr/>				
Interruptible Revenue Credit			\$ 72,796	Schedule 10(a)
IRC = Interruptible Revenue Credit / S			\$ 0.0017	
<hr/>				
Net Applicable GCR Expenses = C + E - Interruptible Revenue Credit			\$ 170,608,064	
GCR = SSC + GAC - IRC			\$ 3.8905	

SSC in effect 9/01/18	\$ 1.1382	\$ 3.0162	\$ 4.1544	
GAC in effect 9/01/18	\$ (0.0473)	\$ (0.2421)	\$ (0.2894)	
IRC in effect 9/01/18			\$ (0.0017)	
GCR in effect 9/01/18			\$ 3.8633	Schedule 7

Recovery Test on:

Firm Sales (Mcf)		43,900,134	
= GCR Projected Recovery	\$	169,493,516	
= Load Balancing Revenue	\$	1,110,099	
= LNG Sales Demand Revenue	\$	0	
= Total Projected Recovery	\$	170,603,615	Schedule 7
Compared To			
Net Applicable GCR Expenses	\$	170,608,064	
= Net Over/(Under) Recovery	\$	(4,449)	

Degree Days 3,957

Philadelphia Gas Works

Price To Compare (\$ / MCF)

September 1, 2018

	GCR	GCA	SSC	MFC	MFC Charge	GPC Charge	GAC	Price to Compare
	1	2	3 = (1 - 2)	4	5 = (1 * 4)	6	7	8 = (3 + 5 + 6 + 7)
Residential GS	\$3.8633	(\$0.2911)	\$4.1544	3.76%	\$0.1453	\$0.0400	(\$0.2894)	\$4.0503
Commercial GS	\$3.8633	(\$0.2911)	\$4.1544	0.62%	\$0.0240	\$0.0400	(\$0.2894)	\$3.9290
Industrial GS	\$3.8633	(\$0.2911)	\$4.1544	0.39%	\$0.0151	\$0.0400	(\$0.2894)	\$3.9201
Phila. Housing Authority (PHA)	\$3.8633	(\$0.2911)	\$4.1544	0%	\$0.0000	\$0.0400	(\$0.2894)	\$3.9050
Municipal (MS)	\$3.8633	(\$0.2911)	\$4.1544	0%	\$0.0000	\$0.0400	(\$0.2894)	\$3.9050
NGV Firm	\$3.8633	(\$0.2911)	\$4.1544	0%	\$0.0000	\$0.0400	(\$0.2894)	\$3.9050
Phila. Housing Authority (GS)	\$3.8633	(\$0.2911)	\$4.1544	0%	\$0.0000	\$0.0400	(\$0.2894)	\$3.9050

SALES & VOLUMES

SEPTEMBER 2018 THROUGH AUGUST 2019

<u>MONTH</u>	<u>TOTAL VOLUMES</u>	<u>FIRM TRANSPORT VOLUMES</u>	<u>BILLED SALES</u>	<u>INTERRUPTIBLE SALES</u>	<u>LNG SALES</u>	<u>AIR CONDITIONING SALES</u>	<u>GCR FIRM SALES</u>	<u>SENIOR CITIZEN DISCOUNT SALES</u>	<u>APPLICABLE VOLUMES</u>
	1	2	3 = (1 - 2)	4	4A	4B	5 = (3 - 4 - 4A - 4B)	6	7 = (5 - 6 + 2)
SEPTEMBER 2018	1,047,873	166,411	881,462	5,557	-	2,018	873,887	3,221	1,037,077
OCTOBER	1,540,830	256,158	1,284,672	5,742	-	2,018	1,276,912	5,101	1,527,969
NOVEMBER	3,459,100	463,258	2,995,843	5,557	-	-	2,990,286	14,169	3,439,374
DECEMBER	6,219,742	773,349	5,446,393	5,742	-	-	5,440,651	26,708	6,187,292
JANUARY 2019	10,735,825	1,145,280	9,590,545	5,742	-	-	9,584,803	48,357	10,681,726
FEBRUARY	9,215,578	981,402	8,234,177	5,186	-	-	8,228,990	40,868	9,169,523
MARCH	7,108,090	789,982	6,318,108	5,742	-	-	6,312,366	30,414	7,071,935
APRIL	4,783,055	509,758	4,273,298	5,557	-	-	4,267,741	20,081	4,757,417
MAY	2,190,875	271,542	1,919,333	5,742	-	-	1,913,591	8,004	2,177,128
JUNE	1,339,389	208,198	1,131,191	5,557	-	1,377	1,124,257	3,734	1,328,720
JULY	1,201,375	192,386	1,008,989	5,742	-	1,625	1,001,621	3,203	1,190,805
AUGUST	<u>1,063,789</u>	<u>171,058</u>	<u>892,731</u>	<u>5,742</u>	<u>-</u>	<u>1,961</u>	<u>885,028</u>	<u>2,799</u>	<u>1,053,288</u>
TOTAL	49,905,522	5,928,781	43,976,742	67,609	-	8,999	43,900,134	206,660	49,622,255

**Projected Applicable Fuel Expense
SUMMARY
FY 2017-2018 4th Quarter Filing**

	SEPTEMBER 2018	OCTOBER 2018	NOVEMBER 2018	DECEMBER 2018	JANUARY 2019	FEBRUARY 2019	MARCH 2019	APRIL 2019	MAY 2019	JUNE 2019	JULY 2019	AUGUST 2019	TOTAL
NATURAL GAS BILLED													
DEMAND CHARGE	\$3,880,320	\$3,843,404	\$4,615,006	\$4,671,992	\$4,671,068	\$4,673,302	\$4,610,268	\$3,871,734	\$3,834,744	\$3,869,943	\$3,832,953	\$3,832,029	\$50,206,763
COMMODITY CHARGE	\$7,287,301	\$11,465,910	\$12,803,596	\$15,307,518	\$15,529,053	\$14,139,370	\$13,507,365	\$9,770,663	\$11,247,690	\$8,001,510	\$8,091,931	\$8,103,893	\$135,255,800
TOTAL NATURAL GAS BILLED	\$11,167,621	\$15,309,314	\$17,418,602	\$19,979,510	\$20,200,121	\$18,812,672	\$18,117,633	\$13,642,397	\$15,082,434	\$11,871,453	\$11,924,884	\$11,935,923	\$185,462,563
INTERRUPTIBLE & A/C CREDIT	\$22,128	\$23,445	\$16,656	\$17,644	\$17,614	\$15,821	\$17,089	\$15,005	\$17,867	\$18,858	\$20,280	\$21,244	\$223,652
SENDOUT VOLUME IN MCF	7,833	8,025	5,746	5,938	5,938	5,363	5,938	5,746	5,938	7,171	7,619	7,966	79,222
DKT CONVERSION FACTOR	1.039	1.039	1.039	1.039	1.039	1.039	1.039	1.039	1.039	1.039	1.039	1.039	
PRICE \$/DKT	\$2.7188	\$2.8119	\$2.7897	\$2.8598	\$2.8550	\$2.8391	\$2.7699	\$2.5132	\$2.8959	\$2.5312	\$2.5620	\$2.5667	
GAS USED FOR UTILITY	\$24,251	\$30,249	\$56,380	\$102,718	\$150,890	\$114,310	\$87,204	\$66,091	\$29,735	\$24,748	\$19,789	\$25,204	\$731,569
NATURAL GAS TO STORAGE	(\$4,529,409)	(\$4,820,715)	(\$1,207,513)	\$0	\$0	\$0	(\$312,014)	(\$2,961,314)	(\$6,461,646)	(\$5,709,236)	(\$5,741,623)	(\$5,753,528)	(\$37,496,998)
FROM STORAGE PGW	\$0	\$349,752	\$2,382,208	\$7,113,110	\$10,516,791	\$7,878,155	\$5,197,607	\$1,838,622	\$0	\$0	\$0	\$0	\$35,276,246
FT FROM STORAGE	\$0	\$0	\$49,317	\$406,905	\$627,749	\$477,992	\$240,211	\$2,217	\$0	\$0	\$0	\$0	\$1,804,392
NET NATURAL GAS STORAGE	(\$4,529,409)	(\$4,470,963)	\$1,174,695	\$7,113,110	\$10,516,791	\$7,878,155	\$4,885,593	(\$1,122,692)	(\$6,461,646)	(\$5,709,236)	(\$5,741,623)	(\$5,753,528)	(\$2,220,752)
LNG TO STORAGE	(\$15,628)	(\$589,760)	(\$1,090,563)	(\$1,117,987)	(\$541,751)	(\$463,261)	(\$961,723)	(\$816,512)	(\$392,042)	(\$32,384)	\$0	\$0	(\$6,021,609)
FROM LNG PGW	\$228,295	\$236,799	\$229,541	\$1,089,803	\$1,619,304	\$1,341,721	\$283,763	\$240,175	\$323,477	\$240,714	\$248,722	\$248,722	\$6,331,036
FT FROM LNG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
NET LNG STORAGE	\$212,666	(\$352,961)	(\$861,021)	(\$28,185)	\$1,077,554	\$878,461	(\$677,960)	(\$576,337)	(\$68,564)	\$208,330	\$248,722	\$248,722	\$309,427
LNG SALES FROM LNG TANK	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SENDOUT VOLUMES (MCF)	0	0	0	0	0	0	0	0	0	0	0	0	0
@ AVG LNG COMMODITY RATE	\$2.8148	\$2.8150	\$2.8386	\$2.8808	\$2.9266	\$2.9561	\$2.9810	\$3.0145	\$3.0052	\$3.0174	\$3.0170	\$3.0170	
NET NATURAL GAS EXPENSE	\$6,804,499	\$10,431,697	\$17,659,239	\$26,944,073	\$31,625,962	\$27,439,156	\$22,220,973	\$11,862,271	\$8,504,622	\$6,326,941	\$6,391,914	\$6,384,669	\$182,596,016
APPLICABLE GCR EXPENSE													
NET NATURAL GAS EXPENSE	\$6,804,499	\$10,431,697	\$17,659,239	\$26,944,073	\$31,625,962	\$27,439,156	\$22,220,973	\$11,862,271	\$8,504,622	\$6,326,941	\$6,391,914	\$6,384,669	\$182,596,016
PURCHASED ELECTRIC & MISC	\$28,291	\$34,349	\$43,151	\$53,795	\$76,937	\$64,308	\$56,691	\$45,603	\$38,951	\$24,980	\$42,413	\$30,928	\$540,396
PLANALYTICS	\$0	\$0	\$0	\$0	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$125,000
TOTAL APPLICABLE EXPENSES	\$6,832,791	\$10,466,046	\$17,702,390	\$26,997,868	\$31,827,899	\$27,503,464	\$22,277,663	\$11,907,873	\$8,543,573	\$6,351,921	\$6,434,327	\$6,415,597	\$183,261,412
TOTAL GCR FIRM SALES	857,913	1,269,743	2,998,232	5,401,330	9,428,383	8,098,397	6,232,678	4,205,689	1,891,243	1,104,702	1,002,634	882,393	43,373,336

