



PHILADELPHIA GAS WORKS

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August 31, 2016

VIA FEDERAL EXPRESS

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

RECEIVED
AUG 30 2016
PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Re: Pa. PUC v. Philadelphia Gas Works (4th Quarter 2015-2016 GCR Filing)
Docket No.: R-2015-2465656
Pa. PUC v. Philadelphia Gas Works (2015-2016 GCR Compliance Tariffs)
Docket No.: R-2016-2526700

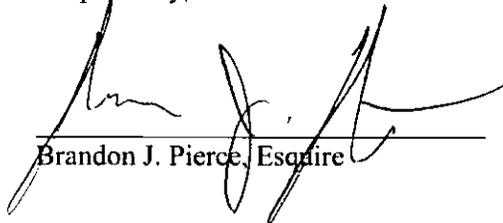
Dear Secretary Chiavetta:

Enclosed please find the follow tariff supplements and supporting schedules:

- 1) PGW Gas Service Tariff, Pa. P.U.C. No. 2, Supplement No. 94;
- 2) PGW Gas Supplier Tariff, Pa. P.U.C. No. 1, Supplement No. 67.

These supplements are being filed to implement PGW's 4th Quarter 2015-2016 Gas Cost Rate ("GCR") and PGW's compliance with the Commission's Order entered July 21, 2016 at Docket No. R-2016-2526700 approving PGW's 2016-2017 GCR. The tariff supplements are to become effect September 1, 2016. Additionally, these supplements remove PGW's Migration and Reverse Migration Rider provisions to comply with Act 47 of 2016, P.L. 355, which amended, *inter alia*, 66 Pa. C.S. § 1307(f)(5).

Respectfully,



Brandon J. Pierce, Esquire

Enclosures

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

CERTIFICATE OF SERVICE

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

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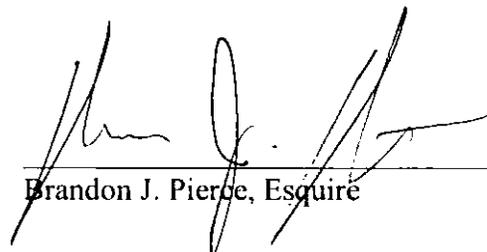
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Dated: August 31, 2016



Brandon J. Pierce, Esquire

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

Supplement No. 94

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. Additionally, removed Migration/Reverse Migration Rider from Page No. 7.

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

In the definition of "GAC," the "GAC" value effective September 1, 2016 increases from \$(0.05353) per Ccf to \$(0.00619) per Ccf.

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

In the definition of "IRC," the "IRC" value effective September 1, 2016 decreases from \$0.00019 per Ccf to \$0.00017 per Ccf. In the definition of "SSC," the "SSC" value effective September 1, 2016 increases from \$0.37551 per Ccf to \$0.42662 per Ccf.

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

The Gas Cost Rate (GCR) effective September 1, 2016 increases from \$0.32179 per Ccf to \$0.42026 per Ccf. Additionally, the Migration Rider was removed from the GAC formula in subsection III.A.

MIGRATION/REVERSE MIGRATION RIDER (Page No. 75)

This provision was removed in its entirety to comply with Act 47 of 2016, P.L. 355, which amended, *inter alia*, 66 Pa. C.S. § 1307(f)(5). The page remains in the Tariff as a placeholder for future use.

PRICE TO COMPARE (Page No. 78)

The Prices to Compare effective September 1, 2016 are: a) \$0.44410 per Ccf for Residential; b) \$0.42561 per Ccf for Commercial Customers on Rate GS; c) \$0.42569 per Ccf for Industrial Customers on Rate GS; and d) \$0.42443 per Ccf for Municipal Customers on Rate MS, The Philadelphia Housing Authority on Rate PHA, Public Housing Customers on Rate GS & Natural Gas Vehicle Service on Rate NGVS.

RESTRUCTURING AND CONSUMER EDUCATION SURCHARGE (Page No. 79)

The Current Restructuring and Consumer Education Surcharge effective September 1, 2016 is \$0.00100 per Ccf.

EFFICIENCY COST RECOVERY SURCHARGE (Page No. 80)

The Efficiency Cost Recovery Surcharges effective September 1, 2016 are: a) \$0.00195 per Ccf for Residential and Public Housing Customers on Rate GS; b) \$0.00510 per Ccf for Commercial Customers on Rate GS; c) \$0.01212 per Ccf for Industrial Customers on Rate GS; d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and e) \$0.00510 per Ccf for The Philadelphia Housing Authority on Rate PHA.

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

The Universal Service and Energy Conservation Surcharge effective September 1, 2016 increases from \$0.15048 per Ccf to \$0.15160 per Ccf.

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

The Other Post Employment Benefit Surcharge effective September 1, 2016 increases from \$0.03003 per Ccf to \$0.03724 per Ccf.

GENERAL SERVICE – RATE GS (Page No. 83)

The Gas Cost Rate (GCR) effective September 1, 2016 increases from \$0.32179 per Ccf to \$0.42026 per Ccf.

PHILADELPHIA GAS WORKS

GENERAL SERVICE – RATE GS (Page No. 84)

The Migration Rider and Reverse Migration Rider were removed from the list of charges that may apply to service taken under this rate.

MUNICIPAL SERVICE – RATE MS (Page No. 87)

The Gas Cost Rate (GCR) effective September 1, 2016 increases from \$0.32179 per Ccf to \$0.42026 per Ccf.

MUNICIPAL SERVICE – RATE MS (Page No. 88)

The Migration Rider and Reverse Migration Rider were removed from the list of charges that may apply to service taken under this rate.

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

The Gas Cost Rate (GCR) effective September 1, 2016 increases from \$0.32179 per Ccf to \$0.42026 per Ccf.

PHILADELPHIA HOUSING AUTHORITY SERVICE – RATE PHA (Page No. 91)

The Migration Rider and Reverse Migration Rider were removed from the list of charges that may apply to service taken under this rate.

BOILER AND POWER PLANT SERVICE – RATE BPS (Page No. 94)

The Migration Rider was removed from the list of charges that may apply to service taken under this rate.

LOAD BALANCING SERVICE – RATE LBS (Page No. 98)

The Migration Rider was removed from the list of charges that may apply to service taken under this rate.

INTERRUPTIBLE TRANSPORTATION – RATE IT (Page No. 117)

The Migration Rider was removed from the list of charges that may apply to service taken under this rate.

COGENERATION SERVICE – RATE CG (Page No. 132)

The Migration Rider was removed from the list of charges that may apply to service taken under this rate.

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

The Gas Cost Rate (GCR) effective September 1, 2016 increases from \$0.32179 per Ccf to \$0.42026 per Ccf.

DEVELOPMENTAL NATURAL GAS VEHICLE SERVICE – RATE NGVS INTERRUPTIBLE SERVICE (PAGE NO. 140)

The Migration Rider and Reverse Migration Rider were removed from the list of charges that may apply to service taken under this rate.

TABLE OF CONTENTS

	<u>Page Number</u>
List of Changes Made By This Tariff _____	Ninety Third Revised 2
Description of Territory Served _____	5
Table of Contents _____	Ninety Third 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 _____	First 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 Second 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_	Seventeenth Revised 78
Restructuring and Consumer Education Surcharge _____	Twenty Third Revised 79
Efficiency Cost Recovery Mechanism _____	Thirtieth Revised 80
Universal Services Surcharge _____	Sixty Fourth Revised 81
Other Post Employment Benefit Surcharge _____	Ninth Revised 82
General Service - Rate GS _____	Seventy First Revised 83
Municipal Service - Rate MS _____	Seventy First Revised 87
Philadelphia Housing Authority Service – Rate PHA _____	Seventy First Revised 90
Boiler and Power Plant Service – Rate BPS _____	Fourth Revised 93
Load Balancing Service – RATE LBS _____	Fourth Revised 97
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 _____	Third Revised 131
Developmental Natural Gas Vehicle Service - Rate NGVS Firm Service	Forty Fourth 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 _____	Third Revised 149
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE _____	Fourteenth Revised 151

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 \$(0.02562) per Ccf for Commodity Costs and \$0.01943 per Ccf for Demand Costs, for service on or after September 1, 2016. The total GAC is \$(0.00619) 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 \$0.00017 per Ccf for service on or after September 1, 2016.

(D)

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

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

SSC - Sales Service Charge - The purchased Gas costs determined to the nearest $\frac{1}{100}$ of a cent (\$0.0001). The currently effective SSC is \$0.30489 per Ccf for Commodity Costs and \$0.12173 per Ccf for Demand Costs, for service on or after September 1, 2016. The total SSC is \$0.42662 per Ccf.

(I)

(I) - Increase; (D) - Decrease

PHILADELPHIA GAS WORKS

III. COMPUTATION OF GAS COST RATE

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

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

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

The currently effective Gas Cost Rate is \$0.42026 per Ccf, for service on or after September 1, 2016. (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

(C)

(This page intentionally left blank for future use.)

(C) – Change

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: 4.68% - GS Residential (“GS RES”); 0.28% - GS Commercial (“GS COM”); and 0.30% - GS Industrial (“GS IND”). The current MFC is set forth below in the Price to Compare table.

GAS PROCUREMENT CHARGE (“GPC”)

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

Current Gas Procurement Charge = \$0.00400/Ccf

PRICE TO COMPARE (“PTC”)

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

	GS RES	GS PH	GS COM	GS IND	MS	PHA	NGVS	
SSC	\$0.42662	\$0.42662	\$0.42662	\$0.42662	\$0.42662	\$0.42662	\$0.42662	(C)
GAC	(\$0.00619)	(\$0.00619)	(\$0.00619)	(\$0.00619)	(\$0.00619)	(\$0.00619)	(\$0.00619)	
MFC	\$0.01967	\$0.00000	\$0.00118	\$0.00126	\$0.00000	\$0.00000	\$0.00000	
GPC	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	
PTC	<u>\$0.44410</u>	<u>\$0.42443</u>	<u>\$0.42561</u>	<u>\$0.42569</u>	<u>\$0.42443</u>	<u>\$0.42443</u>	<u>\$0.42443</u>	

(C) - Change

RESTRUCTURING AND CONSUMER EDUCATION SURCHARGE

Non-Gas restructuring and consumer education costs will be recovered by a Restructuring and Consumer Education Surcharge applicable to all volumes of Gas delivered.

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

Current Restructuring and Consumer Education Surcharge = \$0.00100/Ccf

(C)

(C) - Change

EFFICIENCY COST RECOVERY SURCHARGE

The cost of the energy efficiency programs (i.e. the demand side management programs) for the firm customer rate classes listed below will be recovered by an Efficiency Cost Recovery Surcharge applicable to all volumes of Gas delivered.

- 1) The Surcharge will recover the program costs and the administrative costs of the energy efficiency program.
- 2) Computation of the Efficiency Cost Recovery Surcharge factors will be in accordance with the automatic adjustment procedures utilized under Section 1307(f) of the Public Utility Code and will be filed and approved in conjunction with the Company's annual Section 1307(f)-GCR filing.
- 3) Once the surcharge is in place, it will be automatically adjusted effective March 1, June 1, September 1, and December 1 of each year in accordance with Section 1307(f) quarterly adjustment procedures. No interest will be included in such surcharge computations. The basic component of the surcharge will be determined by dividing the total energy efficiency program costs approved for annual recovery plus (or minus) any over (or under) recovery from the prior period by the estimated applicable throughput in Mcfs. The costs related to customers other than low income residential customers are tracked and will be recovered separately from each of the following firm customer rate classes if the customer class is served by the energy efficiency program:
 - a) Residential and Public Housing Customers on Rate GS;
 - b) Commercial Customers on Rate GS;
 - c) Industrial Customers on Rate GS;
 - d) Municipal Customers on Rate MS; and
 - e) The Philadelphia Housing Authority on Rate PHA.

The surcharge shall be a cents per Ccf charge calculated to the nearest one-thousandth of a cent (0.00001) which shall be added to the distribution rates for billing purposes for all customers in each of the above rate classes. The rate shall be calculated separately for each rate class as follows:

- | | |
|---|------|
| a) \$0.00195 per Ccf for Residential and Public Housing Customers on Rate GS; | (I) |
| b) \$0.00510 per Ccf for Commercial Customers on Rate GS; | (I) |
| c) \$0.01212 per Ccf for Industrial Customers on Rate GS; | (D) |
| d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and | (NC) |
| e) \$0.00510 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; (D) – Decrease; (NC) – No Change

UNIVERSAL SERVICE AND ENERGY CONSERVATION SURCHARGE

Universal service and energy conservation program and related costs will be recovered by a Universal Service and Energy Conservation Surcharge applicable to all volumes of Gas delivered.

1. The Surcharge will recover: 1) the discounts provided to Customers pursuant to the Customer Responsibility Program (CRP); 2) the discounts provided to Customers pursuant to the Senior Citizen Discount; 3) the costs of 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 = \$ 0.15160/Ccf.

