



**PHILADELPHIA GAS WORKS**

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May 31, 2018

**VIA E-FILING**

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

**Re: Pa. PUC v. Philadelphia Gas Works (2017-2018 3<sup>rd</sup> Quarter 2017-2018 GCR Filing)  
Docket No. R-2017-2587526**

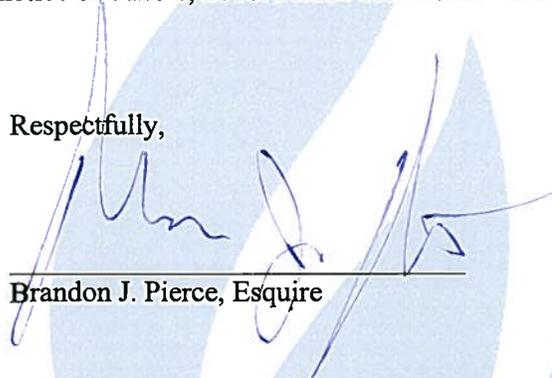
Dear Secretary Chiavetta:

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. 113; and
- 2) PGW Gas Supplier Tariff, Pa. P.U.C. No. 1, Supplement No. 77.

These supplements are being filed to implement PGW's 3<sup>rd</sup> Quarter 2017-2018 Gas Cost Rate ("GCR"). The tariff supplements are to become effective on one day's notice on June 1, 2018. Please contact me with any questions.

Respectfully,



Brandon J. Pierce, Esquire

**Enclosures**

cc: Cert. of Service w/enc  
Raquel Guzman, VP Legal & General Counsel, PGW  
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**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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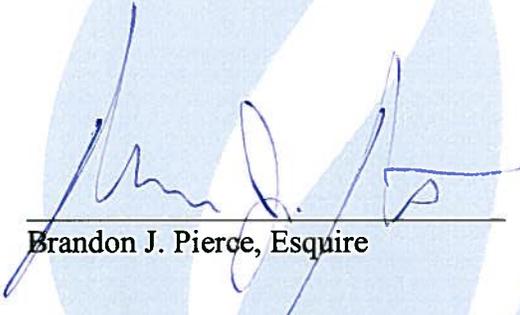
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Brandon J. Pierce, Esquire

Dated: May 31, 2018

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

**Supplement No. 113**

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



Issued by: Craig White  
President and CEO

PHILADELPHIA GAS WORKS  
800 West Montgomery Avenue  
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**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 June 1, 2018, increases from \$(0.00137) per Ccf to \$(0.00091) per Ccf.

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

In the definition of “IRC,” the “IRC” value effective June 1, 2018, remains unchanged at \$0.00016 per Ccf. In the definition of “SSC,” the “SSC” value effective June 1, 2018, decreases from \$0.39010 per Ccf to \$0.36317 per Ccf.

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

The Gas Cost Rate (GCR) effective June 1, 2018, decreases from \$0.38857 per Ccf to \$0.36210 per Ccf.

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

The Prices to Compare effective June 1, 2018, are: a) \$0.37987 per Ccf for Residential; b) \$0.36851 per Ccf for Commercial Customers on Rate GS; c) \$0.36767 per Ccf for Industrial Customers on Rate GS; and d) \$0.36626 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.

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

The Efficiency Cost Recovery Surcharges effective June 1, 2018, are: a) \$0.00179 per Ccf for Residential and Public Housing Customers on Rate GS; b) \$0.00477 per Ccf for Commercial Customers on Rate GS; c) \$0.00496 per Ccf for Industrial Customers on Rate GS; d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and e) \$0.00477 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 June 1, 2018, decreases from \$0.17145 per Ccf to \$0.16430 per Ccf.

**GENERAL SERVICE – RATE GS (Page No. 83)**

The Gas Cost Rate (GCR) effective June 1, 2018, decreases from \$0.38857 per Ccf to \$0.36210 per Ccf.

**MUNICIPAL SERVICE – RATE MS (Page No. 87)**

The Gas Cost Rate (GCR) effective June 1, 2018, decreases from \$0.38857 per Ccf to \$0.36210 per Ccf.

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

The Gas Cost Rate (GCR) effective June 1, 2018, decreases from \$0.38857 per Ccf to \$0.36210 per Ccf.

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

The Gas Cost Rate (GCR) effective June 1, 2018, decreases from \$0.38857 per Ccf to \$0.36210 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 \$(0.00476) per Ccf for Commodity Costs and \$0.00385 per Ccf for Demand Costs, for service on or after June 1, 2018. The total GAC is \$(0.00091) per Ccf. (I)

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

**(I) – Increase**

IRC - Interruptible Revenue Credit - The credit defined in Subsection VI below. The currently effective IRC is \$0.00016 per Ccf for service on or after June 1, 2018.

**(NC)**

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 \$0.27482 per Ccf for Commodity Costs and \$0.08835 per Ccf for Demand Costs, for service on or after June 1, 2018. The total SSC is \$0.36317 per Ccf.

**(D)**

**(NC) – No Change**  
**(D) – Decrease**

### III. COMPUTATION OF GAS COST RATE

A. The GCR shall be computed to the nearest one-thousandth cent (\$0.00001) in accordance with the formula set forth below as the terms are defined in Section II:

$$\begin{aligned} \text{SSC} &= \text{C/S} \\ \text{GAC} &= \text{E/S} \\ \text{GCR} &= \text{SSC} + \text{GAC} - \text{IRC} \end{aligned}$$

B. Each Gas Cost Rate so computed shall be applied to Customers' bills for twelve monthly billing periods commencing with September.

The currently effective Gas Cost Rate is \$0.36210 per Ccf, for service on or after June 1, 2018.

**(D)**

### IV. REPORTING REQUIREMENTS

A. The Company's rates are subject to quarterly adjustments for recovery of the Gas Cost Rate under procedures set forth in Section 1307(f) of the Public Utility Code.

B. The filing of the Company's annual Section 1307(f) filing, annual Gas Cost Rate, effective during the billing period of September through August, shall be submitted to the Commission by March 1 of each year, with a February 1 pre-filing date.

C. The application of the Gas Cost Rate shall be subject to review and audit by the Commission at such intervals as the Commission shall determine.

D. If it shall be determined, from audit by the Commission, or by final order entered after notice and hearing, that the application of this clause has resulted in the overcollection or undercollection of revenues, then the Company shall apply such over/undercollection as a credit or debit against future Gas Cost Rates.

### V. PROVISION FOR INCLUSION OF SPECIFIC NON-GAS EXPENSES

The computation of the Gas Cost Rate may include such Non-Gas expenses as may be authorized by this tariff and annually authorized by the Commission.

### VI. INTERRUPTIBLE REVENUE CREDIT (IRC)

A. The GCR rate shall be credited with an Interruptible Revenue Credit (IRC) equal to the margin realized from interruptible sales under PGW's Interruptible Sales Tariff Rates: BPS, LBS; and CG (Total Margin Revenue).

B. The IRC shall be set each year in the Company's 1307(f) proceeding to reflect the Total Margin Revenue. The rate per Mcf shall be calculated by dividing the Total Margin Revenue by total applicable firm sales. For the period September 1, 2003 through August 31, 2004 the IRC shall be initially set to reflect the Total Margin Revenue authorized by the Commission in its final order at M-00021612 (entered March 31, 2003).

**(D) – Decrease**

### MERCHANT FUNCTION CHARGE (“MFC”)

The MFC is a volumetric charge, applied to firm sales service customers, which will be included in the Price to Compare. The MFC is based on Gas Cost Rate multiplied by a fixed uncollectible percentage established in the Company’s last general base rate proceeding. The MFC will not be reconciled to reflect actual results. The MFC is intended to make the Company’s Price to Compare more comparable to the gas supply services price offers of other Natural Gas Suppliers that presumably reflect anticipated uncollectible expenses. The following percentages will be applied to the quarterly Gas Cost Rate in order to calculate the quarterly MFC: 3.76% - GS Residential (“GS RES”); 0.62% - GS Commercial (“GS COM”); and 0.39% - GS Industrial (“GS IND”). The current MFC is set forth below in the Price to Compare table.

### GAS PROCUREMENT CHARGE (“GPC”)

The GPC is a volumetric charge, applied to firm sales service customers, which will be included in the Price to Compare. The GPC will remain in effect until reviewed and updated in the Company’s next general base rate proceeding.

