



PHILADELPHIA GAS WORKS

800 West Montgomery Avenue • Philadelphia, PA 19122

Brandon J. Pierce, Esq.
Senior Attorney | Legal Department
Direct Dial: 215-684-6219
E-mail: Brandon.Pierce@pgworks.com

November 30, 2017

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 1st 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. 107; and
- 2) PGW Gas Supplier Tariff, Pa. P.U.C. No. 1, Supplement No. 74.

These supplements are being filed to implement PGW’s 1st Quarter 2017-2018 Gas Cost Rate (“GCR”). The tariff supplements are to become effective on one day’s notice on December 1, 2017.¹ Please contact me with any questions.

Respectfully,

A handwritten signature in blue ink, appearing to read "Brandon J. Pierce", is written over a horizontal line. The signature is stylized and cursive.

Brandon J. Pierce, Esquire

Enclosures

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

¹ PGW Gas Service Tariff, Pa. P.U.C. No. 2, Supplement No. 107 and PGW Gas Supplier Tariff, Pa. P.U.C. No. 1, Supplement No. 74 replace PGW’s Compliance Tariffs—PGW Gas Service Tariff, Pa. P.U.C. No. 2, Supplement No. 106 and PGW Gas Supplier Tariff, Pa. P.U.C. No. 1, Supplement No. 73—that were filed on November 14, 2017 (with an effective date December 1, 2017), pursuant to the Commission’s Order at Docket No. R-2017-2586783.

CERTIFICATE OF SERVICE

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

VIA FIRST CLASS MAIL and EMAIL

Aron J. Beatty, Esq.
Christy M. Appleby, Esq.
Harrison W. Breitman, Esq.
Office of Consumer Advocate
5th Floor, Forum Place Bldg.
555 Walnut Street
Harrisburg, PA 17101-1921
abeatty@paoca.org
cappleby@paoca.org
hbreitman@paoca.org

Sharon Webb, Esq.
Office of Small Business Advocate
Commerce Building, Suite 202
300 North 2nd Street
Harrisburg, PA 17101
swebb@pa.gov

Gina Miller, Esq.
Bureau of Investigation & Enforcement
PA Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor
Harrisburg, PA 17120
ginmiller@pa.gov

Charis Mincavage, Esq.
Adelou Bakare, Esq.
Alessandra L. Hylander, Esq.
McNEES, WALLACE, NURICK
100 Pine Street
P.O. Box 1166
Harrisburg, PA 17108-1166
cmincavage@mwn.com
ABakare@mwn.com
ahylander@mwn.com

Jerome D. Mierzwa
Exeter Associates, Inc.
10480 Little Patuxent Parkway
Columbia, MD 21044
jmierzwa@exeterassociates.com

Robert Knecht
Industrial Economics, Incorporated
2067 Massachusetts Ave.
Cambridge MA 02140
rdk@indecon.com



Brandon J. Pierce, Esquire

Dated: November 30, 2017

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

Supplement No. 107

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.

DEFINITIONS – UNACCOUNTED FOR GAS (Page No. 14)

In the definition of “UNACCOUNTED FOR GAS”, the Lost and Unaccounted for Gas and Retainage Rate percentage has changed to 3.3 percent, effective December 1, 2017.

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

In the definition of “GAC,” the GAC value effective December 1, 2017, increases from \$(0.00640) per Ccf to \$(0.00335) per Ccf.

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

In the definition of “IRC,” the “IRC” value effective December 1, 2017, increases from \$0.00026 per Ccf to \$0.00031 per Ccf. In the definition of “SSC,” the “SSC” value effective December 1, 2017, increases from \$0.42189 per Ccf to \$0.47279 per Ccf.

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

The Gas Cost Rate (GCR) effective December 1, 2017, increases from \$0.41523 per Ccf to \$0.46913 per Ccf.

MERCHANT FUNCTION CHARGE (Page No. 78)

The MFC percentages have changed: 3.76% - GS Residential; 0.62% - GS Commercial; and 0.39% - GS Industrial.

PRICE TO COMPARE (Page No. 78)

The Prices to Compare effective December 1, 2017, are: a) \$0.49108 per Ccf for Residential; b) \$0.47635 per Ccf for Commercial Customers on Rate GS; c) \$0.47527 per Ccf for Industrial Customers on Rate GS; and d) \$0.47344 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 December 1, 2017, are: a) \$0.00225 per Ccf for Residential and Public Housing Customers on Rate GS; b) \$0.00472 per Ccf for Commercial Customers on Rate GS; c) \$0.00256 per Ccf for Industrial Customers on Rate GS; d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and e) \$0.00472 per Ccf for The Philadelphia Housing Authority on Rate PHA.

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

The Universal Service and Energy Conservation Surcharge effective December 1, 2017, increases from \$0.13701 per Ccf to \$0.14845 per Ccf.

GENERAL SERVICE – RATE GS (Page No. 83)

The Gas Cost Rate (GCR) effective December 1, 2017, increases from \$0.41523 per Ccf to \$0.46913 per Ccf.

MUNICIPAL SERVICE – RATE MS (Page No. 87)

The Gas Cost Rate (GCR) effective December 1, 2017, increases from \$0.41523 per Ccf to \$0.46913 per Ccf.

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

The Gas Cost Rate (GCR) effective December 1, 2017, increases from \$0.41523 per Ccf to \$0.46913 per Ccf.

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

The Gas Cost Rate (GCR) effective December 1, 2017, increases from \$0.41523 per Ccf to \$0.46913 per Ccf.

TABLE OF CONTENTS

	<u>Page Number</u>
List of Changes Made By This Tariff _____	One Hundred and Fifth Revised 2
Description of Territory Served _____	5
Table of Contents _____	One Hundred and Fifth Revised 6
Definitions _____	Second Revised 10
<u>RULES and REGULATIONS:</u>	
1. The Gas Service Tariff _____	First Revised 15
2. Application and Contract for Gas Service _____	Sixth Revised 17
3. Credit and Deposit _____	Third Revised 21
4. Billing and Payment _____	Second Revised 26
5. Termination and/or Discontinuance of Gas Service _____	Second Revised 30
6. Termination of Service for Safety Reasons and Curtailment of Service/ Service Continuity _____	First Revised 38
7. Inquiry, Review, Dispute, and Appeals Process _____	First Revised 41
8. Customer’s Responsibility for Company’s Property _____	First Revised 44
9. Conditions of Service, Point of Delivery, and Application of Rates _____	Third Revised 47
10. Extensions And Rights-Of-Way _____	First Revised 50
11. Meters: Measurements, Readings, Errors, and Tests _____	First Revised 53
12. Service Charges and Miscellaneous Fees and Provisions _____	Second Revised 57
13. Universal Service And Energy Conservation Programs _____	Second Revised 59
14. Gas Choice Enrollment and Switching _____	First Revised 63
15. Supplier of Last Resort _____	First Revised 65

	Page Number
RATES (Cover Page) _____	66
Gas Cost Rate _____	Sixty Eighth Revised 67
Revenue Reconciliation Adjustment (RRA) Rider _____	70
Senior Citizen Discount _____	First Revised 72
Exit Fee Rider _____	77
Merchant Function & Gas Procurement Charges; Price to Compare _____	Twenty Third Revised 78
Restructuring and Consumer Education Surcharge _____	Twenty Fifth Revised 79
Efficiency Cost Recovery Mechanism _____	Thirty Sixth Revised 80
Universal Services Surcharge _____	Seventieth Revised 81
Other Post Employment Benefit Surcharge _____	Tenth Revised 82
General Service - Rate GS _____	Seventy Ninth Revised 83
Municipal Service - Rate MS _____	Seventy Ninth Revised 87
Philadelphia Housing Authority Service – Rate PHA _____	Seventy Ninth Revised 90
Daily Balancing Service – Rate DB _____	101
Interruptible Transportation Service – Rate IT _____	111
Gas Transportation Service - Rate GTS - Firm Service _____	118
Gas Transportation Service - Rate GTS - Interruptible _____	124
Cogeneration Service - Rate CG _____	Fifth Revised 131
Developmental Natural Gas Vehicle Service - Rate NGVS Firm Service _____	Fifty First Revised 135
Developmental Natural Gas Vehicle Service - Rate NGVS Interruptible Service _____	139
Liquefied Natural Gas Service – Rate LNG _____	Third Revised 142
SPECIAL PROVISION – Air Conditioning Rider _____	143
SPECIAL PROVISION – Compressed Natural Gas Rider _____	145
SPECIAL PROVISION – Emergency/Unauthorized Use Gas Rider _____	147
Weather Normalization Adjustment Clause _____	Fourth Revised 149
Distribution System Improvement Charge _____	Sixteenth Revised 151
Backup Service – Rate BUS _____	154
Technology and Economic Development Rider and Micro-Combined Heat and Power Incentives _____	155

UNACCOUNTED FOR GAS (for the purpose of calculating retainage) – Unaccounted for gas is the difference in the amount of gas delivered to the Company’s distribution system and the amount billed to customers. The current Lost and Unaccounted for Gas and Retainage Rate percentage is 3.3%. The percentage changes annually on December 1st and is based upon actual data for the preceding 12 months ending August 31st.

(I)

(I) - Increase

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 \$(0.01751) per Ccf for Commodity Costs and \$0.01416 per Ccf for Demand Costs, for service on or after December 1, 2017. The total GAC is \$(0.00335) 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 \$0.00031 per Ccf for service on or after December 1, 2017. (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 \$0.32320 per Ccf for Commodity Costs and \$0.14959 per Ccf for Demand Costs, for service on or after December 1, 2017. The total SSC is \$0.47279 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 \$0.46913 per Ccf, for service on or after December 1, 2017.

(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. (C)

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 (NC)

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	\$0.47279	\$0.47279	\$0.47279	\$0.47279	\$0.47279	\$0.47279	\$0.47279	(C)
GAC	(\$0.00335)	(\$0.00335)	(\$0.00335)	(\$0.00335)	(\$0.00335)	(\$0.00335)	(\$0.00335)	
MFC	\$0.01764	\$0.00000	\$0.00291	\$0.00183	\$0.00000	\$0.00000	\$0.00000	
GPC	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	
PTC	\$0.49108	\$0.47344	\$0.47635	\$0.47527	\$0.47344	\$0.47344	\$0.47344	

(C) – Change; (NC) – No 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) \$0.00225 per Ccf for Residential and Public Housing Customers on Rate GS;
- b) \$0.00472 per Ccf for Commercial Customers on Rate GS;
- c) \$0.00256 per Ccf for Industrial Customers on Rate GS;
- d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and
- e) \$0.00472 per Ccf for The Philadelphia Housing Authority on Rate PHA.

(I)
(I)
(D)
(NC)
(I)

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

(D) – Decrease; (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 = \$ 0.14845/Ccf.

(I)

(I) - Increase

GENERAL SERVICE - RATE GS

Rate: Applicable to all Retail Sales Service or Transportation Service rendered pursuant to this Rate Schedule on or after December 1, 2017.

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):

\$0.46913	per Ccf for Residential and Public Housing	(I)
\$0.46913	per Ccf for Commercial Customers	(I)
\$0.46913	per Ccf for Industrial Customers	(I)

Plus,

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

(A) Delivery Charge:

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

(B) Surcharges:

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

(I) - Increase

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

MUNICIPAL SERVICE - RATE MS

Rate: Applicable to all Retail Sales Service or Transportation Service rendered pursuant to this Rate Schedule on or after December 1, 2017.

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):

\$0.46913 per Ccf

(I)

Plus,

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

(A) Delivery Charge:

\$0.42723 per Ccf

(B) Surcharges:

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

(I) - Increase

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

PHILADELPHIA HOUSING AUTHORITY SERVICE - RATE PHA

Rate: Applicable to all Retail Sales Service or Transportation Services rendered pursuant to this Rate Schedule on or after December 1, 2017.

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):

\$0.46913 per Ccf

(I)

Plus

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

(A) Delivery Charge:

\$0.50163 per Ccf

(B) Surcharges:

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

(I) - Increase

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

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

Rate: Applicable to all Retail Sales Service rendered pursuant to this Rate Schedule on or after
December 1, 2017.

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):

\$0.46913 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. 74

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 December 1, 2017, is \$38.0082 per design day Mcf.

