



PHILADELPHIA GAS WORKS

800 West Montgomery Avenue • Philadelphia, PA 19122

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

May 31, 2019

VIA E-FILING

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

**Re: Pa. PUC v. Philadelphia Gas Works (3rd Quarter 2018-2019 GCR Filing)
Docket No. R-2018-2645938**

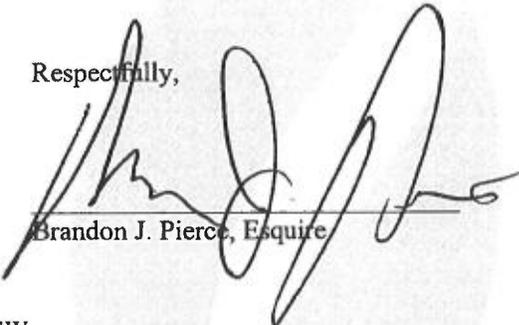
Dear Secretary Chiavetta:

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

- 1) PGW Gas Service Tariff, Pa. P.U.C. No. 2, Supplement No. 122; and
- 2) PGW Gas Supplier Tariff, Pa. P.U.C. No. 1, Supplement No. 82.

These supplements are being filed to implement PGW’s 3rd Quarter 2018-2019 Gas Cost Rate (“GCR”). The tariff supplements are to become effective on one day’s notice on June 1, 2019. Please contact me with any questions.

Respectfully,



Brandon J. Pierce, Esquire

Enclosures

cc: Cert. of Service w/enc
Raquel Guzman, VP Legal & General Counsel, PGW
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.

VIA FIRST CLASS MAIL and EMAIL

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

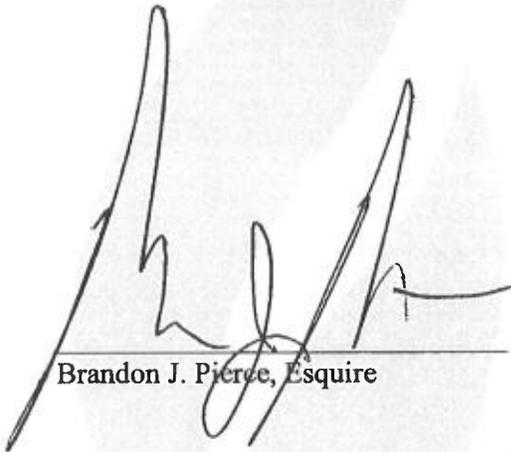
Sharon Webb, Esq.
Office of Small Business Advocate
Commerce Building, Suite 202
300 North 2nd Street
Harrisburg, PA 17101
swebb@pa.gov

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

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

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

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



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

Brandon J. Pierce, Esquire

Dated: May 31, 2019

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

Supplement No. 122

PHILADELPHIA GAS WORKS

GAS SERVICE TARIFF



Issued by: Craig White
President and CEO

PHILADELPHIA GAS WORKS
800 West Montgomery Avenue
Philadelphia, PA 19122

List of Changes Made by this Tariff Supplement**TABLE OF CONTENTS (Page Nos. 6-7)**

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

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

In the definition of "GAC," the GAC value effective June 1, 2019, increases from \$(0.00904) per Ccf to \$(0.00737) 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, 2019, decreases from \$0.00059 per Ccf to \$0.00040 per Ccf. In the definition of "SSC," the "SSC" value effective June 1, 2019, decreases from \$0.49742 per Ccf to \$0.43501 per Ccf.

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

The Gas Cost Rate (GCR) effective June 1, 2019, decreases from \$0.48779 per Ccf to \$0.42724 per Ccf.

PRICE TO COMPARE (Page No. 78)

The Prices to Compare effective June 1, 2019, are: a) \$0.44770 per Ccf for Residential; b) \$0.43429 per Ccf for Commercial Customers on Rate GS; c) \$0.43331 per Ccf for Industrial Customers on Rate GS; and d) \$0.43164 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, 2019, are: a) \$0.00053 per Ccf for Residential and Public Housing Customers on Rate GS; b) \$0.00642 per Ccf for Commercial Customers on Rate GS; c) \$(0.00299) per Ccf for Industrial Customers on Rate GS; d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and e) \$0.00642 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, 2019, decreases from \$0.16259 per Ccf to \$0.13014 per Ccf.

GENERAL SERVICE – RATE GS (Page No. 83)

The Gas Cost Rate (GCR) effective June 1, 2019, decreases from \$0.48779 per Ccf to \$0.42724 per Ccf.

MUNICIPAL SERVICE – RATE MS (Page No. 87)

The Gas Cost Rate (GCR) effective June 1, 2019, decreases from \$0.48779 per Ccf to \$0.42724 per Ccf.

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

The Gas Cost Rate (GCR) effective June 1, 2019, decreases from \$0.48779 per Ccf to \$0.42724 per Ccf.

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

The Gas Cost Rate (GCR) effective June 1, 2019, decreases from \$0.48779 per Ccf to \$0.42724 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 \$(0.03851) per Ccf for Commodity Costs and \$0.03114 per Ccf for Demand Costs, for service on or after June 1, 2019. The total GAC is \$(0.00737) 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 \$0.00040 per Ccf for service on or after June 1, 2019. (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 \$0.30098 per Ccf for Commodity Costs and \$0.13403 per Ccf for Demand Costs, for service on or after June 1, 2019. The total SSC is \$0.43501 per Ccf. (D)

(D) – Decrease

III. COMPUTATION OF GAS COST RATE

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

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

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

The currently effective Gas Cost Rate is \$0.42724 per Ccf, for service on or after June 1, 2019.