Current Gas Procurement Charge = \$0.00400/Ccf

### PRICE TO COMPARE (“PTC”)

The PTC is composed of the Sales Service Charge (“SSC”), Gas Adjustment Charge (“GAC”), the Merchant Function Charge and the Gas Procurement Charge. The PTC will change whenever any of the components of the PTC change. The current PTC is (per Ccf):

	<b>GS RES</b>	<b>GS PH</b>	<b>GS COM</b>	<b>GS IND</b>	<b>MS</b>	<b>PHA</b>	<b>NGVS</b>
<b>SSC</b>	\$0.36317	\$0.36317	\$0.36317	\$0.36317	\$0.36317	\$0.36317	\$0.36317
<b>GAC</b>	(\$0.00091)	(\$0.00091)	(\$0.00091)	(\$0.00091)	(\$0.00091)	(\$0.00091)	(\$0.00091)
<b>MFC</b>	\$0.01361	\$0.00000	\$0.00225	\$0.00141	\$0.00000	\$0.00000	\$0.00000
<b>GPC</b>	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400
<b>PTC</b>	<u>\$0.37987</u>	<u>\$0.36626</u>	<u>\$0.36851</u>	<u>\$0.36767</u>	<u>\$0.36626</u>	<u>\$0.36626</u>	<u>\$0.36626</u>

(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) \$0.00179 per Ccf for Residential and Public Housing Customers on Rate GS; | (I)  |
| b) \$0.00477 per Ccf for Commercial Customers on Rate GS;                     | (I)  |
| c) \$0.00496 per Ccf for Industrial Customers on Rate GS;                     | (I)  |
| d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and                  | (NC) |
| e) \$0.00477 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 = \$ 0.16430/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 June 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):

\$0.36210 per Ccf for Residential and Public Housing (D)  
\$0.36210 per Ccf for Commercial Customers (D)  
\$0.36210 per Ccf for Industrial Customers (D)

Plus,

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

(A) Delivery Charge:

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

(B) Surcharges:

Universal Service and Energy Conservation Surcharge; Restructuring and Consumer Education Surcharge; Efficiency Cost Recovery Surcharge; Other Post Employment Benefit Surcharge; and Distribution System Improvement Charge.

**(D) - Decrease**

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

## MUNICIPAL SERVICE - RATE MS

Rate: Applicable to all Retail Sales Service or Transportation Service rendered pursuant to this Rate Schedule on or after June 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):

\$0.36210 per Ccf

**(D)**

Plus,

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

(A) Delivery Charge:

\$0.42723 per Ccf

(B) Surcharges:

Universal Service and Energy Conservation Surcharge; and The Restructuring and Consumer Education Surcharge; the Efficiency Cost Recovery Surcharge; Other Post Employment Benefit Surcharge; and Distribution System Improvement Charge.

### **(D) - Decrease**

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

**PHILADELPHIA HOUSING AUTHORITY SERVICE - RATE PHA**

Rate: Applicable to all Retail Sales Service or Transportation Services rendered pursuant to this Rate Schedule on or after June 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):

\$0.36210 per Ccf

**(D)**

Plus

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

(A) Delivery Charge:

\$0.50163 per Ccf

(B) Surcharges:

Universal Service and Energy Conservation Surcharge; and The Restructuring and Consumer Education Surcharge; the Efficiency Cost Recovery Surcharge; Other Post Employment Benefit Surcharge; and Distribution System Improvement Charge.

**(D) - Decrease**

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

**DEVELOPMENTAL NATURAL GAS VEHICLE SERVICE - RATE NGVS  
FIRM SERVICE**

Rate: Applicable to all Retail Sales Service rendered pursuant to this Rate Schedule on or after  
June 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):

\$0.36210 per Ccf

**(D)**

Plus

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

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

\$0.12833 per Ccf

(B) Surcharges:

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

**(D) – Decrease**

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

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

Supplement No. 77

# 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 June 1, 2018, is \$37.1989 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 \$37.1989 per design day Mcf that is fulfilled by PGW storage and peaking assets, for recovery of those costs for Balancing Service, calculated in the manner set forth in the Commission's Order at M-00021612 (entered March 31, 2003) and as set forth below. Such rate for Balancing Service shall be increased or decreased, from time to time, in accordance with applicable law and procedures.

(D)

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

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

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

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

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

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

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

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

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

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

"S<sub>1</sub>" – projected Mcf of storage gas/LNG to be delivered to Customers to meet design day needs during the projected period when rates will be in effect.

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

**(D) – Decrease**

# Supporting Schedules

## Philadelphia Gas Works

## Levelized Gas Cost Rate

June 1, 2018

Formula:

GCR = SSC + GAC - IRC

where:

	<u>Demand</u>	<u>Commodity</u>	<u>Total</u>	
S = Firm Sales (Mcf)			44,497,638	Schedule 2
<hr/>				
Net Natural Gas Expense	\$ 55,665,942	\$ 129,299,210	\$ 184,965,152	
Purchased Electric & Misc Expenses	\$ -	\$ 667,403	\$ 667,403	
Total Natural Gas Expense	\$ 55,665,942	\$ 129,966,613	\$ 185,632,555	Schedule 3
C-Factor Reconciliation	\$ (16,071,207)	\$ (6,806,633)	\$ (22,877,841)	Schedule 4(b)
C = Total Applicable GCR Expense	\$ 39,594,735	\$ 123,159,980	\$ 162,754,714	
SSC = C / S	\$ 0.8898	\$ 2.7678	\$ 3.6576	
<hr/>				
Adjustment For:				
E-Factor Volumes (Mcf)			2,797,479	Schedule 4(c)
E-Factor Reconciliation	\$ 1,721,616	\$ (2,129,012)	\$ (407,396)	Schedule 4(c)
	\$ 1,721,616	\$ (2,129,012)	\$ (407,396)	
E = E-Factor	\$ 0.6154	\$ (0.7610)	\$ (0.1456)	
<hr/>				
Interruptible Revenue Credit			\$ 71,387	Schedule 5(a)
IRC = Interruptible Revenue Credit / S			\$ 0.0016	
<hr/>				
Net Applicable GCR Expenses = C + E - Interruptible Revenue Credit			\$ 162,275,932	
<u>GCR = SSC + GAC - IRC</u>			\$ 3.5104	
<hr/>				
SSC in effect 6/01/18	\$ 0.8835	\$ 2.7482	\$ 3.6317	
GAC in effect 6/01/18	\$ 0.0385	\$ (0.0476)	\$ (0.0091)	
IRC in effect 6/01/18			\$ (0.0016)	
GCR in effect 6/01/18			\$ 3.6210	
<hr/>				
Recovery Test on:				
Firm Sales (Mcf)			44,497,638	
= GCR Projected Recovery		\$	161,258,447	Schedule 6
= Load Balancing Revenue		\$	971,853	
= LNG Sales Demand Revenue		\$	43,924	
= Total Projected Recovery		\$	162,274,225	Schedule 6
Compared To				
Net Applicable GCR Expenses		\$	162,275,932	
= Net Over/(Under) Recovery		\$	(1,707)	
<hr/>				
Degree Days			3,957	

## Philadelphia Gas Works

## Price To Compare (\$ / MCF)

June 1, 2018

	<b>GCR</b>	<b>GCA</b>	<b>SSC</b>	<b>MFC</b>	<b>MFC Charge</b>	<b>GPC Charge</b>	<b>GAC</b>	<b>Price to Compare</b>
	<b>1</b>	<b>2</b>	<b>3 = (1 - 2)</b>	<b>4</b>	<b>5 = (1 * 4)</b>	<b>6</b>	<b>7</b>	<b>8 = (3 + 5 + 6 + 7)</b>
<b>Residential GS</b>	\$3.6210	(\$0.0107)	\$3.6317	3.76%	\$0.1361	\$0.0400	(\$0.0091)	\$3.7987
<b>Commercial GS</b>	\$3.6210	(\$0.0107)	\$3.6317	0.62%	\$0.0225	\$0.0400	(\$0.0091)	\$3.6851
<b>Industrial GS</b>	\$3.6210	(\$0.0107)	\$3.6317	0.39%	\$0.0141	\$0.0400	(\$0.0091)	\$3.6767
<b>Phila. Housing Authority (PHA)</b>	\$3.6210	(\$0.0107)	\$3.6317	0%	\$0.0000	\$0.0400	(\$0.0091)	\$3.6626
<b>Municipal (MS)</b>	\$3.6210	(\$0.0107)	\$3.6317	0%	\$0.0000	\$0.0400	(\$0.0091)	\$3.6626
<b>NGV Firm</b>	\$3.6210	(\$0.0107)	\$3.6317	0%	\$0.0000	\$0.0400	(\$0.0091)	\$3.6626
<b>Phila. Housing Authority (GS)</b>	\$3.6210	(\$0.0107)	\$3.6317	0%	\$0.0000	\$0.0400	(\$0.0091)	\$3.6626