TABLE OF CONTENTS

	<u>Page Number</u>
List of Changes Made By This Tariff _____	Seventy Fourth Revised 2
Checksheet _____	First Revised 4
Description of Territory Served _____	5
Table of Contents _____	Seventy Second Revised 6
Table of Contents (continued) _____	7
Definitions _____	Second Revised 10
<u>RULES and REGULATIONS:</u>	
1. The Supplier Tariff _____	14
2. Availability _____	16
3. Character of Service _____	18
4. Supplier Qualification _____	20
5. Customer List _____	First Revised 23
6. Supplier Selection Procedures _____	First Revised 26
7. Supplier Obligations _____	First Revised 29
8. Operational Requirements _____	33
9. Special Provisions _____	37
10. Nomination Procedure _____	42
11. Financial Security _____	44
12. Supplier Billing and Payment _____	First Revised 46
13. Supplier Exit Procedures _____	First Revised 52
14. Breach of Obligations _____	57
15. Standards of Conduct _____	60

PHILADELPHIA GAS WORKS

9.14. LOAD BALANCING CHARGE.

9.14.A. Suppliers for all gas delivered under Firm Transportation Rates, of this Suppliers Tariff shall be charged at \$38.0082 per design day Mcf that is fulfilled by PGW storage and peaking assets, for recovery of those costs for Balancing Service, calculated in the manner set forth in the Commission's Order at M-00021612 (entered March 31, 2003) and as set forth below. Such rate for Balancing Service shall be increased or decreased, from time to time, in accordance with applicable law and procedures.

(D)

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

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

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

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

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

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

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

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

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

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

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

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

(D) – Decrease

Supporting Schedules

DECEMBER 1, 2017

TABLE OF CONTENTS

Levelized Gas Cost Rate.....	Schedule 1
Price to Compare (\$/MCF)	Schedule 1(a)
Sales & Volumes.....	Schedule 2
Projected Applicable Fuel Expense.....	Schedule 3
Interruptible Revenue Credit – December 1, 2017.....	Schedule 4(a)
Interruptible Margin – December 2016 through November 2018.....	Schedule 4(b)
IRC Final Reconciliation - Fiscal Year 2017.....	Schedule 4(c)
Interest Rate Calculation.....	Schedule 5(a)
Interest Calculation.....	Schedule 5(a1)
Interest Adjustment Calculation.....	Schedule 5(b)
Interest on Natural Gas Refunds.....	Schedule 5(c)
Demand and Commodity Interest Calculation.....	Schedule 5(d)
Fiscal Year 2017 Actual/Estimated Data.....	Schedule 6(a)
C-Factor Reconciliation –Fiscal Year 2017.....	Schedule 6(b)
E-Factor Reconciliation - Fiscal Year 2017.....	Schedule 6(c)
IRC Revenue Billed - Fiscal Year 2017.....	Schedule 6(d)
Reconciliation of Demand Charges - Fiscal Year 2017.....	Schedule 6(e)
Fiscal Year 2018 Actual/ Estimated Data.....	Schedule 7(a)
C-Factor Reconciliation – Fiscal Year 2018.....	Schedule 7(b)
E-Factor Reconciliation - Fiscal Year 2018.....	Schedule 7(c)
IRC Revenue Billed - Fiscal Year 2018.....	Schedule 7(d)
Reconciliation of Demand Charges - Fiscal Year 2018.....	Schedule 7(e)
Calculation of Recovered Charges.....	Schedule 8
Changes in Rates.....	Schedule 9
Universal Service & Energy Conservation Surcharge (USC).....	Schedule 10
USC Statement of Reconciliation - September 2017 Through November 2017.....	Schedule 11
FY 17 USC - Finalized Statement of Reconciliation	Schedule 12

TABLE OF CONTENTS (CONT'D)

Efficient Cost Recovery Surcharge.....	Schedule 13(a)
Efficiency Cost Recovery (ECR) Surcharge- Statement of Reconciliation.....	Schedule 13(b)
Efficiency Cost Recovery (ECR) Surcharge- Statement of Reconciliation FY 2017.	Schedule 13(c)
Restructuring and Consumer Education Surcharge FY 2017	Schedule 14
Load Balancing Charge December 1, 2017.....	Schedule 15
Unaccounted For Factor (UAF) and Retainage Rate.....	Schedule 16
Natural Gas Prices.....	Schedule 17
Actual Natural Gas Billed.....	Schedule 18
Summary of Fuels Purchased.....	Schedule 19

Philadelphia Gas Works

Levelized Gas Cost Rate

December 1, 2017

Formula:

GCR = SSC + GAC - IRC

where:

	<u>Demand</u>	<u>Commodity</u>	<u>Total</u>	
S = Firm Sales (Mcf)			43,194,321	Schedule 2
<hr/>				
Net Natural Gas Expense	\$ 57,084,540	\$ 140,714,094	\$ 197,798,634	
Purchased Electric & Misc Expenses	\$ -	\$ 711,895	\$ 711,895	
Total Natural Gas Expense	\$ 57,084,540	\$ 141,425,989	\$ 198,510,529	Schedule 3
C-Factor Reconciliation	\$ 7,428,100	\$ (2,033,567)	\$ 5,394,533	Schedule 7(b)
C = Total Applicable GCR Expense	\$ 64,512,640	\$ 139,392,422	\$ 203,905,061	
SSC = C / S	\$ 1.4935	\$ 3.2271	\$ 4.7206	
<hr/>				
Adjustment For:				
E-Factor Volumes (Mcf)			37,890,753	
E-Factor Reconciliation	\$ 6,468,768	\$ (7,999,511)	\$ (1,530,743)	Schedule 7(c)
	\$ 6,468,768	\$ (7,999,511)	\$ (1,530,743)	
E = E-Factor	\$ 0.1707	\$ (0.2111)	\$ (0.0404)	
<hr/>				
Interruptible Revenue Credit			\$ 132,568	Schedule 4(a)
IRC = Interruptible Revenue Credit / S			\$ 0.0031	
<hr/>				
Net Applicable GCR Expenses = C + E - Interruptible Revenue Credit			\$ 202,241,750	
<u>GCR = SSC + GAC - IRC</u>			\$ 4.6771	
<hr/>				
SSC in effect 12/01/17	\$ 1.4959	\$ 3.2320	\$ 4.7279	
GAC in effect 12/01/17	\$ 0.1416	\$ (0.1751)	\$ (0.0335)	
IRC in effect 12/01/17			\$ (0.0031)	
GCR in effect 12/01/17			\$ 4.6913	Schedule 8
<hr/>				
Recovery Test on:				
Firm Sales (Mcf)			43,194,321	
= GCR Projected Recovery		\$	201,187,725	
= Load Balancing Revenue		\$	966,782	
= LNG Sales Demand Revenue		\$	87,226	
= Total Projected Recovery		\$	202,241,732	Schedule 8
Compared To				
Net Applicable GCR Expenses		\$	202,241,750	
= Net Over/(Under) Recovery		\$	(18)	
<hr/>				
Degree Days			4,011	

Philadelphia Gas Works

Price To Compare (\$ / MCF)

December 1, 2017

	GCR	GCA	SSC	MFC	MFC Charge	GPC Charge	GAC	Price to Compare
	1	2	3 = (1 - 2)	4	5 = (1 * 4)	6	7	8 = (3+ 5 + 6 + 7)
Residential GS	\$4.6913	(\$0.0366)	\$4.7279	3.76%	\$0.1764	\$0.0400	(\$0.0335)	\$4.9108
Commercial GS	\$4.6913	(\$0.0366)	\$4.7279	0.62%	\$0.0291	\$0.0400	(\$0.0335)	\$4.7635
Industrial GS	\$4.6913	(\$0.0366)	\$4.7279	0.39%	\$0.0183	\$0.0400	(\$0.0335)	\$4.7527
Phila. Housing Authority (PHA)	\$4.6913	(\$0.0366)	\$4.7279	0.00%	\$0.0000	\$0.0400	(\$0.0335)	\$4.7344
Municipal (MS)	\$4.6913	(\$0.0366)	\$4.7279	0.00%	\$0.0000	\$0.0400	(\$0.0335)	\$4.7344
NGV Firm	\$4.6913	(\$0.0366)	\$4.7279	0.00%	\$0.0000	\$0.0400	(\$0.0335)	\$4.7344
Phila. Housing Authority (GS)	\$4.6913	(\$0.0366)	\$4.7279	0.00%	\$0.0000	\$0.0400	(\$0.0335)	\$4.7344

SALES & VOLUMES

DECEMBER 2017 THROUGH NOVEMBER 2018

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)
DECEMBER 2017	6,060,579	674,799	5,385,780	608	5,605	-	5,379,566	29,805	6,024,561
JANUARY 2018	10,121,919	961,641	9,160,279	606	5,605	-	9,154,067	51,944	10,063,763
FEBRUARY	8,944,996	835,785	8,109,211	547	5,063	-	8,103,601	45,307	8,894,079
MARCH	6,863,849	670,496	6,193,353	606	5,605	-	6,187,142	33,456	6,824,181
APRIL	4,611,024	432,847	4,178,177	587	5,425	-	4,172,165	21,954	4,583,059
MAY	2,173,034	240,998	1,932,036	606	5,605	-	1,925,824	8,982	2,157,840
JUNE	1,295,477	188,870	1,106,607	587	5,425	1,328	1,099,267	3,989	1,284,149
JULY	1,185,075	178,393	1,006,682	4,850	5,605	2,131	994,095	3,449	1,169,039
AUGUST	1,045,570	157,912	887,658	4,850	5,605	2,177	875,025	2,995	1,029,942
SEPTEMBER	1,033,175	156,620	876,556	4,694	5,425	2,027	864,410	2,881	1,018,149
OCTOBER	1,562,664	245,308	1,317,356	4,850	5,605	-	1,306,900	4,738	1,547,470
NOVEMBER	<u>3,576,746</u>	<u>434,369</u>	<u>3,142,376</u>	<u>4,694</u>	<u>5,425</u>	<u>-</u>	<u>3,132,258</u>	<u>13,422</u>	<u>3,553,206</u>
TOTAL	48,474,108	5,178,038	43,296,070	28,086	66,000	7,663	43,194,321	222,920	48,149,439