(D)

IV. REPORTING REQUIREMENTS

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

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

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

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

V. PROVISION FOR INCLUSION OF SPECIFIC NON-GAS EXPENSES

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

VI. INTERRUPTIBLE REVENUE CREDIT (IRC)

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

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

(D) – Decrease

MERCHANT FUNCTION CHARGE (“MFC”)

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

GAS PROCUREMENT CHARGE (“GPC”)

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

Current Gas Procurement Charge = \$0.00400/Ccf

PRICE TO COMPARE (“PTC”)

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

	GS RES	GS PH	GS COM	GS IND	MS	PHA	NGVS
SSC	\$0.43501	\$0.43501	\$0.43501	\$0.43501	\$0.43501	\$0.43501	\$0.43501
GAC	(\$0.00737)	(\$0.00737)	(\$0.00737)	(\$0.00737)	(\$0.00737)	(\$0.00737)	(\$0.00737)
MFC	\$0.01606	\$0.00000	\$0.00265	\$0.00167	\$0.00000	\$0.00000	\$0.00000
GPC	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400
PTC	\$0.44770	\$0.43164	\$0.43429	\$0.43331	\$0.43164	\$0.43164	\$0.43164

(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) \$0.00053 per Ccf for Residential and Public Housing Customers on Rate GS; | (D) |
| b) \$0.00642 per Ccf for Commercial Customers on Rate GS; | (I) |
| c) \$(0.00299) per Ccf for Industrial Customers on Rate GS; | (I) |
| d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and | (NC) |
| e) \$0.00642 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 = \$ 0.13014/Ccf.

(D)

(D) - Decrease

GENERAL SERVICE - RATE GS

Rate: Applicable to all Retail Sales Service or Transportation Service rendered pursuant to this Rate Schedule on or after June 1, 2019.

AVAILABILITY

Available for any purpose where the Company's distribution mains adjacent to the proposed Gas Service location are, or can economically be made, suitable to supply the quantities of Gas or Transportation Services required.

RATES

CUSTOMER CHARGE (per Meter (except parallel meters)):

\$ 13.75 per month for Residential and Public Housing Authority Customers.
\$ 23.40 per month for Commercial Customers
\$ 70.00 per month for Industrial Customers

Surcharge: Distribution System Improvement Charge.

Plus,

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

\$0.42724 per Ccf for Residential and Public Housing (D)
\$0.42724 per Ccf for Commercial Customers (D)
\$0.42724 per Ccf for Industrial Customers (D)

Plus,

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

(A) Delivery Charge:

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

(B) Surcharges:

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

(D) - Decrease

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

MUNICIPAL SERVICE - RATE MS

Rate: Applicable to all Retail Sales Service or Transportation Service rendered pursuant to this Rate Schedule on or after June 1, 2019.

AVAILABILITY

Available to properties owned or occupied by the City of Philadelphia or the Board of Education, or any of their respective agencies or instrumentalities, for any type of Gas Service, unless purchased for resale to others, and where the Company's distribution mains adjacent to the proposed Gas Service locations are, or can economically be made, suitable to supply the quantities of Gas required; provided, however, that the rate shall not be available to Commercial Tenants of any such property.

RATES

CUSTOMER CHARGE (per Meter (except parallel meters):

\$ 23.40 per month

Surcharge: Distribution System Improvement Charge.

Plus,

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

\$0.42724 per Ccf

(D)

Plus,

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

(A) Delivery Charge:

\$0.42723 per Ccf

(B) Surcharges:

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

(D) - Decrease

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

PHILADELPHIA HOUSING AUTHORITY SERVICE - RATE PHA

Rate: Applicable to all Retail Sales Service or Transportation Services rendered pursuant to this Rate Schedule on or after June 1, 2019.

AVAILABILITY

Available for all Gas usage in multiple dwelling Residential buildings containing 10 or more dwelling units, owned and operated by the Philadelphia Housing Authority, where cooking shall be performed exclusively with Gas and where Gas Service shall be supplied through one or more single point metering arrangements at locations where the Company's distribution mains adjacent to the proposed Gas Service locations are, or can economically be made, suitable to supply the quantities of Gas required.

This rate is also available for all Gas usage in single and multiple dwelling Residential buildings, containing less than 10 dwelling units, provided, and only so long as, Gas is used exclusively for cooking, water heating and space heating for all such Residential buildings owned and operated by the Philadelphia Housing Authority, except (a) buildings operated by the Philadelphia Housing Authority, prior to the original effective date of this rate (January 1, 1969), and (b) buildings for which, in the judgment of the Company, such Gas Service cannot be provided economically.

RATES

CUSTOMER CHARGE (per Meter (except parallel meters);

\$23.40 per month

Surcharge: Distribution System Improvement Charge.

Plus,

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

\$0.42724 per Ccf

(D)

Plus

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

(A) Delivery Charge:

\$0.50163 per Ccf

(B) Surcharges:

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

(D) - Decrease

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

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

Rate: Applicable to all Retail Sales Service rendered pursuant to this Rate Schedule on or after
June 1, 2019.

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):

\$0.42724 per Ccf

(D)

Plus

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

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

\$0.12833 per Ccf

(B) Surcharges:

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

(D) – Decrease

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

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

Supplement No. 82

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, 2019, is \$55.6995 per design day Mcf.

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9.14. LOAD BALANCING CHARGE.

9.14.A. Suppliers for all gas delivered under Firm Transportation Rates, of this Suppliers Tariff shall be charged at \$55.6995 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

Supporting Schedules

JUNE 1, 2019

3RD QUARTER GCR FILING

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Philadelphia Gas Works

Levelized Gas Cost Rate

June 1, 2019

Formula:
GCR = SSC + GAC - IRC

where:

	<u>Demand</u>	<u>Commodity</u>	<u>Total</u>	
S = Firm Sales (Mcf)			41,791,602	Schedule 2
Net Natural Gas Expense	\$ 77,859,202	\$ 117,229,292	\$ 195,088,494	
Purchased Electric & Misc Expenses	\$ -	\$ 652,974	\$ 652,974	
Total Natural Gas Expense	\$ 77,859,202	\$ 117,882,267	\$ 195,741,469	Schedule 3
C-Factor Reconciliation	\$ (20,957,101)	\$ 9,893,616	\$ (11,063,485)	Schedule 4(b)
C = Total Applicable GCR Expense	\$ 56,902,101	\$ 127,775,883	\$ 184,677,984	
SSC = C / S	\$ 1.3616	\$ 3.0574	\$ 4.4190	
Adjustment For:				
E-Factor Volumes (Mcf)			2,843,764	Schedule 4(c)
E-Factor Reconciliation	\$ 13,047,262	\$ (16,134,714)	\$ (3,087,452)	Schedule 4(c)
	\$ 13,047,262	\$ (16,134,714)	\$ (3,087,452)	
E = E-Factor	\$ 4.5880	\$ (5.6737)	\$ (1.0857)	
Interruptible Revenue Credit			\$ 169,340	Schedule 5(a)
IRC = Interruptible Revenue Credit / S			\$ 0.0041	
Net Applicable GCR Expenses = C + E - Interruptible Revenue Credit			\$ 181,421,192	
<u>GCR = SSC + GAC - IRC</u>			\$ 3.3293	
SSC in effect 6/01/19	\$ 1.3403	\$ 3.0098	\$ 4.3501	
GAC in effect 6/01/19	\$ 0.3114	\$ (0.3851)	\$ (0.0737)	
IRC in effect 6/01/19			\$ (0.0040)	
GCR in effect 6/01/19			\$ 4.2724	
Recovery Test on:				
Firm Sales (Mcf)			41,791,602	
= GCR Projected Recovery			\$ 178,867,216	Schedule 6
= Load Balancing Revenue			\$ 2,529,881	
= LNG Sales Demand Revenue			\$ 22,406	
= Total Projected Recovery			\$ 181,419,503	Schedule 6
Compared To				
Net Applicable GCR Expenses			\$ 181,421,192	
= Net Over/(Under) Recovery			\$ (1,689)	
Degree Days			3,956	