## SALES & VOLUMES

JUNE 2018 THROUGH MAY 2019

MONTH	TOTAL VOLUMES	FIRM TRANSPORT VOLUMES	BILLED SALES	INTERRUPTIBLE SALES	LNG SALES	AIR CONDITIONING SALES	GCR FIRM SALES	SENIOR CITIZEN DISCOUNT SALES	APPLICABLE VOLUMES
	1	2	3 = (1 - 2)	4	4A	4B	5 = (3 - 4 - 4A - 4B)	6	7 = (5 - 6 + 2)
JUNE 2018	1,194,201	190,244	1,003,957	1,447	-	1,377	1,001,133	4,395	1,186,982
JULY	1,106,377	175,943	930,434	5,742	-	1,625	923,067	3,776	1,095,234
AUGUST	1,037,121	156,139	880,982	5,742	-	1,961	873,279	3,305	1,026,113
SEPTEMBER	1,055,971	155,559	900,412	5,557	5,425	2,018	887,412	3,203	1,039,769
OCTOBER	1,551,361	240,636	1,310,725	5,742	5,605	2,018	1,297,359	5,072	1,532,924
NOVEMBER	3,482,545	425,409	3,057,137	5,557	5,425	-	3,046,155	14,089	3,457,475
DECEMBER	6,262,170	703,720	5,558,450	5,742	5,605	-	5,547,103	26,554	6,224,268
JANUARY 2019	10,812,149	1,019,365	9,792,784	5,742	5,605	-	9,781,436	48,075	10,752,727
FEBRUARY	9,280,744	873,222	8,407,521	5,186	5,063	-	8,397,272	40,627	9,229,867
MARCH	7,158,425	707,344	6,451,081	5,742	5,605	-	6,439,733	30,231	7,116,846
APRIL	4,818,531	453,226	4,365,305	5,557	5,425	-	4,354,324	19,959	4,787,591
MAY	<u>2,207,360</u>	<u>246,648</u>	<u>1,960,712</u>	<u>5,742</u>	<u>5,605</u>	<u>-</u>	<u>1,949,364</u>	<u>7,954</u>	<u>2,188,058</u>
<b>TOTAL</b>	<b>49,966,956</b>	<b>5,347,455</b>	<b>44,619,501</b>	<b>63,499</b>	<b>49,364</b>	<b>8,999</b>	<b>44,497,638</b>	<b>207,240</b>	<b>49,637,854</b>

**Projected Applicable Fuel Expense  
SUMMARY  
FY 2017-2018 3rd Quarter Filing**

	JUNE 2018	JULY 2018	AUGUST 2018	SEPTEMBER 2018	OCTOBER 2018	NOVEMBER 2018	DECEMBER 2018	JANUARY 2019	FEBRUARY 2019	MARCH 2019	APRIL 2019	MAY 2019	TOTAL
<b>NATURAL GAS BILLED</b>													
DEMAND CHARGE	\$ 4,901,627	\$ 4,898,457	\$ 4,898,457	\$ 4,018,632	\$ 3,985,164	\$ 4,957,225	\$ 5,019,255	\$ 5,018,360	\$ 5,020,653	\$4,957,079	\$4,012,250	\$3,978,783	\$55,665,942
COMMODITY CHARGE	\$ 6,313,469	\$ 6,551,669	\$ 6,558,855	\$ 6,784,003	\$ 10,883,773	\$ 13,154,479	\$ 15,989,713	\$ 14,014,786	\$ 13,481,899	\$10,531,487	\$10,903,913	\$10,024,821	\$125,192,867
<b>TOTAL NATURAL GAS BILLED</b>	<b>\$11,215,096</b>	<b>\$11,450,126</b>	<b>\$11,457,312</b>	<b>\$10,802,635</b>	<b>\$14,868,937</b>	<b>\$18,111,704</b>	<b>\$21,008,968</b>	<b>\$19,033,146</b>	<b>\$18,502,552</b>	<b>\$15,488,566</b>	<b>\$14,916,163</b>	<b>\$14,003,604</b>	<b>\$180,858,809</b>
<b>INTERRUPTIBLE &amp; A/C CREDIT</b>	<b>\$ 7,824</b>	<b>\$ 20,625</b>	<b>\$ 21,605</b>	<b>\$ 21,706</b>	<b>\$ 22,565</b>	<b>\$ 16,433</b>	<b>\$ 17,154</b>	<b>\$ 17,001</b>	<b>\$ 15,249</b>	<b>\$16,088</b>	<b>\$14,158</b>	<b>\$13,968</b>	<b>\$204,376</b>
SENDOUT VOLUME IN MCF	2,921	7,619	7,966	7,833	8,025	5,747	5,938	5,938	5,363	5,938	5,747	5,938	74,972
DKT CONVERSION FACTOR	1.040	1.040	1.040	1.040	1.040	1.040	1.040	1.040	1.040	1.040	1.040	1.040	
PRICE \$/DKT	\$ 2.5800	\$ 2.6100	\$ 2.6100	\$ 2.6700	\$ 2.7100	\$ 2.7500	\$ 2.7800	\$ 2.7600	\$ 2.7400	\$2.6100	\$2.3700	\$2.2600	
<b>GAS USED FOR UTILITY</b>	<b>\$26,333</b>	<b>\$19,924</b>	<b>\$25,150</b>	<b>\$23,789</b>	<b>\$29,114</b>	<b>\$55,623</b>	<b>\$99,868</b>	<b>\$145,635</b>	<b>\$110,176</b>	<b>\$82,096</b>	<b>\$55,575</b>	<b>\$24,876</b>	<b>\$698,159</b>
<b>NATURAL GAS TO STORAGE</b>	<b>\$ (3,936,946)</b>	<b>\$ (4,109,067)</b>	<b>\$ (4,116,779)</b>	<b>\$ (4,049,768)</b>	<b>\$ (4,069,561)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>(\$3,083,754)</b>	<b>(\$6,214,503)</b>	<b>(\$29,580,379)</b>
FROM STORAGE PGW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 825,384	\$ 6,336,331	\$ 11,766,274	\$ 8,308,675	\$7,097,275	\$467,518	\$0	\$34,801,457
FT FROM STORAGE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,470	\$ 277,111	\$ 424,175	\$ 323,116	\$91,494	\$1,093	\$ -	\$1,153,461
<b>NET NATURAL GAS STORAGE</b>	<b>(\$3,936,946)</b>	<b>(\$4,109,067)</b>	<b>(\$4,116,779)</b>	<b>(\$4,049,768)</b>	<b>(\$4,069,561)</b>	<b>\$825,384</b>	<b>\$6,336,331</b>	<b>\$11,766,274</b>	<b>\$8,308,675</b>	<b>\$7,097,275</b>	<b>(\$2,616,236)</b>	<b>(\$6,214,503)</b>	<b>\$5,221,078</b>
<b>LNG TO STORAGE</b>	<b>\$ (33,296)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (15,965)</b>	<b>\$ (562,929)</b>	<b>\$ (1,054,837)</b>	<b>\$ (1,083,399)</b>	<b>\$ (514,328)</b>	<b>\$ (441,606)</b>	<b>(\$916,436)</b>	<b>(\$795,695)</b>	<b>(\$335,315)</b>	<b>(\$5,753,808)</b>
FROM LNG PGW	\$ 233,456	\$ 241,253	\$ 241,253	\$ 249,158	\$ 257,785	\$ 249,420	\$ 918,392	\$ 1,379,313	\$ 1,112,859	\$264,038	\$255,540	\$284,467	\$5,686,933
FT FROM LNG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0
<b>NET LNG STORAGE</b>	<b>\$200,159</b>	<b>\$241,253</b>	<b>\$241,253</b>	<b>\$233,193</b>	<b>(\$305,144)</b>	<b>(\$805,417)</b>	<b>(\$165,007)</b>	<b>\$864,985</b>	<b>\$671,252</b>	<b>(\$652,398)</b>	<b>(\$540,155)</b>	<b>(\$50,848)</b>	<b>(\$66,875)</b>
<b>LNG SALES FROM LNG TANK</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 15,684</b>	<b>\$ 16,208</b>	<b>\$ 15,735</b>	<b>\$ 16,390</b>	<b>\$ 16,560</b>	<b>\$ 15,039</b>	<b>\$16,724</b>	<b>\$16,259</b>	<b>\$16,726</b>	<b>\$145,325</b>
SENDOUT VOLUMES (MCF)				\$ 5,425	\$ 5,605	\$ 5,425	\$ 5,605	\$ 5,605	\$ 5,063	\$ 5,605	\$ 5,425	\$ 5,605	\$ 49,364
@ AVG LNG COMMODITY RATE	\$ 2.8900	\$ 2.8900	\$ 2.8900	\$ 2.8900	\$ 2.8900	\$ 2.9000	\$ 2.9200	\$ 2.9500	\$ 2.9700	\$2.9800	\$3.0000	\$2.9800	
<b>NET NATURAL GAS EXPENSE</b>	<b>\$7,444,150</b>	<b>\$7,541,764</b>	<b>\$7,535,032</b>	<b>\$6,924,880</b>	<b>\$10,426,345</b>	<b>\$18,043,880</b>	<b>\$27,046,880</b>	<b>\$31,485,209</b>	<b>\$27,342,016</b>	<b>\$21,818,534</b>	<b>\$11,673,780</b>	<b>\$7,682,682</b>	<b>\$184,965,152</b>
<b>APPLICABLE GCR EXPENSE</b>													
NET NATURAL GAS EXPENSE	\$7,444,150	\$7,541,764	\$7,535,032	\$6,924,880	\$10,426,345	\$18,043,880	\$27,046,880	\$31,485,209	\$27,342,016	\$21,818,534	\$11,673,780	\$7,682,682	\$184,965,152
PURCHASED ELECTRIC & MISC	\$ 22,819	\$ 41,490	\$ 35,923	\$ 28,291	\$ 34,349	\$ 43,151	\$ 53,795	\$ 76,937	\$ 64,308	\$56,691	\$45,603	\$39,047	\$542,403
PLANALYTICS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$125,000	\$0	\$0	\$0	\$0	\$125,000
<b>TOTAL APPLICABLE EXPENSES</b>	<b>\$7,466,969</b>	<b>\$7,583,254</b>	<b>\$7,570,955</b>	<b>\$6,953,171</b>	<b>\$10,460,694</b>	<b>\$18,087,031</b>	<b>\$27,100,675</b>	<b>\$31,687,146</b>	<b>\$27,406,324</b>	<b>\$21,875,225</b>	<b>\$11,719,383</b>	<b>\$7,721,729</b>	<b>\$185,632,555</b>
<b>TOTAL GCR FIRM SALES</b>	<b>1,001,133</b>	<b>923,067</b>	<b>873,279</b>	<b>887,413</b>	<b>1,297,359</b>	<b>3,046,155</b>	<b>5,547,103</b>	<b>9,781,436</b>	<b>8,397,272</b>	<b>6,439,733</b>	<b>4,354,324</b>	<b>1,949,364</b>	<b>44,497,638</b>