**Projected Applicable Fuel Expense
December 1, 2017 GCR Filing**

	DECEMBER 2017	JANUARY 2018	FEBRUARY 2018	MARCH 2018	APRIL 2018	MAY 2018	JUNE 2018	JULY 2018	AUGUST 2018	SEPTEMBER 2018	OCTOBER 2018	NOVEMBER 2018	TOTAL
NATURAL GAS BILLED													
DEMAND CHARGE	\$4,956,562	\$4,955,693	\$4,970,568	\$4,894,614	\$4,789,697	\$4,779,775	\$4,787,727	\$4,777,798	\$4,776,703	\$4,398,533	\$4,375,934	\$4,620,938	\$57,084,540
COMMODITY CHARGE	\$14,695,462	\$15,332,833	\$13,703,288	\$14,411,976	\$12,801,646	\$11,844,249	\$7,945,550	\$6,068,835	\$5,763,615	\$9,888,929	\$10,312,395	\$7,158,662	\$129,927,441
TOTAL NATURAL GAS BILLED	\$19,652,024	\$20,288,526	\$18,673,855	\$19,306,590	\$17,591,344	\$16,624,024	\$12,733,277	\$10,846,632	\$10,540,318	\$14,287,462	\$14,688,329	\$11,779,600	\$187,011,981
INTERRUPTIBLE & A/C CREDIT	\$2,114	\$2,091	\$1,861	\$1,863	\$1,731	\$1,735	\$5,461	\$20,146	\$20,314	\$19,309	\$14,392	\$14,767	\$105,784
SENDOUT VOLUME IN MCF	629	627	566	627	607	627	1,980	7,220	7,267	6,950	5,016	4,854	36,969
DKT CONVERSION FACTOR	1.037	1.037	1.037	1.037	1.037	1.037	1.037	1.037	1.037	1.037	1.037	1.037	
PRICE \$/DKT	\$3.2410	\$3.2169	\$3.1699	\$2.8665	\$2.7511	\$2.6699	\$2.6599	\$2.6909	\$2.6956	\$2.6791	\$2.7670	\$2.9337	
GAS USED FOR UTILITY	\$131,655	\$164,436	\$148,792	\$116,220	\$68,143	\$31,318	\$27,113	\$20,537	\$25,921	\$23,851	\$36,344	\$59,460	\$853,791
NATURAL GAS TO STORAGE	\$0	\$0	\$0	(\$273,168)	(\$3,495,826)	(\$7,392,951)	(\$5,548,641)	(\$3,598,342)	(\$3,291,871)	(\$7,180,052)	(\$3,241,391)	\$0	(\$34,022,242)
FROM STORAGE PGW	\$10,546,298	\$14,220,852	\$10,278,502	\$4,342,215	\$120,278	\$0	\$0	\$0	\$0	\$0	\$0	\$7,950,266	\$47,458,411
FT FROM STORAGE	\$477,053	\$697,928	\$503,413	\$162,433	\$9,029	\$0	\$0	\$0	\$0	\$0	\$0	\$84,512	\$1,934,368
NET NATURAL GAS STORAGE	\$10,546,298	\$14,220,852	\$10,278,502	\$4,069,047	(\$3,375,548)	(\$7,392,951)	(\$5,548,641)	(\$3,598,342)	(\$3,291,871)	(\$7,180,052)	(\$3,241,391)	\$7,950,266	\$13,436,168
LNG TO STORAGE	(\$1,076,903)	(\$530,081)	(\$459,764)	(\$976,426)	(\$882,695)	(\$374,975)	(\$35,286)	\$0	\$0	(\$16,955)	(\$598,658)	(\$1,105,196)	(\$6,056,939)
FROM LNG PGW	\$279,501	\$813,021	\$1,341,875	\$237,063	\$231,211	\$239,755	\$232,272	\$240,041	\$240,041	\$232,301	\$240,510	\$233,134	\$4,560,725
FT FROM LNG	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$0
NET LNG STORAGE	(\$797,402)	\$282,940	\$882,111	(\$739,363)	(\$651,484)	(\$135,221)	\$196,987	\$240,041	\$240,041	\$215,346	(\$358,149)	(\$872,062)	(\$1,496,215)
LNG SALES FROM LNG TANK	\$15,918	\$16,098	\$14,642	\$16,313	\$15,965	\$16,587	\$16,084	\$16,623	\$16,623	\$16,087	\$16,625	\$16,161	\$193,726
SENDOUT VOLUMES (MCF)	5,605	5,605	5,063	5,605	5,425	5,605	5,425	5,605	5,605	5,425	5,605	5,425	66,000
@ AVG LNG COMMODITY RATE	\$2.8398	\$2.8718	\$2.8919	\$2.9102	\$2.9431	\$2.9590	\$2.9649	\$2.9655	\$2.9655	\$2.9655	\$2.9659	\$2.9792	
NET NATURAL GAS EXPENSE	\$29,251,232	\$34,609,693	\$29,669,174	\$22,501,878	\$13,478,472	\$9,046,212	\$7,332,964	\$7,431,025	\$7,425,630	\$7,263,510	\$11,021,427	\$18,767,416	\$197,798,634
APPLICABLE GCR EXPENSE													
NET NATURAL GAS EXPENSE	\$29,251,232	\$34,609,693	\$29,669,174	\$22,501,878	\$13,478,472	\$9,046,212	\$7,332,964	\$7,431,025	\$7,425,630	\$7,263,510	\$11,021,427	\$18,767,416	\$197,798,634
PURCHASED ELECTRIC & MISC	\$67,861	\$74,792	\$70,627	\$68,008	\$47,868	\$40,134	\$22,819	\$41,490	\$35,923	\$28,291	\$41,264	\$47,819	\$586,895
PLANALYTICS	\$0	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$125,000
TOTAL APPLICABLE EXPENSES	\$29,319,093	\$34,809,485	\$29,739,800	\$22,569,885	\$13,526,340	\$9,086,346	\$7,355,783	\$7,472,516	\$7,461,553	\$7,291,801	\$11,062,691	\$18,815,235	\$198,510,529
TOTAL GCR FIRM SALES	5,379,566	9,154,067	8,103,601	6,187,142	4,172,165	1,925,824	1,099,267	994,095	875,025	864,410	1,306,900	3,132,258	43,194,320

INTERRUPTIBLE REVENUE CREDIT
December 1, 2017

Fiscal Year 2017 Reconciliation (8/31/17) \$ 108,827 Schedule 4(c)

<u>MONTH</u>	<u>IRC</u> <u>CREDIT</u>	<u>MARGIN</u>	
September-17	Actual \$ (2,766)	\$ 880	
October	Actual \$ (2,718)	\$ 13,263	
November	Estimated \$ (6,423)	\$ 441	
Act/Est IRC Credit September 2017 to November 2017	<u>\$ (11,907)</u>		
Act/Est Margin September 2017 to November 2017		<u>\$ 14,584</u>	<u>\$ 14,584</u>
FY 2017 Reconciliation Plus Act/Est Margin September 2017 to November 2017			<u>\$ 123,411</u>

FY 2017 Reconciliation Plus Act/Est Margin September 2017 to November 2017	\$ 123,411	
Act/Est IRC Credit September 2017 to November 2017	<u>\$ (11,907)</u>	
Reconciliation as of November 30, 2017	\$ 111,504	
Margin - December 2017 through November 2018	<u>\$ 21,064</u>	Schedule 4(b)
December 1, 2017 Interruptible Revenue Credit	\$ 132,568	

GCR Firm Sales **43,194,321** Schedule 2

December 1, 2017 IRC/Mcf \$ 0.0031

INTERRUPTIBLE REVENUE MARGIN
December 1,2017

<u>MONTH</u>			<u>MARGIN</u>
December-17	Estimated	\$	456
January-18	Estimated	\$	455
February	Estimated	\$	411
March	Estimated	\$	455
April	Estimated	\$	440
May	Estimated	\$	455
June	Estimated	\$	440
July	Estimated	\$	3,638
August	Estimated	\$	3,638
September	Estimated	\$	3,520
October	Estimated	\$	3,638
November	Estimated	\$	<u>3,520</u>
Total		\$	21,064

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	
Actual IRC Credit September 2016 to August 2017	<u>\$ (78,225)</u>		
Actual Margin September 2016 to August 2017		<u>\$ 101,819</u>	<u>\$ 101,819</u>
FY 2016 Reconciliation Plus Actual Margin September 2016 to August 2017			<u>\$ 187,052</u>

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

CALENDAR YEAR 2016
PHILADELPHIA GAS WORKS
INTEREST RATE CALCULATION

MONTH	NET COST OF FUEL 1 (\$)	C FACTOR % of GCR REVENUE BILLED 2 (\$)	OVER/ (UNDER) RECOVERY 3 = (2 - 1) (\$)	INTEREST RATE 4 (\$)
JANUARY 2016	26,541,391	25,579,847	(961,544)	
FEBRUARY	21,760,564	29,800,729	8,040,165	
MARCH	13,895,507	21,997,447	8,101,940	
APRIL	9,593,675	14,088,452	4,494,777	
MAY	9,541,183	8,920,785	(620,398)	
JUNE	5,887,695	5,306,190	(581,505)	
JULY	6,215,584	3,677,884	(2,537,700)	
AUGUST	6,675,834	3,216,623	(3,459,211)	
SEPTEMBER	6,304,036	3,828,361	(2,475,675)	
OCTOBER	7,755,475	5,238,688	(2,516,787)	
NOVEMBER	14,028,425	11,073,137	(2,955,288)	
DECEMBER	27,056,975	23,539,582	(3,517,393)	
Total	155,256,344	156,267,725	1,011,381	3.75%

FISCAL YEAR 2017
PHILADELPHIA GAS WORKS
INTEREST CALCULATION

<u>MONTH</u>	<u>NET COST OF FUEL ^{(1)*}</u> <u>1</u>	<u>TOTAL C FACTOR REVENUE BILLED ⁽¹⁾</u> <u>2</u>	<u>OVER/ (UNDER) RECOVERY</u> <u>3 = (2 - 1)</u>	<u>INTEREST RATE</u> <u>4</u>	<u>TIME FACTOR</u> <u>5</u>	<u>INTEREST EXPENSE</u> <u>6 = (3*4*5)</u>	<u>INTEREST NATURAL GAS REFUNDS ⁽²⁾</u> <u>7</u>	<u>TOTAL INTEREST</u> <u>8 = (6+7)</u>
	<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>	<u>(\$)</u>
SEPTEMBER 16	6,303,741	3,828,360	(2,475,381)	3.75%	18/12	(139,240)	-	(139,240)
OCTOBER	7,758,609	5,238,249	(2,520,360)	3.75%	17/12	(133,894)	-	(133,894)
NOVEMBER	14,124,417	11,081,611	(3,042,806)	3.75%	16/12	(152,140)	243	(151,897)
DECEMBER	26,831,881	23,547,051	(3,284,830)	3.75%	15/12	(153,976)	-	(153,976)
JANUARY 17	30,560,326	35,159,862	4,599,536	3.75%	14/12	201,230	-	201,230
FEBRUARY	31,023,141	28,423,401	(2,599,740)	3.75%	13/12	(105,614)	-	(105,614)
MARCH	25,128,443	27,238,824	2,110,381	3.75%	12/12	79,139	-	79,139
APRIL	10,811,146	21,917,317	11,106,171	3.75%	11/12	381,775	-	381,775
MAY	10,354,017	8,978,241	(1,375,776)	3.75%	10/12	(42,993)	-	(42,993)
JUNE	7,380,023	6,401,559	(978,464)	3.75%	9/12	(27,519)	-	(27,519)
JULY	656,232	4,623,558	3,967,326	3.75%	8/12	99,183	-	99,183
AUGUST	8,160,424	4,307,182	(3,853,242)	3.75%	7/12	(84,290)	-	(84,290)
Total	179,092,400	180,745,217	1,652,817			(78,341)	243	(78,098)
INTEREST FROM 5(b1)								302,955
TOTAL INTEREST								224,857

* Net cost of fuel has been revised September through July

(1) See Schedule 4(c)

(2) See Schedule 5(c)

**CALENDAR YEAR 2016
PHILADELPHIA GAS WORKS
INTEREST ADJUSTMENT CALCULATION**

<u>MONTH</u>	NET COST	C FACTOR	OVER/	INTEREST	TIME	INTEREST	INTEREST	TOTAL
	OF FUEL (1)	% of GCR REVENUE BILLED (1)	(UNDER) RECOVERY 3 = (2 - 1)	RATE	FACTOR	EXPENSE 6 = (3*4*5)	NATURAL GAS REFUNDS	INTEREST 8 = (6+7)
	1	2		4	5	6 = (3*4*5)	7	8 = (6+7)
	(\$)		(\$)	(\$)		(\$)	(\$)	
JANUARY 2016	26,541,391	25,579,847	(961,544)	2%	14/12	(22,436)	-	(22,436)
FEBRUARY	21,760,564	29,800,729	8,040,165	2%	13/12	174,204	-	174,204
MARCH	13,895,507	21,997,447	8,101,940	2%	12/12	162,039	-	162,039
APRIL	9,593,675	14,088,452	4,494,777	2%	11/12	82,404	-	82,404
MAY	9,541,183	8,920,785	(620,398)	2%	10/12	(10,340)	-	(10,340)
JUNE	5,887,695	5,306,190	(581,505)	2%	9/12	(8,723)	-	(8,723)
JULY	6,215,584	3,677,884	(2,537,700)	2%	8/12	(33,836)	-	(33,836)
AUGUST	6,675,834	3,216,623	(3,459,211)	2%	7/12	(40,357)	-	(40,357)
	100,111,433	112,587,957	12,476,524			302,955	0	302,955

(1) See Schedule 5(a)

**FISCAL YEAR 2017
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 16	0	6.00%	18/12	0
OCTOBER	0	6.00%	17/12	0
NOVEMBER	1,431	6.00%	34/12	243
DECEMBER	0	6.00%	15/12	0
JANUARY 17	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	1,431			243

(1) See Schedule 5(a1)