Philadelphia Gas Works

Price To Compare (\$ / MCF)

June 1, 2019

	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	\$4.2724	(\$0.0777)	\$4.3501	3.76%	\$0.1606	\$0.0400	(\$0.0737)	\$4.4770
Commercial GS	\$4.2724	(\$0.0777)	\$4.3501	0.62%	\$0.0265	\$0.0400	(\$0.0737)	\$4.3429
Industrial GS	\$4.2724	(\$0.0777)	\$4.3501	0.39%	\$0.0167	\$0.0400	(\$0.0737)	\$4.3331
Phila. Housing Authority (PHA)	\$4.2724	(\$0.0777)	\$4.3501	0.00%	\$0.0000	\$0.0400	(\$0.0737)	\$4.3164
Municipal (MS)	\$4.2724	(\$0.0777)	\$4.3501	0.00%	\$0.0000	\$0.0400	(\$0.0737)	\$4.3164
NGV Firm	\$4.2724	(\$0.0777)	\$4.3501	0.00%	\$0.0000	\$0.0400	(\$0.0737)	\$4.3164
Phila. Housing Authority (GS)	\$4.2724	(\$0.0777)	\$4.3501	0.00%	\$0.0000	\$0.0400	(\$0.0737)	\$4.3164

SALES & VOLUMES

JUNE 2019 THROUGH MAY 2020

MONTH	TOTAL VOLUMES	FIRM TRANSPORT VOLUMES	BILLED SALES	INTERRUPTIBLE SALES	LNG SALES	AIR CONDITIONING SALES	GCR FIRM SALES	SENIOR CITIZEN DISCOUNT SALES	APPLICABLE VOLUMES
	1	2	3 = (1 - 2)	4	4A	4B	5 = (3 - 4 - 4A - 4B)	6	7 = (5 - 6 + 2)
JUNE 2019	1,304,892	211,650	1,093,242	42,250	4,590	75	1,046,327	3,662	1,254,315
JULY	1,183,420	195,723	987,697	43,658	4,743	364	938,932	3,173	1,131,482
AUGUST	1,087,236	179,640	907,596	43,658	4,743	690	858,505	2,873	1,035,273
SEPTEMBER	1,091,477	174,985	916,492	42,135	-	314	874,044	2,736	1,046,293
OCTOBER	1,533,864	257,263	1,276,602	43,539	-	166	1,232,897	4,073	1,486,087
NOVEMBER	3,223,604	456,433	2,767,171	42,135	-	-	2,725,036	10,690	3,170,780
DECEMBER	5,832,919	774,327	5,058,592	43,539	-	-	5,015,053	20,448	5,768,932
JANUARY 2020	10,559,125	1,234,229	9,324,896	43,539	-	-	9,281,357	38,981	10,476,604
FEBRUARY	8,924,376	1,044,461	7,879,914	40,730	-	-	7,839,184	32,245	8,851,401
MARCH	7,098,135	837,908	6,260,227	43,539	-	-	6,216,688	24,915	7,029,681
APRIL	4,587,430	527,883	4,059,547	42,135	-	-	4,017,412	15,663	4,529,632
MAY	2,060,069	270,365	1,789,705	43,539	-	-	1,746,166	5,991	2,010,539
TOTAL	48,486,548	6,164,866	42,321,682	514,397	14,076	1,607	41,791,602	165,450	47,791,019