(I)

(I) - Increase

OTHER POST EMPLOYMENT BENEFIT ("OPEB") SURCHARGE

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

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

Current Other Post Employment Benefit Rider Surcharge = \$0.03724/Ccf

(I)

(I) - Increase

GENERAL SERVICE - RATE GS

Rate: Applicable to all Retail Sales Service or Transportation Service rendered pursuant to this Rate Schedule on or after September 1, 2016

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)):

\$ 12.00 per month for Residential and Public Housing Authority Customers.
\$ 18.00 per month for Commercial Customers
\$ 50.00 per month for Industrial Customers

Surcharge: Distribution System Improvement Charge.

Plus,

GCR (not applicable to GS Customers who transport gas through a qualified NGS):

\$0.42026 per Ccf for Residential and Public Housing (I)
\$0.42026 per Ccf for Commercial Customers (I)
\$0.42026 per Ccf for Industrial Customers (I)

Plus,

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

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

\$0.60067 per Ccf for Residential
\$0.49441 per Ccf for Public Housing
\$0.45984 per Ccf for Commercial and Municipal Customers
\$0.45332 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.

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Also,

The following may apply:

(C)

SPECIAL PROVISION – Air Conditioning Rider

SPECIAL PROVISION – Compressed Natural Gas (CNG) Rider

EXIT FEE

SENIOR CITIZEN DISCOUNT – to the extent authorized by this Gas Service Tariff.

(C) – Change

MUNICIPAL SERVICE - RATE MS

Rate: Applicable to all Retail Sales Service or Transportation Service rendered pursuant to this Rate Schedule on or after September 1, 2016.

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):

\$ 18.00 per month

Surcharge: Distribution System Improvement Charge.

Plus,

GCR (not applicable to MS Customers who transport Gas through a qualified NGS):

\$0.42026 per Ccf

(I)

Plus,

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

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

\$0.33661 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.

Also,

The following Riders may apply:

(C)

SPECIAL PROVISION – Air Conditioning Rider
SPECIAL PROVISION – Compressed Natural Gas (CNG) Rider
EXIT FEE

CONTRACT

Standard service agreements are for a one year period.

COMPANY RULES

The provisions of this Tariff shall govern the supply of services under this Rate Schedule.

(C) – Change

PHILADELPHIA HOUSING AUTHORITY SERVICE - RATE PHA

Rate: Applicable to all Retail Sales Service or Transportation Services rendered pursuant to this Rate Schedule on or after September 1, 2016

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);

\$18.00 per month

Surcharge: Distribution System Improvement Charge.

Plus,

GCR (not applicable to PHA customers who transport gas through a qualified NGS):

\$0.42026 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):

\$0.41101 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 GAS WORKS

Also,

The following Riders may apply:

(C)

SPECIAL PROVISION – Air Conditioning Rider
EXIT FEE

CONTRACT

Standard service agreements are for a one year period.

COMPANY RULES

The provisions of this Tariff shall govern the supply of Gas under this classification.

(C) – Change

All BPS pricing information is as published by the Journal of Commerce, or a successor publication, or where none exists, a publication selected by the Company pending final approval of the Commission, as posted in the first 12 issues of the calendar month in which the calculation is made. The price is adjusted for Btu equivalence. In no event, however, shall such charges be less than 110% of the incremental Gas costs for Gas sold under this rate schedule plus an adjustment for all applicable taxes, as determined by the Company.

The Commodity Charge for Rate BPS Customers, as calculated above, will be available by the last working day of each month, and will be applicable for the subsequent calendar month, to the extent that service under this rate can be made available. The company reserves the right to adjust the price during the month and make such information available in the event that, in the company's sole opinion, the prices warrant such adjustment.

The following Riders may apply:

(C)

SPECIAL PROVISION – Air Conditioning Rider
SPECIAL PROVISION – Emergency/ Unauthorized Use Gas Rider

MINIMUM CHARGE

The monthly Minimum Charge is the Customer Charge set forth above.

GAS COST RATE

The Gas Cost Rate does not apply to this service.

CONTRACT

Standard service agreements are for not less than a one-year period. The Company reserves the right to limit the amount of Gas supplied under this rate to the annual contract quantity specified in the Service Agreement with the Customer.

GAS MEASUREMENT

The quantity of Gas consumed will be corrected for billing purposes to conditions of 14.73 pounds per square inch absolute pressure and 60 degrees Fahrenheit.

(C) – Change

The rate so calculated will be available by the last working day of each month, and will be applicable for the subsequent calendar month, to the extent that service under this rate can be made available. The company reserves the right to adjust the price during the month and make such information available in the event that, in the company's sole opinion, the prices warrant such adjustment.

The following Riders may apply:

(C)

SPECIAL PROVISION – Emergency/Unauthorized Use Gas Rider

MINIMUM CHARGE

The monthly Minimum Charge is the Customer Charge.

GAS COST RATE

The Gas Cost Rate does not apply to this service.

CONTRACT

Standard contracts are for not less than a one year period. The Company reserves the right to limit the amount of Gas supplied under this rate to the Annual Contract Quantity specified in the Service Agreement with the Customer. The minimum charge shall be on a monthly service period basis and shall not be less than the Customer Charge.

GAS MEASUREMENT

The quantity of Gas consumed will be corrected for billing purposes to conditions of 14.73 pounds per square inch absolute pressure and sixty degrees Fahrenheit.

(C) – Change

STANDBY SERVICE

Contingent upon the Company's ability to arrange the required supply contracts, a Customer may contract for Standby Service to purchase Gas from the Company under a specified Retail Rate Schedule, in the event that the Customer experiences an interruption or curtailment in Transportation Service by a Supplier. The contract term for Standby Service shall be a minimum of one year. The maximum volume of Gas that the Company is obligated to provide under Standby Service on any Gas day shall be specified in the individual service agreement. Volumes taken in excess of the specified daily standby limits, except for those volumes authorized and supplied by the Company under an applicable retail rate, shall be purchased by the Customer at the higher of: (a) 150% of the average of the two highest Daily Market Index Prices for the monthly period beginning on the first day of the month; or (b) 150% of the Company's highest incremental supply cost for the month.

A Customer contracting for Standby Service shall pay a monthly reservation charge. This charge shall be based on the demand charge paid by the Company to its highest cost pipeline and then applied to the supplier's Standby Service Quantity as specified in the individual Service agreement. The Company may revise the reservation charge no more frequently than monthly to reflect changes in the pipeline demand and related charges. The reservation charge prorated on a daily basis will be credited to all volumes purchased under the standby service. In addition, at the end of each contract year, the Customer will be assessed those minimum bill or take-or-pay charges actually paid by the Company to its own suppliers, which are attributable to the volume reserved but not taken under this Standby Service.

LIABILITY

The Company shall not be liable for curtailment of service under this rate schedule or loss of Gas of the Customer as a result of any steps taken to comply with any law, regulation or order of any governmental agency with jurisdiction to regulate, allocate or control Gas supplies or the rendering of service hereunder, and regardless of any defect in such law, regulation or order.

The Company reserves the right to commingle transport Gas with its other supplies but Gas is and remains the property of the Customer while being transported and delivered by the Company. The Customer shall be responsible for maintaining all insurance it deems necessary to protect its property interest in such Gas before, during and after receipt by the Company. The Company shall not be liable for any loss to the Customer or any other entity or person(s) arising from or out of service under this rate schedule, including loss of Gas in the possession of the Company or any other cause.

COMPANY RULES

The provisions this Tariff shall govern the service under this classification except where noted herein.

The following Riders may apply:

(C)

(C) – Change

PHILADELPHIA GAS WORKS

For Customers contracting under this service for over 1,000,000 Mcf of Gas per year, the above fixed contribution shall be determined by negotiation between the Customer and the Company provided, however, that the contribution, so determined, shall not be less than 10% of the above computed cost of Gas.

This commodity charge shall be applicable so long as the facility is operating in accordance with this rate. In the event of operations otherwise, the Gas utilized will be billed at the appropriate rate.

The following Riders may apply:

(C)

SPECIAL PROVISION – Emergency/Unauthorized Use Rider

MINIMUM CHARGE

The monthly Minimum Charge is the Customer Charge.

GAS COST RATE

The Gas Cost Rate does not apply to this service.

CONTRACT TERM

The duration of the Gas Service contract shall be as specified in the required individual Service Agreement. In no event shall the contract term be for a period of less than one year.

GAS MEASUREMENT

The quantity of Gas consumed will be corrected for billing purposes to conditions of 14.73 pounds per square inch absolute pressure and 60 degrees Fahrenheit.

CONDITIONS OF USE

The Customer will be required to pay for the investment in facilities which PGW installs to provide service under this rate schedule. The Company shall own and maintain such facilities. Gas used for cogeneration purposes shall be separately metered, where in the Company's judgment, separate metering is practicable. If the Company determines that separate metering is not appropriate, cogeneration use shall be estimated by the Company for billing purposes. For existing Customers qualifying for service under this rate schedule, monthly base period usage levels will be defined in the individual service agreement. Monthly usage up to these specified levels will continue to be billed as the first Gas through the meter each month at the then current level of the rate schedule under which the Customer is now receiving service, followed by all qualifying volumes billed under this cogeneration service.

(C) – Change

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

Rate: Applicable to all Retail Sales Service rendered pursuant to this Rate Schedule on or after
September 1, 2016

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):

\$0.42026 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.

PHILADELPHIA GAS WORKS

The following Riders may apply:

(C)

SPECIAL PROVISION – Emergency/Unauthorized Use Gas Rider

MINIMUM CHARGE

The monthly Minimum Charge is the Customer charge set forth above.

APPLICABLE TAXES

The Customer will reimburse the Company for all taxes payable by the Company to any governmental body on sales of Gas and/or for services rendered under this rate schedule.

GAS COST RATE

The Gas Cost Rate does not apply to this service.

CONTRACT TERM

The duration of the contract for service under this rate schedule shall be as specified in the required individual service agreement. In no event shall the contract term be for a period of less than one year.

GAS MEASUREMENT

The quantity of Gas consumed will be corrected for billing purposes to conditions of 14.73 pounds per square inch absolute pressure and 60 degrees Fahrenheit.

CONDITIONS OF USE

All Gas volumes received under this rate schedule shall be separately metered. The use of such Gas for any purpose other than as a fuel for motor vehicles is prohibited. The Company reserves the right to inspect the facilities and equipment of Customer to ensure compliance. Violation of this provision may be grounds for termination of service, and may subject the Customer to penalty charges for unauthorized Gas usage.

The Company is not obligated to construct compressor stations for dispensing Gas under this rate schedule. However, if the Company in its sole judgment, elects to construct or acquire such facilities, and establishes public access to these facilities, the charge for compression of Natural Gas and refueling at the company station, will be set forth in the service agreement with Customers contracting for such service.

(C) – Change

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

Supplement No. 67

PHILADELPHIA GAS WORKS

GAS SUPPLIER TARIFF



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

List of Changes Made by this Tariff

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

The load balancing charge effective September 1, 2016 is \$39.4919 per design day Mcf.