**FISCAL YEAR 2017
PHILADELPHIA GAS WORKS
DEMAND AND COMMODITY INTEREST CALCULATION**

MONTH	OVER/(UNDER)	DEMAND CHARGE	COMMODITY CHARGE	INTEREST	TIME	DEMAND	COMMODITY	TOTAL	INTEREST ON	TOTAL
	RECOVERY (1)	OVER/(UNDER)	OVER/(UNDER)	RATE	FACTOR	INTEREST	INTEREST	INTEREST	REFUNDS (3)	INTEREST
	1	RECOVERY (2)	RECOVERY	4	5	EXPENSE	EXPENSE	EXPENSE	9	10=(8+9)
	(\$)	(\$)	3=(1-2)			6=(2*4*5)	7=(3*4*5)	8=(6+7)	(\$)	(\$)
SEPTEMBER 16	(2,475,381)	(3,553,990)	1,078,609	3.75%	18/12	(199,912)	60,672	(139,240)	0	(139,240)
OCTOBER	(2,520,360)	(3,171,866)	651,506	3.75%	17/12	(168,505)	34,611	(133,894)	0	(133,894)
NOVEMBER	(3,042,806)	(1,891,234)	(1,151,572)	3.75%	16/12	(94,562)	(57,579)	(152,140)	243	(151,897)
DECEMBER	(3,284,830)	1,992,929	(5,277,758)	3.75%	15/12	93,419	(247,395)	(153,976)	0	(153,976)
JANUARY 17	4,599,536	6,387,475	(1,787,939)	3.75%	14/12	279,452	(78,222)	201,230	0	201,230
FEBRUARY	(2,599,740)	3,614,907	(6,214,647)	3.75%	13/12	146,856	(252,470)	(105,614)	0	(105,614)
MARCH	2,110,381	2,635,732	(525,350)	3.75%	12/12	98,840	(19,701)	79,139	0	79,139
APRIL	11,106,171	712,327	10,393,845	3.75%	11/12	24,486	357,288	381,775	0	381,775
MAY	(1,375,776)	(3,346,229)	1,970,453	3.75%	10/12	(104,570)	61,577	(42,993)	0	(42,993)
JUNE	(978,464)	(3,045,504)	2,067,040	3.75%	9/12	(85,655)	58,136	(27,519)	0	(27,519)
JULY	3,967,326	(4,111,881)	8,079,207	3.75%	8/12	(102,797)	201,980	99,183	0	99,183
AUGUST	(3,853,242)	(3,971,444)	118,202	3.75%	7/12	(86,875)	2,586	(84,290)	0	(84,290)
TOTAL FY 2017	1,652,817	(7,748,778)	9,401,595			(199,823)	121,483	(78,341)	243	(78,098)
JANUARY 2016	(961,544)	3,999,064	(4,960,608)	2%	14/12	93,311	(115,748)	(22,436)	0	(22,436)
FEBRUARY	8,040,165	5,913,391	2,126,774	2%	13/12	128,123	46,080	174,204	0	174,204
MARCH	8,101,940	2,388,812	5,713,128	2%	12/12	47,776	114,263	162,039	0	162,039
APRIL	4,494,777	(835,403)	5,330,180	2%	11/12	(15,316)	97,720	82,404	0	82,404
MAY	(620,398)	(2,051,281)	1,430,883	2%	10/12	(34,188)	23,848	(10,340)	0	(10,340)
JUNE	(581,505)	(2,941,164)	2,359,659	2%	9/12	(44,117)	35,395	(8,723)	0	(8,723)
JULY	(2,537,700)	(3,437,793)	900,093	2%	8/12	(45,837)	12,001	(33,836)	0	(33,836)
AUGUST	(3,459,211)	(3,650,472)	191,261	2%	7/12	(42,589)	2,231	(40,357)	0	(40,357)
	12,476,524	(614,846)	13,091,371			87,164	215,791	302,955	0	302,955
Grand Total	14,129,342	(8,363,624)	22,492,966			(112,660)	337,274	224,614	243	224,857

- (1) See Schedule 5(b)
- (2) See Schedule 6(e)
- (3) See Schedule 5(c)

**ACTUAL / ESTIMATED DATA - FISCAL YEAR 2017
PHILADELPHIA GAS WORKS**

Rate	7/1/2016	Split Month 9/1/2016	10/1/2016	Split Month 12/1/2016	1/1/2017	Split Month 3/1/2017	4/1/2017	Split Month 6/1/2017	7/1/2017
	SSC in Effect	\$ 3.7551	\$ 4.0107	\$ 4.2662	\$ 4.2367	\$ 4.2071	\$ 4.6064	\$ 5.0056	\$ 4.8490
GAC in Effect	\$ (0.5353)	\$ (0.2986)	\$ (0.0619)	\$ (0.0547)	\$ (0.0474)	\$ (0.0542)	\$ (0.0609)	\$ (0.0759)	\$ (0.0909)
IRC in Effect	\$ (0.0019)	\$ (0.0018)	\$ (0.0017)	\$ (0.0019)	\$ (0.0020)	\$ (0.0019)	\$ (0.0017)	\$ (0.0023)	\$ (0.0029)
Total Effective	\$ 3.2179	\$ 3.7103	\$ 4.2026	\$ 4.1802	\$ 4.1577	\$ 4.5504	\$ 4.9430	\$ 4.7708	\$ 4.5986
Percentage of Total									
C-Factor	116.7%	108.1%	101.5%	101.4%	101.2%	101.2%	101.3%	101.6%	102.0%
E-Factor	-16.6%	-8.0%	-1.5%	-1.3%	-1.1%	-1.2%	-1.2%	-1.6%	-2.0%
IRC-Factor	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

C-Factor	E-Factor	Interest	FY 2016 Final E-Factor						
Demand Charge in Effect	\$ 1.1324	\$ 1.1749	\$ 1.2173	\$ 1.2885	\$ 1.3596	\$ 1.2780	\$ 1.1964	\$ 1.1765	\$ 1.1565
Commodity in Effect	\$ 2.6227	\$ 2.8358	\$ 3.0489	\$ 2.9482	\$ 2.8475	\$ 3.3284	\$ 3.8092	\$ 3.6726	\$ 3.5359
Total	\$ 3.7551	\$ 4.0107	\$ 4.2662	\$ 4.2367	\$ 4.2071	\$ 4.6064	\$ 5.0056	\$ 4.8490	\$ 4.6924
Percentage of Total									
Demand Charge in Effect	30.2%	29.3%	28.5%	30.4%	32.3%	27.7%	23.9%	24.3%	24.6%
Commodity in Effect	69.8%	70.7%	71.5%	69.6%	67.7%	72.3%	76.1%	75.7%	75.4%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

C-Factor Over/(Under)	E-Factor Over/(Under)	Interest Over/(Under)	FY 2016 Final E-Factor
\$ 2,267,684	\$ (109,192)	\$ 286,497	\$ 2,444,989

Actual	Sep-2016 Actual	Oct-2016 Actual	Nov-2016 Actual	Dec-2016 Actual	Jan-2017 Actual	Feb-2017 Actual	Mar-2017 Actual	Apr-2017 Actual	May-2017 Actual	Jun-2017 Actual	Jul-2017 Actual	Aug-2017 Actual	FY-2017 Totals
Fiscal Year 2016-2017													
GCR Firm Sales	925,157	1,202,685	2,580,829	5,472,734	8,146,730	6,578,367	5,764,593	4,363,162	1,772,773	1,294,582	966,095	897,990	39,965,697
Migration Rider Sales	1,476	-	-	-	-	-	-	-	-	-	-	-	1,476
GCR Revenue Billed	\$ 3,457,095	\$ 5,070,159	\$ 10,825,976	\$ 23,143,420	\$ 34,670,444	\$ 27,997,826	\$ 26,815,639	\$ 21,550,758	\$ 8,774,556	\$ 6,208,276	\$ 4,440,729	\$ 4,129,628	\$ 177,084,505
Migration Rider Revenue Billed	\$ (614)	\$ 38	\$ 342	\$ 98	\$ 17	\$ -	\$ -	\$ -	\$ -	\$ 56	\$ (8)	\$ (83)	\$ (153)
Load Balancing Billed	\$ 91,362	\$ 91,362	\$ 91,800	\$ 83,326	\$ 75,857	\$ 92,917	\$ 93,172	\$ 93,633	\$ 92,562	\$ 91,521	\$ 92,249	\$ 93,320	\$ 1,083,080
LNG Sales Demand Charge Credit	\$ -	\$ -	\$ -	\$ 7,493	\$ 1,622	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,115
Total Revenue Billed	\$ 3,547,843	\$ 5,161,558	\$ 10,918,118	\$ 23,234,337	\$ 34,747,939	\$ 28,090,743	\$ 26,908,811	\$ 21,644,391	\$ 8,867,117	\$ 6,299,853	\$ 4,532,970	\$ 4,222,865	\$ 178,176,546
Natural Gas Refunds	\$ -	\$ -	\$ 1,432	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,432
Demand Charges	\$ 4,732,272	\$ 4,727,256	\$ 5,124,677	\$ 5,149,234	\$ 4,766,298	\$ 5,421,958	\$ 4,824,590	\$ 4,601,393	\$ 5,559,736	\$ 4,660,036	\$ 5,321,419	\$ 5,103,289	\$ 59,992,158
Supply Charges	\$ 1,571,469	\$ 3,031,353	\$ 8,999,740	\$ 21,682,647	\$ 25,794,028	\$ 25,601,183	\$ 20,303,853	\$ 6,209,753	\$ 4,794,281	\$ 2,719,987	\$ (4,665,187)	\$ 3,057,135	\$ 119,100,242
Net Cost of Fuel*	\$ 6,303,741	\$ 7,758,609	\$ 14,124,417	\$ 26,831,881	\$ 30,560,326	\$ 31,023,141	\$ 25,128,443	\$ 10,811,146	\$ 10,354,017	\$ 7,380,023	\$ 656,232	\$ 8,160,424	\$ 179,092,400

* Net cost of fuel has been revised September through July

**FISCAL YEAR 2017
PHILADELPHIA GAS WORKS
C-FACTOR RECONCILIATION**

MONTH	NET COST *	TOTAL GCR	C FACTOR	C FACTOR	LOAD BALANCING	LNG SALES GCR	TOTAL C FACTOR	NATURAL GAS	OVER/	CUMULATIVE
	OF FUEL	REVENUE	% of GCR	REVENUE	REVENUE	BILLED REVENUE	REVENUE	REFUNDS	(UNDER) RECOVERY	OVER/(UNDER)
	1	2	3	4 = (2 * 3)	5	6	7 = (4 + 5 + 6)	8	9 = (7 + 8 - 1)	10
	(\$)	(\$)		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 2016	6,303,741	3,457,095	108.1%	3,736,999	91,362	0	3,828,360	0	(2,475,381)	(2,475,381)
OCTOBER	7,758,609	5,070,159	101.5%	5,146,888	91,362	0	5,238,249	0	(2,520,360)	(4,995,740)
NOVEMBER	14,124,417	10,825,976	101.5%	10,989,811	91,800	0	11,081,611	1,432	(3,041,374)	(8,037,114)
DECEMBER	26,831,881	23,143,420	101.4%	23,456,233	83,326	7,493	23,547,051	0	(3,284,830)	(11,321,943)
JANUARY 2017	30,560,326	34,670,444	101.2%	35,082,383	75,857	1,622	35,159,862	0	4,599,536	(6,722,408)
FEBRUARY	31,023,141	27,997,826	101.2%	28,330,484	92,917	0	28,423,401	0	(2,599,740)	(9,322,148)
MARCH	25,128,443	26,815,639	101.2%	27,145,653	93,172	0	27,238,824	0	2,110,381	(7,211,767)
APRIL	10,811,146	21,550,758	101.3%	21,823,685	93,633	0	21,917,317	0	11,106,171	3,894,405
MAY	10,354,017	8,774,556	101.3%	8,885,680	92,562	0	8,978,241	0	(1,375,776)	2,518,629
JUNE	7,380,023	6,208,276	101.6%	6,310,038	91,521	0	6,401,559	0	(978,464)	1,540,166
JULY	656,232	4,440,729	102.0%	4,531,309	92,249	0	4,623,558	0	3,967,326	5,507,492
AUGUST	<u>8,160,424</u>	<u>4,129,628</u>	102.0%	<u>4,213,862</u>	<u>93,320</u>	<u>0</u>	<u>4,307,182</u>	<u>0</u>	<u>(3,853,242)</u>	1,654,250
Totals	179,092,400	177,084,505		179,653,023	1,083,080	9,115	180,745,217	1,432	1,654,250	