**Projected Applicable Fuel Expense
SUMMARY
FY 2018-2019 3rd Quarter Filing**

	JUNE 2019	JULY 2019	AUGUST 2019	SEPTEMBER 2019	OCTOBER 2019	NOVEMBER 2019	DECEMBER 2019	JANUARY 2020	FEBRUARY 2020	MARCH 2020	APRIL 2020	MAY 2020	TOTAL
NATURAL GAS BILLED													
DEMAND CHARGE	\$ 7,199,877	\$ 7,197,841	\$ 7,195,875	\$ 5,907,971	\$ 5,883,721	\$ 6,295,102	\$ 6,615,333	\$ 6,614,183	\$ 6,653,958	\$6,559,860	\$5,900,045	\$5,855,838	\$77,859,202
COMMODITY CHARGE	\$ 6,264,137	\$ 6,468,709	\$ 6,527,513	\$ 8,043,485	\$ 10,856,464	\$ 11,213,558	\$ 13,011,044	\$ 12,951,075	\$ 11,963,649	\$9,046,556	\$10,433,886	\$9,685,830	\$116,475,705
TOTAL NATURAL GAS BILLED	\$13,463,814	\$13,666,349	\$13,723,388	\$13,951,456	\$16,720,185	\$17,508,659	\$19,626,377	\$19,565,257	\$18,617,807	\$15,606,416	\$16,333,732	\$15,541,668	\$194,334,907
INTERRUPTIBLE & A/C CREDIT	\$ 113,831	\$ 119,491	\$ 121,018	\$ 115,507	\$ 122,545	\$ 116,561	\$ 126,969	\$ 128,765	\$ 119,218	\$123,069	\$110,769	\$106,268	\$1,424,007
SENDOUT VOLUME IN MCF	43,589	45,337	45,672	43,716	45,010	43,393	44,839	44,839	41,946	44,839	43,393	44,839	531,414
DKT CONVERSION FACTOR	1.036	1.036	1.036	1.036	1.036	1.036	1.036	1.036	1.036	1.036	1.036	1.036	1.036
PRICE \$/DKT	\$ 2.5207	\$ 2.5440	\$ 2.5576	\$ 2.5504	\$ 2.6280	\$ 2.5828	\$ 2.7332	\$ 2.7719	\$ 2.7434	\$2.6483	\$2.4640	\$2.2876	
GAS USED FOR UTILITY	\$24,574	\$26,982	\$34,906	\$26,527	\$54,460	\$116,252	\$228,956	\$367,595	\$474,420	\$543,211	\$564,010	\$547,561	\$3,009,434
NATURAL GAS TO STORAGE	\$ (3,904,759)	\$ (4,087,395)	\$ (4,112,804)	\$ (5,458,589)	\$ (4,703,943)	\$ -	\$ (3,040,484)	\$ (6,061,869)	\$ (31,369,943)				
FROM STORAGE PGW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 105,059	\$ 7,861,797	\$ 12,068,557	\$ 9,599,285	\$ 7,579,718	\$812,517	\$0	\$37,826,833
FT FROM STORAGE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,815	\$ 412,183	\$ 833,105	\$ 412,240	\$121,086	\$0	\$0	\$1,564,229
NET NATURAL GAS STORAGE	(\$3,904,759)	(\$4,087,395)	(\$4,112,804)	(\$5,458,589)	(\$4,703,943)	\$105,059	\$7,861,797	\$12,068,557	\$9,599,285	\$7,579,718	(\$2,427,967)	(\$6,061,869)	\$6,456,990
LNG TO STORAGE	\$ (15,966)	\$ -	\$ -	\$ (8,148)	\$ (429,480)	\$ (928,351)	\$ (983,604)	\$ (969,904)	\$ (927,746)	\$ (1,048,760)	\$ (643,954)	\$ (291,673)	\$ (6,247,585)
FROM LNG PGW	\$ 227,789	\$ 235,374	\$ 235,374	\$ 227,780	\$ 235,233	\$ 236,065	\$ 788,302	\$ 1,257,448	\$ 824,168	\$253,868	\$245,363	\$252,788	\$5,019,651
FT FROM LNG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0
NET LNG STORAGE	\$211,823	\$235,374	\$235,374	\$219,631	(\$194,247)	(\$692,285)	(\$175,302)	\$267,544	(\$103,578)	(\$794,791)	(\$398,591)	(\$36,885)	(\$1,227,934)
LNG SALES FROM LNG TANK	\$ 13,706	\$ 14,161	\$ 14,161	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0	\$0	\$0	\$42,028
SENDOUT VOLUMES (MCF)	4,590	4,743	4,743	-	-	-	-	-	-	0	0	0	14,076
@ AVG LNG COMMODITY RATE	\$ 2.9660	\$ 2.9857	\$ 2.9857	\$ 2.9857	\$ 2.9856	\$ 2.9828	\$ 2.9824	\$ 2.9937	\$ 3.0085	\$3.0163	\$3.0210	\$3.0095	
NET NATURAL GAS EXPENSE	\$9,608,768	\$9,673,715	\$9,675,772	\$8,570,466	\$11,644,989	\$16,688,620	\$26,956,947	\$31,404,999	\$27,519,675	\$21,725,063	\$12,832,396	\$8,787,085	\$195,088,494
APPLICABLE GCR EXPENSE													
NET NATURAL GAS EXPENSE	\$9,608,768	\$9,673,715	\$9,675,772	\$8,570,466	\$11,644,989	\$16,688,620	\$26,956,947	\$31,404,999	\$27,519,675	\$21,725,063	\$12,832,396	\$8,787,085	\$195,088,494
PURCHASED ELECTRIC & MISC PLANALYTICS	\$ 24,980	\$ 39,374	\$ 30,828	\$ 31,659	\$ 31,955	\$ 44,299	\$ 54,208	\$ 70,713	\$ 56,501	\$54,723	\$50,085	\$36,548	\$527,974
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$125,000	\$0	\$0	\$0	\$0	\$125,000
TOTAL APPLICABLE EXPENSES	\$9,633,748	\$9,713,089	\$9,706,700	\$8,602,125	\$11,676,945	\$16,732,919	\$27,011,155	\$31,600,712	\$27,576,177	\$21,779,786	\$12,862,480	\$8,823,633	\$195,741,469
TOTAL GCR FIRM SALES	1,046,327	938,932	858,505	874,044	1,232,897	2,725,036	5,015,053	9,281,357	7,839,184	6,216,688	4,017,412	1,746,166	41,791,602

**ACTUAL / ESTIMATED DATA - FISCAL YEAR 2019
PHILADELPHIA GAS WORKS**

Rate	7/1/2018	Split Month 9/1/2018	10/1/2018	Split Month 12/1/2018	1/1/2019	Split Month 3/1/2019	4/1/2019	Split Month 6/1/2019	7/1/2019
	SSC in Effect	\$ 3.6317	\$ 3.8931	\$ 4.1544	\$ 4.4303	\$ 4.7062	\$ 4.8402	\$ 4.9742	\$ 4.6622
GAC in Effect	\$ (0.0091)	\$ (0.1493)	\$ (0.2894)	\$ (0.2571)	\$ (0.2247)	\$ (0.1576)	\$ (0.0904)	\$ (0.0821)	\$ (0.0737)
IRC in Effect	\$ (0.0016)	\$ (0.0017)	\$ (0.0017)	\$ (0.0055)	\$ (0.0092)	\$ (0.0076)	\$ (0.0059)	\$ (0.0050)	\$ (0.0040)
Total Effective	\$ 3.6210	\$ 3.7422	\$ 3.8633	\$ 4.1678	\$ 4.4723	\$ 4.6751	\$ 4.8779	\$ 4.5752	\$ 4.2724
Percentage of Total									
C-Factor	100.3%	104.0%	107.5%	106.3%	105.2%	103.5%	102.0%	101.9%	101.8%
E-Factor	-0.3%	-4.0%	-7.5%	-6.2%	-5.0%	-3.4%	-1.9%	-1.8%	-1.7%
IRC-Factor	0.0%	0.0%	0.0%	-0.1%	-0.2%	-0.2%	-0.1%	-0.1%	-0.1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