**FISCAL YEAR 2018
PHILADELPHIA GAS WORKS**

Rate	Split Month		Split Month		Split Month		Split Month		
	7/1/2017	9/1/2017	10/1/2017	12/1/2017	1/1/2018	3/1/2018	4/1/2018	6/1/2018	7/1/2018
SSC in Effect	\$ 4.6924	\$ 4.4557	\$ 4.2189	\$ 4.4734	\$ 4.7279	\$ 4.3145	\$ 3.9010	\$ 3.7664	\$ 3.6317
GAC in Effect	\$ (0.0909)	\$ (0.0775)	\$ (0.0640)	\$ (0.0488)	\$ (0.0335)	\$ (0.0236)	\$ (0.0137)	\$ (0.0114)	\$ (0.0091)
IRC in Effect	\$ (0.0029)	\$ (0.0028)	\$ (0.0026)	\$ (0.0029)	\$ (0.0031)	\$ (0.0024)	\$ (0.0016)	\$ (0.0016)	\$ (0.0016)
Total Effective	\$ 4.5986	\$ 4.3755	\$ 4.1523	\$ 4.4218	\$ 4.6913	\$ 4.2885	\$ 3.8857	\$ 3.7534	\$ 3.6210
Percentage of Total									
C-Factor	102.0%	101.8%	101.6%	101.2%	100.8%	100.6%	100.4%	100.3%	100.3%
E-Factor	-2.0%	-1.8%	-1.5%	-1.1%	-0.7%	-0.6%	-0.4%	-0.3%	-0.3%
IRC-Factor	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

C-Factor										
Demand Charge in Effect	\$ 1.1565	\$ 1.2182	\$ 1.2798	\$ 1.3879	\$ 1.4959	\$ 1.2253	\$ 0.9547	\$ 0.9191	\$ 0.8835	
Commodity in Effect	\$ 3.5359	\$ 3.2375	\$ 2.9391	\$ 3.0856	\$ 3.2320	\$ 3.0892	\$ 2.9463	\$ 2.8473	\$ 2.7482	
	\$ 4.6924	\$ 4.4557	\$ 4.2189	\$ 4.4734	\$ 4.7279	\$ 4.3145	\$ 3.9010	\$ 3.7664	\$ 3.6317	

Percentage of Total										
Demand Charge in Effect	24.6%	27.3%	30.3%	31.0%	31.6%	28.4%	24.5%	24.4%	24.3%	
Commodity in Effect	75.4%	72.7%	69.7%	69.0%	68.4%	71.6%	75.5%	75.6%	75.7%	
	100%	100%	100%	100%	100%	100%	100%	100%	100%	

	C-Factor	E-Factor	Interest	FY 2017
	Over/(Under)	Over/(Under)	Over/(Under)	Final E-Factor
Fiscal Year 2017 E-Factor	\$ 1,654,251	\$ (45,457)	\$ 224,857	\$ 1,833,651

Actual													FY-2018
Fiscal Year 2017-2018	Sep-2017	Oct-2017	Nov-2017	Dec-2017	Jan-2018	Feb-2018	Mar-2018	Apr-2018	May-2018	Jun-2018	Jul-2018	Aug-2018	
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Estimated	Totals
GCR Firm Sales	997,001	1,044,644	2,639,297	5,750,261	10,289,615	7,106,319	6,127,916	5,463,381	2,200,651	1,110,437	929,137	897,171	44,555,831
Migration Rider Sales	-	-	-	-	-	-	-	-	-	-	-	-	-
GCR Revenue Billed	\$ 4,400,671	\$ 4,340,618	10,991,382	\$ 25,504,332	\$ 48,255,247	\$ 33,328,279	\$ 25,778,813	\$ 21,242,258	\$ 8,554,511	\$ 4,188,053	\$ 3,366,599	\$ 3,248,657	\$ 193,199,419
Migration Rider Revenue Billed	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Load Balancing Billed	\$ 93,712	\$ 109,718	113,717	\$ 112,668	\$ 110,288	\$ 109,440	\$ 110,484	\$ 108,365	\$ 107,415	\$ 108,842	\$ 108,034	\$ 89,280	\$ 1,281,962
LNG Sales Demand Charge Credit	\$ -	\$ -	\$ -	\$ -	\$ 152,507	\$ 42,323	\$ -	\$ -	\$ 2,697	\$ 644	\$ 700	\$ -	\$ 198,872
Total Revenue Billed	\$ 4,494,383	\$ 4,450,337	\$ 11,105,098	\$ 25,616,999	\$ 48,518,042.16	\$ 33,480,042.51	\$ 25,889,297.25	\$ 21,350,622.60	\$ 8,664,622.83	\$ 4,297,539.47	\$ 3,475,331.83	\$ 3,337,936.90	\$ 194,680,252.22
Natural Gas Refunds	\$ -	\$ -	-	-	-	-	-	-	-	-	-	-	-
Demand Charges	\$ 5,020,130	\$ 5,162,832	4,690,409	\$ 4,507,314	\$ 4,518,663	\$ 4,333,024	\$ 4,437,763	\$ 4,978,587	\$ 4,991,162	\$ 4,842,221	\$ 4,803,903	\$ 4,782,920	\$ 57,068,928
Supply Charges	\$ 1,640,639	\$ 2,696,137	\$ 13,078,798	\$ 22,587,943	\$ 29,189,416	\$ 18,366,142	\$ 18,998,880	\$ 9,320,521	\$ 3,999,393	\$ 2,545,455	\$ 2,629,352	\$ 2,526,287	\$ 127,578,963
Net Cost of Fuel	\$ 6,660,769	\$ 7,858,969	17,769,207	\$ 27,095,257	\$ 33,708,079	\$ 22,699,166	\$ 23,436,643	\$ 14,299,108	\$ 8,990,555	\$ 7,387,676	\$ 7,433,255	\$ 7,309,208	\$ 184,647,891