**FISCAL YEAR 2018  
PHILADELPHIA GAS WORKS**

Rate	<u>7/1/2017</u>	<u>Split Month 9/1/2017</u>	<u>10/1/2017</u>	<u>Split Month 12/1/2017</u>	<u>1/1/2018</u>	<u>Split Month 3/1/2018</u>	<u>4/1/2018</u>	<u>Split Month 6/1/2018</u>	<u>7/1/2018</u>
	SSC in Effect	\$ 4.6924	\$ 4.4557	\$ 4.2189	\$ 4.4734	\$ 4.7279	\$ 4.3145	\$ 3.9010	\$ 3.7664
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)
<b>Total Effective</b>	<b>\$ 4.5986</b>	<b>\$ 4.3755</b>	<b>\$ 4.1523</b>	<b>\$ 4.4218</b>	<b>\$ 4.6913</b>	<b>\$ 4.2885</b>	<b>\$ 3.8857</b>	<b>\$ 3.7534</b>	<b>\$ 3.6210</b>
<b>Percentage of Total</b>									
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%
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

<b>C-Factor</b>									
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
<b>Total</b>	<b>\$ 4.6924</b>	<b>\$ 4.4557</b>	<b>\$ 4.2189</b>	<b>\$ 4.4734</b>	<b>\$ 4.7279</b>	<b>\$ 4.3145</b>	<b>\$ 3.9010</b>	<b>\$ 3.7664</b>	<b>\$ 3.6317</b>
<b>Percentage of Total</b>									
Demand Charge in Effect	24.6%	27.3%	30.3%	31.0%	31.6%				
Commodity in Effect	75.4%	72.7%	69.7%	69.0%	68.4%				
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>				

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

<b>Actual</b>	*							
	<u>Sep-2017 Actual</u>	<u>Oct-2017 Actual</u>	<u>Nov-2017 Actual</u>	<u>Dec-2017 Actual</u>	<u>Jan-2018 Actual</u>	<u>Feb-2018 Actual</u>	<u>Mar-2018 Actual</u>	<u>Apr-2018 Actual</u>
<b>Fiscal Year 2017-2018</b>								
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
Migration Rider Sales	-	-	-	-	-	-	-	-
GCR Revenue Billed	\$ 4,400,670	\$ 4,340,519	\$ 10,991,381	\$ 25,504,332	\$ 48,255,247	\$ 33,328,280	\$ 25,778,813	\$ 21,242,258
Migration Rider Revenue Billed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Load Balancing Billed	\$ 93,712	\$ 109,718	\$ 113,717	\$ 112,668	\$ 110,288	\$ 109,440	\$ 110,484	\$ 108,365
LNG Sales Demand Charge Credit	\$ -	\$ -	\$ -	\$ -	\$ 152,507	\$ 42,323	\$ -	\$ -
<b>Total Revenue Billed</b>	<b>\$ 4,494,382</b>	<b>\$ 4,450,237</b>	<b>\$ 11,105,098</b>	<b>\$ 25,617,000</b>	<b>\$ 48,518,042.24</b>	<b>\$ 33,480,043.16</b>	<b>\$ 25,889,297.24</b>	<b>\$ 21,350,622.57</b>
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
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
<b>Net Cost of Fuel</b>	<b>\$ 6,660,769</b>	<b>\$ 7,858,969</b>	<b>\$ 17,769,207</b>	<b>\$ 27,095,257</b>	<b>\$ 33,708,079</b>	<b>\$ 22,699,166</b>	<b>\$ 23,436,643</b>	<b>\$ 14,299,108</b>

**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	4,400,670	101.8%	4,481,333	93,712	0	4,575,044	0	(2,085,725)	(2,085,725)
OCTOBER	7,858,969	4,340,519	101.6%	4,410,138	109,718	0	4,519,856	0	(3,339,113)	(5,424,838)
NOVEMBER	17,769,207	10,991,381	101.6%	11,167,675	113,717	0	11,281,392	0	(6,487,815)	(11,912,653)
DECEMBER	27,095,257	25,504,332	101.2%	25,801,954	112,668	0	25,914,622	0	(1,180,635)	(13,093,288)
JANUARY 2018	33,708,079	48,255,247	100.8%	48,631,719	110,288	152,507	48,894,514	0	15,186,435	2,093,147
FEBRUARY	22,699,166	33,328,280	100.8%	33,588,296	109,440	42,323	33,740,060	0	11,040,894	13,134,041
MARCH	23,436,643	25,778,813	100.6%	25,934,802	110,484	0	26,045,287	0	2,608,644	15,742,684
APRIL	14,299,108	21,242,258	100.4%	21,325,900	108,365	0	21,434,264	0	7,135,156	22,877,841

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

		GCR SALES 1 (MCF)	TOTAL E-FACTOR VOLUMES 3=( 1 + 2 ) (MCF)	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) (\$)
<b>PRIOR YEAR E-FACTOR</b>								\$ 1,833,651
<b>MONTH</b>								
<b>SEPTEMBER 2017</b>	<b>Actual</b>	997,001	997,001	\$ 4,400,670	-1.8%	\$ (77,896)	\$ (77,896)	\$ 1,755,754
<b>OCTOBER</b>	<b>Actual</b>	1,044,644	1,044,644	\$ 4,340,519	-1.5%	\$ (66,901)	\$ (66,901)	\$ 1,688,853
<b>NOVEMBER</b>	<b>Actual</b>	2,639,297	2,639,297	\$ 10,991,381	-1.5%	\$ (169,412)	\$ (169,412)	\$ 1,519,441
<b>DECEMBER</b>	<b>Actual</b>	5,750,261	5,750,261	\$ 25,504,332	-1.1%	\$ (281,183)	\$ (281,183)	\$ 1,238,258
<b>JANUARY 2018</b>	<b>Actual</b>	10,289,615	10,289,615	\$ 48,255,247	-0.7%	\$ (344,585)	\$ (344,585)	\$ 893,673
<b>FEBRUARY</b>	<b>Actual</b>	7,106,319	7,106,319	\$ 33,328,280	-0.7%	\$ (237,993)	\$ (237,993)	\$ 655,680
<b>MARCH</b>	<b>Actual</b>	6,127,916	6,127,916	\$ 25,778,813	-0.6%	\$ (141,863)	\$ (141,863)	\$ 513,817
<b>APRIL</b>	<b>Actual</b>	5,463,381	5,463,381	\$ 21,242,258	-0.4%	\$ (74,895)	\$ (74,895)	\$ 438,922
<b>MAY</b>	<b>Estimated</b>	2,301,166	2,301,166	\$ 8,941,640	-0.4%	\$ (31,526)	\$ (31,526)	\$ 407,396
						6 = (Col 1 * -.0639)		
<b>JUNE</b>	<b>Estimated</b>	1,001,133	1,001,133	\$ 3,757,602		\$ (63,965)	\$ (63,965)	
<b>JULY</b>	<b>Estimated</b>	923,067	923,067	\$ 3,342,426		\$ (58,977)	\$ (58,977)	
<b>AUGUST</b>	<b>Estimated</b>	873,279	873,279	\$ 3,162,144		\$ (55,796)	\$ (55,796)	
<b>TOTAL</b>		2,797,479	2,797,479	10,262,173		(178,739)	(178,739)	
<b>June 1, 2018 E-FACTOR</b>		<b>-0.0639</b>						

