



PHILADELPHIA GAS WORKS

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May 31, 2016

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VIA FEDERAL EXPRESS

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

MAY 31 2016

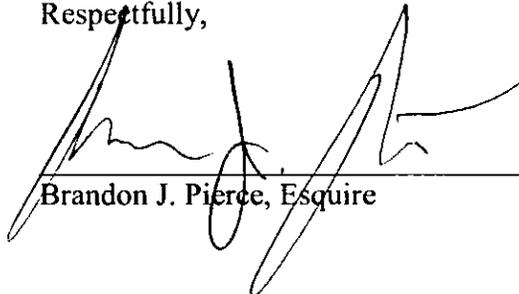
PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

**Re: Pa. PUC v. Philadelphia Gas Works (3rd Quarter 2015-2016 GCR Tariff Supplements)
Docket No.: R-2015-2465656**

Dear Secretary Chiavetta:

On behalf of Philadelphia Gas Works ("PGW"), enclosed please find PGW Gas Service Tariff, Pa. P.U.C. No. 2 Supplement 93; and, PGW Gas Supplier Tariff, Pa. P.U.C. No. 1 Supplement No. 66 which implement PGW's 3rd Quarter 2015-2016 Gas Cost Rate ("GCR").

Respectfully,



Brandon J. Pierce, Esquire

Enclosures

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

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PGW

Gas Supplier Tariff

Pa. P.U.C. No. 1

Supplement No. 66

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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

PHILADELPHIA GAS WORKS

GAS SUPPLIER TARIFF



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

List of Changes Made by this Tariff

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

The load balancing charge effective June 1, 2016 is \$39.2266 per design day Mcf.

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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 \$39.2266 per design day Mcf that is fulfilled by PGW storage and peaking assets, for recovery of those costs for Balancing Service, calculated in the manner set forth in the Commission's Order at M-00021612 (entered March 31, 2003) and as set forth below. Such rate for Balancing Service shall be increased or decreased, from time to time, in accordance with applicable law and procedures. (I)

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

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

$$BSC = (C / S_1) - (E / S_2)$$

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

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

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

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

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

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

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

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

(I) – Increase

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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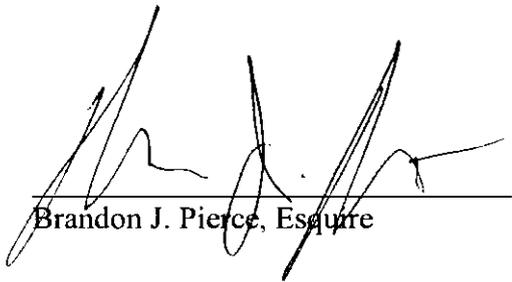
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**PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU**

Dated: May 31, 2016



Brandon J. Pierce, Esquire

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PGW

Gas Service Tariff

Pa. P.U.C. No. 2

Supplement No. 93

PHILADELPHIA GAS WORKS

GAS SERVICE TARIFF

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MAY 31 2016

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU



Issued by: Craig White
President and CEO

PHILADELPHIA GAS WORKS
800 West Montgomery Avenue
Philadelphia, PA 19122

List of Changes Made by this Tariff Supplement

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

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

In the definition of "GAC," the "GAC" value effective June 1, 2016 decreases from \$(0.02516) per Ccf to \$(0.05353) per Ccf.

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

In the definition of "IRC," the "IRC" value effective June 1, 2016 decreases from \$0.00023 to \$0.00019 per Ccf. In the definition of "SSC," the "SSC" value effective June 1, 2016 increases from \$0.37485 per Ccf to \$0.37551 per Ccf.

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

The Gas Cost Rate (GCR) effective June 1, 2016 decreases from \$0.34946 per Ccf to \$0.32179 per Ccf.

PRICE TO COMPARE (Page No. 78)

The Prices to Compare effective June 1, 2016 are: a) \$0.34104 per Ccf for Residential; b) \$0.32688 per Ccf for Commercial Customers on Rate GS; c) \$0.32695 per Ccf for Industrial Customers on Rate GS; and d) \$0.32598 per Ccf for Municipal Customers on Rate MS, The Philadelphia Housing Authority on Rate PHA, Public Housing Customers on Rate GS & Natural Gas Vehicle Service on Rate NGVS.

EFFICIENCY COST RECOVERY SURCHARGE (Page No. 80)

The Efficiency Cost Recovery Surcharges effective June 1, 2016 are: a) \$0.00119 per Ccf for Residential and Public Housing Customers on Rate GS; b) \$0.00476 per Ccf for Commercial Customers on Rate GS; c) \$0.01236 per Ccf for Industrial Customers on Rate GS; d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and e) \$0.00476 per Ccf for The Philadelphia Housing Authority on Rate PHA.

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

The Universal Service and Energy Conservation Surcharge effective June 1, 2016 increases from \$0.13679 per Ccf to \$0.15048 per Ccf.

GENERAL SERVICE – RATE GS (Page No. 83)

The Gas Cost Rate (GCR) effective June 1, 2016 decreases from \$0.34946 per Ccf to \$0.32179 per Ccf.

MUNICIPAL SERVICE – RATE MS (Page No. 87)

The Gas Cost Rate (GCR) effective June 1, 2016 decreases from \$0.34946 per Ccf to \$0.32179 per Ccf.

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

The Gas Cost Rate (GCR) effective June 1, 2016 decreases from \$0.34946 per Ccf to \$0.32179 per Ccf.

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

The Gas Cost Rate (GCR) effective June 1, 2016 decreases from \$0.34946 per Ccf to \$0.32179 per Ccf.

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GAS COST RATE (GCR) -- SECTION 1307(f)

I. PROVISION FOR ADJUSTMENT

The Gas Cost Rate shall be applied to each Mcf (1,000 cubic feet) for Firm Retail Sales Service Gas supplied under Rates Schedules GS, MS, PHA, and NGVS-Firm, except for Gas usage under the Special Provisions – Air Conditioning of those rates calculated in a manner set forth below, pursuant to 66 Pa.C.S. §1307(f). Such rates for Firm Sales Service Gas may be increased or decreased from time to time under the procedures set forth in Section II.B. below to reflect changes in the level of Gas costs incurred or projected to be incurred by PGW related to Sales Service.

II. DEFINITIONS

C - The current cost of Natural Gas and other raw materials determined as follows: (a) for all types of Gas, project the cost for each purchase (adjusted for net current Gas stored) for the computation year plus (b) the of (1) the projected book value of non-current Gas at the beginning of the computation year minus (2) the projected book value of non-current Gas at the end of the computation year. In addition to any cost authorized by the Commission, the cost of Natural Gas may include any item included in the definition of Natural Gas costs set forth in 66 Pa.C.S. § 1307(h) ("Definition"). The Factor "C" includes two components -- Commodity Costs and Demand Costs which are defined as follows: Commodity Costs - the actual cost of natural gas and purchased electric for firm customers that does not include the fixed costs associated with the transportation and storage of natural gas; and Demand Costs - the fixed costs associated with the transportation and storage of natural gas for firm customers.

Effective 9/1/08, 75% of off system sales margin and capacity release credits will be allocated to the Factor "C" and 25% to the Company. Effective 9/1/09, 75% of storage asset management fees will be allocated to the Factor "C" and 25% to the Company.

Computation Year - The 12-month forecast period as identified in the Company's annual 1307 (f) filing and each quarterly GCR filing.

E - Experienced net over billing (or under billing) of the cost of Natural Gas and other raw materials applicable to the GCR reported in the most recent Section 1307(f) proceeding. Such over billings (or under billings) will be made with interest at the rate and method set forth by the Pennsylvania Public Utility Commission. Additionally, supplier refunds received prior to the end of the August billing period will be included in the Factor "E." The Factor "E" includes two components -- Commodity Costs and Demand Costs which are defined above in the Factor "C" definition. Credit or recovery of the factor "E" is completed over the Company's Fiscal Year.