**FISCAL YEAR 2018
PHILADELPHIA GAS WORKS
C-FACTOR RECONCILIATION**

MONTH	NET COST	TOTAL	C FACTOR	C FACTOR	LOAD BALANCING	LNG SALES GCR	TOTAL	NATURAL GAS	OVER/	CUMULATIVE
	OF FUEL	GCR		REVENUE			REVENUE		C FACTOR	
	1	2	% of GCR	4 = (2 * 3)	5	6	7 = (4 + 5 + 6)	8	9 = (7 + 8 - 1)	10
	(\$)	(\$)		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 2017	6,660,769	4,400,671	101.8%	4,481,333	93,712	0	4,575,045	0	(2,085,724)	(2,085,724)
OCTOBER	7,858,969	4,340,618	101.6%	4,410,239	109,718	0	4,519,957	0	(3,339,012)	(5,424,736)
NOVEMBER	17,769,207	10,991,382	101.6%	11,167,676	113,717	0	11,281,392	0	(6,487,815)	(11,912,551)
DECEMBER	27,095,257	25,504,332	101.2%	25,801,953	112,668	0	25,914,621	0	(1,180,636)	(13,093,187)
JANUARY 2018	33,708,079	48,255,247	100.8%	48,631,719	110,288	152,507	48,894,514	0	15,186,435	2,093,249
FEBRUARY	22,699,166	33,328,279	100.8%	33,588,295	109,440	42,323	33,740,059	0	11,040,893	13,134,142
MARCH	23,436,643	25,778,813	100.6%	25,934,802	110,484	0	26,045,287	0	2,608,644	15,742,785
APRIL	14,299,108	21,242,258	100.4%	21,325,900	108,365	0	21,434,264	0	7,135,156	22,877,941
MAY	8,990,555	8,554,511	100.4%	8,588,194	107,415	2,697	8,698,306	0	(292,249)	22,585,693
JUNE	7,387,676	4,188,053	100.3%	4,202,559	108,842	644	4,312,045	0	(3,075,631)	19,510,062
JULY	7,433,255	3,366,599	100.3%	3,376,547	108,034	700	3,485,280	0	(3,947,975)	15,562,087
AUGUST	<u>7,309,208</u>	<u>3,248,657</u>	100.3%	<u>3,258,257</u>	<u>89,280</u>	<u>0</u>	<u>3,347,537</u>	<u>0</u>	<u>(3,961,671)</u>	11,600,416
Total	184,647,891	193,199,419		194,767,474	1,281,962	198,872	196,248,307	0	11,600,416	

**FISCAL YEAR 2018
PHILADELPHIA GAS WORKS
E-FACTOR RECONCILIATION**

		TOTAL E-FACTOR VOLUMES 3=(1 + 2)	TOTAL GCR REVENUE BILLED 4	E-FACTOR % of GCR 5	E-FACTOR GCR REVENUE BILLED 6=(4 * 5)	TOTAL E-FACTOR REVENUE 8=(6 + 7)	OVER/(UNDER) PROJECTED RECOVERY (9)
	GCR SALES 1 (MCF)	(MCF)	(\$)		(\$)	(\$)	(\$)
PRIOR YEAR E-FACTOR							\$ 1,833,651
MONTH							
SEPTEMBER 2017	Actual	997,001	997,001 \$	-1.8%	\$ (77,896)	\$ (77,896)	\$ 1,755,754
OCTOBER	Actual	1,044,644	1,044,644 \$	-1.5%	\$ (66,903)	\$ (66,903)	\$ 1,688,852
NOVEMBER	Actual	2,639,297	2,639,297 \$	-1.5%	\$ (169,412)	\$ (169,412)	\$ 1,519,440
DECEMBER	Actual	5,750,261	5,750,261 \$	-1.1%	\$ (281,183)	\$ (281,183)	\$ 1,238,257
JANUARY 2018	Actual	10,289,615	10,289,615 \$	-0.7%	\$ (344,585)	\$ (344,585)	\$ 893,672
FEBRUARY	Actual	7,106,319	7,106,319 \$	-0.7%	\$ (237,993)	\$ (237,993)	\$ 655,679
MARCH	Actual	6,127,916	6,127,916 \$	-0.6%	\$ (141,863)	\$ (141,863)	\$ 513,815
APRIL	Actual	5,463,381	5,463,381 \$	-0.4%	\$ (74,895)	\$ (74,895)	\$ 438,921
MAY	Actual	2,200,651	2,200,651 \$	-0.4%	\$ (30,161)	\$ (30,161)	\$ 408,760
JUNE	Actual	1,110,437	1,110,437 \$	-0.3%	\$ (12,720)	\$ (12,720)	\$ 396,039
JULY	Actual	929,137	929,137 \$	-0.3%	\$ (8,461)	\$ (8,461)	\$ 387,579
AUGUST	Estimated	897,171	897,171 \$	-0.3%	\$ (8,164)	\$ (8,164)	\$ 379,414
TOTAL		44,555,831	44,555,831		\$ (1,454,236)	\$ (1,454,236)	

**FISCAL YEAR 2018
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 2017	4,400,671	-0.06%	(2,766)
OCTOBER	4,340,618	-0.06%	(2,718)
NOVEMBER	10,991,382	-0.06%	(6,882)
DECEMBER	25,504,332	-0.06%	(16,438)
JANUARY 2018	48,255,247	-0.07%	(31,887)
FEBRUARY	33,328,279	-0.07%	(22,023)
MARCH	25,778,813	-0.05%	(14,126)
APRIL	21,242,258	-0.04%	(8,747)
MAY	8,554,511	-0.04%	(3,522)
JUNE	4,188,053	-0.04%	(1,785)
JULY	3,366,599	-0.04%	(1,488)
AUGUST	<u>3,248,657</u>	-0.04%	<u>(1,435)</u>
TOTALS	193,199,419		(113,817)

**FISCAL YEAR 2018
PHILADELPHIA GAS WORKS
RECONCILIATION OF DEMAND CHARGES**

MONTH	DEMAND CHARGES LESS LOAD BALANCING CHARGE REVENUE	DEMAND REVENUE BILLED	MONTHLY DEMAND OVER/(UNDER)	CUMULATIVE DEMAND OVER/(UNDER)
	1	2	3 = (2 - 1)	4
	\$	\$	\$	\$
SEPTEMBER 2017	4,926,418	1,214,497	(3,711,922)	(3,711,922)
OCTOBER	5,053,114	1,336,935	(3,716,178)	(7,428,100)
NOVEMBER	4,576,692	3,377,772	(1,198,920)	(8,627,020)
DECEMBER	4,394,646	7,980,500	3,585,853	(5,041,167)
JANUARY 2018	4,255,868	15,392,235	11,136,367	6,095,200
FEBRUARY	4,181,261	10,630,343	6,449,082	12,544,282
MARCH	4,327,279	7,508,536	3,181,258	15,725,540
APRIL	4,870,222	5,215,890	345,668	16,071,207
MAY	4,881,050	2,100,962	(2,780,088)	13,291,119
JUNE	4,732,735	1,020,603	(3,712,132)	9,578,987
JULY	4,695,170	820,893	(3,874,277)	5,704,710
AUGUST	<u>4,693,640</u>	<u>792,651</u>	<u>(3,900,990)</u>	1,803,720
TOTALS	55,588,095	57,391,815	1,803,720	

FISCAL YEAR 2018
PHILADELPHIA GAS WORKS
INTEREST CALCULATION

<u>MONTH</u>	NET COST	TOTAL	OVER/	INTEREST	TIME	INTEREST	INTEREST	TOTAL
	OF FUEL ⁽¹⁾	C FACTOR REVENUE BILLED ⁽¹⁾	(UNDER) RECOVERY 3 = (2 - 1)	RATE	FACTOR	EXPENSE 6 =(3*4*5)	NATURAL GAS REFUNDS ⁽²⁾	INTEREST 8 = (6+7)
	1	2	3 = (2 - 1)	4	5	6 =(3*4*5)	7	8 = (6+7)
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 17	6,660,769	4,575,045	(2,085,724)	4.50%	18/12	(140,786)	-	(140,786)
OCTOBER	7,858,969	4,519,957	(3,339,012)	4.50%	17/12	(212,862)	-	(212,862)
NOVEMBER	17,769,207	11,281,392	(6,487,815)	4.50%	16/12	(389,269)	-	(389,269)
DECEMBER	27,095,257	25,914,621	(1,180,636)	4.50%	15/12	(66,411)	-	(66,411)
JANUARY 18	33,708,079	48,894,514	15,186,435	4.50%	14/12	797,288	-	797,288
FEBRUARY	22,699,166	33,740,059	11,040,893	4.50%	13/12	538,244	-	538,244
MARCH	23,436,643	26,045,287	2,608,644	4.50%	12/12	117,389	-	117,389
APRIL	14,299,108	21,434,264	7,135,156	4.50%	11/12	294,325	-	294,325
MAY	8,990,555	8,698,306	(292,249)	4.50%	10/12	(10,959)	-	(10,959)
JUNE	7,387,676	4,312,045	(3,075,631)	4.50%	9/12	(103,803)	-	(103,803)
JULY	7,433,255	3,485,280	(3,947,975)	4.50%	8/12	(118,439)	-	(118,439)
AUGUST	7,309,208	3,347,537	(3,961,671)	4.50%	7/12	(103,994)	-	(103,994)
Total	184,647,891	196,248,307	11,600,416			600,723	-	600,723

(1) See Schedule 4(b)

(2) See Schedule 5(c)

**FISCAL YEAR 2018
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 17	0	6.00%	18/12	0
OCTOBER	0	6.00%	17/12	0
NOVEMBER	0	6.00%	16/12	0
DECEMBER	0	6.00%	15/12	0
JANUARY 18	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	0	6.00%	10/12	0
JUNE	0	6.00%	9/12	0
JULY	0	6.00%	8/12	0
AUGUST	0	6.00%	7/12	0
TOTAL	0			0