**FISCAL YEAR 2018  
PHILADELPHIA GAS WORKS  
IRC FACTOR REVENUE BILLED**

<b>MONTH</b>	<b>TOTAL GCR REVENUE BILLED 1</b>	<b>IRC- FACTOR % of GCR 2</b>	<b>IRC-FACTOR REVENUE BILLED 3 = ( 1 * 2 )</b>
	\$		\$
<b>SEPTEMBER 2017</b>	4,400,670	-0.06%	(2,766)
<b>OCTOBER</b>	4,340,519	-0.06%	(2,718)
<b>NOVEMBER</b>	10,991,381	-0.06%	(6,882)
<b>DECEMBER</b>	25,504,332	-0.06%	(16,438)
<b>JANUARY 2018</b>	48,255,247	-0.07%	(31,887)
<b>FEBRUARY</b>	33,328,280	-0.07%	(22,023)
<b>MARCH</b>	25,778,813	-0.05%	(14,126)
<b>APRIL</b>	21,242,258	-0.04%	(8,747)

**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

**INTERRUPTIBLE REVENUE CREDIT**  
**June 1, 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)	\$ 2,306	
February	Actual \$ (22,023)	\$ 2,234	
March	Actual \$ (14,126)	\$ 871	
April	Actual \$ (8,747)	\$ 972	
May	Estimated \$ (3,682)	\$ 1,122	
<b>Act/Est IRC Credit September 2017 to May 2018</b>	<b>\$ (109,269)</b>		
<b>Act/Est Margin September 2017 to May 2018</b>		<b>\$ 24,203</b>	<b>\$ 24,203</b>
<b>FY 2017 Reconciliation Plus Act/Est Margin September 2017 to May 2018</b>			<b>\$ 133,030</b>

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<b>FY 2017 Reconciliation Plus Act/Est Margin September 2017 to May 2018</b>	<b>\$ 133,030</b>	
<b>Act/Est IRC Credit September 2017 to May 2018</b>	<b>\$ (109,269)</b>	
<b>Reconciliation as of May 31, 2018</b>	<b>\$ 23,761</b>	
<b>Margin - June 2018 through May 2019</b>	<b>\$ 47,626</b>	Schedule 5(b)
<b>June 1, 2018 Interruptible Revenue Credit</b>	<b>\$ 71,387</b>	

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**GCR Firm Sales** **44,497,638** Schedule 2

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**June 1, 2018 IRC/Mcf** **\$ 0.0016**

**INTERRUPTIBLE REVENUE MARGIN**  
**3rd Qtr Filing**

<b><u>MONTH</u></b>		<b><u>MARGIN</u></b>
June-18	Estimated	\$ 1,085
July	Estimated	\$ 4,307
August	Estimated	\$ 4,307
September	Estimated	\$ 4,168
October	Estimated	\$ 4,307
November	Estimated	\$ 4,168
December	Estimated	\$ 4,307
January-19	Estimated	\$ 4,307
February	Estimated	\$ 3,890
March	Estimated	\$ 4,307
April	Estimated	\$ 4,168
May	Estimated	\$ 4,307
Total		\$ <u>47,626</u>

**CALCULATION OF RECOVERED CHARGES**  
**3rd Qtr Filing**  
**June 1, 2018**

	<u>50% March</u>	<u>11.5 Months</u>	<u>Total</u>
			(MCF)                      (\$)
S - Firm Sales (Mcf)	500,566	43,997,071	44,497,638
C-Factor	<u>\$ 3.9010</u>	<u>\$ 3.6317</u>	
Projected Recovery	1,952,710	159,784,165	\$ 161,736,874
S - Firm Sales (Mcf)	500,566	43,997,071	44,497,638
IRC-Factor	<u>\$ (0.0016)</u>	<u>\$ (0.0016)</u>	
Projected Recovery	(801)	(70,395)	\$ (71,196)
E-Factor Volumes (Mcf)	500,566	43,997,071	44,497,638
E-Factor	<u>\$ (0.0137)</u>	<u>\$ (0.0091)</u>	
Projected Recovery	(6,858)	(400,373)	\$ (407,231)
GCR (\$ / Mcf)	\$ 3.8857	\$ 3.6210	
<hr/>			
GCR Projected Recovery			\$ 161,258,447
Load Balancing Revenue			\$ 971,853
LNG Sales Demand Revenue			<u>\$ 43,924</u>
<b>TOTAL PROJECTED RECOVERY</b>			<b>\$ 162,274,225</b>

**Change In Rates  
3rd Quarter Filing  
Rates Effective June 1, 2018**

**Current Rates**

	<u>03/01/18 Distribution Charge</u> (1)	<u>03/01/18 GCR</u> (2)	<u>03/01/18 MFC</u> (3)	<u>03/01/18 GPC</u> (4)	<u>03/01/18 Commodity Rate</u> (5)=(1)+(2)+(3)+(4)
Residential GS	\$8.8147	\$3.8857	\$0.1461	\$0.0400	\$12.8865
Commercial GS	\$7.0068	\$3.8857	\$0.0241	\$0.0400	\$10.9566
Industrial GS	\$6.8918	\$3.8857	\$0.0152	\$0.0400	\$10.8327
Phila.Housing Authority (PHA)	\$7.1580	\$3.8857	\$0.0000	\$0.0400	\$11.0837
Municipal (MS)	\$6.3730	\$3.8857	\$0.0000	\$0.0400	\$10.2987
Phila.Housing Authority (GS)	\$7.8285	\$3.8857	\$0.0000	\$0.0400	\$11.7542

**June 1, 2018 - Distribution Charge**

	<u>Delivery</u>					<u>Surcharges</u>					<u>Total</u>	
	<u>Delivery Charge</u> (6)	<u>Other Post Employment Benefit</u> (7)	<u>Efficiency Cost Recovery</u> (8)	<u>Universal Service &amp; Ener. Cons.</u> (9)	<u>Restructuring &amp; Consumer Education</u> (10)	<u>Total Surcharges</u> (11)=(7)+(8)+(9)+(10)	<u>Distribution Charge / Mcf</u> (12)=(11)+(6)					
Residential GS	\$6.6967	\$0.3785	\$0.0179	\$1.6430	\$0.0077	\$2.0471	\$8.7438					
Commercial GS	\$4.8651	\$0.3785	\$0.0477	\$1.6430	\$0.0077	\$2.0769	\$6.9420					
Industrial GS	\$4.7698	\$0.3785	\$0.0496	\$1.6430	\$0.0077	\$2.0788	\$6.8486					
Phila.Housing Authority (PHA)	\$5.0163	\$0.3785	\$0.0477	\$1.6430	\$0.0077	\$2.0769	\$7.0932					
Municipal (MS)	\$4.2723	\$0.3785	\$0.0000	\$1.6430	\$0.0077	\$2.0292	\$6.3015					
Phila.Housing Authority (GS)	\$5.7105	\$0.3785	\$0.0179	\$1.6430	\$0.0077	\$2.0471	\$7.7576					

**Proposed Rates**

	<u>06/01/18 Distribution Charge</u> (12)	<u>06/01/18 GCR</u> (13)	<u>06/01/18 MFC</u> (14)	<u>06/01/18 GPC</u> (15)	<u>06/01/18 Commodity Rate</u> (16)=(12)+(13)+(14)+(15)	<u>Difference</u> (17)=(16)-(5)
Residential GS	\$8.7438	\$3.6210	\$0.1361	\$0.0400	\$12.5409	(\$0.3456)
Commercial GS	\$6.9420	\$3.6210	\$0.0225	\$0.0400	\$10.6255	(\$0.3311)
Industrial GS	\$6.8486	\$3.6210	\$0.0141	\$0.0400	\$10.5237	(\$0.3090)
Phila.Housing Authority (PHA)	\$7.0932	\$3.6210	\$0.0000	\$0.0400	\$10.7542	(\$0.3295)
Municipal (MS)	\$6.3015	\$3.6210	\$0.0000	\$0.0400	\$9.9625	(\$0.3362)
Phila.Housing Authority (GS)	\$7.7576	\$3.6210	\$0.0000	\$0.0400	\$11.4186	(\$0.3356)

**PHILADELPHIA GAS WORKS**  
**JUNE 1, 2018**  
**UNIVERSAL SERVICE & ENERGY CONSERVATION SURCHARGE**

	<b>Expenses in the Surcharge</b>
Enhanced Low Income Retrofit Program (ELIRP)	\$ 9,328,747
Customer Responsibility Program (CRP)	\$ 62,100,851
Senior Citizen Discount *	\$ 2,746,899
<u>May 2018 Under Collection</u>	<u>\$ 7,377,965</u>
Total \$ to be Recovered	\$ 81,554,462
 Total Applicable Volumes	 Mcf 49,636,366
 Universal Service & Energy Conservation Surcharge	 <b><u>\$ 1.6430</u></b>

\* 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 \$3,108,264.