TABLE OF CONTENTS

	<u>Page Number</u>
List of Changes Made By This Tariff _____	Sixty Seventh Revised 2
Checksheet _____	First Revised 4
Description of Territory Served _____	5
Table of Contents _____	Sixty Sixth 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 \$39.4919 per design day Mcf that is fulfilled by PGW storage and peaking assets, for recovery of those costs for Balancing Service, calculated in the manner set forth in the Commission's Order at M-00021612 (entered March 31, 2003) and as set forth below. Such rate for Balancing Service shall be increased or decreased, from time to time, in accordance with applicable law and procedures. (l)

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

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

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

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

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

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

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

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

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

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

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

(l) – Increase

Supporting Schedules

**SEPTEMBER 1, 2016
4TH QUARTER GCR FILING**

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
Fiscal Year 2015-2016 Actual/Estimated Data.....	Schedule 4 (a)
Fiscal Year 2015-2016 C-Factor Reconciliation	Schedule 4 (b)
Fiscal Year 2015-2016 E-Factor Reconciliation.....	Schedule 4 (c)
Fiscal Year 2015-2016 IRC-Factor Revenue Billed.....	Schedule 4 (d)
Fiscal Year 2015-2016 Reconciliation of Demand Charges.....	Schedule 4 (e)
Calendar Year 2015 Interest Rate Calculation.....	Schedule 5 (a)
Fiscal Year 2015-2016 Interest Calculation.....	Schedule 5 (b)
Calendar Year 2015 Interest Adjustment Calculation.....	Schedule 5 (b1)
Fiscal Year 2015-2016 Natural Gas Refunds.....	Schedule 5 (c)
Fiscal Year 2015-2016 Demand and Commodity Interest Calculation.....	Schedule 5 (d)
Load Balancing Surcharge – September 1, 2016.....	Schedule 6
Calculation of Recovered Charges.....	Schedule 7
Changes in Rates.....	Schedule 8
Universal Service & Energy Conservation Surcharge (USC)	Schedule 9 (a)
Statement of Reconciliation – USC Surcharge – Sept. 2015 To Aug. 2016.....	Schedule 9 (b)
Interruptible Revenue Credit – September 1, 2016.....	Schedule 10 (a)
Fiscal Year 2016-2017 - Interruptible Revenue Margin.....	Schedule 10 (b)
Finalized Reconciliation - Interruptible Revenue Credit - FY 2015.....	Schedule 10 (c)
Other Post Employee Benefits Surcharge – FY2017	Schedule 11
Efficiency Cost Recovery Surcharge – FY 2017	Schedule 12 (a)
Efficiency Cost Recovery Surcharge Reconciliation – FY 2016	Schedule 12 (b)
Restructuring & Consumer Education Surcharge.....	Schedule 13 (a)
Restructuring & Consumer Education Recovery Forecasts.....	Schedule 13 (b)

SEPTEMBER 1, 2016
4TH QUARTER GCR FILING

TABLE OF CONTENTS

Natural Gas Prices.....	Schedule 14
Actual Natural Gas Billed.....	Schedule 15
Summary of Fuels Purchased	Schedule 16

Philadelphia Gas Works
Levelized Gas Cost Rate
4th Qtr Filing - September 1, 2016

Formula:
GCR = SSC + GAC - IRC

where:

	<u>Demand</u>	<u>Commodity</u>	<u>Total</u>	
S = Firm Sales (Mcf)			45,029,301	Schedule 2
Net Natural Gas Expense	\$ 55,279,569	\$ 137,638,467	\$ 192,918,036	
Purchased Electric & Misc Expenses	\$ -	\$ 810,621	\$ 810,621	
C = Total Applicable GCR Expense	\$ 55,279,569	\$ 138,449,088	\$ 193,728,657	Schedule 3
SSC = C / S	\$ 1.2276	\$ 3.0747	\$ 4.3023	
Adjustment For:				
E-Factor Volumes (Mcf)			45,029,301	
Interest	\$ 445,959	\$ (751,840)	\$ (305,881)	Schedule 5(b)
E-Factor Reconciliation	\$ 8,950,092	\$ (11,638,208)	\$ (2,688,116)	Schedule 4(b)(c)
	\$ 9,396,050	\$ (12,390,048)	\$ (2,993,997)	
E = E-Factor	\$ 0.2087	\$ (0.2752)	\$ (0.0665)	
Interruptible Revenue Credit			\$ 76,079	Schedule 10(a)
IRC = Interruptible Revenue Credit / S			\$ 0.0017	
Net Applicable GCR Expenses = C + E - Interruptible Revenue Credit			\$ 190,658,580	
<u>GCR = SSC + GAC - IRC</u>			\$ 4.2341	
SSC in effect 9/01/16	\$ 1.2173	\$ 3.0489	\$ 4.2662	
GAC in effect 9/01/16	\$ 0.1943	\$ (0.2562)	\$ (0.0619)	
IRC in effect 9/01/16			\$ (0.0017)	
GCR in effect 9/01/16			\$ 4.2026	Schedule 7
Recovery Test on:				
Firm Sales (Mcf)			45,029,301	
= GCR Projected Recovery			\$ 188,806,650	
= Load Balancing Revenue			\$ 1,174,400	
= LNG Sales Demand Revenue			\$ 675,180	
= Total Projected Recovery			\$ 190,656,230	Schedule 7
Compared To				
Net Applicable GCR Expenses			\$ 190,658,580	
= Net Over/(Under) Recovery			\$ (2,350)	
Degree Days			4,237	

Philadelphia Gas Works

Price To Compare (\$ / MCF)

September 1, 2016

	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	\$4.2026	(\$0.0636)	\$4.2662	4.68%	\$0.1967	\$0.0400	(\$0.0619)	\$4.4410
Commercial GS	\$4.2026	(\$0.0636)	\$4.2662	0.28%	\$0.0118	\$0.0400	(\$0.0619)	\$4.2561
Industrial GS	\$4.2026	(\$0.0636)	\$4.2662	0.30%	\$0.0126	\$0.0400	(\$0.0619)	\$4.2569
Phila. Housing Authority (PHA)	\$4.2026	(\$0.0636)	\$4.2662	0%	\$0.0000	\$0.0400	(\$0.0619)	\$4.2443
Municipal (MS)	\$4.2026	(\$0.0636)	\$4.2662	0%	\$0.0000	\$0.0400	(\$0.0619)	\$4.2443
NGV Firm	\$4.2026	(\$0.0636)	\$4.2662	0%	\$0.0000	\$0.0400	(\$0.0619)	\$4.2443
Phila. Housing Authority (GS)	\$4.2026	(\$0.0636)	\$4.2662	0%	\$0.0000	\$0.0400	(\$0.0619)	\$4.2443

SALES & VOLUMES

SEPTEMBER 2016 THROUGH AUGUST 2017

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)
SEPTEMBER 2016	1,088,959	161,404	927,555	204	45,205	1,697	880,448	3,983	1,037,869
OCTOBER	1,696,777	248,642	1,448,135	211	46,712	119	1,401,094	7,144	1,642,591
NOVEMBER	3,765,951	433,983	3,331,968	204	45,205	-	3,286,558	19,752	3,700,790
DECEMBER	6,493,849	668,388	5,825,461	211	46,712	-	5,778,538	35,835	6,411,091
JANUARY 2017	10,320,699	885,817	9,434,882	211	46,712	-	9,387,959	59,483	10,214,293
FEBRUARY	9,116,346	768,596	8,347,750	191	42,192	-	8,305,367	51,875	9,022,089
MARCH	7,113,493	628,134	6,485,359	211	46,712	-	6,438,436	38,965	7,027,605
APRIL	4,877,141	407,425	4,469,716	204	45,205	-	4,424,306	26,144	4,805,587
MAY	2,373,797	242,069	2,131,727	211	46,712	5	2,084,799	11,028	2,315,840
JUNE	1,360,769	189,566	1,171,203	204	45,205	1,049	1,124,745	4,627	1,309,683
JULY	1,247,396	181,629	1,065,767	211	46,712	1,652	1,017,192	3,978	1,194,843
AUGUST	<u>1,110,555</u>	<u>161,626</u>	<u>948,929</u>	<u>211</u>	<u>46,712</u>	<u>2,147</u>	<u>899,859</u>	<u>3,477</u>	<u>1,058,007</u>
TOTAL	50,565,732	4,977,278	45,588,454	2,485	550,000	6,668	45,029,301	266,291	49,740,287

**Projected Applicable Fuel Expense
SUMMARY
FY 2015-2016 4th Quarter Filing**

	SEPTEMBER 2016	OCTOBER 2016	NOVEMBER 2016	DECEMBER 2016	JANUARY 2017	FEBRUARY 2017	MARCH 2017	APRIL 2017	MAY 2017	JUNE 2017	JULY 2017	AUGUST 2017	TOTAL
NATURAL GAS BILLED													
DEMAND CHARGE	\$4,559,208	\$4,652,873	\$4,665,118	\$4,711,113	\$4,710,300	\$4,746,112	\$4,649,309	\$4,634,692	\$4,484,390	\$4,501,882	\$4,482,707	\$4,481,866	\$55,279,569
COMMODITY CHARGE	\$6,186,297	\$10,657,082	\$14,610,889	\$19,282,347	\$14,750,735	\$14,342,159	\$12,212,527	\$13,957,550	\$12,602,807	\$9,560,015	\$9,717,290	\$9,567,236	\$147,446,935
TOTAL NATURAL GAS BILLED	\$10,745,505	\$15,309,955	\$19,276,007	\$23,993,459	\$19,461,036	\$19,088,271	\$16,861,835	\$18,592,242	\$17,087,197	\$14,061,897	\$14,199,997	\$14,049,102	\$202,726,504
INTERRUPTIBLE & A/C CREDIT	\$5,100	\$939	\$623	\$662	\$643	\$588	\$636	\$643	\$663	\$3,691	\$5,546	\$7,041	\$26,775
SENDOUT VOLUME IN MCF	1,962	340	211	218	218	197	218	211	223	1,293	1,923	2,434	9,447
DKT CONVERSION FACTOR	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	1.050	
PRICE \$/DKT	\$2.4753	\$2.6285	\$2.8150	\$2.8948	\$2.8088	\$2.8458	\$2.7773	\$2.9059	\$2.8341	\$2.7183	\$2.7469	\$2.7555	
GAS USED FOR UTILITY	\$27,277	\$37,194	\$68,687	\$123,720	\$149,119	\$163,406	\$142,727	\$80,908	\$41,842	\$27,498	\$18,228	\$26,055	\$906,660
NATURAL GAS TO STORAGE	(\$3,443,089)	(\$3,509,532)	\$0	\$0	\$0	\$0	\$0	(\$3,504,699)	(\$7,522,775)	(\$7,034,154)	(\$7,111,999)	(\$6,954,049)	(\$39,080,296)
FROM STORAGE PGW	\$0	\$0	\$532,715	\$4,974,981	\$11,768,997	\$8,667,691	\$6,943,912	\$249,314	\$0	\$0	\$0	\$0	\$33,137,610
FT FROM STORAGE	\$0	\$0	\$35,094	\$254,888	\$395,462	\$314,584	\$98,038	\$1,895	\$0	\$0	\$0	\$0	\$1,099,962
NET NATURAL GAS STORAGE	(\$3,443,089)	(\$3,509,532)	\$532,715	\$4,974,981	\$11,768,997	\$8,667,691	\$6,943,912	(\$3,255,385)	(\$7,522,775)	(\$7,034,154)	(\$7,111,999)	(\$6,954,049)	(\$5,942,687)
LNG TO STORAGE	(\$26,365)	(\$585,704)	(\$1,153,394)	(\$1,172,987)	(\$472,913)	(\$351,475)	(\$1,110,039)	(\$978,625)	(\$309,074)	(\$14,703)	\$0	\$0	(\$6,175,280)
FROM LNG PGW	\$307,774	\$318,927	\$307,654	\$353,749	\$788,733	\$713,019	\$352,160	\$333,907	\$348,017	\$337,510	\$348,784	\$348,784	\$4,859,019
FT FROM LNG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
NET LNG STORAGE	\$281,410	(\$266,777)	(\$845,740)	(\$819,238)	\$315,820	\$361,544	(\$757,879)	(\$644,718)	\$38,943	\$322,807	\$348,784	\$348,784	(\$1,316,261)
LNG SALES FROM LNG TANK	\$123,253	\$127,417	\$124,650	\$132,308	\$136,367	\$124,554	\$139,128	\$137,343	\$143,589	\$139,382	\$144,047	\$144,047	\$1,616,085
SENDOUT VOLUMES (MCF)	45,205	46,712	45,205	46,712	46,712	42,192	46,712	45,205	46,712	45,205	46,712	46,712	550,000
@ AVG LNG COMMODITY RATE	\$2.7265	\$2.7277	\$2.7574	\$2.8324	\$2.9193	\$2.9521	\$2.9784	\$3.0382	\$3.0739	\$3.0833	\$3.0837	\$3.0837	
NET NATURAL GAS EXPENSE	\$7,428,197	\$11,368,096	\$18,769,022	\$27,892,511	\$31,259,723	\$27,828,957	\$22,765,378	\$14,473,245	\$9,417,271	\$7,179,980	\$7,268,961	\$7,266,695	\$192,918,036
APPLICABLE GCR EXPENSE													
NET NATURAL GAS EXPENSE	\$7,428,197	\$11,368,096	\$18,769,022	\$27,892,511	\$31,259,723	\$27,828,957	\$22,765,378	\$14,473,245	\$9,417,271	\$7,179,980	\$7,268,961	\$7,266,695	\$192,918,036
PURCHASED ELECTRIC & MISC	\$20,266	\$49,261	\$50,657	\$76,359	\$103,785	\$99,004	\$84,055	\$55,487	\$42,755	\$26,931	\$42,123	\$34,939	\$685,621
PLANALYTICS	\$0	\$0	\$0	\$0	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$125,000
TOTAL APPLICABLE EXPENSES	\$7,448,462	\$11,417,357	\$18,819,678	\$27,968,870	\$31,488,508	\$27,927,961	\$22,849,433	\$14,528,732	\$9,460,026	\$7,206,912	\$7,311,083	\$7,301,633	\$193,728,657
TOTAL GCR FIRM SALES	880,448	1,401,094	3,286,558	5,778,538	9,387,959	8,305,367	6,438,436	4,424,306	2,084,799	1,124,745	1,017,192	899,859	45,029,301