**FISCAL YEAR 2018
PHILADELPHIA GAS WORKS
DEMAND AND COMMODITY INTEREST CALCULATION**

MONTH	OVER/(UNDER) RECOVERY (1)	DEMAND CHARGE OVER/(UNDER) RECOVERY (2)	COMMODITY CHARGE OVER/(UNDER) RECOVERY	INTEREST RATE	TIME FACTOR	DEMAND INTEREST EXPENSE	COMMODITY INTEREST EXPENSE	TOTAL INTEREST EXPENSE	INTEREST ON REFUNDS (3)	TOTAL INTEREST
	1	2	3=(1-2)	4	5	6=(2*4*5)	7=(3*4*5)	8=(6+7)	9	10=(8+9)
	(\$)	(\$)	(\$)			(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 17	(2,085,724)	(3,711,922)	1,626,197	4.50%	18/12	(250,555)	109,768	(140,786)	0	(140,786)
OCTOBER	(3,339,012)	(3,716,178)	377,167	4.50%	17/12	(236,906)	24,044	(212,862)	0	(212,862)
NOVEMBER	(6,487,815)	(1,198,920)	(5,288,895)	4.50%	16/12	(71,935)	(317,334)	(389,269)	0	(389,269)
DECEMBER	(1,180,636)	3,585,853	(4,766,489)	4.50%	15/12	201,704	(268,115)	(66,411)	0	(66,411)
JANUARY 18	15,186,435	11,136,367	4,050,068	4.50%	14/12	584,659	212,629	797,288	0	797,288
FEBRUARY	11,040,893	6,449,082	4,591,811	4.50%	13/12	314,393	223,851	538,244	0	538,244
MARCH	2,608,644	3,181,258	(572,614)	4.50%	12/12	143,157	(25,768)	117,389	0	117,389
APRIL	7,135,156	345,668	6,789,489	4.50%	11/12	14,259	280,066	294,325	0	294,325
MAY	(292,249)	(2,780,088)	2,487,840	4.50%	10/12	(104,253)	93,294	(10,959)	0	(10,959)
JUNE	(3,075,631)	(3,712,132)	636,501	4.50%	9/12	(125,284)	21,482	(103,803)	0	(103,803)
JULY	(3,947,975)	(3,874,277)	(73,698)	4.50%	8/12	(116,228)	(2,211)	(118,439)	0	(118,439)
AUGUST	(3,961,671)	(3,900,990)	(60,681)	4.50%	7/12	(102,401)	(1,593)	(103,994)	0	(103,994)
TOTAL FY 2018	11,600,416	1,803,720	9,796,696			250,608	350,114	600,723		600,723

**PHILADELPHIA GAS WORKS
LOAD BALANCING CHARGE
SEPTEMBER 1, 2018**

Storage and Peaking Asset Cost	\$ 14,169,490
Design Day Requirements (Mcf)	676,643
Fulfilled from FT Capacity (Mcf)	<u>295,857</u>
Fulfilled from Storage and Peaking Assets (Excess Mcf)	380,786
Annual Storage and Peaking Cost per Excess Mcf	\$ 37.2111
Per Mcf Over / (Under) Adjustment	\$ <u>(0.1668)</u>
Load Balancing Charge	\$ 37.3779

Over / (Under) Recovery	\$ (56,749)
Interest	\$ <u>(5,091)</u>
Total Over/(Under) Recovery	\$ (61,840)
Forecasted SSPC Volumes	370,726
Per Mcf Over / (Under) Adjustment	\$ (0.1668)

CALCULATION OF RECOVERED CHARGES
4th Qtr Filing
September 1, 2018

	<u>50% September</u>	<u>11.5 Months</u>	<u>Total</u>
			(MCF) (\$)
S - Firm Sales (Mcf)	436,943	43,463,190	43,900,134
C-Factor	<u>\$ 3.6317</u>	<u>\$ 4.1544</u>	
Projected Recovery	1,586,847	180,563,478	\$ 182,150,326
S - Firm Sales (Mcf)	436,943	43,463,190	43,900,134
IRC-Factor	<u>\$ (0.0016)</u>	<u>\$ (0.0017)</u>	
Projected Recovery	(699)	(73,887)	\$ (74,587)
E-Factor Volumes (Mcf)	436,943	43,463,190	43,900,134
E-Factor	<u>\$ (0.0091)</u>	<u>\$ (0.2894)</u>	
Projected Recovery	(3,976)	(12,578,247)	\$ (12,582,223)
GCR (\$ / Mcf)	\$ 3.6210	\$ 3.8633	
<hr/>			
GCR Projected Recovery			\$ 169,493,516
Load Balancing Revenue			\$ 1,110,099
LNG Sales Demand Revenue			<u>\$ -</u>
TOTAL PROJECTED RECOVERY			\$ 170,603,615

**Change In Rates
4th Quarter Filing
Rates Effective September 1, 2018**

Current Rates

	<u>06/01/18</u> <u>Distribution Charge</u> (1)	<u>06/01/18</u> <u>GCR</u> (2)	<u>06/01/18</u> <u>MFC</u> (3)	<u>06/01/18</u> <u>GPC</u> (4)	<u>06/01/18</u> <u>Commodity</u> <u>Rate</u> (5)=(1)+(2)+(3)+(4)
Residential GS	\$8.7438	\$3.6210	\$0.1361	\$0.0400	\$12.5409
Commercial GS	\$6.9420	\$3.6210	\$0.0225	\$0.0400	\$10.6255
Industrial GS	\$6.8486	\$3.6210	\$0.0141	\$0.0400	\$10.5237
Phila.Housing Authority (PHA)	\$7.0932	\$3.6210	\$0.0000	\$0.0400	\$10.7542
Municipal (MS)	\$6.3015	\$3.6210	\$0.0000	\$0.0400	\$9.9625
Phila.Housing Authority (GS)	\$7.7576	\$3.6210	\$0.0000	\$0.0400	\$11.4186

September 1, 2018 - Distribution Charge

	<u>Delivery</u>	<u>Surcharges</u>				<u>Total</u>	
	<u>Delivery</u> <u>Charge</u> (6)	<u>Other Post</u> <u>Employment</u> <u>Benefit</u> (7)	<u>Efficiency</u> <u>Cost</u> <u>Recovery</u> (8)	<u>Universal</u> <u>Service &</u> <u>Ener. Cons.</u> (9)	<u>Restructuring &</u> <u>Consumer</u> <u>Education</u> (10)	<u>Total</u> <u>Surcharges</u> (11)=(7)+(8)+(9)+(10)	<u>Distribution</u> <u>Charge / Mcf</u> (12)=(11)+(6)
Residential GS	\$6.6967	\$0.3094	\$0.0198	\$1.4438	\$0.0000	\$1.7730	\$8.4697
Commercial GS	\$4.8651	\$0.3094	\$0.0529	\$1.4438	\$0.0000	\$1.8061	\$6.6712
Industrial GS	\$4.7698	\$0.3094	\$0.0566	\$1.4438	\$0.0000	\$1.8098	\$6.5796
Phila.Housing Authority (PHA)	\$5.0163	\$0.3094	\$0.0529	\$1.4438	\$0.0000	\$1.8061	\$6.8224
Municipal (MS)	\$4.2723	\$0.3094	\$0.0000	\$1.4438	\$0.0000	\$1.7532	\$6.0255
Phila.Housing Authority (GS)	\$5.7105	\$0.3094	\$0.0198	\$1.4438	\$0.0000	\$1.7730	\$7.4835

Proposed Rates

	<u>09/01/18</u> <u>Distribution Charge</u> (12)	<u>09/01/18</u> <u>GCR</u> (13)	<u>09/01/18</u> <u>MFC</u> (14)	<u>09/01/18</u> <u>GPC</u> (15)	<u>09/01/18</u> <u>Commodity</u> <u>Rate</u> (16)=(12)+(13)+(14)+(15)	<u>Difference</u> (17)=(16)-(5)
Residential GS	\$8.4697	\$3.8633	\$0.1453	\$0.0400	\$12.5183	(\$0.0226)
Commercial GS	\$6.6712	\$3.8633	\$0.0240	\$0.0400	\$10.5985	(\$0.0270)
Industrial GS	\$6.5796	\$3.8633	\$0.0151	\$0.0400	\$10.4980	(\$0.0257)
Phila.Housing Authority (PHA)	\$6.8224	\$3.8633	\$0.0000	\$0.0400	\$10.7257	(\$0.0285)
Municipal (MS)	\$6.0255	\$3.8633	\$0.0000	\$0.0400	\$9.9288	(\$0.0337)
Phila.Housing Authority (GS)	\$7.4835	\$3.8633	\$0.0000	\$0.0400	\$11.3868	(\$0.0318)

PHILADELPHIA GAS WORKS
SEPTEMBER 1,2018- 4TH QTR FILING
UNIVERSAL SERVICE & ENERGY CONSERVATION SURCHARGE

	Expenses in the Surcharge
Enhanced Low Income Retrofit Program (ELIRP)	\$ 8,209,445
Customer Responsibility Program (CRP)	\$ 56,835,138
Senior Citizen Discount *	\$ 2,755,900
<u>August 2018 Under Collection</u>	<u>\$ 3,264,781</u>
Total \$ to be Recovered	\$ 71,065,264
 Total Applicable Volumes	 Mcf 49,221,413
 Universal Service & Energy Conservation Surcharge	 <u>\$ 1.4438</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 \$3,072,601.