**STATEMENT OF RECONCILIATION  
UNIVERSAL SERVICES & ENERGY CONSERVATION SURCHARGE  
SEPTEMBER 2017 THROUGH MAY 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	1,228,377	\$ 1.3701	\$ 1,682,999	\$ (145,235)	\$ 1,828,234	(\$8,901,247)
November	Actual	3,034,129	\$ 1.3701	\$ 4,157,061	\$ 3,285,532	\$ 871,529	(\$8,029,718)
December	Actual	6,319,455	\$ 1.4273	\$ 9,019,758	\$ 9,481,610	\$ (461,853)	(\$8,491,571)
January 2018	Actual	11,176,645	\$ 1.4845	\$ 16,591,730	\$ 17,137,459	\$ (545,730)	(\$9,037,301)
February	Actual	7,734,457	\$ 1.4845	\$ 11,481,802	\$ 13,471,632	\$ (1,989,831)	(\$11,027,131)
March	Actual	6,601,124	\$ 1.5995	\$ 10,558,498	\$ 10,570,930	\$ (12,432)	(\$11,039,564)
April	Actual	5,943,997	\$ 1.7145	\$ 10,190,982	\$ 8,005,397	\$ 2,185,586	(\$8,853,978)
May	Estimated	2,551,823	\$ 1.7145	\$ 4,375,100	\$ 2,899,087	\$ 1,476,013	(\$7,377,965)

USC Expenses	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18
ELIRP Expense	\$ -	\$ 430,271	\$ 367,950	\$ 373,571	\$ 347,964	\$ 354,668	\$ 8,647	\$ 448,997	\$ 1,039,050
ELIRP Labor	\$ 14,196	\$ 13,745	\$ 5,432	\$ 17,247	\$ 14,054	\$ 4,742	\$ 18,459	\$ 14,800	\$ 18,171
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	\$ 926,387
CRP Forgiveness	\$ 662,258	\$ 712,670	\$ 636,542	\$ 585,157	\$ 597,001	\$ 540,512	\$ 679,760	\$ 582,734	\$ 720,360
Senior Citizen Discount	\$ 92,940	\$ 104,949	\$ 251,729	\$ 499,432	\$ 812,493	\$ 637,843	\$ 518,548	\$ 412,898	\$ 195,119
Bad Debt Expense Offset*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ (944,104)</b>	<b>\$ (145,235)</b>	<b>\$ 3,285,532</b>	<b>\$ 9,481,610</b>	<b>\$ 17,137,459</b>	<b>\$ 13,471,632</b>	<b>\$ 10,570,930</b>	<b>\$ 8,005,397</b>	<b>\$ 2,899,087</b>

<b>CRP Participation</b>										
Rate Case Participation Rate		84,000	84,000	84,000	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	49,314
CRP Under(Over) Participation		35,477	35,307	35,096	10,690	10,689	10,688	10,687	10,686	10,686
<b>Average Shortfall Per CRP Participant</b>										
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	\$ 6,545,968
Actual Participation Rate		48,523	48,693	48,904	49,310	49,311	49,312	49,313	49,314	49,314
Average Shortfall per CRP Participant		\$ (35)	\$ (29)	\$ 41	\$ 162	\$ 312	\$ 242	\$ 190	\$ 133	\$ 133
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

**EFFICIENCY COST RECOVERY (ECR) SURCHARGE**  
**June 1, 2018**

<u>Program</u>	<u>Residential &amp; PHA GS</u>	<u>Commercial &amp; PHA</u>	<u>Industrial</u>	<u>Total</u>
<b>Residential Heating Equipment Rebate (RHER)</b>				
Program Expense	\$ 909,434	\$ 108,711	\$ (1,145)	\$ 1,017,000
Labor Expense	\$ 14,855	\$ 2,275	\$ (77)	\$ 17,053
<b>Commercial &amp; Industrial Retrofit Incentive (CIRI)</b>				
Program Expense	\$ 55,732	\$ 270,838	\$ -	\$ 326,570
Labor Expense	\$ (75)	\$ 9,479	\$ -	\$ 9,404
<b>Commercial &amp; Industrial Equipment Rebate (CIER)</b>				
Program Expense	\$ 5,409	\$ 367,747	\$ 91,461	\$ 464,617
Labor Expense	\$ (61)	\$ 1,197	\$ 1,902	\$ 3,038
<b>High-Efficiency Construction Incentive (HECI)</b>				
Program Expense	\$ 159,138	\$ 256,017	\$ -	\$ 415,155
Labor Expense	\$ 1,245	\$ 4,345	\$ -	\$ 5,590
<b>Comprehensive Residential Retrofit Incentive (CRRI)</b>				
Program Expense	\$ -	\$ -	\$ -	\$ -
Labor Expense	\$ -	\$ -	\$ -	\$ -
<b>Total Expense</b>	<u>\$1,145,676</u>	<u>\$1,020,609</u>	<u>\$92,142</u>	<u>\$2,258,427</u>
<b>Prior Period Reconciliation (8/31/18)</b>	<u>\$ (490,450)</u>	<u>\$ (477,840)</u>	<u>\$ (47,783)</u>	<u>\$ (1,016,073)</u>
<b>Total</b>	\$655,226	\$542,769	\$44,359	\$1,242,354
<b>Volumes - Mcf (GCR Firm &amp; Firm Transportation)</b>	36,570,752	11,381,796	894,656	