Firm Sales Service - The service provided to Customers who receive firm supply service from PGW. The term does not include the service provided to Customers who receive interruptible supply service from PGW.

GAC (Gas Adjustment Charge) - The "E" factor component of the GCR, representing the net overcollection or undercollection of Natural Gas and other raw materials costs. The currently effective GAC is \$(0.02805) per Ccf for Commodity Costs and \$(0.02548) per Ccf for Demand Costs, for service on or after June 1, 2016. The total GAC is \$(0.05353) per Ccf. (D)

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

(D) – Decrease

IRC - Interruptible Revenue Credit - The credit defined in Subsection VI below. The currently effective IRC is \$0.00019 per Ccf for service on or after June 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 \$0.26227 per Ccf for Commodity Costs and \$0.11324 per Ccf for Demand Costs, for service on or after June 1, 2016. The total SSC is \$0.37551 per Ccf.

(I)

(I) - Increase; (D) - Decrease

III. COMPUTATION OF GAS COST RATE

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

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

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 \$0.32179 per Ccf, for service on or after June 1, 2016.

(D)

IV. REPORTING REQUIREMENTS

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

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

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

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

V. PROVISION FOR INCLUSION OF SPECIFIC NON-GAS EXPENSES

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

VI. INTERRUPTIBLE REVENUE CREDIT (IRC)

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

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

(D) – Decrease

MERCHANT FUNCTION CHARGE (“MFC”)

The MFC is a volumetric charge, applied to firm sales service customers, which will be included in the Price to Compare. The MFC is based on Gas Cost Rate multiplied by a fixed uncollectible percentage established in the Company's last general base rate proceeding. The MFC will not be reconciled to reflect actual results. The MFC is intended to make the Company's Price to Compare more comparable to the gas supply services price offers of other Natural Gas Suppliers that presumably reflect anticipated uncollectible expenses. The following percentages will be applied to the quarterly Gas Cost Rate in order to calculate the quarterly MFC: 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	\$0.37551	\$0.37551	\$0.37551	\$0.37551	\$0.37551	\$0.37551	\$0.37551	(C)
GAC	(\$0.05353)	(\$0.05353)	(\$0.05353)	(\$0.05353)	(\$0.05353)	(\$0.05353)	(\$0.05353)	
MFC	\$0.01506	\$0.00000	\$0.00090	\$0.00097	\$0.00000	\$0.00000	\$0.00000	
GPC	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	
PTC	<u>\$0.34104</u>	<u>\$0.32598</u>	<u>\$0.32688</u>	<u>\$0.32695</u>	<u>\$0.32598</u>	<u>\$0.32598</u>	<u>\$0.32598</u>	

(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) \$0.00119 per Ccf for Residential and Public Housing Customers on Rate GS; | (I) |
| b) \$0.00476 per Ccf for Commercial Customers on Rate GS; | (D) |
| c) \$0.01236 per Ccf for Industrial Customers on Rate GS; | (D) |
| d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and | (NC) |
| e) \$0.00476 per Ccf for The Philadelphia Housing Authority on Rate PHA. | (D) |

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

(I) – Increase; (D) – Decrease, (NC) – No Change

UNIVERSAL SERVICE AND ENERGY CONSERVATION SURCHARGE

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

1. The Surcharge will recover: 1) the discounts provided to Customers pursuant to the Customer Responsibility Program (CRP); 2) the discounts provided to Customers pursuant to the Senior Citizen Discount; 3) the costs of 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 = \$ 0.15048/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 June 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):

\$ 0.32179 per Ccf for Residential and Public Housing (D)
\$ 0.32179 per Ccf for Commercial Customers (D)
\$ 0.32179 per Ccf for Industrial Customers (D)

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.

(D) – Decrease

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

MUNICIPAL SERVICE - RATE MS

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

\$ 0.32179 per Ccf

(D)

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.

(D) – Decrease

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

PHILADELPHIA HOUSING AUTHORITY SERVICE - RATE PHA

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

\$ 0.32179 per Ccf

(D)

Plus

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

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

\$0.41101 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.

(D) – Decrease

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

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

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

\$ 0.32179 per Ccf

(D)

Plus

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

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

\$0.12833 per Ccf

(B) Surcharges:

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

(D) – Decrease; (C) - Change

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

RECEIVED

MAY 31 2016

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

SUPPORTING SCHEDULES

JUNE 1, 2016

3RD QUARTER GCR FILING

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Philadelphia Gas Works
Levelized Gas Cost Rate
3rd Qtr Filing - June 1, 2016

Formula:
GCR = SSC + GAC - IRC

where:

	<u>Demand</u>	<u>Commodity</u>	<u>Total</u>	
S = Firm Sales (Mcf)			45,259,588	Schedule 2
<hr/>				
Net Natural Gas Expense	\$ 54,903,734	\$ 125,911,823	\$ 180,815,557	
Purchased Electric & Misc Expenses	\$ -	\$ 827,181	\$ 827,181	
Total Natural Gas Expense	\$ 54,903,734	\$ 126,739,004	\$ 181,642,738	Schedule 3
C-Factor Reconciliation	\$ (2,978,144)	\$ (6,479,585)	\$ (9,457,729)	Schedule 4(b)
C = Total Applicable GCR Expense	\$ 51,925,590	\$ 120,259,419	\$ 172,185,010	
SSC = C / S	\$ 1.1473	\$ 2.6571	\$ 3.8044	
<hr/>				
Adjustment For:				
E-Factor Volumes (Mcf)			3,172,613	
E-Factor Reconciliation	\$ (729,536)	\$ (803,102)	\$ (1,532,638)	Schedule 4(c)
E = E-Factor	\$ (0.2299)	\$ (0.2531)	\$ (0.4831)	
<hr/>				
Interruptible Revenue Credit			\$ 87,585	Schedule 5(a)
IRC = Interruptible Revenue Credit / S			\$ 0.0019	
<hr/>				
Net Applicable GCR Expenses = C + E - Interruptible Revenue Credit			\$ 170,564,786	
<u>GCR = SSC + GAC - IRC</u>			\$ 3.3194	
<hr/>				
SSC in effect 6/01/16	\$ 1.1324	\$ 2.6227	\$ 3.7551	
GAC in effect 6/01/16	\$ (0.2548)	\$ (0.2805)	\$ (0.5353)	
IRC in effect 6/01/16			\$ (0.0019)	
GCR in effect 6/01/16			\$ 3.2179	Schedule 6
<hr/>				
Recovery Test on:				
Firm Sales (Mcf)			45,259,588	
= GCR Projected Recovery			\$ 168,331,580	
= Load Balancing Revenue			\$ 1,164,391	
= LNG Sales Demand Revenue			\$ 1,069,221	
= Total Projected Recovery			\$ 170,565,192	Schedule 6
Compared To				
Net Applicable GCR Expenses			\$ 170,564,786	
= Net Over/(Under) Recovery			\$ 406	
<hr/>				
Degree Days			4,237	

Philadelphia Gas Works

Price To Compare (\$ / MCF)

June 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	\$3.2179	(\$0.5372)	\$3.7551	4.68%	\$0.1506	\$0.0400	(\$0.5353)	\$3.4104
Commercial GS	\$3.2179	(\$0.5372)	\$3.7551	0.28%	\$0.0090	\$0.0400	(\$0.5353)	\$3.2688
Industrial GS	\$3.2179	(\$0.5372)	\$3.7551	0.30%	\$0.0097	\$0.0400	(\$0.5353)	\$3.2695
Phila. Housing Authority (PHA)	\$3.2179	(\$0.5372)	\$3.7551	0%	\$0.0000	\$0.0400	(\$0.5353)	\$3.2598
Municipal (MS)	\$3.2179	(\$0.5372)	\$3.7551	0%	\$0.0000	\$0.0400	(\$0.5353)	\$3.2598
NGV Firm	\$3.2179	(\$0.5372)	\$3.7551	0%	\$0.0000	\$0.0400	(\$0.5353)	\$3.2598
Phila. Housing Authority (GS)	\$3.2179	(\$0.5372)	\$3.7551	0%	\$0.0000	\$0.0400	(\$0.5353)	\$3.2598