C-Factor									
Demand Charge in Effect	\$ 0.8835	\$ 1.0108	\$ 1.1382	\$ 1.3801	\$ 1.6221	\$ 1.4761	\$ 1.3300	\$ 1.3374	\$ 1.3448
Commodity in Effect	\$ 2.7482	\$ 2.8822	\$ 3.0162	\$ 3.0502	\$ 3.0841	\$ 3.3642	\$ 3.6442	\$ 3.3321	\$ 3.0199
Total Effective	\$ 3.6317	\$ 3.8930	\$ 4.1544	\$ 4.4303	\$ 4.7062	\$ 4.8402	\$ 4.9742	\$ 4.6695	\$ 4.3647
Percentage of Total									
Demand Charge in Effect	24.3%	26.0%	27.4%	31.2%	34.5%	30.5%	26.7%	28.6%	30.8%
Commodity in Effect	75.7%	74.0%	72.6%	68.8%	65.5%	69.5%	73.3%	71.4%	69.2%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

	C-Factor Over/(Under)	E-Factor Over/(Under)	Interest Over/(Under)	FY 2018 Final E-Factor
Fiscal Year 2018 E-Factor	\$ 10,484,734	\$ 379,812	\$ 571,436	\$ 11,435,982

Actual Fiscal Year 2018-2019	Sep-2018 Actual	Oct-2018 Actual	Nov-2018 Actual	Dec-2018 Actual	Jan-2019 Actual	Feb-2019 Actual	Mar-2019 Actual	Apr-2019 Actual
GCR Firm Sales	928,526	1,244,665	3,698,101	6,380,788	7,770,814	8,247,721	6,730,403	3,651,708
Migration Rider Sales	-	-	-	-	-	-	-	-
GCR Revenue Billed	\$ 3,506,061	\$ 4,806,212	\$ 14,283,132	\$ 26,740,211	\$ 34,724,140	\$ 36,895,836	\$ 31,659,890	\$ 17,799,650
Migration Rider Revenue Billed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Load Balancing Billed	\$ 118,414	\$ 111,261	\$ 113,201	\$ 132,144	\$ 138,673	\$ 138,538	\$ 143,923	\$ 195,309
LNG Sales Demand Charge Credit	\$ 854	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,232	\$ -
Total Revenue Billed	\$ 3,625,329	\$ 4,917,473	\$ 14,396,333	\$ 26,872,356	\$ 34,862,813	\$ 37,034,375	\$ 31,806,045	\$ 17,994,959
Natural Gas Refunds	\$ -	\$ 2,638	\$ 210	\$ -	\$ -	\$ -	\$ -	\$ -
Demand Charges	\$ 4,826,933	\$ 4,889,826	\$ 3,967,485	\$ 3,966,548	\$ 3,964,756	\$ 3,863,160	\$ 4,923,422	\$ 5,880,654
Supply Charges	\$ 1,979,702	\$ 7,004,905	\$ 18,822,275	\$ 27,771,827	\$ 30,273,531	\$ 21,932,903	\$ 18,466,863	\$ 6,393,363
Net Cost of Fuel	\$ 6,806,635	\$ 11,894,731	\$ 22,789,760	\$ 31,738,375	\$ 34,238,287	\$ 25,796,063	\$ 23,390,285	\$ 12,274,017

*Revised

**FISCAL YEAR 2019
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	3	4 = (2 * 3)	5	6	7 = (4 + 5 + 6)	8	9 = (7 + 8 - 1)	10
	(\$)	(\$)		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 2018	6,806,635	3,506,061	104.0%	3,647,441	118,414	854	3,766,708	0	(3,039,927)	(3,039,927)
OCTOBER	11,894,731	4,806,212	107.5%	5,168,361	111,261	0	5,279,622	2,638	(6,612,471)	(9,652,398)
NOVEMBER	22,789,760	14,283,132	107.5%	15,359,367	113,201	0	15,472,568	210	(7,316,982)	(16,969,380)
DECEMBER	31,738,375	26,740,211	106.3%	28,424,386	132,144	0	28,556,531	0	(3,181,844)	(20,151,224)
JANUARY 2019	34,238,287	34,724,140	105.2%	36,540,203	138,673	0	36,678,876	0	2,440,589	(17,710,635)
FEBRUARY	25,796,063	36,895,836	105.2%	38,825,478	138,538	0	38,964,016	0	13,167,953	(4,542,682)
MARCH	23,390,285	31,669,890	103.5%	32,777,952	143,923	2,232	32,924,106	0	9,533,821	4,991,140
APRIL	12,274,017	17,799,650	102.0%	18,151,053	195,309	0	18,346,362	0	6,072,345	11,063,485

**FISCAL YEAR 2019
PHILADELPHIA GAS WORKS
E-FACTOR RECONCILIATION**

		GCR SALES 1	TOTAL E-FACTOR VOLUMES 2	TOTAL GCR REVENUE BILLED 3	E-FACTOR % of GCR 4	E-FACTOR GCR REVENUE BILLED 5=(3 * 4)	OVER/(UNDER) PROJECTED RECOVERY 6
		(MCF)	(MCF)	(\$)		(\$)	(\$)
PRIOR YEAR E-FACTOR							\$ 11,435,982
MONTH							
SEPTEMBER 2018	Actual	928,526	928,526	\$ 3,506,061	-4.0%	\$ (139,834)	\$ 11,296,148
OCTOBER	Actual	1,244,665	1,244,665	\$ 4,806,212	-7.5%	\$ (360,034)	\$ 10,936,115
NOVEMBER	Actual	3,698,101	3,698,101	\$ 14,283,132	-7.5%	\$ (1,069,950)	\$ 9,866,165
DECEMBER	Actual	6,380,788	6,380,788	\$ 26,740,211	-6.2%	\$ (1,649,209)	\$ 8,216,956
JANUARY 2019	Actual	7,770,814	7,770,814	\$ 34,724,140	-5.0%	\$ (1,744,631)	\$ 6,472,325
FEBRUARY	Actual	8,247,721	8,247,721	\$ 36,895,836	-5.0%	\$ (1,853,743)	\$ 4,618,582
MARCH	Actual	6,730,403	6,730,403	\$ 31,659,890	-3.4%	\$ (1,066,932)	\$ 3,551,649
APRIL	Actual	3,651,708	3,651,708	\$ 17,799,650	-1.9%	\$ (329,873)	\$ 3,221,776
MAY	Estimated	1,485,891	1,485,891	\$ 7,248,028	-1.9%	\$ (134,325)	\$ 3,087,452
						5 = (Col 1 * -1.0857)	
JUNE	Estimated	1,046,327	1,046,327	\$ 4,787,102		\$ (1,135,988)	
JULY	Estimated	938,932	938,932	\$ 4,011,493		\$ (1,019,391)	
AUGUST	Estimated	858,505	858,505	\$ 3,667,879		\$ (932,072)	
TOTAL		2,843,764	2,843,764	\$ 12,466,473		(3,087,452)	
June 1, 2019 E-FACTOR		-1.0857					