**ACTUAL / ESTIMATED DATA - FISCAL YEAR 2016
PHILADELPHIA GAS WORKS**

Rate	7/1/2015	Split Month 9/1/2015	10/1/2015	Split Month 12/1/2015	1/1/2016	Split Month 3/1/2016	4/1/2016	Split Month 6/1/2016	7/1/2016
	SSC in Effect	\$ 4.2385	\$ 4.2506	\$ 4.2626	\$ 4.0715	\$ 3.8804	\$ 3.8145	\$ 3.7485	\$ 3.7518
GAC in Effect	\$ (0.0657)	\$ (0.1276)	\$ (0.1894)	\$ (0.1878)	\$ (0.1861)	\$ (0.2189)	\$ (0.2516)	\$ (0.3935)	\$ (0.5353)
IRC in Effect	\$ (0.0007)	\$ (0.0008)	\$ (0.0008)	\$ (0.0009)	\$ (0.0009)	\$ (0.0016)	\$ (0.0023)	\$ (0.0021)	\$ (0.0019)
Total Effective	\$ 4.1721	\$ 4.1223	\$ 4.0724	\$ 3.8829	\$ 3.6934	\$ 3.5940	\$ 3.4946	\$ 3.3563	\$ 3.2179
Percentage of Total									
C-Factor	101.6%	103.1%	104.7%	104.9%	105.1%	106.1%	107.3%	111.8%	116.7%
E-Factor	-1.6%	-3.1%	-4.7%	-4.8%	-5.0%	-6.1%	-7.2%	-11.7%	-16.6%
IRC-Factor	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

C-Factor									
Demand Charge in Effect	\$ 0.8504	\$ 1.0545	\$ 1.2586	\$ 1.3244	\$ 1.3901	\$ 1.2422	\$ 1.0942	\$ 1.1133	\$ 1.1324
Commodity in Effect	\$ 3.3881	\$ 3.1961	\$ 3.0040	\$ 2.7472	\$ 2.4903	\$ 2.5723	\$ 2.6543	\$ 2.6385	\$ 2.6227
	\$ 4.2385	\$ 4.2506	\$ 4.2626	\$ 4.0715	\$ 3.8804	\$ 3.8145	\$ 3.7485	\$ 3.7518	\$ 3.7551
Percentage of Total									
Demand Charge in Effect	20.1%	24.8%	29.5%	32.5%	35.8%	32.6%	29.2%	29.7%	30.2%
Commodity in Effect	79.9%	75.2%	70.5%	67.5%	64.2%	67.4%	70.8%	70.3%	69.8%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

	C-Factor Over/(Under)	E-Factor Over/(Under)	Interest Over/(Under)	FY 2015 Final E-Factor
Fiscal Year 2015 E-Factor	\$ 8,413,382	\$ (62,649)	\$ 226,479	\$ 8,577,213

Actual	Fiscal Year 2015-2016												FY-2016 Totals
	Sep-2015 Actual	Oct-2015 Actual	Nov-2015 Actual	Dec-2015 Actual	Jan-2016 Actual	Feb-2016 Actual	Mar-2016 Actual	Apr-2016 Actual	May-2016 Actual	Jun-2016 Actual	Jul-2016 Actual	Aug-2016 Estimated	
GCR Firm Sales	894,850	1,338,478	2,405,950	3,849,724	6,409,695	7,802,937	5,730,335	3,735,180	2,354,969	1,373,128	940,582	901,646	37,737,474
Migration Rider Sales	19,504	22,521	30,764	93,084	147,147	148,353	118,191	78,495	47,409	32,441	25,652	26,148	789,709
GCR Revenue Billed	\$ 3,730,053	\$ 5,461,240	\$ 9,792,985	\$ 14,993,284	\$ 24,255,062	\$ 28,266,729	\$ 20,633,034	\$ 13,050,528	\$ 8,232,518	\$ 4,666,423	\$ 3,073,877	\$ 2,901,407	\$ 139,057,139
Migration Rider Revenue Billed	\$ (2,811)	\$ (4,265)	\$ (5,819)	\$ (17,380)	\$ (27,386)	\$ (27,597)	\$ (27,378)	\$ (19,278)	\$ (11,785)	\$ (13,255)	\$ (13,640)	\$ (13,997)	\$ (184,591)
Load Balancing Billed	\$ 80,989	\$ 78,091	\$ 77,245	\$ 84,959	\$ 96,731	\$ 95,271	\$ 93,915	\$ 89,738	\$ 90,134	\$ 89,807	\$ 90,851	\$ 94,391	\$ 1,062,120
LNG Sales Demand Charge Credit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,561	\$ 4,902	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,463
Total Revenue Billed	\$ 3,808,230	\$ 5,535,066	\$ 9,864,410	\$ 15,060,863	\$ 24,324,407	\$ 28,341,963	\$ 20,704,472	\$ 13,120,988	\$ 8,310,867	\$ 4,742,975	\$ 3,151,087	\$ 2,981,801	\$ 139,947,131
Natural Gas Refunds	\$ -	\$ 6,382	\$ 2,005	\$ -	\$ 1,197	\$ 6,382	\$ -	\$ -	\$ -	\$ -	\$ 8,769	\$ -	\$ 24,736
Demand Charges	\$ 4,900,132	\$ 4,875,008	\$ 4,906,154	\$ 4,882,448	\$ 5,007,784	\$ 5,036,303	\$ 4,827,940	\$ 5,012,175	\$ 4,718,222	\$ 4,559,675	\$ 4,593,759	\$ 4,613,412	\$ 57,933,012
Supply Charges	\$ 2,456,112	\$ 5,858,510	\$ 7,834,145	\$ 10,376,701	\$ 21,533,607	\$ 16,724,261	\$ 9,067,567	\$ 4,581,500	\$ 4,822,961	\$ 1,328,020	\$ 1,621,825	\$ 1,772,140	\$ 87,977,349
Net Cost of Fuel	\$ 7,356,244	\$ 10,733,518	\$ 12,740,299	\$ 15,259,149	\$ 26,541,391	\$ 21,760,564	\$ 13,895,507	\$ 9,593,675	\$ 9,541,183	\$ 5,887,695	\$ 6,215,584	\$ 6,385,552	\$ 145,910,361

**FISCAL YEAR 2016
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 2015	7,356,244	3,730,053	103.1%	3,846,146	80,989	0	3,927,135	0	(3,429,109)	(3,429,109)
OCTOBER	10,733,518	5,461,240	104.7%	5,716,305	78,091	0	5,794,395	6,382	(4,932,740)	(8,361,849)
NOVEMBER	12,740,299	9,792,985	104.7%	10,250,362	77,245	0	10,327,608	2,005	(2,410,687)	(10,772,536)
DECEMBER	15,259,149	14,993,284	104.9%	15,721,537	84,959	0	15,806,495	0	547,346	(10,225,189)
JANUARY 2016	26,541,391	24,255,062	105.1%	25,483,116	96,731	0	25,579,847	1,197	(960,347)	(11,185,536)
FEBRUARY	21,760,564	28,266,729	105.1%	29,697,898	95,271	7,561	29,800,729	6,382	8,046,548	(3,138,989)
MARCH	13,895,507	20,633,034	106.1%	21,898,630	93,915	4,902	21,997,447	0	8,101,940	4,962,951
APRIL	9,593,675	13,050,528	107.3%	13,998,714	89,738	0	14,088,452	0	4,494,777	9,457,729
MAY	9,541,183	8,232,518	107.3%	8,830,651	90,134	0	8,920,785	0	(620,398)	8,837,330
JUNE	5,887,695	4,666,423	111.8%	5,216,383	89,807	0	5,306,190	0	(581,505)	8,255,825
JULY	6,215,584	3,073,877	116.7%	3,587,033	90,851	0	3,677,884	8,769	(2,528,931)	5,726,894
AUGUST	<u>6,385,552</u>	<u>2,901,407</u>	116.7%	<u>3,385,772</u>	<u>94,391</u>	<u>0</u>	<u>3,480,163</u>	<u>0</u>	<u>(2,905,389)</u>	2,821,506
Totals	145,910,361	139,057,139		147,632,547	1,062,120	12,463	148,707,130	24,736	2,821,506	

**FISCAL YEAR 2016
PHILADELPHIA GAS WORKS
E-FACTOR RECONCILIATION**

		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)
	GCR SALES 1	(MCF)	(MCF)	(\$)		(\$)	(\$)	(\$)	(\$)
PRIOR YEAR E-FACTOR									
									\$ 8,577,213
MONTH									
SEPTEMBER 2015	Actual	894,850	19,504	914,354	\$ 3,730,053	-3.1%	\$ (115,415)	\$ (2,811)	\$ 8,458,987
OCTOBER	Actual	1,338,478	22,521	1,360,999	\$ 5,461,240	-4.7%	\$ (253,992)	\$ (4,265)	\$ 8,200,730
NOVEMBER	Actual	2,405,950	30,764	2,436,714	\$ 9,792,985	-4.7%	\$ (455,454)	\$ (5,819)	\$ 7,739,457
DECEMBER	Actual	3,849,724	93,084	3,942,808	\$ 14,993,284	-4.8%	\$ (724,971)	\$ (17,380)	\$ 6,997,107
JANUARY 2016	Actual	6,409,695	147,147	6,556,842	\$ 24,255,062	-5.0%	\$ (1,222,144)	\$ (27,386)	\$ 5,747,577
FEBRUARY	Actual	7,802,937	148,353	7,951,290	\$ 28,266,729	-5.0%	\$ (1,424,281)	\$ (27,597)	\$ 4,295,698
MARCH	Actual	5,730,335	118,191	5,848,526	\$ 20,633,034	-6.1%	\$ (1,256,411)	\$ (27,378)	\$ 3,011,909
APRIL	Actual	3,735,180	78,495	3,813,675	\$ 13,050,528	-7.2%	\$ (939,596)	\$ (19,278)	\$ 2,053,035
MAY	Actual	2,354,969	47,409	2,402,378	\$ 8,232,518	-7.2%	\$ (592,715)	\$ (11,785)	\$ 1,448,536
JUNE	Actual	1,373,128	32,441	1,405,569	\$ 4,666,423	-11.7%	\$ (547,040)	\$ (13,255)	\$ 888,241
JULY	Actual	940,582	25,652	966,234	\$ 3,073,877	-16.6%	\$ (511,342)	\$ (13,640)	\$ 363,259
AUGUST	Estimated	901,646	26,148	927,795	\$ 2,901,407	-16.6%	\$ (482,651)	\$ (13,997)	\$ (133,389)
TOTAL		37,737,474	789,709	38,527,183	139,057,139		\$ (8,526,012)	\$ (184,591)	\$ (8,710,602)

**FISCAL YEAR 2016
PHILADELPHIA GAS WORKS
IRC FACTOR REVENUE BILLED**

<u>MONTH</u>	<u>TOTAL GCR REVENUE BILLED 1</u>	<u>IRC- FACTOR % of GCR 2</u>	<u>IRC-FACTOR REVENUE BILLED 3 = (1 * 2)</u>
	\$		\$
SEPTEMBER 2015	3,730,053	-0.02%	(679)
OCTOBER	5,461,240	-0.02%	(1,073)
NOVEMBER	9,792,985	-0.02%	(1,924)
DECEMBER	14,993,284	-0.02%	(3,282)
JANUARY 2016	24,255,062	-0.02%	(5,910)
FEBRUARY	28,266,729	-0.02%	(6,888)
MARCH	20,633,034	-0.04%	(9,186)
APRIL	13,050,528	-0.07%	(8,589)
MAY	8,232,518	-0.07%	(5,418)
JUNE	4,666,423	-0.06%	(2,920)
JULY	3,073,877	-0.06%	(1,815)
<u>AUGUST</u>	<u>2,901,407</u>	-0.06%	<u>(1,713)</u>
TOTALS	139,057,139		(49,397)

**FISCAL YEAR 2016
PHILADELPHIA GAS WORKS
RECONCILIATION OF DEMAND CHARGES**

MONTH	DEMAND CHARGES		MONTHLY DEMAND OVER/(UNDER) 3 = (2 - 1)	CUMULATIVE DEMAND OVER/(UNDER) 4
	LESS LOAD BALANCING CHARGE REVENUE 1	DEMAND REVENUE BILLED 2		
	\$	\$	\$	\$
SEPTEMBER 2015	4,819,143	943,619	(3,875,524)	(3,875,524)
OCTOBER	4,796,917	1,684,608	(3,112,309)	(6,987,833)
NOVEMBER	4,828,909	3,028,129	(1,800,780)	(8,788,613)
DECEMBER	4,797,489	5,098,382	300,893	(8,487,721)
JANUARY 2016	4,911,053	8,910,117	3,999,064	(4,488,657)
FEBRUARY	4,933,471	10,846,863	5,913,391	1,424,734
MARCH	4,729,123	7,117,936	2,388,812	3,813,547
APRIL	4,922,437	4,087,034	(835,403)	2,978,144
MAY	4,628,088	2,576,807	(2,051,281)	926,863
JUNE	4,469,868	1,528,703	(2,941,164)	(2,014,302)
JULY	4,502,908	1,065,115	(3,437,793)	(5,452,095)
<u>AUGUST</u>	<u>4,519,021</u>	<u>1,021,024</u>	<u>(3,497,996)</u>	<u>(8,950,092)</u>
TOTALS	56,858,429	47,908,337	(8,950,092)	