SALES & VOLUMES

JUNE 2016 THROUGH MAY 2017

MONTH	TOTAL	FIRM	BILLED	INTERRUPTIBLE	LNG	AIR	GCR FIRM	SENIOR	APPLICABLE
	VOLUMES	TRANSPORT	SALES	SALES	SALES	CONDITIONING	SALES	CITIZEN	VOLUMES
	1	2	3 = (1 - 2)	4	4A	4B	5 = (3 - 4 - 4A - 4B)	6	7 = (5 - 6 + 2)
JUNE 2016	1,379,583	189,359	1,190,224	762	60,000	1,049	1,128,413	5,298	1,312,475
JULY	1,273,170	181,824	1,091,346	787	62,000	1,652	1,026,907	4,608	1,204,123
AUGUST	1,135,400	161,866	973,535	787	62,000	2,147	908,601	4,035	1,066,432
SEPTEMBER	1,135,331	166,442	968,889	764	82,192	1,697	884,236	3,894	1,046,785
OCTOBER	1,748,975	256,946	1,492,028	789	84,932	119	1,406,189	6,981	1,656,155
NOVEMBER	3,830,495	447,198	3,383,297	764	82,192	-	3,300,342	19,294	3,728,246
DECEMBER	6,577,770	687,677	5,890,093	789	84,932	-	5,804,372	34,993	6,457,057
JANUARY 2017	10,428,254	907,139	9,521,115	789	84,932	-	9,435,395	58,064	10,284,470
FEBRUARY	9,212,586	786,871	8,425,715	713	76,712	-	8,348,290	50,620	9,084,541
MARCH	7,201,115	643,667	6,557,449	789	84,932	-	6,471,728	38,009	7,077,386
APRIL	4,948,062	416,408	4,531,654	764	82,192	-	4,448,698	25,493	4,839,614
MAY	2,430,332	248,190	2,182,142	789	84,932	5	2,096,417	10,750	2,333,857
TOTAL	51,301,072	5,093,587	46,207,486	9,284	931,945	6,668	45,259,588	262,036	50,091,139

**Projected Applicable Fuel Expense
SUMMARY
FY 2015-2016 3rd Quarter Filing**

	JUNE 2016	JULY 2016	AUGUST 2016	SEPTEMBER 2016	OCTOBER 2016	NOVEMBER 2016	DECEMBER 2016	JANUARY 2017	FEBRUARY 2017	MARCH 2017	APRIL 2017	MAY 2017	TOTAL
NATURAL GAS BILLED													
DEMAND CHARGE	\$4,475,262	\$4,453,635	\$4,452,450	\$4,506,595	\$4,605,918	\$4,646,570	\$4,692,568	\$4,691,730	\$4,727,574	\$4,630,744	\$4,590,021	\$4,430,667	\$54,903,734
COMMODITY CHARGE	\$4,211,681	\$4,382,556	\$4,579,542	\$5,190,612	\$9,132,735	\$13,219,451	\$19,686,630	\$14,061,352	\$13,298,960	\$13,742,688	\$11,923,971	\$11,101,332	\$124,531,509
TOTAL NATURAL GAS BILLED	\$8,686,942	\$8,836,191	\$9,031,992	\$9,697,207	\$13,738,654	\$17,866,021	\$24,379,198	\$18,753,082	\$18,026,534	\$18,373,433	\$16,513,992	\$15,531,999	\$179,435,243
INTERRUPTIBLE & A/C CREDIT	\$3,395	\$4,972	\$6,234	\$5,571	\$2,213	\$2,091	\$2,340	\$2,248	\$2,045	\$2,256	\$2,160	\$2,268	\$37,795
SENDOUT VOLUME IN MCF	1,868	2,517	3,028	2,539	937	788	814	814	736	814	788	819	16,463
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	\$1.7310	\$1.8812	\$1.9610	\$2.0893	\$2.2504	\$2.5273	\$2.7370	\$2.6294	\$2.6482	\$2.6385	\$2.6101	\$2.6363	
GAS USED FOR UTILITY	\$16,136	\$10,217	\$16,979	\$23,024	\$31,844	\$61,669	\$116,975	\$139,591	\$152,057	\$135,595	\$85,895	\$32,852	\$822,834
NATURAL GAS TO STORAGE	(\$2,666,144)	(\$2,654,361)	(\$2,769,200)	(\$2,895,901)	(\$3,007,550)	\$0	\$0	\$0	\$0	\$0	(\$3,019,749)	(\$6,362,520)	(\$23,375,425)
FROM STORAGE PGW	\$0	\$0	\$0	\$0	\$0	\$418,363	\$3,304,471	\$10,823,218	\$8,148,315	\$4,568,802	\$793,000	\$0	\$28,056,169
FT FROM STORAGE	\$0	\$0	\$0	\$0	\$0	\$41,410	\$266,204	\$410,008	\$325,312	\$105,251	\$2,678	\$0	\$1,150,863
NET NATURAL GAS STORAGE	(\$2,666,144)	(\$2,654,361)	(\$2,769,200)	(\$2,895,901)	(\$3,007,550)	\$418,363	\$3,304,471	\$10,823,218	\$8,148,315	\$4,568,802	(\$2,226,749)	(\$6,362,520)	\$4,680,744
LNG TO STORAGE	(\$9,862)	\$0	\$0	(\$22,434)	(\$509,583)	(\$1,034,700)	(\$1,076,278)	(\$447,431)	(\$319,168)	(\$1,073,814)	(\$920,306)	(\$292,796)	(\$5,706,374)
FROM LNG PGW	\$358,465	\$370,355	\$370,355	\$421,063	\$434,728	\$415,834	\$470,998	\$927,803	\$839,038	\$450,055	\$443,206	\$460,819	\$5,962,718
FT FROM LNG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
NET LNG STORAGE	\$348,603	\$370,355	\$370,355	\$398,628	(\$74,856)	(\$618,866)	(\$605,281)	\$480,371	\$519,870	(\$623,759)	(\$477,100)	\$168,024	\$256,344
LNG SALES FROM LNG TANK	\$169,470	\$175,069	\$175,069	\$232,085	\$239,753	\$231,460	\$241,809	\$247,219	\$225,596	\$251,406	\$248,474	\$258,735	\$2,696,145
SENDOUT VOLUMES (MCF)	60,000	62,000	62,000	82,192	84,932	82,192	84,932	84,932	76,712	84,932	82,192	84,932	931,945
@ AVG LNG COMMODITY RATE	\$2.8245	\$2.8237	\$2.8237	\$2.8237	\$2.8229	\$2.8161	\$2.8471	\$2.9108	\$2.9408	\$2.9601	\$3.0231	\$3.0464	
NET NATURAL GAS EXPENSE	\$6,180,400	\$6,361,926	\$6,434,864	\$6,939,255	\$10,382,437	\$17,370,297	\$26,717,264	\$29,667,613	\$26,315,021	\$21,929,218	\$13,473,614	\$9,043,647	\$180,815,557
APPLICABLE GCR EXPENSE													
NET NATURAL GAS EXPENSE	\$6,180,400	\$6,361,926	\$6,434,864	\$6,939,255	\$10,382,437	\$17,370,297	\$26,717,264	\$29,667,613	\$26,315,021	\$21,929,218	\$13,473,614	\$9,043,647	\$180,815,557
PURCHASED ELECTRIC & MISC	\$36,597	\$43,093	\$36,603	\$20,266	\$49,261	\$50,657	\$76,359	\$103,785	\$99,004	\$84,055	\$58,660	\$43,842	\$702,181
PLANALYTICS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$125,000	\$0	\$0	\$0	\$0	\$125,000
TOTAL APPLICABLE EXPENSES	\$6,216,997	\$6,405,019	\$6,471,467	\$6,959,520	\$10,431,698	\$17,420,954	\$26,793,622	\$29,896,399	\$26,414,025	\$22,013,274	\$13,532,274	\$9,087,490	\$181,642,738
TOTAL GCR FIRM SALES	1,128,413	1,026,907	908,601	884,236	1,406,189	3,300,342	5,804,372	9,435,395	8,348,290	6,471,728	4,448,698	2,096,417	45,259,588