**STATEMENT OF RECONCILIATION
UNIVERSAL SERVICES & ENERGY CONSERVATION SURCHARGE
SEPTEMBER 2017 THROUGH AUGUST 2018**

Month		USC Applicable Volumes	USC Charge	USC Revenue Billed	USC Expenses	Monthly Over/(Under) Recovery	Cumulative Over/(Under) Recovery (\$13,309,033)
FY 17 Reconciliation							
September 2017	Actual	1,160,592	\$ 1.4092	\$ 1,635,448	\$ (944,104)	\$ 2,579,552	(\$10,729,481)
October	Actual	1,228,327	\$ 1.3701	\$ 1,682,931	\$ (145,235)	\$ 1,828,166	(\$8,901,315)
November	Actual	3,034,129	\$ 1.3701	\$ 4,157,060	\$ 3,285,532	\$ 871,528	(\$8,029,787)
December	Actual	6,319,455	\$ 1.4273	\$ 9,019,758	\$ 9,481,610	\$ (461,852)	(\$8,491,639)
January 2018	Actual	11,176,645	\$ 1.4845	\$ 16,591,730	\$ 17,137,459	\$ (545,730)	(\$9,037,369)
February	Actual	7,734,457	\$ 1.4845	\$ 11,481,801	\$ 13,471,632	\$ (1,989,831)	(\$11,027,200)
March	Actual	6,735,807	\$ 1.5995	\$ 10,773,923	\$ 10,570,930	\$ 202,993	(\$10,824,206)
April	Actual	5,943,997	\$ 1.7145	\$ 10,190,982	\$ 8,005,397	\$ 2,185,586	(\$8,638,621)
May	Actual	2,448,499	\$ 1.7145	\$ 4,197,952	\$ 3,270,043	\$ 927,909	(\$7,710,712)
June	Actual	1,291,720	\$ 1.6788	\$ 2,168,474	\$ 243,316	\$ 1,925,158	(\$5,785,554)
July	Actual	1,086,850	\$ 1.6430	\$ 1,785,695	\$ 853,058	\$ 932,637	(\$4,852,917)
August	Estimated	1,060,935	\$ 1.6430	\$ 1,743,116	\$ 154,980	\$ 1,588,137	(\$3,264,781)

USC Expenses	Sep-17 Actual	Oct-17 Actual	Nov-17 Actual	Dec-17 Actual	Jan-18 Actual	Feb-18 Actual	Mar-18 Actual	Apr-18 Actual	May-18 Actual	Jun-18 Actual	Jul-18 Actual	Aug-18 Estimated
ELIRP Expense	\$ -	\$ 430,271	\$ 367,950	\$ 373,571	\$ 347,964	\$ 354,668	\$ 8,647	\$ 448,997	\$ 1,173,520	\$ 790,028	\$ 647,725	\$ 1,544,928
ELIRP Labor	\$ 14,196	\$ 13,745	\$ 5,432	\$ 17,247	\$ 14,054	\$ 4,742	\$ 18,459	\$ 14,800	\$ 14,182	\$ 18,444	\$ 14,572	\$ 25,486
CRP Discount	\$ (1,713,498)	\$ (1,406,870)	\$ 2,023,880	\$ 8,006,203	\$ 15,365,947	\$ 11,933,868	\$ 9,345,516	\$ 6,545,968	\$ 1,181,194	\$ (1,246,795)	\$ (1,769,297)	\$ (2,162,543)
CRP Forgiveness	\$ 662,258	\$ 712,670	\$ 636,542	\$ 585,157	\$ 597,001	\$ 540,512	\$ 679,760	\$ 582,734	\$ 710,387	\$ 579,338	\$ 1,874,354	\$ 665,550
Senior Citizen Discount	\$ 92,940	\$ 104,949	\$ 251,729	\$ 499,432	\$ 812,493	\$ 637,843	\$ 518,548	\$ 412,898	\$ 190,760	\$ 102,302	\$ 85,703	\$ 81,559
Bad Debt Expense Offset*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ (944,104)	\$ (145,235)	\$ 3,285,532	\$ 9,481,610	\$ 17,137,459	\$ 13,471,632	\$ 10,570,930	\$ 8,005,397	\$ 3,270,043	\$ 243,316	\$ 853,058	\$ 154,980

CRP Participation												
Rate Case Participation Rate		84,000	84,000	84,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000
Actual Participation Rate		48,523	48,693	48,904	49,310	49,311	49,312	49,313	49,314	47,795	47,419	47,940
CRP Under(Over) Participation		35,477	35,307	35,096	10,690	10,689	10,688	10,687	10,686	12,205	12,581	12,060
Average Shortfall Per CRP Participant												
CRP Discount		\$ (1,713,498)	\$ (1,406,870)	\$ 2,023,880	\$ 8,006,203	\$ 15,365,947	\$ 11,933,868	\$ 9,345,516	\$ 6,545,968	\$ 1,181,194	\$ (1,246,795)	\$ (1,769,297)
Actual Participation Rate		48,523	48,693	48,904	49,310	49,311	49,312	49,313	49,314	47,795	47,419	47,940
Average Shortfall per CRP Participant		\$ (35)	\$ (29)	\$ 41	\$ 162	\$ 312	\$ 242	\$ 190	\$ 133	\$ 25	\$ (26)	\$ (37)
Shortfall												
Bad Debt Expense Offset*	7.1%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bad Debt Expense Offset**	7.5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

*Bad Debt Expense Offset Applicable When Actual CRP Participation Exceeds 84,000

** Effective December 2017--Bad Debt Expense Offset Applicable When Actual CRP Participation Exceeds 60,000

INTERRUPTIBLE REVENUE CREDIT
September 1, 2018

Fiscal Year 2017 Reconciliation (8/31/17) \$ 108,827 Schedule 10 (c)

<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	Estimated \$ (1,435)	\$ 4,306	
Act/Est IRC Credit September 2017 to August 2018	<u>\$ (113,817)</u>		
Act/Est Margin September 2017 to August 2018		<u>\$ 27,080</u>	<u>\$ 27,080</u>

FY 2017 Reconciliation Plus Act/Est Margin September 2017 to August 2018 \$ 135,907

FY 2017 Reconciliation Plus Act/Est Margin September 2017 to August 2018	\$ 135,907	
Act/Est IRC Credit September 2017 to August 2018	<u>\$ (113,817)</u>	
Reconciliation as of August 31, 2018	\$ 22,090	
Margin - September 2018 through August 2019	<u>\$ 50,706</u>	Schedule 10 (b)
August 1, 2018 Interruptible Revenue Credit	\$ 72,796	

GCR Firm Sales **43,900,134** Schedule 2

September 1, 2018 IRC/Mcf **\$ 0.0017**

INTERRUPTIBLE REVENUE MARGIN
4th Qtr Filing

<u>MONTH</u>		<u>MARGIN</u>
September-18	Estimated	\$ 4,168
October	Estimated	\$ 4,307
November	Estimated	\$ 4,168
December	Estimated	\$ 4,307
January-19	Estimated	\$ 4,306
February	Estimated	\$ 3,890
March	Estimated	\$ 4,307
April	Estimated	\$ 4,168
May	Estimated	\$ 4,307
June	Estimated	\$ 4,167
July	Estimated	\$ 4,306
August	Estimated	\$ 4,307
Total		\$ <u>50,706</u>

INTERRUPTIBLE REVENUE CREDIT
FY 2017

Fiscal Year 2016 Reconciliation (8/31/16) \$ 85,233

<u>MONTH</u>		<u>IRC</u> <u>CREDIT</u>	<u>MARGIN</u>	
September-16	Actual	\$ (1,677)	\$	2,874
October	Actual	\$ (2,051)	\$	5,287
November	Actual	\$ (4,379)	\$	26,127
December	Actual	\$ (10,243)	\$	65
January-17	Actual	\$ (16,678)	\$	2,235
February	Actual	\$ (13,468)	\$	7,504
March	Actual	\$ (10,902)	\$	44,999
April	Actual	\$ (7,412)	\$	8,673
May	Actual	\$ (3,018)	\$	685
June	Actual	\$ (2,993)	\$	1,070
July	Actual	\$ (2,800)	\$	932
August	Actual	\$ (2,604)	\$	1,368
Act/Est IRC Credit September 2016 to August 2017		\$ (78,225)		
Act/Est Margin September 2016 to August 2017			\$ 101,819	\$ 101,819
FY 2016 Reconciliation Plus Act/Est Margin September 2016 to August 2017				<u>\$ 187,052</u>