**CALENDAR YEAR 2015
PHILADELPHIA GAS WORKS
INTEREST RATE CALCULATION**

MONTH	NET COST	C FACTOR	OVER/	INTEREST
	OF FUEL	% of GCR	(UNDER)	RATE
	1	REVENUE	RECOVERY	4
	2	BILLED	3 = (2 - 1)	
	(\$)	(\$)	(\$)	(\$)
JANUARY 2015	44,475,311	46,898,006	2,422,695	
FEBRUARY	49,443,136	54,569,367	5,126,231	
MARCH	31,185,138	44,760,816	13,575,678	
APRIL	11,837,315	22,304,657	10,467,342	
MAY	8,878,270	8,871,471	(6,799)	
JUNE	6,006,339	5,082,417	(923,922)	
JULY	6,929,530	4,254,596	(2,674,934)	
AUGUST	6,719,769	4,027,065	(2,692,704)	
SEPTEMBER	7,356,244	3,927,135	(3,429,109)	
OCTOBER	10,733,518	5,794,395	(4,939,123)	
NOVEMBER	12,740,299	10,327,608	(2,412,692)	
DECEMBER	15,259,149	15,806,495	547,346	
Total	211,564,018	226,624,028	15,060,010	8%

**FISCAL YEAR 2016
PHILADELPHIA GAS WORKS
INTEREST CALCULATION**

MONTH	NET COST	TOTAL	OVER/	INTEREST	TIME	INTEREST	INTEREST	TOTAL
	OF FUEL ⁽¹⁾	C FACTOR REVENUE BILLED ⁽¹⁾	(UNDER) RECOVERY 3 = (2 - 1)	RATE ⁽²⁾	FACTOR	EXPENSE 6 = (3*4*5)	NATURAL GAS REFUNDS ⁽³⁾	INTEREST 8 = (6+7)
	1	2	3 = (2 - 1)	4	5	6 = (3*4*5)	7	8 = (6+7)
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 15	7,356,244	3,927,135	(3,429,109)	8%	18/12	(411,493)	-	(411,493)
OCTOBER	10,733,518	5,794,395	(4,939,123)	8%	17/12	(559,767)	543	(559,224)
NOVEMBER	12,740,299	10,327,608	(2,412,692)	8%	16/12	(257,354)	160	(257,194)
DECEMBER	15,259,149	15,806,495	547,346	8%	15/12	54,735	-	54,735
JANUARY 16	26,541,391	25,579,847	(961,544)	6%	14/12	(67,308)	84	(67,224)
FEBRUARY	21,760,564	29,800,729	8,040,165	6%	13/12	522,611	415	523,026
MARCH	13,895,507	21,997,447	8,101,940	6%	12/12	486,116	-	486,116
APRIL	9,593,675	14,088,452	4,494,777	6%	11/12	247,213	-	247,213
MAY	9,541,183	8,920,785	(620,398)	6%	10/12	(31,020)	-	(31,020)
JUNE	5,887,695	5,306,190	(581,505)	6%	9/12	(26,168)	-	(26,168)
JULY	6,215,584	3,677,884	(2,537,700)	6%	8/12	(101,508)	351	(101,157)
AUGUST	6,385,552	3,480,163	(2,905,389)	6%	7/12	(101,689)	-	(101,689)
Total	145,910,361	148,707,130	2,796,770			(245,632)	1,553	(244,079)
INTEREST FROM 5(b1)								549,960
TOTAL INTEREST								305,881

(1) See Schedule 4(b)
(2) See Schedule 5(a)
(3) See Schedule 5(c)

**CALENDAR YEAR 2015
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 4	FACTOR 5	EXPENSE 6 = (3*4*5)	NATURAL GAS REFUNDS 7	INTEREST 8 = (6+7)
	1	2	3 = (2 - 1)	4	5	6 = (3*4*5)	7	8 = (6+7)
	(\$)		(\$)	(\$)		(\$)	(\$)	
JANUARY 2015	44,475,311	46,898,006	2,422,695	2%	14/12	56,530	-	56,530
FEBRUARY	49,443,136	54,569,367	5,126,231	2%	13/12	111,068	-	111,068
MARCH	31,185,138	44,760,816	13,575,678	2%	12/12	271,514	-	271,514
APRIL	11,837,315	22,304,657	10,467,342	2%	11/12	191,901	-	191,901
MAY	8,878,270	8,871,471	(6,799)	2%	10/12	(113)	-	(113)
JUNE	6,006,339	5,082,417	(923,922)	2%	9/12	(13,859)	-	(13,859)
JULY	6,929,530	4,254,596	(2,674,934)	2%	8/12	(35,666)	-	(35,666)
AUGUST	6,719,769	4,027,065	(2,692,704)	2%	7/12	(31,415)	-	(31,415)
	165,474,808	190,768,395	25,293,587			549,960	0	549,960

(1) See Schedule 5(a)

**FISCAL YEAR 2016
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 15	0	6%	18/12	0
OCTOBER	6,382	6%	17/12	543
NOVEMBER	2,005	6%	16/12	160
DECEMBER	0	6%	15/12	0
JANUARY 16	1,197	6%	14/12	84
FEBRUARY	6,382	6%	13/12	415
MARCH	0	6%	12/12	0
APRIL	0	6%	11/12	0
MAY	0	6%	10/12	0
JUNE	0	6%	9/12	0
JULY	8,769	6%	8/12	351
AUGUST	0	6%	7/12	0
TOTAL	24,736			1,553

(1) See Schedule 4(b)

**FISCAL YEAR 2016
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)							
	1	2	3=(1-2)	4	5	6=(2*4*5)	7=(3*4*5)	8=(6+7)	9	10=(8+9)
	(\$)	(\$)	(\$)			(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 15	(3,429,109)	(3,875,524)	446,415	8%	18/12	(465,063)	53,570	(411,493)	0	(411,493)
OCTOBER	(4,939,123)	(3,112,309)	(1,826,814)	8%	17/12	(352,728)	(207,039)	(559,767)	543	(559,224)
NOVEMBER	(2,412,692)	(1,800,780)	(611,911)	8%	16/12	(192,083)	(65,271)	(257,354)	160	(257,194)
DECEMBER	547,346	300,893	246,454	8%	15/12	30,089	24,645	54,735	0	54,735
JANUARY 16	(961,544)	3,999,064	(4,960,608)	6%	14/12	279,934	(347,243)	(67,308)	84	(67,224)
FEBRUARY	8,040,165	5,913,391	2,126,774	6%	13/12	384,370	138,240	522,611	415	523,026
MARCH	8,101,940	2,388,812	5,713,128	6%	12/12	143,329	342,788	486,116	0	486,116
APRIL	4,494,777	(835,403)	5,330,180	6%	11/12	(45,947)	293,160	247,213	0	247,213
MAY	(620,398)	(2,051,281)	1,430,883	6%	10/12	(102,564)	71,544	(31,020)	0	(31,020)
JUNE	(581,505)	(2,941,164)	2,359,659	6%	9/12	(132,352)	106,185	(26,168)	0	(26,168)
JULY	(2,537,700)	(3,437,793)	900,093	6%	8/12	(137,512)	36,004	(101,508)	351	(101,157)
AUGUST	(2,905,389)	(3,497,996)	592,608	6%	7/12	(122,430)	20,741	(101,689)	0	(101,689)
TOTAL FY 2016	2,796,770	(8,950,092)	11,746,861			(712,957)	467,325	(245,632)	1,553	(244,079)
JANUARY 2015	2,422,695	7,067,708	(4,645,012)	2%	14/12	164,913	(108,384)	56,530	0	56,530
FEBRUARY	5,126,231	8,723,666	(3,597,435)	2%	13/12	189,013	(77,944)	111,068	0	111,068
MARCH	13,575,678	5,958,512	7,617,165	2%	12/12	119,170	152,343	271,514	0	271,514
APRIL	10,467,342	144,954	10,322,388	2%	11/12	2,658	189,244	191,901	0	191,901
MAY	(6,799)	(3,220,471)	3,213,672	2%	10/12	(53,675)	53,561	(113)	0	(113)
JUNE	(923,922)	(3,764,138)	2,840,216	2%	9/12	(56,462)	42,603	(13,859)	0	(13,859)
JULY	(2,674,934)	(3,771,887)	1,096,953	2%	8/12	(50,292)	14,626	(35,666)	0	(35,666)
AUGUST	(2,692,704)	(4,142,333)	1,449,629	2%	7/12	(48,327)	16,912	(31,415)	0	(31,415)
	25,293,587	6,996,011	18,297,576			266,998	282,962	549,960	0	549,960
Grand Total	28,090,356	(1,954,081)	30,044,437			(445,959)	750,287	304,328	1,553	305,881

(1) See Schedule 5(b)

(2) See Schedule 4(e)

(3) See Schedule 5(c)

**PHILADELPHIA GAS WORKS
LOAD BALANCING CHARGE
SEPTEMBER 1, 2016**

Storage and Peaking Asset Cost	\$	14,182,616
<hr/>		
Design Day Requirements (Mcf)		652,781
Fulfilled from FT Capacity (Mcf)		<u>292,757</u>
Fulfilled from Storage and Peaking Assets (Excess Mcf)		360,024
<hr/>		
Annual Storage and Peaking Cost per Excess Mcf	\$	39.3935
Per Mcf Over / (Under) Adjustment	\$	<u>(0.0984)</u>
Load Balancing Charge	\$	39.4919

Over / (Under) Recovery	\$	(32,066)
Interest	\$	<u>(3,045)</u>
Total Over/(Under) Recovery	\$	(35,111)
Forecasted SSPC Volumes		356,853
Per Mcf Over / (Under) Adjustment	\$	(0.0984)

CALCULATION OF RECOVERED CHARGES
4TH QTR FILING
September 1, 2016

	<u>50% September</u>	<u>11.5 Months</u>	<u>Total</u>
			(MCF) (\$)
S - Firm Sales (Mcf)	440,224	44,589,076	45,029,301
C-Factor	<u>\$ 3.7551</u>	<u>\$ 4.2662</u>	
Projected Recovery	1,653,086	190,225,918	\$ 191,879,004
S - Firm Sales (Mcf)	440,224	44,589,076	45,029,301
IRC-Factor	<u>\$ (0.0019)</u>	<u>\$ (0.0017)</u>	
Projected Recovery	(836)	(75,801)	\$ (76,638)
E-Factor Volumes (Mcf)	440,224	44,589,076	45,029,301
E-Factor	<u>\$ (0.5353)</u>	<u>\$ (0.0619)</u>	
Projected Recovery	(235,652)	(2,760,064)	\$ (2,995,716)
GCR (\$ / Mcf)	\$ 3.2179	\$ 4.2026	
GCR Projected Recovery			\$ 188,806,650
Load Balancing Revenue			\$ 1,174,400
LNG Sales Demand Revenue			<u>\$ 675,180</u>
TOTAL PROJECTED RECOVERY			\$ 190,656,230

Change In Rates
4th Quarter Filing
Rates Effective September 1, 2016

Current Rates

	06/01/16 <u>Distribution Charge</u> (1)	06/01/16 <u>GCR</u> (2)	06/01/16 <u>MFC</u> (3)	06/01/16 <u>GPC</u> (4)	06/01/16 Commodity <u>Rate</u> (5)=(1)+(2)+(3)+(4)
Residential GS	\$7.8298	\$3.2179	\$0.1506	\$0.0400	\$11.2383
Commercial GS	\$6.4572	\$3.2179	\$0.0090	\$0.0400	\$9.7241
Industrial GS	\$6.4680	\$3.2179	\$0.0097	\$0.0400	\$9.7356
Phila.Housing Authority (PHA)	\$5.9689	\$3.2179	\$0.0000	\$0.0400	\$9.2268
Municipal (MS)	\$5.1773	\$3.2179	\$0.0000	\$0.0400	\$8.4352
Phila.Housing Authority (GS)	\$6.7672	\$3.2179	\$0.0000	\$0.0400	\$10.0251

September 1, 2016 - Distribution Charge

	<u>Delivery Charge</u> (6)	<u>Surcharges</u>				<u>Total Surcharges</u> (11)=(7)+(8)+(9)+(10)	<u>Distribution Charge / Mcf</u> (12)=(11)+(6)
		<u>Other Post Employment Benefit</u> (7)	<u>Efficiency Cost Recovery</u> (8)	<u>Universal Service & Ener. Cons.</u> (9)	<u>Restructuring & Consumer Education</u> (10)		
Residential GS	\$6.0067	\$0.3724	\$0.0195	\$1.5160	\$0.0100	\$1.9179	\$7.9246
Commercial GS	\$4.5984	\$0.3724	\$0.0510	\$1.5160	\$0.0100	\$1.9494	\$6.5478
Industrial GS	\$4.5332	\$0.3724	\$0.1212	\$1.5160	\$0.0100	\$2.0196	\$6.5528
Phila.Housing Authority (PHA)	\$4.1101	\$0.3724	\$0.0510	\$1.5160	\$0.0100	\$1.9494	\$6.0595
Municipal (MS)	\$3.3661	\$0.3724	\$0.0000	\$1.5160	\$0.0100	\$1.8984	\$5.2645
Phila.Housing Authority (GS)	\$4.9441	\$0.3724	\$0.0195	\$1.5160	\$0.0100	\$1.9179	\$6.8620