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

Rate	Split Month		Split Month		Split Month		Split Month		7/1/2016
	7/1/2015	9/1/2015	10/1/2015	12/1/2015	1/1/2016	3/1/2016	4/1/2016	6/1/2016	
SSC in Effect	\$ 4.2385	\$ 4.2506	\$ 4.2626	\$ 4.0715	\$ 3.8804	\$ 3.8145	\$ 3.7485	\$ 3.7518	\$ 3.7551
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%
	100%	100%	100%	100%	100%	100%	100%	100%	100%

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

Actual Fiscal Year 2015-2016	Revised	Revised	Nov-2015	Revised	Jan-2016	Feb-2016	Mar-2016	Apr-2016
	Sep-2015	Oct-2015		Dec-2015				
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
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
Migration Rider Sales	19,504	22,521	30,764	93,084	147,147	148,353	118,191	78,495
GCR Revenue Billed	\$ 3,730,053	\$ 5,461,240	\$ 9,792,985	\$ 14,993,264	\$ 24,255,062	\$ 28,266,729	\$ 20,633,034	\$ 13,050,528
Migration Rider Revenue Billed	\$ (2,811)	\$ (4,265)	\$ (5,819)	\$ (17,380)	\$ (27,386)	\$ (27,597)	\$ (27,378)	\$ (19,278)
Load Balancing Billed	\$ 80,989	\$ 78,091	\$ 77,245	\$ 84,959	\$ 96,731	\$ 95,271	\$ 93,915	\$ 89,738
LNG Sales Demand Charge Credit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,561	\$ 4,902	\$ -
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
Natural Gas Refunds	\$ -	\$ 6,382	\$ 2,005	\$ -	\$ 1,197	\$ 6,382	\$ -	\$ -
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
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
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

**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

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

		GCR SALES 1	MIGRATION RIDER SALES 2	TOTAL E-FACTOR VOLUMES 3=(1+2)	TOTAL GCR REVENUE BILLED 4	E-FACTOR % of GCR 5	E-FACTOR GCR REVENUE BILLED 6=(4*5)	MIGRATION RIDER REVENUES 7	TOTAL E-FACTOR REVENUE 8=(6+7)	OVER/(UNDER) PROJECTED RECOVERY (9)
		(MCF)	(MCF)	(MCF)	(\$)		(\$)	(\$)	(\$)	(\$)
PRIOR YEAR E-FACTOR										
										\$ 8,577,213
MONTH										
SEPTEMBER 2015	Actual	894,850	19,504	914,354	\$ 3,730,053	-3.1%	\$ (115,415)	\$ (2,811)	\$ (118,226)	\$ 8,458,987
OCTOBER	Actual	1,338,478	22,521	1,360,999	\$ 5,461,240	-4.7%	\$ (253,992)	\$ (4,265)	\$ (258,257)	\$ 8,200,730
NOVEMBER	Actual	2,405,950	30,764	2,436,714	\$ 9,792,985	-4.7%	\$ (455,454)	\$ (5,819)	\$ (461,273)	\$ 7,739,457
DECEMBER	Actual	3,849,724	93,084	3,942,808	\$ 14,993,284	-4.8%	\$ (724,971)	\$ (17,380)	\$ (742,350)	\$ 6,997,107
JANUARY 2016	Actual	6,409,695	147,147	6,556,842	\$ 24,255,062	-5.0%	\$ (1,222,144)	\$ (27,386)	\$ (1,249,530)	\$ 5,747,577
FEBRUARY	Actual	7,802,937	148,353	7,951,290	\$ 28,266,729	-5.0%	\$ (1,424,281)	\$ (27,597)	\$ (1,451,878)	\$ 4,295,698
MARCH	Actual	5,730,335	118,191	5,848,526	\$ 20,633,034	-6.1%	\$ (1,256,411)	\$ (27,378)	\$ (1,283,789)	\$ 3,011,909
APRIL	Actual	3,735,180	78,495	3,813,675	\$ 13,050,528	-7.2%	\$ (939,596)	\$ (19,278)	\$ (958,874)	\$ 2,053,035
MAY	Estimated	2,020,451	47,900	2,068,351	\$ 7,060,669	-7.2%	\$ (508,346)	\$ (12,052)	\$ (520,397)	\$ 1,532,638
<hr/>										
JUNE	Estimated	1,128,413	38,612	1,167,025	\$ 3,787,238		\$ (545,118)	\$ (18,653)	\$ (563,771)	
JULY	Estimated	1,026,907	37,075	1,063,982	\$ 3,304,483		\$ (496,082)	\$ (17,910)	\$ (513,992)	
AUGUST	Estimated	908,601	33,005	941,606	\$ 2,923,787		\$ (438,930)	\$ (15,944)	\$ (454,875)	
TOTAL		3,063,921	108,692	3,172,613	\$ 10,015,508		\$ (1,480,131)	\$ (52,507)	\$ (1,532,638)	
<hr/>										
JUNE 1, 2016 E-FACTOR										

6 = (Col 1 * -.4831) 7 = (Col 2 * -.4831)

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

MONTH	TOTAL GCR REVENUE BILLED 1	IRC- FACTOR % of GCR 2	IRC-FACTOR REVENUE BILLED 3 = (1 * 2)
	\$		\$
SEPTEMBER 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)

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

MONTH	DEMAND CHARGES			
	LESS LOAD BALANCING CHARGE REVENUE	DEMAND REVENUE BILLED	MONTHLY DEMAND OVER/(UNDER)	CUMULATIVE DEMAND OVER/(UNDER)
	1	2	3 = (2 - 1)	4
	\$	\$	\$	\$
SEPTEMBER 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

INTERRUPTIBLE REVENUE CREDIT
June 1, 2016

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

<u>MONTH</u>	<u>IRC 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	Estimated \$ (4,647)	\$ 590	
Act/Est IRC Credit September 2015 to May 2016	\$ (42,178)		
Act/Est Margin September 2015 to May 2016		\$ 89,689	\$ 89,689
FY 2015 Reconciliation Plus Act/Est Margin September 2015 to May 2016			\$ 122,800

FY 2015 Reconciliation Plus Act/Est Margin September 2015 to May 2016	\$ 122,800	
Act/Est IRC Credit September 2015 to May 2016	\$ (42,178)	
Reconciliation as of May 31, 2016	\$ 80,622	
Margin - June 2016 through May 2017	\$ 6,963	Schedule 5(b)
June 1, 2016 Interruptible Revenue Credit	\$ 87,585	

GCR Firm Sales **45,259,588** Schedule 2

June 1, 2016 IRC/Mcf **\$ 0.0019**

INTERRUPTIBLE REVENUE MARGIN
3RD QTR FILING

<u>MONTH</u>		<u>MARGIN</u>
June-16	Estimated \$	571
July	Estimated \$	590
August	Estimated \$	590
September	Estimated \$	573
October	Estimated \$	592
November	Estimated \$	573
December	Estimated \$	592
January-17	Estimated \$	592
February	Estimated \$	535
March	Estimated \$	592
April	Estimated \$	573
May	Estimated \$	<u>592</u>
Total	\$	6,963