* Net cost of fuel has been revised September through July

**FISCAL YEAR 2017
PHILADELPHIA GAS WORKS
E-FACTOR RECONCILIATION**

		GCR SALES 1	MIGRATION RIDER SALES 2	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)	MIGRATION RIDER REVENUES 7	TOTAL E-FACTOR REVENUE 8=(6 + 7)	OVER/(UNDER) PROJECTED RECOVERY (9)
		(MCF)	(MCF)	(MCF)	(\$)		(\$)	(\$)	(\$)	(\$)
PRIOR YEAR E-FACTOR										\$ 2,444,989
MONTH										
SEPTEMBER 2016	Actual	925,157	1,476	926,633	\$ 3,457,095	-8.0%	\$ (278,226)	\$ (614)	\$ (278,840)	\$ 2,166,149
OCTOBER	Actual	1,202,685	-	1,202,685	\$ 5,070,159	-1.5%	\$ (74,678)	\$ 38	\$ (74,640)	\$ 2,091,509
NOVEMBER	Actual	2,580,829	-	2,580,829	\$ 10,825,976	-1.5%	\$ (159,456)	\$ 342	\$ (159,113)	\$ 1,932,396
DECEMBER	Actual	5,472,734	-	5,472,734	\$ 23,143,420	-1.3%	\$ (302,570)	\$ 98	\$ (302,472)	\$ 1,629,924
JANUARY 2017	Actual	8,146,730	-	8,146,730	\$ 34,670,444	-1.1%	\$ (395,262)	\$ 17	\$ (395,245)	\$ 1,234,679
FEBRUARY	Actual	6,578,367	-	6,578,367	\$ 27,997,826	-1.1%	\$ (319,190)	\$ -	\$ (319,190)	\$ 915,489
MARCH	Actual	5,764,593	-	5,764,593	\$ 26,815,639	-1.2%	\$ (319,111)	\$ -	\$ (319,111)	\$ 596,378
APRIL	Actual	4,363,162	-	4,363,162	\$ 21,550,758	-1.2%	\$ (265,515)	\$ -	\$ (265,515)	\$ 330,863
MAY	Actual	1,772,773	-	1,772,773	\$ 8,774,556	-1.2%	\$ (108,107)	\$ -	\$ (108,107)	\$ 222,756
JUNE	Actual	1,294,582	-	1,294,582	\$ 6,208,276	-1.6%	\$ (98,769)	\$ 56	\$ (98,713)	\$ 124,043
JULY	Actual	966,095	-	966,095	\$ 4,440,729	-2.0%	\$ (87,779)	\$ (8)	\$ (87,788)	\$ 36,256
AUGUST	Actual	897,990	-	897,990	\$ 4,129,628	-2.0%	\$ (81,630)	\$ (83)	\$ (81,713)	\$ (45,457)
Totals		39,965,697	1,476	39,967,173	177,084,505		\$ (2,490,293)	\$ (153)	\$ (2,490,446)	

**FISCAL YEAR 2017
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 2016	3,457,095	-0.05%	(1,677)
OCTOBER	5,070,159	-0.04%	(2,051)
NOVEMBER	10,825,976	-0.04%	(4,379)
DECEMBER	23,143,420	-0.04%	(10,243)
JANUARY 2017	34,670,444	-0.05%	(16,678)
FEBRUARY	27,997,826	-0.05%	(13,468)
MARCH	26,815,639	-0.04%	(10,902)
APRIL	21,550,758	-0.03%	(7,412)
MAY	8,774,556	-0.03%	(3,018)
JUNE	6,208,276	-0.05%	(2,993)
JULY	4,440,729	-0.06%	(2,800)
AUGUST	<u>4,129,628</u>	-0.06%	<u>(2,604)</u>
TOTALS	177,084,505		(78,225)

**FISCAL YEAR 2017
PHILADELPHIA GAS WORKS
RECONCILIATION OF DEMAND CHARGES**

MONTH	DEMAND CHARGES LESS LOAD BALANCING CHARGE REVENUE 1	DEMAND REVENUE BILLED 2	MONTHLY DEMAND OVER/(UNDER) 3 = (2 - 1)	CUMULATIVE DEMAND OVER/(UNDER) 4
	\$	\$	\$	\$
SEPTEMBER 2016	4,640,910	1,086,921	(3,553,990)	(3,553,990)
OCTOBER	4,635,894	1,464,028	(3,171,866)	(6,725,856)
NOVEMBER	5,032,877	3,141,643	(1,891,234)	(8,617,089)
DECEMBER	5,058,415	7,051,344	1,992,929	(6,624,161)
JANUARY 2017	4,688,819	11,076,294	6,387,475	(236,686)
FEBRUARY	5,329,041	8,943,948	3,614,907	3,378,222
MARCH	4,731,418	7,367,150	2,635,732	6,013,953
APRIL	4,507,760	5,220,087	712,327	6,726,280
MAY	5,467,174	2,120,946	(3,346,229)	3,380,051
JUNE	4,568,515	1,523,011	(3,045,504)	334,547
JULY	5,229,170	1,117,289	(4,111,881)	(3,777,334)
AUGUST	<u>5,009,969</u>	<u>1,038,525</u>	<u>(3,971,444)</u>	<u>(7,748,778)</u>
TOTALS	58,899,964	51,151,186	(7,748,778)	

**FISCAL YEAR 2018
PHILADELPHIA GAS WORKS**

Rate	7/1/2017	Split Month 9/1/2017	10/1/2017	Split Month 12/1/2017	1/1/2018
	SSC in Effect	\$ 4.6924	\$ 4.4557	\$ 4.2189	\$ 4.4734
GAC in Effect	\$ (0.0909)	\$ (0.0775)	\$ (0.0640)	\$ (0.0488)	\$ (0.0335)
IRC in Effect	\$ (0.0029)	\$ (0.0028)	\$ (0.0026)	\$ (0.0029)	\$ (0.0031)
Total Effective	\$ 4.5986	\$ 4.3755	\$ 4.1523	\$ 4.4218	\$ 4.6913
Percentage of Total					
C-Factor	102.0%	101.8%	101.6%	101.2%	100.8%
E-Factor	-2.0%	-1.8%	-1.5%	-1.1%	-0.7%
IRC-Factor	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%
Total	100%	100%	100%	100%	100%

C-Factor					
Demand Charge in Effect	\$ 1.1565	\$ 1.2182	\$ 1.2798	\$ 1.3879	\$ 1.4959
Commodity in Effect	\$ 3.5359	\$ 3.2375	\$ 2.9391	\$ 3.0856	\$ 3.2320
	\$ 4.6924	\$ 4.4557	\$ 4.2189	\$ 4.4734	\$ 4.7279
Percentage of Total					
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%
	100%	100%	100%	100%	100%

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

Actual	Sep-2017	Oct-2017
Fiscal Year 2017-2018	Actual	Actual
GCR Firm Sales	997,001	1,044,644
Migration Rider Sales	-	-
GCR Revenue Billed	\$ 4,400,670	\$ 4,340,618
Migration Rider Revenue Billed	\$ -	\$ -
Load Balancing Billed	\$ 93,712	\$ 109,718
LNG Sales Demand Charge Credit	\$ -	\$ -
Total Revenue Billed	\$ 4,494,382	\$ 4,450,337
Natural Gas Refunds	\$ -	\$ -
Demand Charges	\$ 5,020,130	\$ 5,162,832
Supply Charges	\$ 1,640,639	\$ 2,665,933
Net Cost of Fuel	\$ 6,660,769	\$ 7,828,765

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

MONTH	NET COST OF FUEL 1 (\$)	TOTAL GCR REVENUE BILLED 2 (\$)	C FACTOR % of GCR 3	C FACTOR REVENUE BILLED 4 = (2 * 3) (\$)	LOAD BALANCING REVENUE 5 (\$)	LNG SALES GCR BILLED REVENUE 6 (\$)	TOTAL C FACTOR REVENUE BILLED 7 = (4 + 5 + 6) (\$)	NATURAL GAS REFUNDS 8 (\$)	OVER/ (UNDER) RECOVERY 9 = (7 + 8 - 1) (\$)	CUMULATIVE OVER/(UNDER) 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	7,828,765	4,340,618	101.6%	4,410,239	109,718	0	4,519,957	0	(3,308,808)	(5,394,533)

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

		GCR SALES 1	MIGRATION RIDER SALES 2	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)	MIGRATION RIDER REVENUES 7	TOTAL E-FACTOR REVENUE 8=(6 + 7)	OVER/(UNDER) PROJECTED RECOVERY (9)
		(MCF)	(MCF)	(MCF)	(\$)		(\$)	(\$)	(\$)	(\$)
PRIOR YEAR E-FACTOR										
										\$ 1,833,651
MONTH										
SEPTEMBER 2017	Actual	997,001	-	997,001	\$ 4,400,670	-1.8%	\$ (77,896)	-	\$ (77,896)	\$ 1,755,754
OCTOBER	Actual	1,044,644	-	1,044,644	\$ 4,340,618	-1.5%	\$ (66,903)	-	\$ (66,903)	\$ 1,688,852
NOVEMBER	Estimated	2,470,444	-	2,470,444	\$ 10,258,023	-1.5%	\$ (158,108)	-	\$ (158,108)	\$ 1,530,743
6 = (Col 1 * -.0404)										
DECEMBER	Estimated	5,379,566	-	5,379,566	\$ 23,787,367		\$ (217,328)	-	\$ (217,328)	
JANUARY 2018	Estimated	9,154,067	-	9,154,067	\$ 42,944,475		\$ (369,814)	-	\$ (369,814)	
FEBRUARY	Estimated	8,103,601	-	8,103,601	\$ 38,016,421		\$ (327,376)	-	\$ (327,376)	
MARCH	Estimated	6,187,142	-	6,187,142	\$ 29,025,737		\$ (249,953)	-	\$ (249,953)	
APRIL	Estimated	4,172,165	-	4,172,165	\$ 19,572,880		\$ (168,551)	-	\$ (168,551)	
MAY	Estimated	1,925,824	-	1,925,824	\$ 9,034,619		\$ (77,801)	-	\$ (77,801)	
JUNE	Estimated	1,099,267	-	1,099,267	\$ 5,156,993		\$ (44,409)	-	\$ (44,409)	
JULY	Estimated	994,095	-	994,095	\$ 4,663,599		\$ (40,160)	-	\$ (40,160)	
AUGUST	Estimated	875,025	-	875,025	\$ 4,105,004		\$ (35,350)	-	\$ (35,350)	
TOTAL		37,890,753	-	37,890,753	176,307,096		(1,530,743)	-	(1,530,743)	

DECEMBER 1, 2017 E-FACTOR -0.0404

**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	4,400,670	-0.06%	(2,766)
OCTOBER	4,340,618	-0.06%	(2,718)

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

MONTH	DEMAND CHARGES LESS LOAD BALANCING CHARGE REVENUE 1	DEMAND REVENUE BILLED 2	MONTHLY DEMAND OVER/(UNDER) 3 = (2 - 1)	CUMULATIVE DEMAND OVER/(UNDER) 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)

CALCULATION OF RECOVERED CHARGES
1ST Qtr Filing
December 1, 2017

	<u>50% December</u>	<u>11.5 Months</u>	<u>Total</u>
			(MCF) (\$)
S - Firm Sales (Mcf)	2,689,783	40,504,538	43,194,321
C-Factor	<u>\$ 4.2189</u>	<u>\$ 4.7279</u>	
Projected Recovery	11,347,926	191,501,404	\$ 202,849,331
S - Firm Sales (Mcf)	2,689,783	40,504,538	43,194,321
IRC-Factor	<u>\$ (0.0026)</u>	<u>\$ (0.0031)</u>	
Projected Recovery	(6,993)	(125,564)	\$ (132,558)
E-Factor Volumes (Mcf)	2,689,783	40,504,538	43,194,321
E-Factor	<u>\$ (0.0640)</u>	<u>\$ (0.0335)</u>	
Projected Recovery	(172,146)	(1,356,902)	\$ (1,529,048)
GCR (\$ / Mcf)	\$ 4.1523	\$ 4.6913	
<hr/>			
GCR Projected Recovery			\$ 201,187,725
Load Balancing Revenue			\$ 966,782
LNG Sales Demand Revenue			<u>\$ 87,226</u>
TOTAL PROJECTED RECOVERY			\$ 202,241,732

**Change In Rates
1st Quarter Filing
Rates Effective December 1, 2017**

Current Rates

	<u>09/01/17</u> <u>Distribution Charge</u> (1)	<u>09/01/17</u> <u>GCR</u> (2)	<u>09/01/17</u> <u>MFC</u> (3)	<u>09/01/17</u> <u>GPC</u> (4)	<u>09/01/17</u> <u>Commodity</u> <u>Rate</u> (5)=(1)+(2)+(3)+(4)
Residential GS	\$7.7826	\$4.1523	\$0.1943	\$0.0400	\$12.1692
Commercial GS	\$6.3954	\$4.1523	\$0.0116	\$0.0400	\$10.5993
Industrial GS	\$6.3314	\$4.1523	\$0.0125	\$0.0400	\$10.5362
Phila.Housing Authority (PHA)	\$5.9071	\$4.1523	\$0.0000	\$0.0400	\$10.0994
Municipal (MS)	\$5.1224	\$4.1523	\$0.0000	\$0.0400	\$9.3147
Phila.Housing Authority (GS)	\$6.7200	\$4.1523	\$0.0000	\$0.0400	\$10.9123