Proposed Rates

	09/01/16 <u>Distribution Charge</u> (12)	09/01/16 <u>GCR</u> (13)	09/01/16 <u>MFC</u> (14)	09/01/16 <u>GPC</u> (15)	09/01/16 Commodity <u>Rate</u> (16)=(12)+(13)+(14)+(15)	<u>Difference</u> (17)=(16)-(5)
Residential GS	\$7.9246	\$4.2026	\$0.1967	\$0.0400	\$12.3639	\$1.1256
Commercial GS	\$6.5478	\$4.2026	\$0.0118	\$0.0400	\$10.8022	\$1.0781
Industrial GS	\$6.5528	\$4.2026	\$0.0126	\$0.0400	\$10.8080	\$1.0724
Phila.Housing Authority (PHA)	\$6.0595	\$4.2026	\$0.0000	\$0.0400	\$10.3021	\$1.0753
Municipal (MS)	\$5.2645	\$4.2026	\$0.0000	\$0.0400	\$9.5071	\$1.0719
Phila.Housing Authority (GS)	\$6.8620	\$4.2026	\$0.0000	\$0.0400	\$11.1046	\$1.0795

PHILADELPHIA GAS WORKS
September 1, 2016 - 4TH QTR FILING
UNIVERSAL SERVICE & ENERGY CONSERVATION SURCHARGE

	<u>Expenses in the Surcharge</u>
Enhanced Low Income Retrofit Program (ELIRP)	\$ 6,444,641
Customer Responsibility Program (CRP)	\$ 52,663,801
Senior Citizen Discount *	\$ 3,380,183
<u>August 2016 Under Collection</u>	<u>\$ 12,912,512</u>
Total \$ to be Recovered	\$ 75,401,137
 Total Applicable Volumes	 Mcf 49,738,521
 Universal Service & Energy Conservation Surcharge	 <u><u>\$ 1.5160</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 \$3,808,079.

**STATEMENT OF RECONCILIATION
UNIVERSAL SERVICES & ENERGY CONSERVATION SURCHARGE
SEPTEMBER 2015 THROUGH AUGUST 2016**

Month		USC Applicable Volumes	USC Charge	USC Revenue Billed	USC Expenses	Monthly Over/(Under) Recovery	Cumulative Over/(Under) Recovery
FY 15 Reconciliation							
September 2015	Actual	1,035,315	\$ 1,4187	\$ 1,468,750	\$ (1,940,513)	\$ 3,409,263	\$ (5,886,644)
October	Actual	1,530,956	\$ 1,3471	\$ 2,062,351	\$ (179,146)	\$ 2,241,497	\$ (3,645,147)
November	Actual	2,667,452	\$ 1,3471	\$ 3,593,325	\$ 3,725,297	\$ (131,973)	\$ (3,777,119)
December	Actual	4,261,276	\$ 1,2070	\$ 5,143,360	\$ 7,360,541	\$ (2,217,181)	\$ (5,994,301)
January 2016	Actual	7,019,199	\$ 1,0669	\$ 7,488,784	\$ 12,271,685	\$ (4,782,901)	\$ (10,777,202)
February	Actual	8,466,423	\$ 1,0669	\$ 9,032,826	\$ 12,852,293	\$ (3,819,467)	\$ (14,596,669)
March	Actual	6,231,280	\$ 1,2174	\$ 7,585,960	\$ 10,501,395	\$ (2,915,434)	\$ (17,512,103)
April	Actual	4,094,452	\$ 1,3679	\$ 5,600,801	\$ 7,089,999	\$ (1,489,197)	\$ (19,001,301)
May	Actual	2,599,218	\$ 1,3679	\$ 3,555,470	\$ 2,824,027	\$ 731,442	\$ (18,269,858)
June	Actual	1,554,784	\$ 1,4364	\$ 2,233,214	\$ 512,417	\$ 1,720,797	\$ (16,549,061)
July	Actual	1,090,333	\$ 1,5048	\$ 1,640,734	\$ (416,323)	\$ 2,057,057	\$ (14,492,005)
August	Estimated	1,054,480	\$ 1,5048	\$ 1,586,782	\$ 7,289	\$ 1,579,492	\$ (12,912,512)

USC Expenses	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Total
ELIRP Expense	\$ 2,532	\$ 553,720	\$ 622,738	\$ 602,084	\$ 627,513	\$ 614,085	\$ 577,807	\$ 773,096	\$ 616,300	\$ 639,508	\$ 735,507	\$ 1,619,670	\$ 7,984,560
ELIRP Labor	\$ 10,623	\$ 12,196	\$ 8,913	\$ 8,759	\$ 11,284	\$ 9,149	\$ 9,212	\$ 12,251	\$ 9,325	\$ 10,614	\$ 14,025	\$ (32,346)	\$ 84,005
CRP Discount	\$ (2,580,366)	\$ (1,452,007)	\$ 2,250,502	\$ 5,686,259	\$ 10,196,817	\$ 10,828,112	\$ 8,489,760	\$ 4,982,892	\$ 1,114,289	\$ (1,096,436)	\$ (2,026,795)	\$ (2,450,484)	\$ 33,942,541
CRP Forgiveness	\$ 533,280	\$ 561,291	\$ 542,000	\$ 616,950	\$ 781,302	\$ 718,458	\$ 867,149	\$ 934,553	\$ 855,603	\$ 825,567	\$ 768,032	\$ 781,426	\$ 8,785,612
Senior Citizen Discount	\$ 93,418	\$ 145,654	\$ 301,144	\$ 446,490	\$ 654,769	\$ 682,489	\$ 557,467	\$ 387,207	\$ 228,510	\$ 133,164	\$ 92,908	\$ 89,023	\$ 3,812,243
Bad Debt Expense Offset*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ (1,940,513)	\$ (179,146)	\$ 3,725,297	\$ 7,360,541	\$ 12,271,685	\$ 12,852,293	\$ 10,501,395	\$ 7,089,999	\$ 2,824,027	\$ 512,417	\$ (416,323)	\$ 7,289	\$ 54,608,960

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
Actual Participation Rate*	58,958	58,609	58,462	58,282	57,112	56,006	55,435	56,823	55,569	51,691	50,914	
CRP Under(Over) Participation	25,042	25,391	25,538	25,718	26,888	27,994	28,565	27,177	28,431	32,309	33,086	
Average Shortfall Per CRP Participant												
CRP Discount	\$ (2,580,366)	\$ (1,452,007)	\$ 2,250,502	\$ 5,686,259	\$ 10,196,817	\$ 10,828,112	\$ 8,489,760	\$ 4,982,892	\$ 1,114,289	\$ (1,096,436)	\$ (2,026,795)	
Actual Participation Rate	58,958	58,609	58,462	58,282	57,112	56,006	55,435	56,823	55,569	51,691	50,914	
Average Shortfall per CRP Participant	\$ (44)	\$ (25)	\$ 38	\$ 98	\$ 179	\$ 193	\$ 153	\$ 88	\$ 20	\$ (21)	\$ (40)	
Shortfall*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bad Debt Expense Offset* 7.1%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

INTERRUPTIBLE REVENUE CREDIT
September 1, 2016

Fiscal Year 2015 Reconciliation (8/31/15) \$ 33,111 Schedule 10(c)

<u>MONTH</u>	<u>IRC</u> <u>CREDIT</u>	<u>MARGIN</u>	
September-15	Actual \$ (679)	\$ 417	
October	Actual \$ (1,073)	\$ 11,721	
November	Actual \$ (1,924)	\$ 60,473	
December	Actual \$ (3,282)	\$ 3,992	
January-16	Actual \$ (5,910)	\$ 4,351	
February	Actual \$ (6,888)	\$ 714	
March	Actual \$ (9,186)	\$ 774	
April	Actual \$ (8,589)	\$ 6,656	
May	Actual \$ (5,418)	\$ (419)	
June	Actual \$ (2,920)	\$ 1,736	
July	Actual \$ (1,815)	\$ (72)	
August	Estimated \$ (1,713)	\$ 158	
Act/Est IRC Credit September 2015 to August 2016	\$ (49,397)		
Act/Est Margin September 2015 to August 2016		\$ 90,501	\$ 90,501
FY 2015 Reconciliation Plus Act/Est Margin September 2015 to August 2016		\$ 123,613	
<hr/>			
FY 2015 Reconciliation Plus Act/Est Margin September 2015 to August 2016		\$ 123,613	
Act/Est IRC Credit September 2015 to August 2016		\$ (49,397)	
Reconciliation as of August 31, 2016		\$ 74,216	
Margin - September 2016 through August 2017		\$ 1,864	Schedule 10(b)
August 31, 2016 Interruptible Revenue Credit		\$ 76,079	
<hr/>			
GCR Firm Sales		45,029,301	Schedule 2
<hr/>			
September 1, 2016 IRC/Mcf		\$ 0.0017	

INTERRUPTIBLE REVENUE MARGIN
4th Q FILING

<u>MONTH</u>		<u>MARGIN</u>
September-16	Estimated \$	153
October	Estimated \$	158
November	Estimated \$	153
December	Estimated \$	158
January-17	Estimated \$	158
February	Estimated \$	143
March	Estimated \$	158
April	Estimated \$	153
May	Estimated \$	158
June	Estimated \$	153
July	Estimated \$	158
August	Estimated \$	158
Total	\$	1,864

INTERRUPTIBLE REVENUE CREDIT
FY 2015

Fiscal Year 2014 Reconciliation (8/31/14) \$ (249,894)

<u>MONTH</u>	<u>IRC</u> <u>CREDIT</u>	<u>MARGIN</u>	
September-14	Actual \$ 4,839	\$ 13,329	
October	Actual \$ 6,274	\$ 18,824	
November	Actual \$ 15,342	\$ 28,089	
December	Actual \$ 26,590	\$ 14,728	
January-15	Actual \$ 26,324	\$ 22,004	
February	Actual \$ 30,673	\$ 32,710	
March	Actual \$ 18,641	\$ -	
April	Actual \$ 5,053	\$ 13,779	
May	Actual \$ 1,999	\$ 3,431	
June	Actual \$ 174	\$ 124	
July	Actual \$ (689)	\$ 708	
August	Actual \$ (651)	\$ 710	
Actual IRC Credit September 2014 to August 2015	<u>\$ 134,569</u>		
Actual Margin September 2014 to August 2015		<u>\$ 148,437</u>	<u>\$ 148,437</u>
FY 2014 Reconciliation Plus Actual Margin September 2014 to August 2015			<u>\$ (101,458)</u>

FY 2014 Reconciliation Plus Actual Margin September 2014 to August 2015	<u>\$ (101,458)</u>
Actual IRC Credit September 2014 to August 2015	<u>\$ 134,569</u>
Reconciliation as of August 31, 2015	<u>\$ 33,111</u>

**OTHER POST EMPLOYMENT BENEFIT (OPEB) SURCHARGE
FISCAL YEAR 2017**

FY 2015 Over/(Under) Recovery			<u>\$805,783</u>	
<u>Month</u>		<u>OPEB Volumes</u>	<u>OPEB Surcharge</u>	<u>Revenue Billed</u>
September 2015	Actual	1,039,409	\$0.3041	\$316,032
October	Actual	1,539,123	\$0.3003	\$462,199
November	Actual	2,684,958	\$0.3003	\$806,293
December	Actual	4,288,966	\$0.3003	\$1,287,976
January 2016	Actual	7,063,874	\$0.3003	\$2,121,281
February	Actual	8,518,873	\$0.3003	\$2,558,218
March	Actual	6,269,646	\$0.3003	\$1,882,775
April	Actual	4,119,971	\$0.3003	\$1,237,227
May	Actual	2,615,289	\$0.3003	\$785,371
June	Actual	1,562,420	\$0.3003	\$469,195
July	Actual	1,094,573	\$0.3003	\$328,700
<u>August</u>	Estimated	<u>1,058,606</u>	\$0.3003	<u>\$317,900</u>
Total		41,855,708		\$12,573,167
FY 2016 Act/Est OPEB & FY 2015 Reconciliation				\$13,378,950
FY 2016 Permitted Recovery				<u>\$16,000,000</u>
Over/(Under) Recovery				(\$2,621,050)
FY 2016 Under Recovery				\$2,621,050
FY 2017 Permitted Recovery				<u>\$16,000,000</u>
FY 2017 Recovery				\$18,621,050
FY 2017 Volumes				50,004,813
FY 2017 OPEB Surcharge / Mcf				\$0.3724