CALCULATION OF RECOVERED CHARGES
3RD QTR FILING
June 1, 2016

	<u>50% June</u>	<u>11.5 Months</u>	<u>Total</u>
			(MCF) (\$)
S - Firm Sales (Mcf)	564,207	44,695,382	45,259,588
C-Factor	\$ 3.7485	\$ 3.7551	
Projected Recovery	2,114,929	167,835,628	\$ 169,950,557
S - Firm Sales (Mcf)	564,207	44,695,382	45,259,588
IRC-Factor	\$ (0.0023)	\$ (0.0019)	
Projected Recovery	(1,298)	(84,921)	\$ (86,219)
E-Factor Volumes (Mcf)	583,513	2,589,101	3,172,613
E-Factor	\$ (0.2516)	\$ (0.5353)	
Projected Recovery	(146,812)	(1,385,946)	\$ (1,532,757)
GCR (\$ / Mcf)	\$ 3.4946	\$ 3.2179	
GCR Projected Recovery			\$ 168,331,580
Load Balancing Revenue			\$ 1,164,391
LNG Sales Demand Revenue			\$ 1,069,221
TOTAL PROJECTED RECOVERY			\$ 170,565,192

Change In Rates
3rd Quarter Filing
Rates Effective June 1, 2016

	<u>Current Rates</u>				03/01/16 Commodity Rate (5)=(1)+(2)+(3)+(4)
	03/01/16 <u>Distribution Charge</u> (1)	03/01/16 <u>GCR</u> (2)	03/01/16 <u>MFC</u> (3)	03/01/16 <u>GPC</u> (4)	
Residential GS	\$7.6840	\$3.4946	\$0.1635	\$0.0400	\$11.3821
Commercial GS	\$6.3297	\$3.4946	\$0.0098	\$0.0400	\$9.8741
Industrial GS	\$6.4963	\$3.4946	\$0.0105	\$0.0400	\$10.0414
Phila.Housing Authority (PHA)	\$5.8414	\$3.4946	\$0.0000	\$0.0400	\$9.3760
Municipal (MS)	\$5.0404	\$3.4946	\$0.0000	\$0.0400	\$8.5750
Phila.Housing Authority (GS)	\$6.6214	\$3.4946	\$0.0000	\$0.0400	\$10.1560

June 1, 2016 - Distribution Charge

	<u>Delivery</u> Delivery Charge (6)	<u>Surcharges</u>			<u>Restructuring & Consumer Education</u> (10)	<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)			
Residential GS	\$6.0067	\$0.3003	\$0.0119	\$1.5048	\$0.0061	\$1.8231	\$7.8298
Commercial GS	\$4.5984	\$0.3003	\$0.0476	\$1.5048	\$0.0061	\$1.8588	\$6.4572
Industrial GS	\$4.5332	\$0.3003	\$0.1236	\$1.5048	\$0.0061	\$1.9348	\$6.4680
Phila.Housing Authority (PHA)	\$4.1101	\$0.3003	\$0.0476	\$1.5048	\$0.0061	\$1.8588	\$5.9689
Municipal (MS)	\$3.3661	\$0.3003	\$0.0000	\$1.5048	\$0.0061	\$1.8112	\$5.1773
Phila.Housing Authority (GS)	\$4.9441	\$0.3003	\$0.0119	\$1.5048	\$0.0061	\$1.8231	\$6.7672

Proposed Rates

	06/01/16 <u>Distribution Charge</u> (12)	06/01/16 <u>GCR</u> (13)	06/01/16 <u>MFC</u> (14)	06/01/16 <u>GPC</u> (15)	06/01/16 Commodity Rate (16)=(12)+(13)+(14)+(15)	<u>Difference</u> (17)=(16)-(5)
Commercial GS	\$6.4572	\$3.2179	\$0.0090	\$0.0400	\$9.7241	(\$0.1500)
Industrial GS	\$6.4680	\$3.2179	\$0.0097	\$0.0400	\$9.7356	(\$0.3058)
Phila.Housing Authority (PHA)	\$5.9689	\$3.2179	\$0.0000	\$0.0400	\$9.2268	(\$0.1492)
Municipal (MS)	\$5.1773	\$3.2179	\$0.0000	\$0.0400	\$8.4352	(\$0.1398)
Phila.Housing Authority (GS)	\$6.7672	\$3.2179	\$0.0000	\$0.0400	\$10.0251	(\$0.1309)

PHILADELPHIA GAS WORKS
JUNE 1, 2016 - 3RD QTR FILING
UNIVERSAL SERVICE & ENERGY CONSERVATION SURCHARGE

	<u>Expenses in the Surcharge</u>
Enhanced Low Income Retrofit Program (ELIRP)	\$ 5,369,917
Customer Responsibility Program (CRP)	\$ 49,471,811
Senior Citizen Discount *	\$ 3,196,746
<u>May 2016 Under Collection</u>	<u>\$ 17,336,237</u>
Total \$ to be Recovered	\$ 75,374,712
 Total Applicable Volumes	 Mcf 50,089,374
 Universal Service & Energy Conservation Surcharge	 <u>\$ 1.5048</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 \$3,614,332.

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

<u>Month</u>		<u>USC Applicable Volumes</u>	<u>USC Charge</u>	<u>USC Revenue Billed</u>	<u>USC Expenses</u>	<u>Monthly Over/(Under) Recovery</u>	<u>Cumulative Over/(Under) Recovery</u>
FY 15 Reconciliation							\$ (9,295,907)
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	Estimated	2,243,105	\$ 1,3679	\$ 3,068,343	\$ 1,403,280	\$ 1,665,063	\$ (17,336,237)

<u>USC Expenses</u>	<u>Sep-15</u>	<u>Oct-15</u>	<u>Nov-15</u>	<u>Dec-15</u>	<u>Jan-16</u>	<u>Feb-16</u>	<u>Mar-16</u>	<u>Apr-16</u>	<u>May-16</u>
ELIRP Expense	\$ 2,532	\$ 553,720	\$ 622,738	\$ 602,084	\$ 627,513	\$ 614,085	\$ 577,807	\$ 773,096	\$ 886,341
ELIRP Labor	\$ 10,623	\$ 12,196	\$ 8,913	\$ 8,759	\$ 11,284	\$ 9,149	\$ 9,212	\$ 12,251	\$ 2,543
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	\$ (455,290)
CRP Forgiveness	\$ 533,280	\$ 561,291	\$ 542,000	\$ 616,950	\$ 781,302	\$ 718,458	\$ 867,149	\$ 934,553	\$ 786,493
Senior Citizen Discount	\$ 93,418	\$ 145,654	\$ 301,144	\$ 446,490	\$ 654,769	\$ 682,489	\$ 557,467	\$ 387,207	\$ 183,194
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	\$ 1,403,280

<u>CRP Participation</u>									
Rate Case Participation Rate		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
CRP Under(Over) Participation		25,042	25,391	25,538	25,718	26,888	27,994	28,565	27,177
<u>Average Shortfall Per CRP Participant</u>									
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
Actual Participation Rate		58,958	58,609	58,462	58,282	57,112	56,006	55,435	56,823
Average Shortfall per CRP Participant		\$ (44)	\$ (25)	\$ 38	\$ 98	\$ 179	\$ 193	\$ 153	\$ 88
Shortfall*		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bad Debt Expense Offset* 7.1%		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