FY 2016 Reconciliation Plus Act/Est Margin September 2016 to August 2017	\$ 187,052
Act/Est IRC Credit September 2016 to August 2017	<u>\$ (78,225)</u>
Reconciliation as of August 31, 2017	\$ 108,827

**OTHER POST EMPLOYMENT BENEFIT (OPEB) SURCHARGE
FISCAL YEAR 2019**

FY 2017 Over/(Under) Recovery (\$2,134,847)

<u>Month</u>		<u>OPEB Volumes</u>	<u>OPEB Surcharge</u>	<u>Revenue Billed</u>
September 2017	Actual	1,164,741	\$0.3755	\$437,302
October	Actual	1,232,940	\$0.3785	\$466,668
November	Actual	3,049,396	\$0.3785	\$1,154,196
December	Actual	6,352,946	\$0.3785	\$2,404,590
January 2018	Actual	11,234,414	\$0.3785	\$4,252,226
February	Actual	7,773,775	\$0.3785	\$2,942,374
March	Actual	6,769,418	\$0.3785	\$2,562,225
April	Actual	5,974,099	\$0.3785	\$2,261,196
May	Actual	2,459,499	\$0.3785	\$930,920
June	Actual	1,296,164	\$0.3785	\$490,598
July	Actual	1,090,327	\$0.3785	\$412,689
<u>August</u>	Estimated	<u>1,064,258</u>	\$0.3785	<u>\$402,822</u>
Total		49,461,978		\$18,717,806

FY 2018 Act/Est OPEB & FY 2017 Reconciliation	\$16,582,960
FY 2018 Permitted Recovery	<u>\$16,000,000</u>
Over/(Under) Recovery	\$582,960

FY 2018 Under Recovery	(<u>\$582,960</u>)
FY 2019 Permitted Recovery	<u>\$16,000,000</u>
FY 2019 Recovery	\$15,417,040

FY 2019 Volumes	49,827,427
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FY 2019 OPEB Surcharge / Mcf	\$0.3094
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EFFICIENCY COST RECOVERY (ECR) SURCHARGE
SEPTEMBER 1, 2018

<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	\$ 898,985	\$ 92,269	\$ 639	\$ 991,893
Labor Expense	\$ 21,833	\$ 2,241	\$ 16	\$ 24,089
Commercial & Industrial Retrofit Incentive (CIRI)				
Program Expense	\$ 138,805	\$ 250,550	\$ -	\$ 389,355
Labor Expense	\$ 4,023	\$ 7,261	\$ -	\$ 11,284
Commercial & Industrial Equipment Rebate (CIER)				
Program Expense	\$ 5,561	\$ 295,199	\$ 48,640	\$ 349,400
Labor Expense	\$ 158	\$ 8,371	\$ 1,379	\$ 9,908
High-Efficiency Construction Incentive (HECI)				
Program Expense	\$ 109,582	\$ 134,399	\$ -	\$ 243,981
Labor Expense	\$ 2,518	\$ 3,088	\$ -	\$ 5,606
Comprehensive Residential Retrofit Incentive (CRRI)				
Program Expense	\$ -	\$ -	\$ -	\$ -
Labor Expense	\$ -	\$ -	\$ -	\$ -
Total Expense	<u>\$1,181,465</u>	<u>\$793,377</u>	<u>\$50,674</u>	<u>\$2,025,516</u>
Prior Period Reconciliation (8/31/18)	<u>\$ (458,411)</u>	<u>\$ (189,725)</u>	<u>\$ 2,082</u>	<u>\$ (646,054)</u>
Total	\$723,054	\$603,652	\$52,756	\$1,379,462
Volumes - Mcf (GCR Firm & Firm Transportation)	36,481,379	11,415,909	931,952	

Efficiency Cost Recovery Surcharge / Mcf	\$0.0198	\$0.0529	\$0.0566
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**EFFICIENCY COST RECOVERY (ECR) SURCHARGE
STATEMENT OF RECONCILIATION
4th Quarter Filing**

		Actual Sep-17	Actual Oct-17	Actual Nov-17	Actual Dec-17	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Estimated Aug-18	Total FY 2017
RESIDENTIAL & PHA GS														
FY 2017 Over-Collection	\$ 423,608													
Volume Billed		741,149	774,207	2,072,645	4,741,689	8,580,658	5,886,716	5,027,436	4,524,624	1,774,058	855,824	690,326	676,215	36,345,547
ECR Surcharge		\$ 0.0175	\$ 0.0196	\$ 0.0196	\$ 0.0211	\$ 0.0225	\$ 0.0225	\$ 0.0199	\$ 0.0173	\$ 0.0173	\$ 0.0176	\$ 0.0179	\$ 0.0179	
Revenue Billed		\$ 12,970	\$ 15,174	\$ 40,624	\$ 99,813	\$ 193,065	\$ 132,451	\$ 100,046	\$ 78,276	\$ 30,691	\$ 15,063	\$ 12,357	\$ 12,104	\$ 742,634
RHER	Expense	\$ -	\$ 73,271	\$ 88,391	\$ 18,813	\$ 57,321	\$ 89,579	\$ 11,077	\$ (17,047)	\$ 31,153	\$ 81,765	\$ 9,357	\$ 61,700	\$ 505,380
RHER	Labor	\$ 1,393	\$ 1,349	\$ 3,656	\$ 1,693	\$ 1,379	\$ 6,501	\$ 1,812	\$ 1,453	\$ 2,413	\$ 1,810	\$ 1,430	\$ (7,679)	\$ 17,210
HECI	Expense	\$ -	\$ 11,587	\$ 13,873	\$ 55	\$ 2,679	\$ 37,948	\$ 1,377	\$ (913)	\$ 9,353	\$ 19,630	\$ 2,800	\$ 10,497	\$ 108,885
HECI	Labor	\$ 220	\$ 213	\$ 389	\$ 268	\$ 218	\$ 1,755	\$ 287	\$ 230	\$ 593	\$ 286	\$ 226	\$ (1,964)	\$ 2,722
CRR1	Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CRR1	Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIRI	Expense	\$ -	\$ 15,653	\$ 9,894	\$ 75	\$ 18,778	\$ 81,349	\$ 1,827	\$ (2,226)	\$ (676)	\$ 7,289	\$ 2,480	\$ (73,589)	\$ 60,855
CIRI	Labor	\$ 298	\$ 288	\$ 144	\$ 362	\$ 295	\$ 5,716	\$ 387	\$ 310	\$ (282)	\$ 387	\$ 306	\$ (4,533)	\$ 3,677
CIER	Expense	\$ -	\$ 695	\$ 4,617	\$ 543	\$ 473	\$ 404	\$ 107	\$ 450	\$ 1,851	\$ 1,223	\$ (153)	\$ (1,271)	\$ 8,939
CIER	Labor	\$ 13	\$ 13	\$ 255	\$ 16	\$ 13	\$ 62	\$ 17	\$ 14	\$ 80	\$ 17	\$ 14	\$ (350)	\$ 163
Total		\$ 1,924	\$ 103,070	\$ 121,220	\$ 21,823	\$ 81,156	\$ 223,314	\$ 16,890	\$ (17,729)	\$ 44,483	\$ 112,408	\$ 16,459	\$ (17,188)	\$ 707,830
Monthly Over/(Under)		\$ 11,046	\$ (87,895)	\$ (80,596)	\$ 77,989	\$ 111,909	\$ (90,863)	\$ 83,156	\$ 96,005	\$ (13,792)	\$ (97,345)	\$ (4,103)	\$ 29,292	
Cumulative Over/(Under)		\$ 434,653	\$ 346,758	\$ 266,162	\$ 344,151	\$ 456,060	\$ 365,197	\$ 448,353	\$ 544,358	\$ 530,566	\$ 433,221	\$ 429,119	\$ 458,411	
COMMERCIAL & PHA														
FY 2017 Over-Collection	\$ 479,880													
Volume Billed		377,460	409,934	845,153	1,352,842	2,236,980	1,582,385	1,484,817	1,231,192	590,323	385,045	353,539	345,186	11,194,856
ECR Surcharge		\$ 0.0494	\$ 0.0407	\$ 0.0407	\$ 0.0440	\$ 0.0472	\$ 0.0472	\$ 0.0441	\$ 0.0410	\$ 0.0410	\$ 0.0444	\$ 0.0477	\$ 0.0477	
Revenue Billed		\$ 18,628	\$ 16,684	\$ 34,398	\$ 59,457	\$ 105,585	\$ 74,689	\$ 65,480	\$ 50,479	\$ 24,203	\$ 17,077	\$ 16,864	\$ 16,465	\$ 500,010
RHER	Expense	\$ -	\$ 7,520	\$ 8,830	\$ 1,931	\$ 5,883	\$ (11,056)	\$ 1,137	\$ (1,750)	\$ (3,056)	\$ 8,392	\$ 960	\$ 33,079	\$ 51,870
RHER	Labor	\$ 143	\$ 138	\$ 366	\$ 174	\$ 142	\$ (323)	\$ 186	\$ 149	\$ (395)	\$ 186	\$ 147	\$ 854	\$ 1,766
CRR1	Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CRR1	Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIRI	Expense	\$ -	\$ 28,255	\$ 17,860	\$ 135	\$ 33,896	\$ (80,145)	\$ 3,297	\$ (4,018)	\$ 721	\$ 13,157	\$ 4,477	\$ 92,211	\$ 109,846
CIRI	Labor	\$ 537	\$ 520	\$ 260	\$ 653	\$ 532	\$ (2,502)	\$ 699	\$ 560	\$ (1,259)	\$ 698	\$ 552	\$ 5,387	\$ 6,637
CIER	Expense	\$ -	\$ 36,890	\$ 114,227	\$ 28,825	\$ 25,089	\$ 44,751	\$ 5,673	\$ 23,912	\$ 103,434	\$ 64,935	\$ (8,124)	\$ 34,885	\$ 474,499
CIER	Labor	\$ 701	\$ 679	\$ 6,608	\$ 852	\$ 694	\$ 4,262	\$ 912	\$ 731	\$ 4,761	\$ 911	\$ 720	\$ (13,168)	\$ 8,665
HECI	Expense	\$ -	\$ 14,211	\$ 6,281	\$ 68	\$ 3,285	\$ (23,846)	\$ 1,689	\$ (1,120)	\$ (569)	\$ 24,076	\$ 3,434	\$ 106,034	\$ 133,543
HECI	Labor	\$ 270	\$ 262	\$ 131	\$ 328	\$ 268	\$ (1,258)	\$ 351	\$ 282	\$ (633)	\$ 351	\$ 277	\$ 2,710	\$ 3,338
Total		\$ 1,652	\$ 88,476	\$ 154,562	\$ 32,965	\$ 69,789	\$ (70,117)	\$ 13,944	\$ 18,746	\$ 103,006	\$ 112,706	\$ 2,443	\$ 261,992	\$ 790,164
Monthly Over/(Under)		\$ 16,976	\$ (71,792)	\$ (120,164)	\$ 26,493	\$ 35,796	\$ 144,805	\$ 51,537	\$ 31,732	\$ (78,802)	\$ (95,630)	\$ 14,421	\$ (245,527)	
Cumulative Over/(Under)		\$ 496,856	\$ 425,064	\$ 304,900	\$ 331,393	\$ 367,189	\$ 511,995	\$ 563,531	\$ 595,264	\$ 516,461	\$ 420,832	\$ 435,253	\$ 189,725	
INDUSTRIAL														
FY 2017 Over-Collection	\$ 51,029													
Volume Billed		28,842	30,282	69,559	113,515	190,026	116,542	116,906	81,866	45,459	33,662	30,987	27,505	885,151
ECR Surcharge		\$ 0.0507	\$ 0.0419	\$ 0.0419	\$ 0.0338	\$ 0.0256	\$ 0.0256	\$ 0.0235	\$ 0.0213	\$ 0.0213	\$ 0.0355	\$ 0.0496	\$ 0.0496	
Revenue Billed		\$ 1,461	\$ 1,269	\$ 2,915	\$ 3,831	\$ 4,865	\$ 2,983	\$ 2,741	\$ 1,744	\$ 968	\$ 1,193	\$ 1,537	\$ 1,364	\$ 26,871
RHER	Expense	\$ -	\$ 52	\$ 11	\$ 13	\$ 41	\$ 2,505	\$ 8	\$ (12)	\$ (730)	\$ 58	\$ 7	\$ (1,593)	\$ 359
RHER	Labor	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 123	\$ 1	\$ 1	\$ (14)	\$ 1	\$ 1	\$ (106)	\$ 12
CIRI	Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIRI	Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIER	Expense	\$ -	\$ 6,078	\$ (1,278)	\$ 4,749	\$ 4,134	\$ (13,684)	\$ 935	\$ 3,940	\$ (4,875)	\$ 10,699	\$ (1,339)	\$ 68,822	\$ 78,183
CIER	Labor	\$ 116	\$ 112	\$ 26	\$ 140	\$ 114	\$ (509)	\$ 150	\$ 120	\$ (271)	\$ 150	\$ 119	\$ 1,159	\$ 1,428
Total		\$ 117	\$ 6,243	\$ (1,240)	\$ 4,904	\$ 4,290	\$ (11,565)	\$ 1,094	\$ 4,049	\$ (5,889)	\$ 10,909	\$ (1,212)	\$ 68,282	\$ 79,982
Monthly Over/(Under)		\$ 1,344	\$ (4,975)	\$ 4,155	\$ (1,073)	\$ 575	\$ 14,548	\$ 1,647	\$ (2,306)	\$ 6,858	\$ (9,716)	\$ 2,749	\$ (66,918)	
Cumulative Over/(Under)		\$ 52,373	\$ 47,399	\$ 51,554	\$ 50,480	\$ 51,055	\$ 65,603	\$ 67,250	\$ 64,944	\$ 71,802	\$ 62,086	\$ 64,836	\$ (2,082)	