EFFICIENCY COST RECOVERY (ECR) SURCHARGE

September 1, 2016

<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	\$797,048	\$92,457	\$775	\$890,280
Labor Expense	\$21,920	\$2,543	\$21	\$24,484
Commercial & Industrial Retrofit Incentive (CIRI)				
Program Expense	\$123,443	\$222,821	\$0	\$346,264
Labor Expense	\$4,782	\$8,632	\$0	\$13,414
Commercial & Industrial Equipment Rebate (CIER)				
Program Expense	\$8,827	\$295,111	\$69,175	\$373,112
Labor Expense	\$304	\$10,165	\$2,383	\$12,852
High-Efficiency Construction Incentive (HECI)				
Program Expense	\$97,355	\$118,612	\$0	\$215,967
Labor Expense	\$3,407	\$4,151	\$0	\$7,558
Comprehensive Residential Retrofit Incentive (CRRI)				
Program Expense	\$166,898	\$2,922	\$0	\$169,819
Labor Expense	<u>\$1,359</u>	<u>\$24</u>	<u>\$0</u>	<u>\$1,383</u>
Total Expense	\$1,225,343	\$757,437	\$72,354	\$2,055,134
Prior Period Reconciliation (8/31/16)	<u>\$ (506,919)</u>	<u>\$ (181,812)</u>	<u>\$ 32,077</u>	<u>\$ (656,654)</u>
Total	\$718,424	\$575,625	\$104,431	\$1,398,480
Volumes - Mcf (GCR Firm & Firm Transportation)	36,767,356	11,282,664	861,951	

Efficiency Cost Recovery Surcharge / Mcf	\$0.0195	\$0.0510	\$0.1212
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**EFFICIENCY COST RECOVERY (ECR) SURCHARGE
STATEMENT OF RECONCILIATION
4th Quarter Filing**

	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Actual Jul-16	Estimated Aug-16	Total FY 2016
RESIDENTIAL & PHA GS													
FY 2015 Over-Collection	\$ 1,566,406												
Volume Billed	646,466	991,567	1,879,532	3,150,135	5,284,536	6,475,144	4,775,075	3,099,648	1,931,355	1,077,228	705,589	670,884	30,687,159
ECR Surcharge	\$ 0.0045	\$ 0.0071	\$ 0.0071	\$ 0.0049	\$ 0.0027	\$ 0.0027	\$ 0.0029	\$ 0.0030	\$ 0.0030	\$ 0.0075	\$ 0.0119	\$ 0.0119	
Revenue Billed	\$ 2,909	\$ 7,040	\$ 13,345	\$ 15,436	\$ 14,268	\$ 17,483	\$ 13,609	\$ 9,299	\$ 5,794	\$ 8,025	\$ 8,397	\$ 7,984	\$ 123,588
RHER Expense	\$ 233	\$ 83,436	\$ 30,200	\$ 45,339	\$ 13,297	\$ 114,028	\$ 23,406	\$ 70,565	\$ 30,572	\$ 30,621	\$ 55,963	\$ 71,748	\$ 569,408
RHER Labor	\$ 976	\$ 1,121	\$ 850	\$ 805	\$ 1,037	\$ 958	\$ 847	\$ 1,126	\$ 1,006	\$ 975	\$ 1,289	\$ (3,270)	\$ 7,720
HECI Expense	\$ 27	\$ 2,894	\$ 7,426	\$ 3,268	\$ 527	\$ 27,496	\$ 3,786	\$ 45,221	\$ (31,683)	\$ 1,676	\$ 5,242	\$ 35,329	\$ 101,210
HECI Labor	\$ 115	\$ 131	\$ 422	\$ 94	\$ 122	\$ 980	\$ 99	\$ 132	\$ (1,297)	\$ 114	\$ 151	\$ (158)	\$ 906
CIRI Expense	\$ 219	\$ 373	\$ 172,355	\$ 36,556	\$ 29,111	\$ 29,702	\$ 27,497	\$ 33,532	\$ 6,723	\$ 51,584	\$ 38,715	\$ 51,772	\$ 478,137
CIRI Labor	\$ 919	\$ 1,056	\$ 785	\$ 758	\$ 977	\$ 968	\$ 797	\$ 1,060	\$ 460	\$ 919	\$ 1,214	\$ (2,642)	\$ 7,270
CIRI Expense	\$ 34	\$ 4,372	\$ 37	\$ 425	\$ 344	\$ 262	\$ 190	\$ 207	\$ 61	\$ 164	\$ 53	\$ 4,748	\$ 10,896
CIRI Labor	\$ 142	\$ 163	\$ 167	\$ 117	\$ 151	\$ 231	\$ 123	\$ 164	\$ (31)	\$ 142	\$ 188	\$ (433)	\$ 1,124
CIER Expense	\$ 2	\$ 390	\$ (19)	\$ 1,282	\$ 89	\$ (1,371)	\$ 544	\$ 762	\$ (1,313)	\$ 577	\$ 650	\$ 4,728	\$ 6,321
CIER Labor	\$ 10	\$ 12	\$ 12	\$ 9	\$ 11	\$ (15)	\$ 9	\$ 12	\$ (52)	\$ 10	\$ 14	\$ 49	\$ 82
Total	\$ 2,678	\$ 93,947	\$ 212,235	\$ 88,653	\$ 45,666	\$ 173,239	\$ 57,299	\$ 152,780	\$ 4,445	\$ 86,783	\$ 103,479	\$ 161,871	\$ 1,183,075
Monthly Over/(Under)	\$ 231	\$ (86,907)	\$ (198,891)	\$ (73,217)	\$ (31,397)	\$ (155,756)	\$ (43,690)	\$ (143,481)	\$ 1,349	\$ (78,758)	\$ (95,082)	\$ (153,888)	
Cumulative Over/(Under)	\$ 1,566,637	\$ 1,479,730	\$ 1,280,839	\$ 1,207,622	\$ 1,176,225	\$ 1,020,469	\$ 976,778	\$ 833,297	\$ 834,646	\$ 755,889	\$ 660,806	\$ 506,919	
COMMERCIAL & PHA													
FY 2015 Over-Collection	\$ 201,155												
Volume Billed	349,209	487,460	700,057	971,790	1,506,529	1,702,505	1,280,662	865,683	600,966	422,008	337,246	343,432	9,567,547
ECR Surcharge	\$ 0.0221	\$ 0.0243	\$ 0.0243	\$ 0.0345	\$ 0.0446	\$ 0.0446	\$ 0.0508	\$ 0.0570	\$ 0.0570	\$ 0.0523	\$ 0.0476	\$ 0.0476	
Revenue Billed	\$ 7,700	\$ 11,845	\$ 17,011	\$ 33,478	\$ 67,191	\$ 75,932	\$ 65,058	\$ 49,344	\$ 34,255	\$ 22,071	\$ 16,053	\$ 16,347	\$ 416,286
RHER Expense	\$ 27	\$ 9,679	\$ 2,943	\$ 5,259	\$ 1,542	\$ 9,374	\$ 2,715	\$ 8,186	\$ (7,322)	\$ 3,552	\$ 6,492	\$ 23,605	\$ 66,051
RHER Labor	\$ 113	\$ 130	\$ 71	\$ 93	\$ 120	\$ (5)	\$ 98	\$ 131	\$ (64)	\$ 113	\$ 150	\$ (55)	\$ 896
CIRI Expense	\$ 4	\$ 7	\$ 3,514	\$ 640	\$ 510	\$ 610	\$ 481	\$ 587	\$ 1,250	\$ 903	\$ 678	\$ (814)	\$ 8,370
CIRI Labor	\$ 16	\$ 18	\$ -	\$ 13	\$ 17	\$ (162)	\$ 14	\$ 19	\$ 361	\$ 16	\$ 21	\$ (207)	\$ 127
CIRI Expense	\$ 61	\$ 7,892	\$ 27	\$ 768	\$ 621	\$ 342	\$ 373	\$ 401	\$ 296	\$ 96	\$ 8,570	\$ 19,669	
CIRI Labor	\$ 257	\$ 295	\$ 168	\$ 212	\$ 273	\$ 113	\$ 223	\$ 296	\$ 381	\$ 256	\$ 339	\$ (781)	\$ 2,030
CIER Expense	\$ 83	\$ 13,026	\$ 4,312	\$ 42,854	\$ 2,983	\$ 18,150	\$ 18,200	\$ 25,465	\$ 31,200	\$ 19,290	\$ 21,747	\$ 14,012	\$ 211,323
CIER Labor	\$ 348	\$ 400	\$ 459	\$ 287	\$ 370	\$ 960	\$ 302	\$ 402	\$ 196	\$ 348	\$ 460	\$ (1,777)	\$ 2,753
HECI Expense	\$ 33	\$ 3,526	\$ 397	\$ 3,981	\$ 642	\$ (2,627)	\$ 4,613	\$ 55,095	\$ 37,430	\$ 2,042	\$ 6,386	\$ 11,790	\$ 123,308
HECI Labor	\$ 140	\$ 160	\$ (208)	\$ 115	\$ 148	\$ (762)	\$ 121	\$ 161	\$ 1,520	\$ 139	\$ 184	\$ (615)	\$ 1,103
Total	\$ 1,082	\$ 35,132	\$ 11,682	\$ 54,222	\$ 7,226	\$ 25,874	\$ 27,109	\$ 90,713	\$ 65,353	\$ 26,956	\$ 36,552	\$ 53,727	\$ 435,629
Monthly Over/(Under)	\$ 6,618	\$ (23,286)	\$ 5,329	\$ (20,744)	\$ 59,965	\$ 50,058	\$ 37,948	\$ (41,369)	\$ (31,098)	\$ (4,885)	\$ (20,499)	\$ (37,380)	
Cumulative Over/(Under)	\$ 207,773	\$ 184,487	\$ 189,816	\$ 169,071	\$ 229,036	\$ 279,094	\$ 317,042	\$ 275,673	\$ 244,575	\$ 239,690	\$ 219,191	\$ 181,812	
INDUSTRIAL													
FY 2015 Under-Collection	\$ (113,291)												
Volume Billed	28,538	36,712	48,035	70,044	117,704	135,137	88,355	57,354	42,617	41,716	35,900	28,805	730,917
ECR Surcharge	\$ (0.0102)	\$ (0.0091)	\$ (0.0091)	\$ 0.1086	\$ 0.2282	\$ 0.2262	\$ 0.2575	\$ 0.2888	\$ 0.2888	\$ 0.2062	\$ 0.1236	\$ 0.1236	
Revenue Billed	\$ (291)	\$ (334)	\$ (437)	\$ 7,603	\$ 26,625	\$ 30,568	\$ 22,751	\$ 16,564	\$ 12,308	\$ 8,602	\$ 4,437	\$ 3,560	\$ 131,956
RHER Expense	\$ 0	\$ 81	\$ (83)	\$ 44	\$ 13	\$ (66)	\$ 23	\$ 69	\$ (81)	\$ 30	\$ 54	\$ 470	\$ 554
RHER Labor	\$ 1	\$ 1	\$ (6)	\$ 1	\$ 1	\$ (14)	\$ 1	\$ 1	\$ 15	\$ 1	\$ 1	\$ 5	\$ 8
CIRI Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIRI Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIER Expense	\$ 19	\$ 3,053	\$ (211)	\$ 10,045	\$ 699	\$ (11,121)	\$ 4,266	\$ 5,969	\$ (9,856)	\$ 4,522	\$ 5,098	\$ 37,051	\$ 49,535
CIER Labor	\$ 82	\$ 94	\$ (102)	\$ 67	\$ 87	\$ (567)	\$ 71	\$ 94	\$ 243	\$ 82	\$ 108	\$ 388	\$ 645
Total	\$ 102	\$ 3,229	\$ (402)	\$ 10,157	\$ 800	\$ (11,768)	\$ 4,361	\$ 6,133	\$ (9,679)	\$ 4,634	\$ 5,261	\$ 37,914	\$ 50,741
Monthly Over/(Under)	\$ (393)	\$ (3,563)	\$ (35)	\$ (2,554)	\$ 25,825	\$ 42,336	\$ 18,391	\$ 10,431	\$ 21,987	\$ 3,968	\$ (824)	\$ (34,353)	
Cumulative Over/(Under)	\$ (113,685)	\$ (117,248)	\$ (117,283)	\$ (119,837)	\$ (94,012)	\$ (51,676)	\$ (33,285)	\$ (22,854)	\$ (867)	\$ 3,101	\$ 2,277	\$ (32,077)	

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

FY 14 & FY 15 Over/(Under) Recovery (\$116,080) Schedule 13(b)