EFFICIENCY COST RECOVERY (ECR) SURCHARGE

June 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	\$694,184	\$83,835	\$892	\$778,911
Labor Expense	\$16,572	\$2,030	\$33	\$18,635
Commercial & Industrial Retrofit Incentive (CIRI)				
Program Expense	\$130,923	\$236,541	\$0	\$367,463
Labor Expense	\$3,472	\$6,595	\$0	\$10,067
Commercial & Industrial Equipment Rebate (CIER)				
Program Expense	\$10,823	\$310,123	\$85,142	\$406,087
Labor Expense	\$244	\$7,041	\$2,401	\$9,687
High-Efficiency Construction Incentive (HECI)				
Program Expense	\$96,535	\$151,196	\$0	\$247,731
Labor Expense	\$1,661	\$4,032	\$0	\$5,693
Comprehensive Residential Retrofit Incentive (CRRRI)				
Program Expense	\$214,010	\$3,305	\$0	\$217,316
Labor Expense	\$1,509	\$171	\$0	\$1,680
Total Expense	\$1,169,933	\$804,869	\$88,468	\$2,063,270
Prior Period Reconciliation (5/31/16)	\$ (727,888)	\$ (263,220)	\$ 18,851	\$ (972,257)
Total	\$442,046	\$541,649	\$107,318	\$1,091,013
Volumes - Mcf (GCR Firm & Firm Transportation)	37,017,877	11,368,268	868,622	
Efficiency Cost Recovery Surcharge / Mcf				
	\$0.0119	\$0.0476	\$0.1236	

**EFFICIENCY COST RECOVERY (ECR) SURCHARGE
STATEMENT OF RECONCILIATION
3rd Quarter Filing**

		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Estimated
		Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16
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	1,635,354
ECR Surcharge		\$ 0.0045	\$ 0.0071	\$ 0.0071	\$ 0.0049	\$ 0.0027	\$ 0.0027	\$ 0.0029	\$ 0.0030	\$ 0.0030
Revenue Billed		\$ 2,909	\$ 7,040	\$ 13,345	\$ 15,436	\$ 14,268	\$ 17,483	\$ 13,609	\$ 9,299	\$ 4,906
RHER	Expense	\$ 233	\$ 83,436	\$ 30,200	\$ 45,339	\$ 13,297	\$ 114,028	\$ 23,406	\$ 70,565	\$ 45,718
RHER	Labor	\$ 976	\$ 1,121	\$ 850	\$ 805	\$ 1,037	\$ 958	\$ 847	\$ 1,126	\$ 197
HECI	Expense	\$ 27	\$ 2,894	\$ 7,426	\$ 3,268	\$ 527	\$ 27,496	\$ 3,786	\$ 45,221	\$ 2,464
HECI	Labor	\$ 115	\$ 131	\$ 422	\$ 94	\$ 122	\$ 980	\$ 99	\$ 132	\$ (274)
CRRJ	Expense	\$ 219	\$ 373	\$ 172,355	\$ 36,556	\$ 29,111	\$ 29,702	\$ 27,497	\$ 33,532	\$ 57,628
CRRJ	Labor	\$ 919	\$ 1,056	\$ 785	\$ 758	\$ 977	\$ 968	\$ 797	\$ 1,060	\$ 173
CIRI	Expense	\$ 34	\$ 4,372	\$ 37	\$ 425	\$ 344	\$ 262	\$ 190	\$ 207	\$ 3,441
CIRI	Labor	\$ 142	\$ 163	\$ 167	\$ 117	\$ 151	\$ 231	\$ 123	\$ 164	\$ (5)
CIER	Expense	\$ 2	\$ 390	\$ (19)	\$ 1,282	\$ 89	\$ (1,371)	\$ 544	\$ 762	\$ 967
CIER	Labor	\$ 10	\$ 12	\$ 12	\$ 9	\$ 11	\$ (15)	\$ 9	\$ 12	\$ 7
Total		\$ 2,678	\$ 93,947	\$ 212,235	\$ 88,653	\$ 45,666	\$ 173,239	\$ 57,299	\$ 152,780	\$ 110,316
Monthly Over/(Under)		\$ 231	\$ (86,907)	\$ (198,891)	\$ (73,217)	\$ (31,397)	\$ (155,756)	\$ (43,690)	\$ (143,481)	\$ (105,409)
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	\$ 727,888
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	540,418
ECR Surcharge		\$ 0.0221	\$ 0.0243	\$ 0.0243	\$ 0.0345	\$ 0.0446	\$ 0.0446	\$ 0.0508	\$ 0.0570	\$ 0.0570
Revenue Billed		\$ 7,700	\$ 11,845	\$ 17,011	\$ 33,478	\$ 67,191	\$ 75,932	\$ 65,058	\$ 49,344	\$ 30,804
RHER	Expense	\$ 27	\$ 9,679	\$ 2,943	\$ 5,259	\$ 1,542	\$ 9,374	\$ 2,715	\$ 8,186	\$ 6,407
RHER	Labor	\$ 113	\$ 130	\$ 71	\$ 93	\$ 120	\$ (5)	\$ 98	\$ 131	\$ 59
CRRJ	Expense	\$ 4	\$ 7	\$ 3,514	\$ 640	\$ 510	\$ 610	\$ 481	\$ 587	\$ 862
CRRJ	Labor	\$ 16	\$ 18	\$ -	\$ 13	\$ 17	\$ (162)	\$ 14	\$ 19	\$ 51
CIRI	Expense	\$ 61	\$ 7,892	\$ 27	\$ 768	\$ 621	\$ 222	\$ 342	\$ 373	\$ 6,284
CIRI	Labor	\$ 257	\$ 295	\$ 168	\$ 212	\$ 273	\$ 113	\$ 223	\$ 296	\$ 100
CIER	Expense	\$ 83	\$ 13,026	\$ 4,312	\$ 42,854	\$ 2,983	\$ 18,150	\$ 18,200	\$ 25,465	\$ 15,086
CIER	Labor	\$ 348	\$ 400	\$ 459	\$ 287	\$ 370	\$ 960	\$ 302	\$ 402	\$ (123)
HECI	Expense	\$ 33	\$ 3,526	\$ 397	\$ 3,981	\$ 642	\$ (2,627)	\$ 4,613	\$ 55,095	\$ 14,197
HECI	Labor	\$ 140	\$ 160	\$ (208)	\$ 115	\$ 148	\$ (762)	\$ 121	\$ 161	\$ 335
Total		\$ 1,082	\$ 35,132	\$ 11,682	\$ 54,222	\$ 7,226	\$ 25,874	\$ 27,109	\$ 90,713	\$ 43,257
Monthly Over/(Under)		\$ 6,618	\$ (23,286)	\$ 5,329	\$ (20,744)	\$ 59,965	\$ 50,058	\$ 37,948	\$ (41,369)	\$ (12,453)
Cumulative Over/(Under)		\$ 207,773	\$ 184,487	\$ 189,816	\$ 169,071	\$ 229,036	\$ 279,094	\$ 317,042	\$ 275,673	\$ 263,220
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	41,667
ECR Surcharge		\$ (0.0102)	\$ (0.0091)	\$ (0.0091)	\$ 0.1086	\$ 0.2262	\$ 0.2262	\$ 0.2575	\$ 0.2888	\$ 0.2888
Revenue Billed		\$ (291)	\$ (334)	\$ (437)	\$ 7,603	\$ 26,625	\$ 30,568	\$ 22,751	\$ 16,564	\$ 12,033
RHER	Expense	\$ 0	\$ 81	\$ (83)	\$ 44	\$ 13	\$ (66)	\$ 23	\$ 69	\$ 117
RHER	Labor	\$ 1	\$ 1	\$ (6)	\$ 1	\$ 1	\$ (14)	\$ 1	\$ 1	\$ 6
CIRI	Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIRI	Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIER	Expense	\$ 19	\$ 3,053	\$ (211)	\$ 10,045	\$ 699	\$ (11,121)	\$ 4,266	\$ 5,969	\$ 7,686
CIER	Labor	\$ 82	\$ 94	\$ (102)	\$ 67	\$ 87	\$ (567)	\$ 71	\$ 94	\$ 221
Total		\$ 102	\$ 3,229	\$ (402)	\$ 10,157	\$ 800	\$ (11,768)	\$ 4,361	\$ 6,133	\$ 8,029
Monthly Over/(Under)		\$ (393)	\$ (3,563)	\$ (35)	\$ (2,554)	\$ 25,825	\$ 42,336	\$ 18,391	\$ 10,431	\$ 4,004
Cumulative Over/(Under)		\$ (113,685)	\$ (117,248)	\$ (117,283)	\$ (119,837)	\$ (94,012)	\$ (51,676)	\$ (33,285)	\$ (22,854)	\$ (18,851)