<b>Efficiency Cost Recovery Surcharge / Mcf</b>	<b>\$0.0179</b>	<b>\$0.0477</b>	<b>\$0.0496</b>
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**EFFICIENCY COST RECOVERY (ECR) SURCHARGE  
STATEMENT OF RECONCILIATION  
3rd 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	Estimated May-18
<b>RESIDENTIAL &amp; PHA GS</b>										
<b>FY 2017 Over-Collection</b>	<b>\$ 423,608</b>									
Volume Billed		741,149	774,207	2,072,645	4,741,689	8,580,658	5,886,716	5,027,436	4,524,624	1,885,429
ECR Surcharge		\$ 0.0175	\$ 0.0196	\$ 0.0196	\$ 0.0211	\$ 0.0225	\$ 0.0225	\$ 0.0199	\$ 0.0173	\$ 0.0173
Revenue Billed		\$ 12,970	\$ 15,174	\$ 40,624	\$ 99,813	\$ 193,065	\$ 132,451	\$ 100,046	\$ 78,276	\$ 32,618
RHER	Expense	\$ -	\$ 73,271	\$ 88,391	\$ 18,813	\$ 57,321	\$ 89,579	\$ 11,077	\$ (17,047)	\$ 78,398
RHER	Labor	\$ 1,393	\$ 1,349	\$ 3,656	\$ 1,693	\$ 1,379	\$ 6,501	\$ 1,812	\$ 1,453	\$ (506)
HECI	Expense	\$ -	\$ 11,587	\$ 13,873	\$ 55	\$ 2,679	\$ 37,948	\$ 1,377	\$ (913)	\$ 25,650
HECI	Labor	\$ 220	\$ 213	\$ 389	\$ 268	\$ 218	\$ 1,755	\$ 287	\$ 230	\$ (215)
CRRI	Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CRRI	Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIRI	Expense	\$ -	\$ 15,653	\$ 9,894	\$ 75	\$ 18,778	\$ 81,349	\$ 1,827	\$ (2,226)	\$ (16,124)
CIRI	Labor	\$ 298	\$ 288	\$ 144	\$ 362	\$ 295	\$ 5,716	\$ 387	\$ 310	\$ (1,031)
CIER	Expense	\$ -	\$ 695	\$ 4,617	\$ 543	\$ 473	\$ 404	\$ 107	\$ 450	\$ 413
CIER	Labor	\$ 13	\$ 13	\$ 255	\$ 16	\$ 13	\$ 62	\$ 17	\$ 14	\$ (60)
Total		\$ 1,924	\$ 103,070	\$ 121,220	\$ 21,823	\$ 81,156	\$ 223,314	\$ 16,890	\$ (17,729)	\$ 86,526
Monthly Over/(Under)		\$ 11,046	\$ (87,895)	\$ (80,596)	\$ 77,989	\$ 111,909	\$ (90,863)	\$ 83,156	\$ 96,005	\$ (53,908)
Cumulative Over/(Under)		\$ 434,653	\$ 346,758	\$ 266,162	\$ 344,151	\$ 456,060	\$ 365,197	\$ 448,353	\$ 544,358	\$ 490,450
<b>COMMERCIAL &amp; PHA</b>										
<b>FY 2017 Over-Collection</b>	<b>\$ 479,880</b>									
Volume Billed		377,460	409,934	845,153	1,352,842	2,236,980	1,582,385	1,484,817	1,231,192	595,961
ECR Surcharge		\$ 0.0494	\$ 0.0407	\$ 0.0407	\$ 0.0440	\$ 0.0472	\$ 0.0472	\$ 0.0441	\$ 0.0410	\$ 0.0410
Revenue Billed		\$ 18,628	\$ 16,684	\$ 34,398	\$ 59,457	\$ 105,585	\$ 74,689	\$ 65,480	\$ 50,479	\$ 24,434
RHER	Expense	\$ -	\$ 7,520	\$ 8,830	\$ 1,931	\$ 5,883	\$ (11,056)	\$ 1,137	\$ (1,750)	\$ 13,170
RHER	Labor	\$ 143	\$ 138	\$ 366	\$ 174	\$ 142	\$ (323)	\$ 186	\$ 149	\$ 198
CRRI	Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CRRI	Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIRI	Expense	\$ -	\$ 28,255	\$ 17,860	\$ 135	\$ 33,896	\$ (80,145)	\$ 3,297	\$ (4,018)	\$ 27,642
CIRI	Labor	\$ 537	\$ 520	\$ 260	\$ 653	\$ 532	\$ (2,502)	\$ 699	\$ 560	\$ 1,344
CIER	Expense	\$ -	\$ 36,890	\$ 114,227	\$ 28,825	\$ 25,089	\$ 44,751	\$ 5,673	\$ 23,912	\$ 48,783
CIER	Labor	\$ 701	\$ 679	\$ 6,608	\$ 852	\$ 694	\$ 4,262	\$ 912	\$ 731	\$ (1,694)
HECI	Expense	\$ -	\$ 14,211	\$ 6,281	\$ 68	\$ 3,285	\$ (23,846)	\$ 1,689	\$ (1,120)	\$ 51,739
HECI	Labor	\$ 270	\$ 262	\$ 131	\$ 328	\$ 268	\$ (1,258)	\$ 351	\$ 282	\$ 676
Total		\$ 1,652	\$ 88,476	\$ 154,562	\$ 32,965	\$ 69,789	\$ (70,117)	\$ 13,944	\$ 18,746	\$ 141,859
Monthly Over/(Under)		\$ 16,976	\$ (71,792)	\$ (120,164)	\$ 26,493	\$ 35,796	\$ 144,805	\$ 51,537	\$ 31,732	\$ (117,424)
Cumulative Over/(Under)		\$ 496,856	\$ 425,064	\$ 304,900	\$ 331,393	\$ 367,189	\$ 511,995	\$ 563,531	\$ 595,264	\$ 477,840
<b>INDUSTRIAL</b>										
<b>FY 2017 Over-Collection</b>	<b>\$ 51,029</b>									
Volume Billed		28,842	30,282	69,559	113,515	190,026	116,542	116,906	81,866	41,503
ECR Surcharge		\$ 0.0507	\$ 0.0419	\$ 0.0419	\$ 0.0338	\$ 0.0256	\$ 0.0256	\$ 0.0235	\$ 0.0213	\$ 0.0213
Revenue Billed		\$ 1,461	\$ 1,269	\$ 2,915	\$ 3,831	\$ 4,865	\$ 2,983	\$ 2,741	\$ 1,744	\$ 884
RHER	Expense	\$ -	\$ 52	\$ 11	\$ 13	\$ 41	\$ 2,505	\$ 8	\$ (12)	\$ (541)
RHER	Labor	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 123	\$ 1	\$ 1	\$ (29)
CIRI	Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIRI	Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIER	Expense	\$ -	\$ 6,078	\$ (1,278)	\$ 4,749	\$ 4,134	\$ (13,684)	\$ 935	\$ 3,940	\$ 18,327
CIER	Labor	\$ 116	\$ 112	\$ 26	\$ 140	\$ 114	\$ (509)	\$ 150	\$ 120	\$ 289
Total		\$ 117	\$ 6,243	\$ (1,240)	\$ 4,904	\$ 4,290	\$ (11,565)	\$ 1,094	\$ 4,049	\$ 18,045
Monthly Over/(Under)		\$ 1,344	\$ (4,975)	\$ 4,155	\$ (1,073)	\$ 575	\$ 14,548	\$ 1,647	\$ (2,306)	\$ (17,161)
Cumulative Over/(Under)		\$ 52,373	\$ 47,399	\$ 51,554	\$ 50,480	\$ 51,055	\$ 65,603	\$ 67,250	\$ 64,944	\$ 47,783

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

**Storage and Peaking Asset Cost** **\$ 14,093,271**

**Design Day Requirements (Mcf)** **676,643**  
**Fulfilled from FT Capacity (Mcf)** **295,857**  
**Fulfilled from Storage and Peaking Assets (Excess Mcf)** **380,786**

**Annual Storage and Peaking Cost per Excess Mcf** **\$ 37.0110**  
**Per Mcf Over / (Under) Adjustment** **\$ (0.1879)**  
**Load Balancing Charge** **\$ 37.1989**

<b>Over / (Under) Recovery</b>	<b>\$ (56,749)</b>
<b>Interest</b>	<b>\$ <u>(5,091)</u></b>
<b>Total Over/(Under) Recovery</b>	<b>\$ (61,840)</b>
<b>Forecasted SSPC Volumes</b>	<b>329,186</b>
<b>Per Mcf Over / (Under) Adjustment</b>	<b>\$ (0.1879)</b>

## Natural Gas Prices Used for PGW's - June 1, 2018 - 3rd Quarter GCR Filing

### Basis Differentials

	TRANSCO			TETCO							NYMEX Futures 05/07/18 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
	May-18												2.821	2.76	2.77	2.77	2.79	2.59	2.74	2.76	2.80	2.71
Jun-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.32)	(0.42)	2.741	2.63	2.60	2.72	2.73	2.81	2.68	2.66	2.61	2.64	2.42
Jul-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.32)	(0.42)	2.767	2.66	2.63	2.75	2.76	2.84	2.71	2.69	2.64	2.67	2.45
Aug-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.32)	(0.42)	2.772	2.66	2.63	2.75	2.76	2.84	2.71	2.69	2.64	2.67	2.45
Sep-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.755	2.65	2.62	2.74	2.75	2.83	2.70	2.68	2.63	2.66	2.55
Oct-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.764	2.65	2.62	2.74	2.75	2.83	2.70	2.68	2.63	2.66	2.55
Nov-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.804	2.69	2.66	2.78	2.79	2.87	2.74	2.72	2.67	2.70	2.59
Dec-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.907	2.80	2.77	2.89	2.90	2.98	2.85	2.83	2.78	2.81	2.70
Jan-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.990	2.88	2.85	2.97	2.98	3.06	2.93	2.91	2.86	2.89	2.78
Feb-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.955	2.85	2.82	2.94	2.95	3.03	2.90	2.88	2.83	2.86	2.75
Mar-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.851	2.74	2.71	2.83	2.84	2.92	2.79	2.77	2.72	2.75	2.64
Apr-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.559	2.45	2.42	2.54	2.55	2.63	2.50	2.48	2.43	2.46	2.35
May-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.529	2.42	2.39	2.51	2.52	2.60	2.47	2.45	2.40	2.43	2.32