**FISCAL YEAR 2019
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 2018	3,506,061	-0.04%	(1,546)
OCTOBER	4,806,212	-0.04%	(2,115)
NOVEMBER	14,283,132	-0.04%	(6,285)
DECEMBER	26,740,211	-0.13%	(34,967)
JANUARY 2019	34,724,140	-0.21%	(71,431)
FEBRUARY	36,895,836	-0.21%	(75,899)
MARCH	31,659,890	-0.16%	(51,129)
APRIL	17,799,650	-0.12%	(21,529)

**FISCAL YEAR 2019
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 2018	4,707,666	938,578	(3,769,087)	(3,769,087)
OCTOBER	4,778,565	1,416,618	(3,361,947)	(7,131,035)
NOVEMBER	3,854,284	4,209,001	354,716	(6,776,318)
DECEMBER	3,834,404	8,806,291	4,971,887	(1,804,431)
JANUARY 2019	3,826,083	12,605,037	8,778,954	6,974,524
FEBRUARY	3,724,622	13,378,628	9,654,007	16,628,530
MARCH	4,777,267	9,934,411	5,157,144	21,785,674
APRIL	5,685,345	4,856,772	(828,573)	20,957,101

INTERRUPTIBLE REVENUE CREDIT
June 1, 2019

Fiscal Year 2018 Reconciliation (8/31/18) \$ 18,323

<u>MONTH</u>	<u>IRC CREDIT</u>	<u>MARGIN</u>
September-18	Actual \$ (1,546)	\$ 568
October	Actual \$ (2,115)	\$ 620
November	Actual \$ (6,285)	\$ 1,302
December	Actual \$ (34,967)	\$ 2,102
January-19	Actual \$ (71,431)	\$ 983
February	Actual \$ (75,899)	\$ 385
March	Actual \$ (51,129)	\$ 285
April	Actual \$ (21,529)	\$ (104)
May	Estimated \$ (8,767)	\$ 32,746

Act/Est IRC Credit September 2018 to May 2019 \$ (273,668)

Act/Est Margin September 2018 to May 2019 \$ 38,888 \$ 38,888

FY 2018 Reconciliation Plus Act/Est Margin September 2018 to May 2019 \$ 57,211

FY 2018 Reconciliation Plus Act/Est Margin September 2018 to May 2019 \$ 57,211

Act/Est IRC Credit September 2018 to May 2019 \$ (273,668)

Reconciliation as of May 31, 2019 \$ (216,457)

Margin - June 2019 through May 2020 \$ 385,797 Schedule 5(b)

June 1, 2019 Interruptible Revenue Credit \$ 169,340

GCR Firm Sales 41,791,602 Schedule 2

June 1, 2019 IRC/Mcf \$ 0.0041

INTERRUPTIBLE REVENUE MARGIN
3RD QTR FILING

<u>MONTH</u>		<u>MARGIN</u>
June-19	Estimated	\$ 31,688
July	Estimated	\$ 32,743
August	Estimated	\$ 32,742
September	Estimated	\$ 31,600
October	Estimated	\$ 32,654
November	Estimated	\$ 31,600
December	Estimated	\$ 32,656
January-20	Estimated	\$ 32,656
February	Estimated	\$ 30,548
March	Estimated	\$ 32,656
April	Estimated	\$ 31,599
May	Estimated	\$ 32,655
Total		\$ <u>385,797</u>

CALCULATION OF RECOVERED CHARGES

3rd Qtr Filing

June 1, 2019

	<u>50% June</u>	<u>11.5 Months</u>	<u>Total</u>
			(MCF) (\$)
S - Firm Sales (Mcf)	523,163	41,268,439	41,791,602
C-Factor	\$ 4.9742	\$ 4.3501	
Projected Recovery	2,602,319	179,521,835	\$ 182,124,154
S - Firm Sales (Mcf)	523,163	41,268,439	41,791,602
IRC-Factor	\$ (0.0059)	\$ (0.0040)	
Projected Recovery	(3,087)	(165,074)	\$ (168,160)
E-Factor Volumes (Mcf)	523,163	41,268,439	41,791,602
E-Factor	\$ (0.0904)	\$ (0.0737)	
Projected Recovery	(47,294)	(3,041,484)	\$ (3,088,778)
GCR (\$ / Mcf)	\$ 4.8779	\$ 4.2724	
GCR Projected Recovery			\$ 178,867,216
Load Balancing Revenue			\$ 2,529,881
LNG Sales Demand Revenue			\$ 22,406
TOTAL PROJECTED RECOVERY			\$ 181,419,503

Change In Rates
3rd Quarter Filing
Rates Effective June 1, 2019

Current Rates

	03/01/19 <u>Distribution Charge</u> (1)	03/01/19 <u>GCR</u> (2)	03/01/19 <u>MFC</u> (3)	03/01/19 <u>GPC</u> (4)	03/01/19 <u>Commodity</u> <u>Rate</u> (5)=(1)+(2)+(3)+(4)
Residential GS	\$8.6539	\$4.8779	\$0.1834	\$0.0400	\$13.7552
Commercial GS	\$6.8409	\$4.8779	\$0.0302	\$0.0400	\$11.7890
Industrial GS	\$6.6675	\$4.8779	\$0.0190	\$0.0400	\$11.6044
Phila.Housing Authority (PHA)	\$6.9921	\$4.8779	\$0.0000	\$0.0400	\$11.9100
Municipal (MS)	\$6.2076	\$4.8779	\$0.0000	\$0.0400	\$11.1255
Phila.Housing Authority (GS)	\$7.6677	\$4.8779	\$0.0000	\$0.0400	\$12.5856