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

Storage and Peaking Asset Cost	\$	14,087,005
---------------------------------------	-----------	-------------------

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

Annual Storage and Peaking Cost per Excess Mcf	\$	39.1280
Per Mcf Over / (Under) Adjustment	\$	<u>(0.0986)</u>
Load Balancing Charge	\$	39.2266

Over / (Under) Recovery	\$	(32,066)
Interest	\$	<u>(3,045)</u>
Total Over/(Under) Recovery	\$	(35,111)
Forecasted SSPC Volumes		356,204
Per Mcf Over / (Under) Adjustment	\$	(0.0986)

Natural Gas Prices Used for PGW's - FY 2015-2016 - 3rd Quarter GCR Filing

Basis Differentials

Prices Used For Gas Cost Inputs

	TRANSCO					TETCO				NYMEX Futures 05/04/16 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
2016:5											1.88	1.86	1.95	1.95	1.42	1.91	1.91	1.90	1.29
2016:6	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.72)	2.141	2.03	2.00	2.12	2.13	2.21	2.08	2.06	2.04	1.42
2016:7	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.72)	2.296	2.19	2.16	2.28	2.29	2.37	2.24	2.22	2.20	1.58
2016:8	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.72)	2.381	2.27	2.24	2.36	2.37	2.45	2.32	2.30	2.28	1.66
2016:9	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	2.423	2.31	2.28	2.40	2.41	2.49	2.36	2.34	2.32	1.94
2016:10	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	2.497	2.39	2.36	2.48	2.49	2.57	2.44	2.42	2.40	2.02
2016:11	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	2.709	2.60	2.57	2.69	2.70	2.78	2.65	2.63	2.61	2.23
2016:12	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	2.995	2.89	2.86	2.98	2.99	3.07	2.94	2.92	2.90	2.52
2017:1	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	3.118	3.01	2.98	3.10	3.11	3.19	3.06	3.04	3.02	2.64
2017:2	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	3.110	3.00	2.97	3.09	3.10	3.18	3.05	3.03	3.01	2.63
2017:3	(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
2017:4	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	2.885	2.78	2.75	2.87	2.88	2.96	2.83	2.81	2.79	2.41
2017:5	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	2.879	2.77	2.74	2.86	2.87	2.95	2.82	2.80	2.78	2.40
2017:6	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	2.909	2.80	2.77	2.89	2.90	2.98	2.85	2.83	2.81	2.43
2017:7	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	2.945	2.84	2.81	2.93	2.94	3.02	2.89	2.87	2.85	2.47
2017:8	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.10)	(0.48)	2.955	2.85	2.82	2.94	2.95	3.03	2.90	2.88	2.86	2.48

Actual Natural Gas Billed

	<u>Jan-16</u>	<u>Feb-16</u>	<u>Mar-16</u>
Williams	\$ 2,815,441.15	\$ 2,608,476.25	\$ 2,612,510.67
Texas Eastern	\$ 2,355,435.76	\$ 2,385,532.22	\$ 2,275,575.73
Dominion	\$ 136,589.76	\$ 131,038.00	\$ 129,635.84
Equitrans	\$ -	\$ -	\$ -
Spot Purchases -Transco	\$ 59,080.75	\$ 11,507.68	\$ 19,451.31
Spot Purchases -Tetco	\$ -	\$ 2,608.76	\$ -
Transco Supply2	\$ 921,525.00	\$ 670,425.00	\$ 147,225.00
Transco Supply3	\$ -	\$ -	\$ -
Transco Supply6	\$ 752,525.00	\$ 689,837.50	\$ 737,412.50
Transco Supply7	\$ -	\$ -	\$ -
Transco Supply8	\$ 1,719,250.00	\$ 1,314,500.00	\$ 661,075.00
Transco Supply10	\$ 875,750.00	\$ 609,000.00	\$ 545,600.00
Transco Supply12	\$ -	\$ -	\$ -
Transco Supply14	\$ -	\$ -	\$ -
Transco Supply17	\$ -	\$ -	\$ -
Transco Supply20	\$ -	\$ -	\$ -
Transco Supply21	\$ -	\$ -	\$ -
Transco Supply22	\$ 1,209,275.00	\$ 1,052,012.50	\$ 490,841.16
Transco Supply23	\$ 900,700.00	\$ 948,650.00	\$ 618,450.00
Transco Supply24	\$ -	\$ -	\$ -
Transco Supply25	\$ -	\$ -	\$ -
Transco Supply26	\$ -	\$ -	\$ -
Transco Supply27	\$ -	\$ -	\$ -
Transco Supply28	\$ -	\$ -	\$ -
Transco Supply29	\$ -	\$ -	\$ -
Transco Supply30	\$ 415,787.50	\$ 388,962.50	\$ 415,787.50
Transco Supply31	\$ 416,175.00	\$ 389,325.00	\$ 416,175.00
Transco Supply32	\$ -	\$ 37,600.00	\$ -
Tetco Supply1	\$ -	\$ -	\$ -
Tetco Supply2	\$ -	\$ -	\$ -
Tetco Supply3	\$ -	\$ -	\$ -
Tetco Supply4	\$ -	\$ -	\$ -
Tetco Supply5	\$ 1,112,020.00	\$ 569,160.00	\$ 310,310.00
Tetco Supply7	\$ -	\$ -	\$ -
Tetco Supply13	\$ -	\$ -	\$ -
Tetco Supply14	\$ -	\$ -	\$ -
Tetco Supply16	\$ 373,302.39	\$ 355,975.00	\$ 387,747.61
Tetco Supply17	\$ -	\$ -	\$ -
Tetco Supply18	\$ -	\$ -	\$ -
Tetco Supply19	\$ 416,950.00	\$ 390,050.00	\$ 416,950.00
Tetco Supply20	\$ -	\$ -	\$ -
Tetco Supply21	\$ -	\$ -	\$ -
Tetco Supply22	\$ -	\$ -	\$ -
Tetco Supply23	\$ -	\$ -	\$ -
Tetco Supply24	\$ 1,609,700.00	\$ 1,541,100.00	\$ 736,000.00
Tetco Supply25	\$ 258,385.00	\$ 215,180.00	\$ 155,930.00
Tetco Supply26	\$ 898,125.00	\$ 849,849.36	\$ 408,100.00
Tetco Supply27	\$ -	\$ -	\$ -
Tetco Supply28	\$ 196,075.00	\$ 197,925.00	\$ 148,025.00
Tetco Supply29	\$ 334,412.50	\$ 312,837.50	\$ 334,412.50
Total Costs	\$ 17,776,505	\$ 15,671,552	\$ 11,967,215
Sharing Mechanism	\$ 126,672	\$ 110,174	\$ 143,697
Asset Management Agreement	\$ -	\$ -	\$ -
Off System Sales	\$ -	\$ -	\$ -
Gas Transportation Purchases	\$ 2,993	\$ 141	\$ 2,080
Adjustment/Reconciliation	\$ 644,404	\$ 536,837	\$ (425,130)
Total Natural Gas Billed	\$ 18,550,574	\$ 16,318,705	\$ 11,687,862