**Philadelphia Gas Works
Restructuring & Consumer Education Surcharge
FISCAL YEAR 2019**

FY 2017 Over/(Under) Recovery

(\$283,927)

Schedule 13(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>	Estimated	<u>1,064,258</u>	\$0.0077	<u>\$8,195</u>
Total		49,461,978		\$376,955

FY 2018 Act/Est R&CE Recovery

\$93,028

FY 2018 Permitted Recovery

\$26,898

Schedule 13(c)

Over/(Under) Recovery

\$66,130

FY 2018 Under Recovery

(\$66,130)

FY 2019 Permitted Recovery

\$66,673

Schedule 13(c)

FY 2019 Recovery

\$542

FY 2019 Volumes

49,827,427

FY 2019 R&CE Surcharge / Mcf

\$0.0000

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

FY 2016 Over/(Under) Recovery (\$259,274)

<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 (\$212,110)

FY 2017 Permitted Recovery \$71,817

Over/(Under) Recovery (\$283,927)

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

Fiscal Year Month	FY 2018													FY18 Total	FY19 Est
	Sep-17 Actual	Oct-17 Actual	Nov-17 Actual	Dec-17 Actual	Jan-18 Actual	Feb-18 Actual	Mar-18 Actual	Apr-18 Actual	May-18 Actual	Jun-18 Actual	Jul-18 Actual	Aug-18 Est			
Capital															
POR Build (90%)	\$ -	\$ -	\$ 6,043	\$ 9,914	\$ 5,728	\$ 2,361	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,851	\$ 26,898	\$ 54,173	
Access. Mech. (100%)															
Operating															
Mailers (50%)															
Access Mech. (100%)														\$ 12,500	
Totals	\$ -	\$ -	\$ 6,043	\$ 9,914	\$ 5,728	\$ 2,361	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,851	\$ 26,898	\$ 66,673	

Natural Gas Prices Used for PGW's - September 1, 2018 - 4th Quarter GCR Filing

Basis Differentials

	TRANSCO				TETCO							NYMEX Futures 08/03/18 Close	TRANSCO				TETCO					
	Sta 30	Sta 45	Sta 65	Sta. 85	Zone 6-Non-NY	ELA	WLA	STX	M-1	M-2	Dom.S.Pt		Sta 30	Sta 45	Sta 65	Sta. 85	Zone 6-Non-NY	ELA	WLA	STX	M-1	M-2
	Aug-18													2.822	2.76	2.79	2.77	2.79	2.80	2.73	2.77	2.82
Sep-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.853	2.74	2.71	2.83	2.84	2.92	2.79	2.77	2.72	2.75	2.64
Oct-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.862	2.75	2.72	2.84	2.85	2.93	2.80	2.78	2.73	2.76	2.65
Nov-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.898	2.79	2.76	2.88	2.89	2.97	2.84	2.82	2.77	2.80	2.69
Dec-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.998	2.89	2.86	2.98	2.99	3.07	2.94	2.92	2.87	2.90	2.79
Jan-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	3.082	2.97	2.94	3.06	3.07	3.15	3.02	3.00	2.95	2.98	2.87
Feb-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	3.045	2.94	2.91	3.03	3.04	3.12	2.99	2.97	2.92	2.95	2.84
Mar-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.941	2.83	2.80	2.92	2.93	3.01	2.88	2.86	2.81	2.84	2.73
Apr-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.626	2.52	2.49	2.61	2.62	2.70	2.57	2.55	2.50	2.53	2.42
May-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.959	2.85	2.82	2.94	2.95	3.03	2.90	2.88	2.83	2.86	2.75
Jun-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.624	2.51	2.48	2.60	2.61	2.69	2.56	2.54	2.49	2.52	2.41
Jul-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.657	2.55	2.52	2.64	2.65	2.73	2.60	2.58	2.53	2.56	2.45
Aug-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.662	2.55	2.52	2.64	2.65	2.73	2.60	2.58	2.53	2.56	2.45