<u>Month</u>		<u>R&CE Volumes</u>	<u>R&CE Surcharge</u>	<u>Revenue Billed</u>
September 2015	Actual	519,705	\$0.0061	\$3,170
October	Actual	1,539,123	\$0.0061	\$9,389
November	Actual	2,684,958	\$0.0061	\$16,378
December	Actual	4,288,966	\$0.0061	\$26,163
January 2016	Actual	7,063,874	\$0.0061	\$43,090
February	Actual	8,518,873	\$0.0061	\$51,965
March	Actual	6,269,646	\$0.0061	\$38,245
April	Actual	4,119,971	\$0.0061	\$25,132
May	Actual	2,615,289	\$0.0061	\$15,953
June	Actual	1,562,420	\$0.0061	\$9,531
July	Actual	1,094,573	\$0.0061	\$6,677
<u>August</u>	Estimated	<u>1,058,606</u>	\$0.0061	<u>\$6,457</u>
Total		41,336,004		\$252,150

FY 2016 Act/Est R&CE & FY 2014-15 Recovery \$136,069

FY 2016 R&CE Expense \$395,343 Schedule 13(b)

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

FY 2016 Under Recovery \$259,274

FY 2017 R&CE Expense \$239,024 Schedule 13(b)

FY 2017 Recovery Amount \$498,297

FY 2017 R&CE Volumes 50,004,813

FY 2017 R&CE Surcharge / Mcf \$0.0100

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

Fiscal Year Month	FY14 Actual	FY15 Actual	FY 2016											FY 2016 Total	FY17 Est	
			Sep-15 Actual	Oct-15 Actual	Nov-15 Actual	Dec-15 Actual	Jan-16 Actual	Feb-16 Actual	Mar-16 Actual	Apr-16 Actual	May-16 Actual	Jun-16 Actual	Jul-16 Actual			Aug-16 Est
Capital (90% POR Build)	\$ 19,122	\$ 96,959	\$ 30,923	\$ 38,030	\$ 20,361	\$ 14,019	\$ 59,834	\$ 50,579	\$ 37,024	\$ 3,299	\$ 1,519	\$ 1,212	\$ 877	\$ 111,959	\$ 369,638	\$ 239,024
Operating (50% mailers)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,205	\$ -	\$ -	\$ -	\$ -	\$ 12,500	\$ 25,705	\$ -
Totals	\$ 19,122	\$ 96,959	\$ 30,923	\$ 38,030	\$ 20,361	\$ 14,019	\$ 59,834	\$ 50,579	\$ 50,229	\$ 3,299	\$ 1,519	\$ 1,212	\$ 877	\$ 124,459	\$ 395,343	\$ 239,024

Natural Gas Prices Used for PGW's - FY 2015-2016 - 4th Quarter GCR Filing

Basis Differentials

Prices Used For Gas Cost Inputs

	TRANSCO					TETCO				NYMEX Futures 08/04/16 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
2016:8											2.60	2.61	2.64	2.64	1.93	2.58	2.59	2.59	1.26
2016:9	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	2.834	2.72	2.69	2.81	2.82	2.90	2.77	2.75	2.73	2.35
2016:10	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	2.877	2.77	2.74	2.86	2.87	2.95	2.82	2.80	2.78	2.40
2016:11	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	3.022	2.91	2.88	3.00	3.01	3.09	2.96	2.94	2.92	2.54
2016:12	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	3.267	3.16	3.13	3.25	3.26	3.34	3.21	3.19	3.17	2.79
2017:1	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	3.385	3.28	3.25	3.37	3.38	3.46	3.33	3.31	3.29	2.91
2017:2	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	3.372	3.26	3.23	3.35	3.36	3.44	3.31	3.29	3.27	2.89
2017:3	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	3.324	3.21	3.18	3.30	3.31	3.39	3.26	3.24	3.22	2.84
2017:4	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	3.068	2.96	2.93	3.05	3.06	3.14	3.01	2.99	2.97	2.59
2017:5	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	3.040	2.93	2.90	3.02	3.03	3.11	2.98	2.96	2.94	2.56
2017:6	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	3.072	2.96	2.93	3.05	3.06	3.14	3.01	2.99	2.97	2.59
2017:7	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	3.102	2.99	2.96	3.08	3.09	3.17	3.04	3.02	3.00	2.62
2017:8	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	3.111	3.00	2.97	3.09	3.10	3.18	3.05	3.03	3.01	2.63

Actual Natural Gas Billed

	<u>Apr-16</u>	<u>May-16</u>	<u>Jun-16</u>
Williams	\$ 2,564,355.55	\$ 2,585,191.56	\$ 2,445,549.95
Texas Eastern	\$ 2,130,913.85	\$ 2,008,507.14	\$ 2,000,850.56
Dominion	\$ 126,308.59	\$ 125,110.93	\$ 126,109.48
Equitrans	\$ -	\$ -	\$ -
Spot Purchases -Transco	\$ 16,688.85	\$ 14,576.72	\$ 14,174.02
Spot Purchases -Tetco	\$ -	\$ -	\$ -
Transco Supply2	\$ 299,002.48	\$ 681,822.70	\$ 679,271.24
Transco Supply3	\$ 182,250.00	\$ 200,725.00	\$ 218,250.00
Transco Supply6	\$ -	\$ -	\$ -
Transco Supply7	\$ -	\$ -	\$ -
Transco Supply8	\$ 98,250.00	\$ 267,310.32	\$ 4,500.00
Transco Supply10	\$ 280,500.00	\$ 298,375.00	\$ 282,750.00
Transco Supply12	\$ -	\$ -	\$ -
Transco Supply14	\$ 187,950.00	\$ 208,475.00	\$ 196,950.00
Transco Supply17	\$ -	\$ -	\$ -
Transco Supply20	\$ -	\$ -	\$ -
Transco Supply21	\$ -	\$ -	\$ -
Transco Supply22	\$ 209,975.00	\$ 119,175.00	\$ 4,500.00
Transco Supply23	\$ 279,000.00	\$ 299,150.00	\$ 286,500.00
Transco Supply24	\$ -	\$ -	\$ -
Transco Supply25	\$ -	\$ -	\$ -
Transco Supply26	\$ -	\$ -	\$ -
Transco Supply27	\$ -	\$ -	\$ -
Transco Supply28	\$ -	\$ -	\$ -
Transco Supply29	\$ 195,765.00	\$ 203,710.00	\$ 198,450.00
Transco Supply30	\$ -	\$ -	\$ -
Transco Supply31	\$ -	\$ -	\$ -
Transco Supply32	\$ 182,250.00	\$ 200,725.00	\$ 218,250.00
Tetco Supply1	\$ 172,500.00	\$ 172,800.00	\$ 201,000.00
Tetco Supply2	\$ -	\$ -	\$ -
Tetco Supply3	\$ -	\$ -	\$ -
Tetco Supply4	\$ -	\$ -	\$ -
Tetco Supply5	\$ -	\$ -	\$ -
Tetco Supply7	\$ -	\$ -	\$ -
Tetco Supply13	\$ -	\$ -	\$ -
Tetco Supply14	\$ -	\$ -	\$ -
Tetco Supply16	\$ 446,625.00	\$ 466,912.50	\$ 478,125.00
Tetco Supply17	\$ -	\$ -	\$ -
Tetco Supply18	\$ -	\$ -	\$ -
Tetco Supply19	\$ -	\$ -	\$ -
Tetco Supply20	\$ -	\$ -	\$ -
Tetco Supply21	\$ -	\$ -	\$ -
Tetco Supply22	\$ -	\$ -	\$ -
Tetco Supply23	\$ -	\$ -	\$ -
Tetco Supply24	\$ 278,625.93	\$ 365,694.65	\$ 201,000.00
Tetco Supply25	\$ -	\$ -	\$ -
Tetco Supply26	\$ 401,487.93	\$ 469,650.00	\$ 414,932.76
Tetco Supply27	\$ -	\$ -	\$ -
Tetco Supply28	\$ 172,500.00	\$ 172,800.00	\$ 200,780.24
Tetco Supply29	\$ -	\$ -	\$ -
Tetco Supply30	\$ 173,610.00	\$ 199,547.00	\$ 202,110.00
Total Costs	\$ 8,398,558	\$ 9,060,259	\$ 8,374,053
Sharing Mechanism	\$ 126,041	\$ 168,793	\$ 179,269
Asset Management Agreement	\$ (25,000)	\$ (25,000)	\$ (25,000)
Off System Sales	\$ -	\$ -	\$ -
Gas Transportation Purchases	\$ 1,087	\$ 1,258	\$ 5,952
Adjustment/Reconciliation	\$ 1,210,513	\$ 352,858	\$ (260,519)
Total Natural Gas Billed	\$ 9,711,199	\$ 9,558,167	\$ 8,273,755

**Philadelphia Gas Works
Summary of Fuels Purchased
Three Months Ending June 2016**

	Actual				Projected			Actual Over/Under vs Projected				
	Apr-16	May-16	Jun-16	Total	2nd Qtr Filing Apr-16	3rd Qtr Filing May-16	Projected 3rd Qtr Filing Jun-16	Total	Apr-16	May-16	Jun-16	Total
Total Natural Gas Billed	\$ 9,711,199	\$ 9,558,167	\$ 8,273,755	\$ 27,543,121	\$ 11,693,406	\$ 9,532,749	\$ 8,686,942	\$ 29,913,097	\$ (1,982,207)	\$ 25,418	\$ (413,187)	\$ (2,369,976)
Less Imbalance Charge	\$ 57,843	\$ 48,024	\$ 12,953	\$ 118,820	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Less Interruptible Credit	\$ 3,478	\$ (283)	\$ 3,625	\$ 6,820	\$ 83,929	\$ 178,486	\$ 172,865	\$ 435,280	\$ (80,451)	\$ (178,769)	\$ (169,240)	\$ (428,460)
Gas Used For Utility	\$ 33,600	\$ 26,914	\$ 14,325	\$ 74,839	\$ 73,161	\$ 12,513	\$ 16,136	\$ 101,809	\$ (39,561)	\$ 14,401	\$ (1,811)	\$ (26,970)
	\$ 9,616,278	\$ 9,483,512	\$ 8,242,852	\$ 27,342,642	\$ 11,536,317	\$ 9,341,750	\$ 8,497,941	\$ 29,376,008	\$ (1,920,039)	\$ 141,762	\$ (255,089)	\$ (2,033,366)
Pipeline Storages												
(To)	\$ (464,591)	\$ (1,098,644)	\$ (2,583,947)	\$ (4,147,182)	\$ (1,960,596)	\$ (2,540,597)	\$ (2,666,144)	\$ (7,167,337)	\$ 1,496,005	\$ 1,441,953	\$ 82,197	\$ 3,020,155
From	\$ 925,008	\$ 1,123,703	\$ (26,077)	\$ 2,022,634	\$ 2,293,324	\$ -	\$ -	\$ 2,293,324	\$ (1,368,316)	\$ 1,123,703	\$ (26,077)	\$ (270,690)
Net Pipeline Storages	\$ 460,417	\$ 25,059	\$ (2,610,024)	\$ (2,124,548)	\$ 332,729	\$ (2,540,597)	\$ (2,666,144)	\$ (4,874,013)	\$ 127,688	\$ 2,565,656	\$ 56,120	\$ 2,749,465
LNG Storage												
(To)	\$ (740,682)	\$ (219,315)	\$ 65,292	\$ (894,705)	\$ (743,875)	\$ (171,587)	\$ (9,862)	\$ (925,323)	\$ 3,193	\$ (47,728)	\$ 75,154	\$ 30,618
From	\$ 209,885	\$ 211,769	\$ 179,024	\$ 600,678	\$ 286,757	\$ 373,604	\$ 358,465	\$ 1,018,826	\$ (76,872)	\$ (161,835)	\$ (179,441)	\$ (418,148)
Net LNG Storage	\$ (530,797)	\$ (7,546)	\$ 244,316	\$ (294,027)	\$ (457,117)	\$ 202,017	\$ 348,603	\$ 93,503	\$ (73,680)	\$ (209,563)	\$ (104,287)	\$ (387,530)
Net Natural Gas	\$ 9,545,898	\$ 9,501,025	\$ 5,877,145	\$ 24,924,068	\$ 11,411,927.87	\$ 7,003,170	\$ 6,180,400	\$ 24,595,498	\$ (1,866,030)	\$ 2,497,855	\$ (303,255)	\$ 328,570
APPLICABLE GCR EXPENSES												
Net Natural Gas Expense	\$ 9,545,898	\$ 9,501,025	\$ 5,877,145	\$ 24,924,068	\$ 11,411,928	\$ 7,003,170	\$ 6,180,400	\$ 24,595,498	\$ (1,866,030)	\$ 2,497,855	\$ (303,255)	\$ 328,570
Purchased Electric & Misc	\$ 47,777	\$ 40,158	\$ 10,551	\$ 98,486	\$ 57,294	\$ 43,421	\$ 36,597	\$ 137,312	\$ (9,517)	\$ (3,263)	\$ (26,046)	\$ (38,826)
Total GCR Expenses	\$ 9,593,675	\$ 9,541,183	\$ 5,887,696	\$ 25,022,554	\$ 11,469,222	\$ 7,046,591	\$ 6,216,997	\$ 24,732,810	\$ (1,875,547)	\$ 2,494,592	\$ (329,301)	\$ 289,744