December 1, 2017 - Distribution Charge

	<u>Delivery</u> <u>Delivery</u> <u>Charge</u> (6)	<u>Surcharges</u>				<u>Total</u> <u>Total</u> <u>Surcharges</u> (11)=(7)+(8)+(9)+(10)	<u>Distribution</u> <u>Charge / Mcf</u> (12)=(11)+(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)		
Residential GS	\$6.6967	\$0.3785	\$0.0225	\$1.4845	\$0.0077	\$1.8932	\$8.5899
Commercial GS	\$4.8651	\$0.3785	\$0.0472	\$1.4845	\$0.0077	\$1.9179	\$6.7830
Industrial GS	\$4.7698	\$0.3785	\$0.0256	\$1.4845	\$0.0077	\$1.8963	\$6.6661
Phila.Housing Authority (PHA)	\$5.0163	\$0.3785	\$0.0472	\$1.4845	\$0.0077	\$1.9179	\$6.9342
Municipal (MS)	\$4.2723	\$0.3785	\$0.0000	\$1.4845	\$0.0077	\$1.8707	\$6.1430
Phila.Housing Authority (GS)	\$5.7105	\$0.3785	\$0.0225	\$1.4845	\$0.0077	\$1.8932	\$7.6037

Proposed Rates

	<u>12/01/17</u> <u>Distribution Charge</u> (12)	<u>12/01/17</u> <u>GCR</u> (13)	<u>12/01/17</u> <u>MFC</u> (14)	<u>12/01/17</u> <u>GPC</u> (15)	<u>12/01/17</u> <u>Commodity</u> <u>Rate</u> (16)=(12)+(13)+(14)+(15)	<u>Difference</u> (17)=(16)-(5)
Residential GS	\$8.5899	\$4.6913	\$0.1764	\$0.0400	\$13.4976	\$1.3284
Commercial GS	\$6.7830	\$4.6913	\$0.0291	\$0.0400	\$11.5434	\$0.9441
Industrial GS	\$6.6661	\$4.6913	\$0.0183	\$0.0400	\$11.4157	\$0.8795
Phila.Housing Authority (PHA)	\$6.9342	\$4.6913	\$0.0000	\$0.0400	\$11.6655	\$1.5661
Municipal (MS)	\$6.1430	\$4.6913	\$0.0000	\$0.0400	\$10.8743	\$1.5596
Phila.Housing Authority (GS)	\$7.6037	\$4.6913	\$0.0000	\$0.0400	\$12.3350	\$1.4227

PHILADELPHIA GAS WORKS
DECEMBER 1,2017
UNIVERSAL SERVICE & ENERGY CONSERVATION SURCHARGE

	Expenses in the Surcharge
Enhanced Low Income Retrofit Program (ELIRP)	\$ 7,930,348
Customer Responsibility Program (CRP)	\$ 53,117,390
Senior Citizen Discount *	\$ 3,196,403
November 2017 Under Collection	<u>\$ 7,232,925</u>
Total \$ to be Recovered	\$ 71,477,066
 Total Applicable Volumes	 Mcf 48,147,721
 Universal Service & Energy Conservation Surcharge	 <u><u>\$ 1.4845</u></u>

* This is the Senior Citizen Discount based on the Distribution Charge without the Universal Services Surcharge plus the GCR. This is used to calculate the Universal Services Surcharge. The total senior citizen discount is \$3,526,647.

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

Month FY 17 Reconciliation		USC Applicable Volumes	USC Charge	USC Revenue Billed	USC Expenses	Monthly Over/(Under) Recovery	Cumulative Over/(Under) Recovery (\$13,309,033)
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)	\$ 1,828,165	(\$8,901,315)
November	Estimated	2,849,113	\$ 1.3701	\$ 3,903,570	\$ 2,235,180	\$ 1,668,390	(\$7,232,925)

USC Expenses	Sep-17	Oct-17	Nov-17
ELIRP Expense	\$ -	\$ 430,271	\$ 691,684
ELIRP Labor	\$ 14,196	\$ 13,745	\$ 11,091
CRP Discount	\$ (1,713,498)	\$ (1,406,870)	\$ 645,152
CRP Forgiveness	\$ 662,258	\$ 712,670	\$ 692,860
Senior Citizen Discount	\$ 92,940	\$ 104,949	\$ 194,393
Bad Debt Expense Offset*	\$ -	\$ -	\$ -
Total	\$ (944,104)	\$ (145,235)	\$ 2,235,180

CRP Participation		
Rate Case Participation Rate	84,000	84,000
Actual Participation Rate*	48,523	48,693
CRP Under(Over) Participation	35,477	35,307
Average Shortfall Per CRP Participant		
CRP Discount	\$ (1,713,498)	\$ (1,406,870)
Actual Participation Rate	48,523	48,693
Average Shortfall per CRP Participant	\$ (35)	\$ (29)
Shortfall*	\$ -	\$ -
Bad Debt Expense Offset* 7.1%	\$ -	\$ -

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

**STATEMENT OF RECONCILIATION
UNIVERSAL SERVICES & ENERGY CONSERVATION SURCHARGE
SEPTEMBER 2016 THROUGH AUGUST 2017**

Month	USC Applicable Volumes	USC Charge	USC Revenue Billed	USC Expenses	Monthly Over/(Under) Recovery	Cumulative Over/(Under) Recovery (\$13,309,033)
FY 16 Reconciliation						
September 2016	Actual 1,071,555	\$ 1.5104	\$ 1,618,477	\$ (1,111,484)	\$ 2,729,960	(\$10,579,073)
October	Actual 1,401,686	\$ 1.5160	\$ 2,124,956	\$ (350,380)	\$ 2,475,335	(\$8,103,737)
November	Actual 2,945,088	\$ 1.5160	\$ 4,464,753	\$ 3,840,976	\$ 623,777	(\$7,479,961)
December	Actual 6,044,721	\$ 1.4103	\$ 8,524,567	\$ 9,787,491	\$ (1,262,924)	(\$8,742,884)
January 2017	Actual 8,819,225	\$ 1.3045	\$ 11,504,679	\$ 13,419,769	\$ (1,915,089)	(\$10,657,974)
February	Actual 7,178,104	\$ 1.3045	\$ 9,363,837	\$ 12,257,565	\$ (2,893,728)	(\$13,551,702)
March	Actual 6,357,678	\$ 1.3837	\$ 8,796,801	\$ 10,100,491	\$ (1,303,689)	(\$14,855,391)
April	Actual 4,732,361	\$ 1.4628	\$ 6,922,497	\$ 7,077,738	\$ (155,241)	(\$15,010,632)
May	Actual 1,993,474	\$ 1.4628	\$ 2,916,054	\$ 2,387,656	\$ 528,397	(\$14,482,235)
June	Actual 1,471,294	\$ 1.4555	\$ 2,141,468	\$ 473,926	\$ 1,667,542	(\$12,814,693)
July	Actual 1,114,534	\$ 1.4482	\$ 1,614,069	\$ (569,755)	\$ 2,183,824	(\$10,630,869)
August	Actual 1,050,023	\$ 1.4482	\$ 1,520,644	\$ (183,170)	\$ 1,703,814	(\$8,927,055)

USC Expenses	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Total
ELIRP Expense	\$ 4,070	\$ 3,253	\$ 718,095	\$ 1,262,122	\$ 10,299	\$ 887,272	\$ 384,814	\$ 14,514	\$ 744,026	\$ 429,352	\$ 462,272	\$ 1,011,051	\$ 5,931,140
ELIRP Labor	\$ 9,245	\$ 6,710	\$ 8,205	\$ 9,915	\$ 9,808	\$ 9,788	\$ 14,621	\$ 13,132	\$ 13,075	\$ 17,188	\$ 13,645	\$ 15,713	\$ 141,045
CRP Discount	\$ (1,982,820)	\$ (1,220,808)	\$ 2,207,684	\$ 7,322,973	\$ 11,987,815	\$ 10,152,493	\$ 8,410,876	\$ 5,992,880	\$ 752,518	\$ (786,284)	\$ (1,755,818)	\$ (1,978,781)	\$ 39,102,727
CRP Forgiveness	\$ 764,938	\$ 734,013	\$ 625,108	\$ 676,546	\$ 678,708	\$ 578,057	\$ 746,293	\$ 629,213	\$ 688,848	\$ 685,067	\$ 615,783	\$ 679,553	\$ 8,102,127
Senior Citizen Discount	\$ 93,084	\$ 126,452	\$ 281,884	\$ 515,935	\$ 733,139	\$ 629,955	\$ 543,886	\$ 427,999	\$ 189,190	\$ 128,603	\$ 94,363	\$ 89,294	\$ 3,853,784
Bad Debt Expense Offset*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ (1,111,484)	\$ (350,380)	\$ 3,840,976	\$ 9,787,491	\$ 13,419,769	\$ 12,257,565	\$ 10,100,491	\$ 7,077,738	\$ 2,387,656	\$ 473,926	\$ (569,755)	\$ (183,170)	\$ 57,130,823

CRP Participation													
Rate Case Participation Rate	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000	84,000
Actual Participation Rate*	50,045	49,664	49,558	49,321	49,009	48,580	47,668	48,099	48,502	47,852	47,966	48,547	48,547
CRP Under(Over) Participation	33,955	34,336	34,442	34,679	34,991	35,420	36,332	35,901	35,498	36,148	36,034	35,453	35,453
Average Shortfall Per CRP Participant													
CRP Discount	\$ (1,982,820)	\$ (1,220,808)	\$ 2,207,684	\$ 7,322,973	\$ 11,987,815	\$ 10,152,493	\$ 8,410,876	\$ 5,992,880	\$ 752,518	\$ (786,284)	\$ (1,755,818)	\$ (1,978,781)	\$ (1,978,781)
Actual Participation Rate	50,045	49,664	49,558	49,321	49,009	48,580	47,668	48,099	48,502	47,852	47,966	48,547	48,547
Average Shortfall per CRP Participant	\$ (40)	\$ (25)	\$ 45	\$ 148	\$ 245	\$ 209	\$ 176	\$ 125	\$ 16	\$ (16)	\$ (37)	\$ (41)	\$ (41)
Shortfall*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bad Debt Expense Offset* 7.1%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

EFFICIENCY COST RECOVERY (ECR) SURCHARGE
December 1, 2017

<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	\$780,658	\$82,765	\$607	\$864,030
Labor Expense	\$15,002	\$1,609	\$12	\$16,624
Commercial & Industrial Retrofit Incentive (CIRI)				
Program Expense	\$163,132	\$294,462	\$0	\$457,595
Labor Expense	\$3,459	\$6,243	\$0	\$9,702
Commercial & Industrial Equipment Rebate (CIER)				
Program Expense	\$7,755	\$367,908	\$65,799	\$441,462
Labor Expense	\$167	\$7,412	\$1,394	\$8,974
High-Efficiency Construction Incentive (HECI)				
Program Expense	\$116,347	\$142,499	\$0	\$258,846
Labor Expense	\$2,386	\$2,920	\$0	\$5,306
Comprehensive Residential Retrofit Incentive (CRRI)				
Program Expense	\$0	\$0	\$0	\$0
Labor Expense	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Total Expense	\$1,088,907	\$905,819	\$67,812	\$2,062,538
Prior Period Reconciliation (11/31/17)	<u>\$ (293,404)</u>	<u>\$ (379,760)</u>	<u>\$ (45,005)</u>	<u>\$ (718,169)</u>
Total	\$795,503	\$526,059	\$22,807	\$1,344,369
Volumes - Mcf (GCR Firm & Firm Transportation)	35,288,049	11,135,499	889,580	

Efficiency Cost Recovery Surcharge / Mcf	\$0.0225	\$0.0472	\$0.0256
---	-----------------	-----------------	-----------------