Actual Natural Gas Billed

	<u>Apr-18</u>	<u>May-18</u>	<u>Jun-18</u>
Williams	\$ 2,545,593.65	\$ 2,602,128.12	\$ 2,497,012.09
Texas Eastern	\$ 2,435,514.94	\$ 2,313,544.56	\$ 2,136,587.45
Dominion	\$ 122,212.80	\$ 137,287.36	\$ 127,405.37
Equitrans	\$ -	\$ -	\$ -
Spot Purchases -Transco	\$ 124,436.78	\$ 27,271.56	\$ 14,212.53
Spot Purchases -Tetco	\$ -	\$ -	\$ -
Transco Supply2	\$ 385,500.00	\$ 396,800.00	\$ 396,000.00
Transco Supply3	\$ -	\$ -	\$ -
Transco Supply6	\$ 387,000.00	\$ 395,250.00	\$ 397,500.00
Transco Supply7	\$ -	\$ -	\$ -
Transco Supply8	\$ 685,914.79	\$ 644,879.04	\$ 454,479.64
Transco Supply10	\$ -	\$ -	\$ -
Transco Supply12	\$ -	\$ -	\$ -
Transco Supply14	\$ 384,375.00	\$ 395,637.50	\$ 394,875.00
Transco Supply17	\$ -	\$ -	\$ -
Transco Supply20	\$ -	\$ -	\$ -
Transco Supply21	\$ -	\$ -	\$ -
Transco Supply22	\$ 1,443,040.50	\$ 942,277.70	\$ 901,812.68
Transco Supply23	\$ 774,000.00	\$ 799,800.00	\$ 852,000.00
Transco Supply24	\$ -	\$ -	\$ -
Transco Supply25	\$ -	\$ -	\$ -
Transco Supply26	\$ -	\$ -	\$ -
Transco Supply27	\$ -	\$ -	\$ -
Transco Supply28	\$ -	\$ -	\$ -
Transco Supply29	\$ 385,125.00	\$ 396,412.50	\$ 395,625.00
Transco Supply30	\$ 85,034.61	\$ -	\$ -
Transco Supply31	\$ -	\$ -	\$ -
Transco Supply32	\$ -	\$ -	\$ -
Tetco Supply1	\$ 662,250.00	\$ 699,825.00	\$ 653,250.00
Tetco Supply2	\$ -	\$ -	\$ -
Tetco Supply3	\$ -	\$ -	\$ -
Tetco Supply4	\$ -	\$ -	\$ -
Tetco Supply5	\$ -	\$ -	\$ -
Tetco Supply7	\$ -	\$ -	\$ -
Tetco Supply13	\$ -	\$ -	\$ -
Tetco Supply14	\$ -	\$ -	\$ -
Tetco Supply16	\$ 662,250.00	\$ 699,825.00	\$ 653,250.00
Tetco Supply17	\$ -	\$ -	\$ -
Tetco Supply18	\$ -	\$ -	\$ -
Tetco Supply19	\$ -	\$ -	\$ -
Tetco Supply20	\$ -	\$ -	\$ -
Tetco Supply21	\$ -	\$ -	\$ -
Tetco Supply22	\$ -	\$ -	\$ -
Tetco Supply23	\$ -	\$ -	\$ -
Tetco Supply24	\$ 794,819.22	\$ 894,032.85	\$ 964,700.00
Tetco Supply25	\$ -	\$ -	\$ -
Tetco Supply26	\$ 1,172,787.12	\$ 692,230.92	\$ 681,167.22
Tetco Supply27	\$ -	\$ -	\$ -
Tetco Supply28	\$ 331,350.00	\$ 350,145.00	\$ 326,850.00
Tetco Supply29	\$ -	\$ -	\$ -
Tetco Supply30	\$ -	\$ -	\$ -
Tetco Supply31	\$ -	\$ -	\$ -
Total Costs	\$ 13,381,204	\$ 12,387,347	\$ 11,846,727
Sharing Mechanism	\$ 20,133	\$ 59,439	\$ 64,209
Asset Management Agreement	\$ -	\$ -	\$ -
Off System Sales	\$ -	\$ -	\$ -
Gas Transportation Purchases	\$ -	\$ -	\$ -
Adjustment/Reconciliation	\$ (160,818)	\$ 92,889	\$ 74,482
Total Natural Gas Billed	\$ 13,240,520	\$ 12,539,675	\$ 11,985,418

Philadelphia Gas Works Summary of Fuels Purchased Three Months Ending June 2018

	<u>Actual</u>				<u>Projected</u>			<u>Actual Over/Under vs Projected</u>				
	<u>Apr-18</u>	<u>May-18</u>	<u>Jun-18</u>	<u>Total</u>	<u>2nd Qtr Filing Apr-18</u>	<u>3rd Qtr Filing May-18</u>	<u>Projected 3rd Qtr Filing Jun-18</u>	<u>Total</u>	<u>Apr-18</u>	<u>May-18</u>	<u>Jun-18</u>	<u>Total</u>
Total Natural Gas Billed	\$ 13,240,520	\$ 12,539,675	\$ 11,985,418	\$ 37,765,613	\$ 14,339,091	\$ 12,928,923	\$ 11,215,096	\$ 38,483,110	\$ (1,098,571)	\$ (389,248)	\$ 770,322	\$ (717,497)
Less Imbalance Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Less Interruptible Credit	\$ 3,888	\$ 12,061	\$ 5,672	\$ 21,621	\$ 1,628	\$ 3,932	\$ 7,824	\$ 13,384	\$ 2,260	\$ 8,129	\$ (2,152)	\$ 8,237
Gas Used For Utility	\$ 83,380	\$ 24,070	\$ 21,361	\$ 128,811	\$ 68,143	\$ 28,756	\$ 26,333	\$ 123,232	\$ 15,237	\$ (4,686)	\$ (4,972)	\$ 5,579
	\$ 13,153,252	\$ 12,503,544	\$ 11,958,385	\$ 37,615,181	\$ 14,269,320	\$ 12,896,235	\$ 11,180,939	\$ 38,346,494	\$ (1,116,068)	\$ (392,691)	\$ 777,446	\$ (731,313)
Pipeline Storages												
(To)	\$ (1,458,489)	\$ (3,710,830)	\$ (4,636,888)	\$ (9,806,207)	\$ (3,055,431)	\$ (3,891,086)	\$ (3,936,946)	\$ (10,883,463)	\$ 1,596,942	\$ 180,256	\$ (699,942)	\$ 1,077,256
From	\$ 2,947,865	\$ (177,979)	\$ (177,444)	\$ 2,592,442	\$ 2,211,482	\$ -	\$ -	\$ 2,211,482	\$ 736,383	\$ (177,979)	\$ (177,444)	\$ 380,960
Net Pipeline Storages	\$ 1,489,376	\$ (3,888,809)	\$ (4,814,332)	\$ (7,213,765)	\$ (843,949)	\$ (3,891,086)	\$ (3,936,946)	\$ (8,671,981)	\$ 2,333,325	\$ 2,277	\$ (877,386)	\$ 1,458,216
LNG Storage												
(To)	\$ (674,150)	\$ 5,015	\$ 20,543	\$ (648,592)	\$ (863,104)	\$ (341,557)	\$ (33,296)	\$ (1,237,957)	\$ 188,954	\$ 346,572	\$ 53,839	\$ 589,365
From	\$ 282,481	\$ 205,958	\$ 189,790	\$ 678,229	\$ 232,130	\$ 241,317	\$ 233,456	\$ 706,903	\$ 50,351	\$ (35,359)	\$ (43,666)	\$ (28,674)
Net LNG Storage	\$ (391,669)	\$ 210,973	\$ 210,333	\$ 29,637	\$ (630,974)	\$ (100,240)	\$ 200,160	\$ (531,054)	\$ 239,305	\$ 311,213	\$ 10,173	\$ 560,691
Net Natural Gas	\$ 14,250,959	\$ 8,825,708	\$ 7,354,387	\$ 30,431,054	\$ 12,794,396.78	\$ 8,904,909	\$ 7,444,153	\$ 29,143,459	\$ 1,456,562	\$ (79,201)	\$ (89,766)	\$ 1,287,595
APPLICABLE GCR EXPENSES												
Net Natural Gas Expense	\$ 14,250,959	\$ 8,825,708	\$ 7,354,387	\$ 30,431,054	\$ 12,794,397	\$ 8,904,909	\$ 7,444,153	\$ 29,143,459	\$ 1,456,562	\$ (79,201)	\$ (89,766)	\$ 1,287,595
Purchased Electric & Misc	\$ 48,149	\$ 39,847	\$ 33,290	\$ 121,286	\$ 52,736	\$ 40,134	\$ 22,819	\$ 115,689	\$ (4,587)	\$ (287)	\$ 10,471	\$ 5,597
Total GCR Expenses	\$ 14,299,108	\$ 8,865,555	\$ 7,387,677	\$ 30,552,340	\$ 12,847,133	\$ 8,945,043	\$ 7,466,972	\$ 29,259,148	\$ 1,451,975	\$ (79,488)	\$ (79,295)	\$ 1,293,192