June 1, 2019 - Distribution Charge

	<u>Delivery</u> <u>Delivery</u> <u>Charge</u> (6)	<u>Surcharges</u>				<u>Total</u> <u>Total</u> <u>Surcharges</u> (11)=(7)+(8)+(9)+(10)	<u>Distribution</u> <u>Charge / Mcf</u> (12)=(11)+(6)
		<u>Other Post</u> <u>Employment</u> <u>Benefit</u> (7)	<u>Efficiency</u> <u>Cost</u> <u>Recovery</u> (8)	<u>Universal</u> <u>Service &</u> <u>Ener. Cons.</u> (9)	<u>Restructuring &</u> <u>Consumer</u> <u>Education</u> (10)		
Residential GS	\$6.6967	\$0.3094	\$0.0053	\$1.3014	\$0.0000	\$1.6161	\$8.3128
Commercial GS	\$4.8651	\$0.3094	\$0.0642	\$1.3014	\$0.0000	\$1.6750	\$6.5401
Industrial GS	\$4.7698	\$0.3094	(\$0.0299)	\$1.3014	\$0.0000	\$1.5809	\$6.3507
Phila.Housing Authority (PHA)	\$5.0163	\$0.3094	\$0.0642	\$1.3014	\$0.0000	\$1.6750	\$6.6913
Municipal (MS)	\$4.2723	\$0.3094	\$0.0000	\$1.3014	\$0.0000	\$1.6108	\$5.8831
Phila.Housing Authority (GS)	\$5.7105	\$0.3094	\$0.0053	\$1.3014	\$0.0000	\$1.6161	\$7.3266

Proposed Rates

	06/01/19 <u>Distribution Charge</u> (12)	06/01/19 <u>GCR</u> (13)	06/01/19 <u>MFC</u> (14)	06/01/19 <u>GPC</u> (15)	06/01/19 <u>Commodity</u> <u>Rate</u> (16)=(12)+(13)+(14)+(15)	<u>Difference</u> (17)=(16)-(5)
Residential GS	\$8.3128	\$4.2724	\$0.1606	\$0.0400	\$12.7858	(\$0.9694)
Commercial GS	\$6.5401	\$4.2724	\$0.0265	\$0.0400	\$10.8790	(\$0.9100)
Industrial GS	\$6.3507	\$4.2724	\$0.0167	\$0.0400	\$10.6798	(\$0.9246)
Phila.Housing Authority (PHA)	\$6.6913	\$4.2724	\$0.0000	\$0.0400	\$11.0037	(\$0.9063)
Municipal (MS)	\$5.8831	\$4.2724	\$0.0000	\$0.0400	\$10.1955	(\$0.9300)
Phila.Housing Authority (GS)	\$7.3266	\$4.2724	\$0.0000	\$0.0400	\$11.6390	(\$0.9466)

PHILADELPHIA GAS WORKS
JUNE 1,2019
UNIVERSAL SERVICE & ENERGY CONSERVATION SURCHARGE

	<u>Expenses in the Surcharge</u>
Enhanced Low Income Retrofit Program (ELIRP)	\$ 8,901,251
Customer Responsibility Program (CRP)	\$ 47,464,962
Senior Citizen Discount *	\$ 2,318,895
<u>May 2019 Under Collection</u>	<u>\$ 3,511,209</u>
Total \$ to be Recovered	\$ 62,196,318
Total Applicable Volumes	Mcf \$ 47,791,019
Universal Service & Energy Conservation Surcharge	<u>\$ 1.3014</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 \$2,547,760.

**STATEMENT OF RECONCILIATION
UNIVERSAL SERVICES & ENERGY CONSERVATION SURCHARGE
SEPTEMBER 2018 THROUGH MAY 2019**

Month	USC Applicable Volumes	USC Charge	USC Revenue Billed	USC Expenses	Monthly Over/(Under) Recovery	Cumulative Over/(Under) Recovery (\$3,768,661)
FY 18 Reconciliation						
September 2018	Actual 1,098,293	\$ 1,5434	\$ 1,695,106	\$ (1,676,979)	\$ 3,572,085	(\$196,596)
October	Actual 1,511,566	\$ 1,4438	\$ 2,182,385	\$ 335,100	\$ 1,847,285	\$1,650,689
November	Actual 4,238,857	\$ 1,4438	\$ 6,120,062	\$ 4,723,978	\$ 1,396,083	\$3,046,772
December **	Actual 7,139,390	\$ 1,2811	\$ 9,145,918	\$ 9,136,000	\$ 9,916	\$3,056,689
January 2019	Actual 9,743,671	\$ 1,1183	\$ 10,896,347	\$ 14,467,024	\$ (3,570,676)	(\$513,986)
February	Actual 9,701,525	\$ 1,1183	\$ 10,849,216	\$ 13,692,448	\$ (2,843,232)	(\$3,357,220)
March	Actual 7,534,016	\$ 1,3721	\$ 10,337,423	\$ 12,166,961	\$ (1,829,557)	(\$5,186,777)
April	Actual 4,136,061	\$ 1,6259	\$ 6,726,284	\$ 7,020,671	\$ (294,367)	(\$5,481,164)
May	Estimated 1,737,563	\$ 1,6259	\$ 2,825,103	\$ 855,149	\$ 1,969,954	(\$3,511,209)