**EFFICIENCY COST RECOVERY (ECR) SURCHARGE
STATEMENT OF RECONCILIATION
FISCAL YEAR 2018**

		<u>Actual</u> <u>Sep-17</u>	<u>Actual</u> <u>Oct-17</u>	<u>Estimated</u> <u>Nov-17</u>
RESIDENTIAL & PHA GS				
FY 2017 Over-Collection	\$ 423,608			
Volume Billed		741,149	774,207	1,919,699
ECR Surcharge		\$ 0.0175	\$ 0.0196	\$ 0.0196
Revenue Billed		\$ 12,970	\$ 15,174	\$ 37,626
RHER	Expense	\$ -	\$ 73,271	\$ 64,779
RHER	Labor	\$ 1,393	\$ 1,349	\$ 1,088
HECI	Expense	\$ -	\$ 11,587	\$ 10,244
HECI	Labor	\$ 220	\$ 213	\$ 172
CRRI	Expense	\$ -	\$ -	\$ -
CRRI	Labor	\$ -	\$ -	\$ -
CIRI	Expense	\$ -	\$ 15,653	\$ 13,839
CIRI	Labor	\$ 298	\$ 288	\$ 233
CIER	Expense	\$ -	\$ 695	\$ 614
CIER	Labor	\$ 13	\$ 13	\$ 10
Total		\$ 1,924	\$ 103,070	\$ 90,980
Monthly Over/(Under)		\$ 11,046	\$ (87,895)	\$ (53,354)
Cumulative Over/(Under)		\$ 434,653	\$ 346,758	\$ 293,404
COMMERCIAL & PHA				
FY 2017 Over-Collection	\$ 479,880			
Volume Billed		377,134	409,226	806,830
ECR Surcharge		\$ 0.0494	\$ 0.0407	\$ 0.0407
Revenue Billed		\$ 18,612	\$ 16,655	\$ 32,838
RHER	Expense	\$ -	\$ 7,520	\$ 6,649
RHER	Labor	\$ 143	\$ 138	\$ 112
CRRI	Expense	\$ -	\$ -	\$ -
CRRI	Labor	\$ -	\$ -	\$ -
CIRI	Expense	\$ -	\$ 28,255	\$ 24,980
CIRI	Labor	\$ 537	\$ 520	\$ 420
CIER	Expense	\$ -	\$ 36,890	\$ 32,614
CIER	Labor	\$ 701	\$ 679	\$ 548
HECI	Expense	\$ -	\$ 14,211	\$ 12,564
HECI	Labor	\$ 270	\$ 262	\$ 211
Total		\$ 1,652	\$ 88,476	\$ 78,098
Monthly Over/(Under)		\$ 16,960	\$ (71,820)	\$ (45,260)
Cumulative Over/(Under)		\$ 496,840	\$ 425,019	\$ 379,760
INDUSTRIAL				
FY 2017 Over-Collection	\$ 51,029			
Volume Billed		28,842	30,282	74,403
ECR Surcharge		\$ 0.0507	\$ 0.0419	\$ 0.0419
Revenue Billed		\$ 1,461	\$ 1,269	\$ 3,117
RHER	Expense	\$ -	\$ 52	\$ 46
RHER	Labor	\$ 1	\$ 1	\$ 1
CIRI	Expense	\$ -	\$ -	\$ -
CIRI	Labor	\$ -	\$ -	\$ -
CIER	Expense	\$ -	\$ 6,078	\$ 5,374
CIER	Labor	\$ 116	\$ 112	\$ 90
Total		\$ 117	\$ 6,243	\$ 5,511
Monthly Over/(Under)		\$ 1,344	\$ (4,975)	\$ (2,393)
Cumulative Over/(Under)		\$ 52,373	\$ 47,399	\$ 45,005

**EFFICIENCY COST RECOVERY (ECR) SURCHARGE
STATEMENT OF RECONCILIATION
SEPTEMBER 2016 - AUGUST 2017**

		Actual Sep-16	Actual Oct-16	Actual Nov-16	Actual Dec-16	Actual Jan-17	Actual Feb-17	Actual Mar-17	Actual Apr-17	Actual May-17	Actual Jun-17	Actual Jul-17	Actual Aug-17	Total FY 2017
RESIDENTIAL & PHA GS														
FY 2016 Over-Collection	\$	470,139												
Volume Billed		690,375	883,073	2,034,747	4,485,964	6,792,242	5,444,687	4,737,259	3,630,094	1,393,529	1,016,531	726,798	656,123	32,491,422
ECR Surcharge	\$	0.0157	0.0195	0.0195	0.0221	0.0247	0.0247	0.0235	0.0222	0.0222	0.0188	0.0154	0.0154	
Revenue Billed	\$	10,839	17,220	39,678	99,140	167,768	134,484	111,089	80,588	30,936	19,111	11,193	10,104	732,149
RHER	Expense	\$ 3,209	\$ 3,085	\$ 40,562	\$ 38,157	\$ 43,984	\$ 66,832	\$ 46,841	\$ 16,581	\$ 45,167	\$ 25,325	\$ 13,888	\$ 96,458	\$ 440,091
RHER	Labor	\$ 1,095	\$ 795	\$ 1,289	\$ 1,176	\$ 1,164	\$ 1,107	\$ 1,732	\$ 1,555	\$ 1,746	\$ 2,036	\$ 1,616	\$ 2,344	\$ 17,654
HECI	Expense	\$ 59	\$ 47	\$ 762	\$ 1,632	\$ 13,674	\$ 27,478	\$ 1,853	\$ 4,588	\$ 14,314	\$ 5,205	\$ 84	\$ 96,363	\$ 166,058
HECI	Labor	\$ 133	\$ 97	\$ 117	\$ 143	\$ 141	\$ 1,091	\$ 211	\$ 189	\$ 910	\$ 248	\$ 197	\$ 1,049	\$ 4,525
CRR1	Expense	\$ 93	\$ 1,870	\$ 14,029	\$ 80,151	\$ 9,894	\$ 60,908	\$ (34,233)	\$ 332	\$ 156	\$ -	\$ 0	\$ 3,478	\$ 136,678
CRR1	Labor	\$ 211	\$ 153	\$ 196	\$ 227	\$ 224	\$ 234	\$ 333	\$ 300	\$ 314	\$ -	\$ 0	\$ 1,080	\$ 3,273
CIRI	Expense	\$ 76	\$ 61	\$ 285	\$ 111	\$ 1,157	\$ 387	\$ 55	\$ 272	\$ 122	\$ 354	\$ 377	\$ 2,504	\$ 5,762
CIRI	Labor	\$ 174	\$ 126	\$ 155	\$ 186	\$ 184	\$ 184	\$ 274	\$ 247	\$ 246	\$ 323	\$ 256	\$ 296	\$ 2,651
CIER	Expense	\$ 4	\$ 3	\$ (7)	\$ 412	\$ 362	\$ (786)	\$ 489	\$ 686	\$ (1,175)	\$ 106	\$ 123	\$ 1,708	\$ 1,925
CIER	Labor	\$ 8	\$ 6	\$ (14)	\$ 9	\$ 9	\$ (18)	\$ 13	\$ 12	\$ (25)	\$ 15	\$ 12	\$ 36	\$ 64
Total	\$	5,062	6,243	57,374	122,203	70,793	157,418	17,568	24,763	61,775	33,611	16,553	205,317	778,681
Monthly Over/(Under)	\$	5,777	10,977	(17,696)	(23,063)	96,976	(22,934)	93,520	55,825	(30,839)	(14,500)	(5,360)	(195,213)	
Cumulative Over/(Under)	\$	475,916	486,892	469,196	446,133	543,108	520,174	613,694	669,519	638,680	624,180	618,820	423,608	
COMMERCIAL & PHA														
FY 2016 Over-Collection	\$	160,448												
Volume Billed		342,337	464,675	809,222	1,351,756	1,746,985	1,486,058	1,407,527	946,366	526,783	421,964	350,089	353,743	10,207,505
ECR Surcharge	\$	0.0493	0.0510	0.0510	0.0560	0.0610	0.0610	0.0590	0.0570	0.0570	0.0575	0.0580	0.0580	
Revenue Billed	\$	16,877	23,698	41,270	75,698	106,566	90,650	83,044	53,943	30,027	24,263	20,305	20,517	586,859
RHER	Expense	\$ 354	\$ 340	\$ (694)	\$ 4,138	\$ 4,770	\$ 3,962	\$ 5,163	\$ 1,828	\$ 341	\$ 2,791	\$ 1,531	\$ (2,033)	\$ 22,490
RHER	Labor	\$ 121	\$ 88	\$ (208)	\$ 128	\$ 126	\$ 182	\$ 171	\$ (23)	\$ 224	\$ 178	\$ (274)	\$ 904	
CRR1	Expense	\$ 2	\$ 35	\$ (36)	\$ 1,480	\$ 183	\$ (1,662)	\$ (699)	\$ 6	\$ (7)	\$ -	\$ (0)	\$ -	\$ (700)
CRR1	Labor	\$ 4	\$ 3	\$ (7)	\$ 4	\$ 4	\$ (8)	\$ 7	\$ 6	\$ (12)	\$ -	\$ -	\$ -	
CIRI	Expense	\$ 138	\$ 110	\$ 514	\$ 200	\$ 2,088	\$ 699	\$ 100	\$ 492	\$ 220	\$ 638	\$ 680	\$ 4,521	\$ 10,400
CIRI	Labor	\$ 313	\$ 227	\$ 279	\$ 336	\$ 332	\$ 333	\$ 495	\$ 445	\$ 445	\$ 582	\$ 462	\$ 534	\$ 4,784
CIER	Expense	\$ 193	\$ 154	\$ 3,753	\$ 21,874	\$ 19,231	\$ 36,765	\$ 25,932	\$ 36,438	\$ 16,243	\$ 5,604	\$ 6,535	\$ 49,483	\$ 222,206
CIER	Labor	\$ 439	\$ 319	\$ (432)	\$ 464	\$ 459	\$ 1,360	\$ 694	\$ 624	\$ 962	\$ 816	\$ 648	\$ 988	\$ 7,342
HECI	Expense	\$ 72	\$ 57	\$ 941	\$ 2,001	\$ 16,771	\$ (19,843)	\$ 2,273	\$ 5,627	\$ (7,900)	\$ 6,383	\$ 103	\$ (6,486)	\$ 0
HECI	Labor	\$ 163	\$ 119	\$ 146	\$ 175	\$ 173	\$ (777)	\$ 258	\$ 232	\$ (490)	\$ 304	\$ 241	\$ (545)	\$ -
Total	\$	1,799	1,452	4,257	30,800	44,138	21,011	34,415	45,868	9,776	17,343	10,378	46,188	267,426
Monthly Over/(Under)	\$	15,078	22,247	37,013	44,898	62,428	69,638	48,630	8,075	20,250	6,919	9,927	(25,671)	
Cumulative Over/(Under)	\$	175,526	197,772	234,786	279,684	342,112	411,750	460,380	468,454	488,705	495,624	505,551	479,880	
INDUSTRIAL														
FY 2016 Over-Collection	\$	15,015												
Volume Billed		25,814	37,863	60,548	104,737	136,311	117,791	112,132	65,235	36,051	29,639	26,658	28,324	781,103
ECR Surcharge	\$	0.1224	0.1212	0.1212	0.0798	0.0384	0.0384	0.0470	0.0556	0.0556	0.0575	0.0594	0.0594	
Revenue Billed	\$	3,160	4,589	7,338	8,358	5,234	4,523	5,270	3,627	2,004	1,704	1,583	1,682	49,074
RHER	Expense	\$ 3	\$ 3	\$ (5)	\$ 31	\$ 35	\$ (67)	\$ 38	\$ 14	\$ (52)	\$ 21	\$ 11	\$ (32)	\$ (1)
RHER	Labor	\$ 1	\$ 1	\$ (2)	\$ 1	\$ 1	\$ (2)	\$ 1	\$ 1	\$ (3)	\$ 2	\$ 1	\$ (3)	\$ (0)
CIRI	Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIRI	Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIER	Expense	\$ 29	\$ 23	\$ 12,689	\$ 3,604	\$ 3,169	\$ (7,840)	\$ 3,829	\$ 5,380	\$ (9,300)	\$ 827	\$ 965	\$ (724)	\$ 12,650
CIER	Labor	\$ 65	\$ 47	\$ 901	\$ 76	\$ 76	\$ (800)	\$ 103	\$ 92	\$ (212)	\$ 121	\$ 96	\$ (153)	\$ 411
Total	\$	97	73	13,584	3,712	3,281	(8,709)	3,971	5,487	(9,566)	970	1,073	(912)	13,060
Monthly Over/(Under)	\$	3,063	4,516	(6,245)	4,646	1,954	13,232	1,299	(1,860)	11,571	734	510	2,594	
Cumulative Over/(Under)	\$	18,077	22,593	16,348	20,994	22,947	36,180	37,479	35,619	47,190	47,924	48,434	51,029	

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

FY 16 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>	<u>\$0.0010</u>	<u>\$1,054</u>
Total		44,420,614		\$47,164

FY 2017 Est R&CE Recovery (\$212,110)

FY 2017 R&CE Expense \$71,817

FY 2017 Over/(Under) Recovery (\$283,927)

**PHILADELPHIA GAS WORKS
LOAD BALANCING CHARGE
DECEMBER 1, 2017**

Storage and Peaking Asset Cost	\$	14,230,689
<hr/>		
Design Day Requirements (Mcf)		672,749
Fulfilled from FT Capacity (Mcf)		<u>296,427</u>
Fulfilled from Storage and Peaking Assets (Excess Mcf)		376,322
<hr/>		
Annual Storage and Peaking Cost per Excess Mcf	\$	37.8152
Per Mcf Over / (Under) Adjustment	\$	<u>(0.1930)</u>
Load Balancing Charge	\$	38.0082

Over / (Under) Recovery	\$	(56,749)
Interest	\$	<u>(5,091)</u>
Total Over/(Under) Recovery	\$	(61,840)
Forecasted SSPC Volumes		320,495
Per Mcf Over / (Under) Adjustment	\$	(0.1930)

Projected Unaccounted For Factor And Retainage Rate
December 1, 2017

<u>Fiscal Year</u>	<u>Firm Sendout (Mcf)</u>	<u>Accounted For Gas (Mcf)</u>	<u>Unaccounted For (Mcf)</u>	<u>3 Year Average</u>
2014-15	55,108,734	53,062,451	2,046,284	
2015-16*	43,436,532	42,040,302	1,396,230	
2016-17	45,968,346	44,693,234	<u>1,275,112</u>	
Total	144,513,612	139,795,987	4,717,626	3.3%

* Fiscal Year 2016 Firm Sendout revised.