**Actual Natural Gas Billed**

	<u>Jan-18</u>	<u>Feb-18</u>	<u>Mar-18</u>
Williams	\$ 2,476,597.46	\$ 2,192,973.98	\$ 2,369,311.72
Texas Eastern	\$ 2,071,552.69	\$ 2,079,709.49	\$ 1,995,090.63
Dominion	\$ 139,165.21	\$ 130,169.78	\$ 135,222.29
Equitrans	\$ -	\$ -	\$ -
Spot Purchases -Transco	\$ 385,635.18	\$ 51,679.62	\$ 45,771.50
Spot Purchases -Tetco	\$ -	\$ -	\$ -
Transco Supply2	\$ -	\$ -	\$ -
Transco Supply3	\$ -	\$ -	\$ -
Transco Supply6	\$ -	\$ -	\$ -
Transco Supply7	\$ -	\$ -	\$ -
Transco Supply8	\$ 3,613,900.00	\$ 2,640,300.00	\$ 2,470,875.94
Transco Supply10	\$ -	\$ -	\$ -
Transco Supply12	\$ -	\$ -	\$ -
Transco Supply14	\$ 429,350.00	\$ 965,166.75	\$ 611,603.79
Transco Supply17	\$ -	\$ -	\$ -
Transco Supply20	\$ -	\$ -	\$ -
Transco Supply21	\$ -	\$ -	\$ -
Transco Supply22	\$ 2,932,500.00	\$ 1,344,375.00	\$ 1,741,673.28
Transco Supply23	\$ -	\$ -	\$ -
Transco Supply24	\$ -	\$ -	\$ -
Transco Supply25	\$ -	\$ -	\$ -
Transco Supply26	\$ -	\$ -	\$ -
Transco Supply27	\$ -	\$ -	\$ -
Transco Supply28	\$ -	\$ -	\$ -
Transco Supply29	\$ 860,715.00	\$ 889,840.00	\$ 871,100.00
Transco Supply30	\$ 2,344,191.68	\$ 1,199,100.00	\$ 1,589,231.88
Transco Supply31	\$ -	\$ -	\$ -
Transco Supply32	\$ -	\$ -	\$ -
Transco Supply33	\$ 842,425.00	\$ 1,040,900.00	\$ 844,750.00
Transco Supply34	\$ 400,559.77	\$ -	\$ -
Transco Supply35	\$ 387,586.49	\$ -	\$ -
Tetco Supply1	\$ -	\$ -	\$ -
Tetco Supply2	\$ -	\$ -	\$ -
Tetco Supply3	\$ -	\$ -	\$ -
Tetco Supply4	\$ -	\$ -	\$ -
Tetco Supply5	\$ 1,055,550.00	\$ 1,268,400.00	\$ 981,150.00
Tetco Supply7	\$ -	\$ -	\$ -
Tetco Supply13	\$ -	\$ -	\$ -
Tetco Supply14	\$ -	\$ -	\$ -
Tetco Supply16	\$ -	\$ -	\$ -
Tetco Supply17	\$ -	\$ -	\$ -
Tetco Supply18	\$ -	\$ -	\$ -
Tetco Supply19	\$ -	\$ -	\$ -
Tetco Supply20	\$ -	\$ -	\$ -
Tetco Supply21	\$ -	\$ -	\$ -
Tetco Supply22	\$ -	\$ -	\$ -
Tetco Supply23	\$ -	\$ -	\$ -
Tetco Supply24	\$ 2,216,675.00	\$ 1,557,200.00	\$ 1,538,876.45
Tetco Supply25	\$ 1,060,200.00	\$ 1,272,600.00	\$ 985,800.00
Tetco Supply26	\$ 1,871,162.67	\$ 913,817.93	\$ 1,268,473.82
Tetco Supply27	\$ -	\$ -	\$ -
Tetco Supply28	\$ 1,318,202.46	\$ 1,330,292.73	\$ 978,890.26
Tetco Supply29	\$ -	\$ -	\$ -
Tetco Supply30	\$ -	\$ -	\$ -
Tetco Supply31	\$ -	\$ -	\$ -
Tetco Supply32	\$ 179,599.57	\$ 64,184.93	\$ -
<b>Total Costs</b>	<b>\$ 24,585,568</b>	<b>\$ 18,940,710</b>	<b>\$ 18,427,822</b>
Sharing Mechanism	\$ 243,817	\$ 224,131	\$ 248,145
Asset Management Agreement	\$ -	\$ -	\$ -
Off System Sales	\$ -	\$ -	\$ -
Gas Transportation Purchases	\$ -	\$ -	\$ -
Adjustment/Reconciliation	\$ (216,401)	\$ 312,645	\$ 40,258
<b>Total Natural Gas Billed</b>	<b>\$ 24,612,985</b>	<b>\$ 19,477,486</b>	<b>\$ 18,716,224</b>

## Philadelphia Gas Works Summary of Fuels Purchased Three Months Ending March 2018

	<u>Actual</u>				<u>Projected</u>			<u>Actual Over/Under vs Projected</u>				
	<u>Jan-18</u>	<u>Feb-18</u>	<u>Mar-18</u>	<u>Total</u>	<u>2nd Qtr Filing Jan-18</u>	<u>2nd Qtr Filing Feb-18</u>	<u>2nd Qtr Filing Mar-18</u>	<u>Total</u>	<u>Jan-18</u>	<u>Feb-18</u>	<u>Mar-18</u>	<u>Total</u>
<b>Total Natural Gas Billed</b>	\$ 24,612,985	\$ 19,477,486	\$ 18,716,224	\$ 62,806,695	\$ 17,173,344	\$ 18,460,991	\$ 16,048,755	\$ 51,683,091	\$ 7,439,641	\$ 1,016,495	\$ 2,667,469	\$ 11,123,604
<b>Less Imbalance Charge</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Less Interruptible Credit</b>	\$ 306,518	\$ 89,873	\$ 3,464	\$ 399,855	\$ 301,113	\$ 12,228	\$ 1,749	\$ 315,090	\$ 5,405	\$ 77,645	\$ 1,715	\$ 84,765
<b>Gas Used For Utility</b>	\$ 186,103	\$ 111,108	\$ 73,381	\$ 370,592	\$ 131,553	\$ 130,978	\$ 108,758	\$ 371,290	\$ 54,550	\$ (19,870)	\$ (35,377)	\$ (698)
	\$ 24,120,364	\$ 19,276,505	\$ 18,639,379	\$ 62,036,248	\$ 16,740,677	\$ 18,317,785	\$ 15,938,248	\$ 50,996,711	\$ 7,379,686	\$ 958,720	\$ 2,701,131	\$ 11,039,537
<b>Pipeline Storages</b>												
<b>(To)</b>	\$ (1,467,138)	\$ (885,632)	\$ (37,399)	\$ (2,390,169)	\$ (615,170)	\$ -	\$ (428,630)	\$ (1,043,799)	\$ (851,968)	\$ (885,632)	\$ 391,231	\$ (1,346,370)
<b>From</b>	\$ 8,351,634	\$ 5,268,140	\$ 5,254,998	\$ 18,874,772	\$ 9,771,276	\$ 7,247,239	\$ 5,954,393	\$ 22,972,908	\$ (1,419,642)	\$ (1,979,099)	\$ (699,395)	\$ (4,098,136)
<b>Net Pipeline Storages</b>	\$ 6,884,496	\$ 4,382,508	\$ 5,217,599	\$ 16,484,603	\$ 9,156,107	\$ 7,247,239	\$ 5,525,763	\$ 21,929,109	\$ (2,271,611)	\$ (2,864,731)	\$ (308,164)	\$ (5,444,506)
<b>LNG Storage</b>												
<b>(To)</b>	\$ (701,258)	\$ (1,568,979)	\$ (945,791)	\$ (3,216,028)	\$ (510,355)	\$ (472,518)	\$ (960,855)	\$ (1,943,729)	\$ (190,903)	\$ (1,096,461)	\$ 15,064	\$ (1,272,299)
<b>From</b>	\$ 3,312,173	\$ 541,578	\$ 467,712	\$ 4,321,463	\$ 2,505,926	\$ 843,025	\$ 290,740	\$ 3,639,691	\$ 806,247	\$ (301,447)	\$ 176,972	\$ 681,772
<b>Net LNG Storage</b>	\$ 2,610,915	\$ (1,027,401)	\$ (478,079)	\$ 1,105,435	\$ 1,995,571	\$ 370,507	\$ (670,115)	\$ 1,695,962	\$ 615,344	\$ (1,397,908)	\$ 192,036	\$ (590,527)
<b>Net Natural Gas</b>	\$ 33,615,775	\$ 22,631,612	\$ 23,378,899	\$ 79,626,286	\$ 27,892,355.12	\$ 25,935,530	\$ 20,793,897	\$ 74,621,782	\$ 5,723,419	\$ (3,303,918)	\$ 2,585,002	\$ 5,004,504
<b>APPLICABLE GCR EXPENSES</b>												
<b>Net Natural Gas Expense</b>	\$ 33,615,775	\$ 22,631,612	\$ 23,378,899	\$ 79,626,286	\$ 27,892,355	\$ 25,935,530	\$ 20,793,897	\$ 74,621,782	\$ 5,723,419	\$ (3,303,918)	\$ 2,585,002	\$ 5,004,504
<b>Purchased Electric &amp; Misc</b>	\$ 92,304	\$ 67,554	\$ 57,744	\$ 217,602	\$ 207,929	\$ 87,831	\$ 79,989	\$ 375,750	\$ (115,625)	\$ (20,277)	\$ (22,245)	\$ (158,148)
<b>Total GCR Expenses</b>	\$ 33,708,079	\$ 22,699,166	\$ 23,436,643	\$ 79,843,888	\$ 28,100,284	\$ 26,023,362	\$ 20,873,886	\$ 74,997,532	\$ 5,607,794	\$ (3,324,196)	\$ 2,562,757	\$ 4,846,356