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

	<u>Actual</u>				<u>Projected</u>			<u>Actual Over/Under vs Projected</u>				
	<u>Jan-16</u>	<u>Feb-16</u>	<u>Mar-16</u>	<u>Total</u>	<u>2nd Qtr Filing Jan-16</u>	<u>2nd Qtr Filing Feb-16</u>	<u>2nd Qtr Filing Mar-16</u>	<u>Total</u>	<u>Jan-16</u>	<u>Feb-16</u>	<u>Mar-16</u>	<u>Total</u>
Total Natural Gas Billed	\$ 18,550,574	\$ 16,318,705	\$ 11,687,862	\$ 46,557,141	\$ 18,963,314	\$ 19,243,371	\$ 17,862,846	\$ 56,069,531	\$ (412,740)	\$ (2,924,666)	\$ (6,174,984)	\$ (9,512,390)
Less Imbalance Charge	\$ 56,290	\$ 68,924	\$ 56,340	\$ 181,554	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Less Interruptible Credit	\$ 3,498	\$ 22,647	\$ 18,236	\$ 44,381	\$ 22,108	\$ 81,992	\$ 87,337	\$ 191,437	\$ (18,610)	\$ (59,345)	\$ (69,101)	\$ (147,056)
Gas Used For Utility	\$ 81,577	\$ 94,933	\$ 57,180	\$ 233,690	\$ 152,795	\$ 164,923	\$ 135,268	\$ 452,985	\$ (71,218)	\$ (69,990)	\$ (78,088)	\$ (219,295)
	\$ 18,409,209	\$ 16,132,201	\$ 11,556,106	\$ 46,097,516	\$ 18,788,411	\$ 18,996,456	\$ 17,640,241	\$ 55,425,109	\$ (379,202)	\$ (2,864,255)	\$ (6,084,135)	\$ (9,327,593)
Pipeline Storages												
(To)	\$ (304,774)	\$ (159,894)	\$ (558,097)	\$ (1,022,765)	\$ (122,821)	\$ -	\$ -	\$ (122,821)	\$ (181,953)	\$ (159,894)	\$ (558,097)	\$ (899,944)
From	\$ 8,326,012	\$ 5,269,322	\$ 3,066,208	\$ 16,661,542	\$ 8,032,751	\$ 4,034,488	\$ 1,349,245	\$ 13,416,485	\$ 293,261	\$ 1,234,834	\$ 1,716,963	\$ 3,245,057
Net Pipeline Storages	\$ 8,021,238	\$ 5,109,428	\$ 2,508,111	\$ 15,638,777	\$ 7,909,931	\$ 4,034,488	\$ 1,349,245	\$ 13,293,664	\$ 111,307	\$ 1,074,940	\$ 1,158,866	\$ 2,345,113
LNG Storage												
(To)	\$ (882,078)	\$ (625,368)	\$ (583,957)	\$ (2,091,403)	\$ (1,025,600)	\$ (311,670)	\$ (922,567)	\$ (2,259,837)	\$ 143,522	\$ (313,698)	\$ 338,610	\$ 168,434
From	\$ 916,461	\$ 1,066,323	\$ 226,029	\$ 2,208,813	\$ 898,887	\$ 774,499	\$ 299,383	\$ 1,972,768	\$ 17,574	\$ 291,824	\$ (73,354)	\$ 236,045
Net LNG Storage	\$ 34,383	\$ 440,955	\$ (357,928)	\$ 117,410	\$ (126,714)	\$ 462,829	\$ (623,184)	\$ (287,069)	\$ 161,097	\$ (21,874)	\$ 265,256	\$ 404,479
Net Natural Gas	\$ 26,464,830	\$ 21,682,584	\$ 13,706,290	\$ 61,853,704	\$ 26,571,627.49	\$ 23,493,774	\$ 18,366,302	\$ 68,431,704	\$ (106,797)	\$ (1,811,190)	\$ (4,660,012)	\$ (6,578,000)
APPLICABLE GCR EXPENSES												
Net Natural Gas Expense	\$ 26,464,830	\$ 21,682,584	\$ 13,706,290	\$ 61,853,704	\$ 26,571,627	\$ 23,493,774	\$ 18,366,302	\$ 68,431,704	\$ (106,797)	\$ (1,811,190)	\$ (4,660,012)	\$ (6,578,000)
Purchased Electric & Misc	\$ 76,561	\$ 77,980	\$ 189,217	\$ 343,758	\$ 227,929	\$ 97,034	\$ 82,055	\$ 407,017	\$ (151,368)	\$ (19,054)	\$ 107,162	\$ (63,259)
Total GCR Expenses	\$ 26,541,391	\$ 21,760,564	\$ 13,895,507	\$ 62,197,462	\$ 26,799,556	\$ 23,590,808	\$ 18,448,357	\$ 68,838,721	\$ (258,165)	\$ (1,830,244)	\$ (4,552,850)	\$ (6,641,259)

00135

00200

FedEx Package
Express US Airbill

FedEx
Tracking
Number

8079 1229 0010

Form
ID No

0215

22003

fedex.com 1.800.GoFedEx 1.800.463.3339

05445044

1 From

Date 5-31-16

Sender's Name Branigan Pierce Co Phone 215 644-6219

Company PHILADELPHIA GAS WORKS

Address 800 W MONTGOMERY AVE

City PHILADELPHIA State PA ZIP 19122-2898

2 Your Internal Billing Reference

3 To

Recipient's Name Gen. Rosemary Cimicata Phone _____

Company Pa POC

Address 4100 North Street

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address Commonwealth Keystone Banking

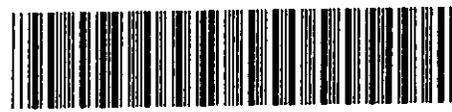
Use this line for the HOLD location address or for continuation of your shipping address.

City Harrisburg State Pa ZIP 17120

HOLD Weekday
FedEx location address
REQUIRED. NOT available for
FedEx First Overnight.

HOLD Saturday
FedEx location address
REQUIRED. Available ONLY for
FedEx Priority Overights and
FedEx 2Day to select locations.

0118892043



8079 1229 0010

4 Express Package Service * To most locations.
NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs.
For packages over 150 lbs., use the
FedEx Express Freight US Airbill.

Next Business Day

FedEx First Overnight
Earliest next business morning delivery to select
locations. Friday shipments will be delivered on
Monday unless SATURDAY Delivery is selected.

FedEx Priority Overnight
Next business morning. Friday shipments will be
delivered on Monday unless SATURDAY Delivery
is selected.

FedEx Standard Overnight
Next business afternoon.
Saturday Delivery NOT available.

2 or 3 Business Days

FedEx 2Day A.M.
Second business morning.
Saturday Delivery NOT available.

FedEx 2Day
Second business afternoon. Thursday shipments
will be delivered on Monday unless SATURDAY
Delivery is selected.

FedEx Express Saver
Third business day.
Saturday Delivery NOT available.

5 Packaging * Declared value limit \$500

FedEx Envelope* **FedEx Pak*** **FedEx
Box** **FedEx
Tube** **Other**

6 Special Handling and Delivery Signature Options

SATURDAY Delivery
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

No Signature Required
Package may be left without
obtaining a signature for delivery.

Direct Signature
Someone at recipient's address
may sign for delivery. *Fee applies.*

Indirect Signature
If no one is available at recipient's
address, someone at a neighboring
address may sign for delivery. For
residential deliveries only. *Fee applies.*

Does this shipment contain dangerous goods?

One box must be checked.

No **Yes**
As per attached
Shipper's Declaration

Yes
Shipper's Declaration
not required

Dry Ice
Dry Ice, 5 UN 1845 _____ x _____ kg

Cargo Aircraft Only

Dangerous goods for shipping dry ice cannot be shipped in FedEx packaging
or placed in a FedEx Express Ship Box.

7 Payment Bill to:

Sender Enter FedEx Acct. No. or Credit Card No. below. **Other rec'd**
Acct. No. in Section 1 will be billed. **Recipient** **Third Party** **Credit Card** **Cash/Check**

Total Packages _____ Total Weight _____ lbs. **Credit Card Auth.**

*Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

611

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