Natural Gas Prices Used for PGW's - FY 2017-2018 - 1st Quarter GCR Filing

Basis Differentials

Prices Used For Gas Cost Inputs

	TRANSCO					TETCO				NYMEX Futures 11/01/17 Close	TRANSCO					TETCO			
	Sta 30	Sta 45	Sta 65	Sta. 85	Zone 6- Non-NY	ELA	WLA	M-1	M-2		Sta 30	Sta 45	Sta 65	Sta. 85	Zone 6- Non-NY	ELA	WLA	M-1	M-2
Nov-17											2.67	2.69	2.70	2.70	2.59	2.64	2.67	2.62	1.51
Dec-17	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.32)	2.893	2.78	2.75	2.87	2.88	2.96	2.83	2.81	2.79	2.57
Jan-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.32)	3.017	2.91	2.88	3.00	3.01	3.09	2.96	2.94	2.92	2.70
Feb-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.32)	3.024	2.91	2.88	3.00	3.01	3.09	2.96	2.94	2.92	2.70
Mar-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.32)	2.992	2.88	2.85	2.97	2.98	3.06	2.93	2.91	2.89	2.67
Apr-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.32)	2.853	2.74	2.71	2.83	2.84	2.92	2.79	2.77	2.75	2.53
May-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.32)	2.841	2.73	2.70	2.82	2.83	2.91	2.78	2.76	2.74	2.52
Jun-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.32)	2.872	2.76	2.73	2.85	2.86	2.94	2.81	2.79	2.77	2.55
Jul-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.32)	2.905	2.80	2.77	2.89	2.90	2.98	2.85	2.83	2.81	2.59
Aug-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.32)	2.910	2.80	2.77	2.89	2.90	2.98	2.85	2.83	2.81	2.59
Sep-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.32)	2.893	2.78	2.75	2.87	2.88	2.96	2.83	2.81	2.79	2.57
Oct-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.32)	2.917	2.81	2.78	2.90	2.91	2.99	2.86	2.84	2.82	2.60
Nov-18	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.32)	2.975	2.87	2.84	2.96	2.97	3.05	2.92	2.90	2.88	2.66

Actual Natural Gas Billed

	<u>Jul-17</u>	<u>Aug-17</u>	<u>Sep-17</u>
Williams	\$ 2,639,026	\$ 2,622,521	\$ 2,541,408
Texas Eastern	\$ 2,441,985	\$ 2,326,816	\$ 2,390,439
Dominion	\$ 136,748	\$ 136,748	\$ 131,747
Equitrans	\$ -	\$ -	\$ -
Spot Purchases -Transco	\$ 4,459	\$ 5,183	\$ 3,672
Spot Purchases -Tetco	\$ -	\$ -	\$ -
Transco Supply2	\$ 368,900	\$ 350,300	\$ 369,000
Transco Supply3	\$ -	\$ -	\$ -
Transco Supply6	\$ 367,350	\$ 348,750	\$ 367,500
Transco Supply7	\$ -	\$ -	\$ -
Transco Supply8	\$ 459,550	\$ 451,225	\$ 236,945
Transco Supply10	\$ -	\$ -	\$ -
Transco Supply12	\$ -	\$ -	\$ -
Transco Supply14	\$ 418,810	\$ 403,620	\$ 389,400
Transco Supply17	\$ -	\$ -	\$ -
Transco Supply20	\$ -	\$ -	\$ -
Transco Supply21	\$ -	\$ -	\$ -
Transco Supply22	\$ 460,713	\$ 452,388	\$ 238,245
Transco Supply23	\$ 904,425	\$ 904,425	\$ 878,250
Transco Supply24	\$ -	\$ -	\$ -
Transco Supply25	\$ -	\$ -	\$ -
Transco Supply26	\$ -	\$ -	\$ -
Transco Supply27	\$ -	\$ -	\$ -
Transco Supply28	\$ -	\$ -	\$ -
Transco Supply29	\$ -	\$ -	\$ -
Transco Supply30	\$ -	\$ -	\$ -
Transco Supply31	\$ -	\$ -	\$ -
Transco Supply32	\$ 372,000	\$ 353,400	\$ 372,000
Tetco Supply1	\$ -	\$ -	\$ -
Tetco Supply2	\$ -	\$ -	\$ -
Tetco Supply3	\$ -	\$ -	\$ -
Tetco Supply4	\$ -	\$ -	\$ -
Tetco Supply5	\$ 348,285	\$ 333,095	\$ 321,150
Tetco Supply7	\$ -	\$ -	\$ -
Tetco Supply13	\$ -	\$ -	\$ -
Tetco Supply14	\$ -	\$ -	\$ -
Tetco Supply16	\$ 277,838	\$ 262,338	\$ 243,375
Tetco Supply17	\$ -	\$ -	\$ -
Tetco Supply18	\$ -	\$ -	\$ -
Tetco Supply19	\$ -	\$ -	\$ -
Tetco Supply20	\$ -	\$ -	\$ -
Tetco Supply21	\$ -	\$ -	\$ -
Tetco Supply22	\$ -	\$ -	\$ -
Tetco Supply23	\$ -	\$ -	\$ -
Tetco Supply24	\$ 1,011,168	\$ 887,003	\$ 756,975
Tetco Supply25	\$ -	\$ -	\$ -
Tetco Supply26	\$ 413,885	\$ 313,340	\$ 257,860
Tetco Supply27	\$ -	\$ -	\$ -
Tetco Supply28	\$ 277,838	\$ 262,338	\$ 243,375
Tetco Supply29	\$ -	\$ -	\$ -
Tetco Supply30	\$ -	\$ -	\$ -
Tetco Supply31	\$ -	\$ -	\$ -
Total Costs	\$ 10,902,980	\$ 10,413,490	\$ 9,741,341
Sharing Mechanism	\$ 36,878	\$ 62,830	\$ 44,450
Asset Management Agreement	\$ (25,000)	\$ 100,000	\$ -
Off System Sales	\$ -	\$ -	\$ -
Gas Transportation Purchases	\$ -	\$ -	\$ -
Adjustment/Reconciliation	\$ (209,644)	\$ (12,025)	\$ -
Total Natural Gas Billed	\$ 10,705,214	\$ 10,564,295	\$ 9,785,791

**Philadelphia Gas Works
Summary of Fuels Purchased
Three Months Ending September 2017**

	<u>Actual</u>				<u>Projected</u>			<u>Actual Over/Under vs Projected</u>				
	<u>Jul-17</u>	<u>Aug-17</u>	<u>Sep-17</u>	<u>Total</u>	<u>3rd Qtr Filing Jul-17</u>	<u>4th Qtr Filing Aug-17</u>	<u>4th Qtr Filing Sep-17</u>	<u>Total</u>	<u>Jul-17</u>	<u>Aug-17</u>	<u>Sep-17</u>	<u>Total</u>
Total Natural Gas Billed	\$ 10,705,214	\$ 10,564,295	\$ 9,785,791	\$ 31,055,300	\$ 8,546,929	\$ 8,430,715	\$ 10,144,559	\$ 27,122,203	\$ 2,158,285	\$ 2,133,580	\$ (358,768)	\$ 3,933,097
Less Imbalance Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Less Interruptible Credit	\$ 10,553	\$ 10,087	\$ 9,605	\$ 30,245	\$ 56,234	\$ 6,878	\$ 20,762	\$ 83,874	\$ (45,681)	\$ 3,209	\$ (11,157)	\$ (53,629)
Gas Used For Utility	\$ 17,187	\$ 24,319	\$ 19,962	\$ 61,468	\$ 24,053	\$ 17,484	\$ 30,057	\$ 71,594	\$ (6,866)	\$ 6,835	\$ (10,095)	\$ (10,126)
	\$ 10,677,474	\$ 10,529,889	\$ 9,756,224	\$ 30,963,587	\$ 8,466,642	\$ 8,406,353	\$ 10,093,740	\$ 26,966,735	\$ 2,210,832	\$ 2,123,536	\$ (337,516)	\$ 3,996,852
Pipeline Storages												
(To)	\$ (4,221,172)	\$ (3,817,841)	\$ (3,306,685)	\$ (11,345,698)	\$ (1,343,071)	\$ (3,258,327)	\$ (3,133,317)	\$ (7,734,715)	\$ (2,878,101)	\$ (559,514)	\$ (173,368)	\$ (3,610,983)
From	\$ (6,041,493)	\$ 1,086,873	\$ 268	\$ (4,954,352)	\$ -	\$ -	\$ -	\$ -	\$ (6,041,493)	\$ 1,086,873	\$ 268	\$ (4,954,352)
Net Pipeline Storages	\$ (10,262,665)	\$ (2,730,968)	\$ (3,306,417)	\$ (16,300,050)	\$ (1,343,071)	\$ (3,258,327)	\$ (3,133,317)	\$ (7,734,715)	\$ (8,919,594)	\$ 527,359	\$ (173,100)	\$ (8,565,335)
LNG Storage												
(To)	\$ -	\$ -	\$ (6,668)	\$ (6,668)	\$ -	\$ -	\$ (26,610)	\$ (26,610)	\$ -	\$ -	\$ 19,942	\$ 19,942
From	\$ 209,818	\$ 206,585	\$ 184,518	\$ 600,921	\$ 245,257	\$ 197,970	\$ 203,816	\$ 647,043	\$ (35,439)	\$ 8,615	\$ (19,298)	\$ (46,122)
Net LNG Storage	\$ 209,818	\$ 206,585	\$ 177,850	\$ 594,253	\$ 245,257	\$ 197,970	\$ 177,206	\$ 620,433	\$ (35,439)	\$ 8,615	\$ 644	\$ (26,180)
Net Natural Gas	\$ 624,627	\$ 8,005,506	\$ 6,627,657	\$ 15,257,790	\$ 7,368,827.68	\$ 5,345,996	\$ 7,137,629	\$ 19,852,453	\$ (6,744,201)	\$ 2,659,510	\$ (509,972)	\$ (4,594,663)
APPLICABLE GCR EXPENSES												
Net Natural Gas Expense	\$ 624,627	\$ 8,005,506	\$ 6,627,657	\$ 15,257,790	\$ 7,368,828	\$ 5,345,996	\$ 7,137,629	\$ 19,852,453	\$ (6,744,201)	\$ 2,659,510	\$ (509,972)	\$ (4,594,663)
Purchased Electric & Misc	\$ 31,605	\$ 29,474	\$ 33,112	\$ 94,191	\$ 45,806	\$ 31,867	\$ 23,643	\$ 101,316	\$ (14,201)	\$ (2,393)	\$ 9,469	\$ (7,125)
Total GCR Expenses	\$ 656,232	\$ 8,034,980	\$ 6,660,769	\$ 15,351,981	\$ 7,414,634	\$ 5,377,863	\$ 7,161,272	\$ 19,953,769	\$ (6,758,402)	\$ 2,657,117	\$ (500,503)	\$ (4,601,788)