USC Expenses	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19
ELIRP Expense	\$ 4,554	\$ 797,695	\$ 437,794	\$ 204,587	\$ 1,482,413	\$ 568,324	\$ 1,025,945	\$ 593,420	\$ 831,069
ELIRP Labor	\$ 16,281	\$ 12,936	\$ 21,293	\$ 14,951	\$ 15,288	\$ 15,362	\$ 19,488	\$ 17,346	\$ 24,149
CRP Discount	\$ (1,871,956)	\$ (1,297,656)	\$ 3,126,211	\$ 7,808,615	\$ 11,588,988	\$ 11,907,633	\$ 9,811,597	\$ 5,175,059	\$ (1,143,665)
CRP Forgiveness	\$ (109,542)	\$ 711,525	\$ 862,430	\$ 963,925	\$ 812,018	\$ 637,832	\$ 836,884	\$ 934,174	\$ 1,023,215
Senior Citizen Discount	\$ 83,684	\$ 110,598	\$ 274,251	\$ 443,922	\$ 568,317	\$ 573,297	\$ 473,067	\$ 300,673	\$ 120,381
Bad Debt Expense Offset*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ (1,876,979)	\$ 335,100	\$ 4,723,978	\$ 9,136,000	\$ 14,467,024	\$ 13,692,448	\$ 12,166,961	\$ 7,020,671	\$ 855,149

CRP Participation	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19
Rate Case Participation Rate	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000
Actual Participation Rate*	48,110	49,465	50,609	51,885	52,051	52,459	54,455	54,806	54,806
CRP Under(Over) Participation	11,890	10,535	9,391	8,115	7,949	7,541	5,545	5,194	5,194
Average Shortfall Per CRP Participant									
CRP Discount	\$ (1,871,956)	\$ (1,297,656)	\$ 3,126,211	\$ 7,808,615	\$ 11,588,988	\$ 11,907,633	\$ 9,811,597	\$ 5,175,059	\$ 5,175,059
Actual Participation Rate	48,110	49,465	50,609	51,885	52,051	52,459	54,455	54,806	54,806
Average Shortfall per CRP Participant	\$ (39)	\$ (26)	\$ 62	\$ 150	\$ 223	\$ 227	\$ 180	\$ 94	\$ 94
Shortfall*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bad Debt Expense Offset*	7.5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

*Bad Debt Expense Offset Applicable When Actual CRP Participation Exceeds 60,000
**Revised

EFFICIENCY COST RECOVERY (ECR) SURCHARGE
June 1, 2019

<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	\$761,632	\$63,058	\$638	\$825,327
Labor Expense	\$23,544	\$1,677	\$15	\$25,236
Commercial & Industrial Retrofit Incentive (CIRI)				
Program Expense	\$139,107	\$312,436	\$0	\$451,543
Labor Expense	\$3,284	\$9,893	\$0	\$13,177
Commercial & Industrial Equipment Rebate (CIER)				
Program Expense	\$3,864	\$422,526	\$25,291	\$451,681
Labor Expense	\$91	\$8,461	\$597	\$9,149
High-Efficiency Construction Incentive (HECI)				
Program Expense	\$125,840	\$251,590	\$0	\$377,431
Labor Expense	\$2,796	\$5,061	\$0	\$7,857
Comprehensive Residential Retrofit Incentive (CRRI)				
Program Expense	\$0	\$0	\$0	\$0
Labor Expense	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Total Expense	\$1,060,158	\$1,074,702	\$26,541	\$2,161,402
Prior Period Reconciliation (5/31/19)	<u>\$ (873,665)</u>	<u>\$ (364,668)</u>	<u>\$ (53,914)</u>	<u>\$ (1,292,247)</u>
Total	\$186,493	\$710,034	-\$27,373	\$869,154
Volumes - Mcf (GCR Firm & Firm Transportation)	34,946,511	11,056,157	915,444	

Efficiency Cost Recovery Surcharge / Mcf	\$0.0053	\$0.0642	(\$0.0299)
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**EFFICIENCY COST RECOVERY (ECR) SURCHARGE
STATEMENT OF RECONCILIATION
FISCAL YEAR 2019**

		Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Estimated May-19
RESIDENTIAL & PHA GS										
FY 2018 Over-Collection	\$	402,656								
Volume Billed		692,388	935,081	3,022,500	5,368,087	6,553,283	7,019,813	5,899,061	3,093,560	1,178,243
ECR Surcharge	\$	0.0189	0.0198	0.0198	0.0250	0.0301	0.0301	0.0260	0.0219	0.0219
Revenue Billed	\$	13,052	18,515	59,846	133,933	197,254	211,296	148,176	67,749	25,804
RHER	Expense	406	14,240	13,304	36,421	81,188	54,380	63,986	60,851	49,906
RHER	Labor	1,451	1,153	(1,465)	1,333	1,363	1,678	1,773	1,578	3,033
HECI	Expense	82	1,656	(1,738)	6,912	16,275	(16,199)	2,135	3,101	5,655
HECI	Labor	292	232	(524)	268	274	(350)	58	51	95
CRRI	Expense	-	-	-	-	-	-	-	-	-
CRRI	Labor	-	-	-	-	-	-	-	-	-
CIRI	Expense	60	116	(122)	9,882	295	(10,231)	-	-	-
CIRI	Labor	218	171	(387)	198	203	(401)	-	-	-
CIER	Expense	1	49	(50)	43	455	(498)	-	-	-
CIER	Labor	3	2	(6)	3	3	(6)	-	-	-
Total	\$	2,511	17,621	9,013	55,080	100,036	28,352	67,951	65,381	58,689
Monthly Over/(Under)	\$	10,540	894	50,833	78,873	97,218	182,944	80,224	2,368	(32,886)
Cumulative Over/(Under)	\$	413,196	414,090	464,923	543,796	641,014	823,958	904,183	906,551	873,665
COMMERCIAL & PHA										
FY 2018 Over-Collection	\$	355,727								
Volume Billed		363,598	520,371	1,059,369	1,515,558	1,873,082	1,859,051	1,573,185	900,048	494,413
ECR Surcharge	\$	0.0503	0.0529	0.0529	0.0470	0.0411	0.0411	0.0408	0.0405	0.0405
Revenue Billed	\$	18,289	27,528	56,041	71,231	76,983	76,407	64,185	36,452	20,024
RHER	Expense	22	764	(786)	1,955	4,356	485	2,169	2,056	1,892
RHER	Labor	78	62	(140)	72	73	42	60	53	103
CRRI	Expense	-	-	-	-	-	-	-	-	-
CRRI	Labor	-	-	-	-	-	-	-	-	-
CIRI	Expense	99	189	(199)	16,139	482	9,701	7,463	7,454	28,414
CIRI	Labor	352	280	(632)	324	331	74	680	605	1,510
CIER	Expense	139	7,836	24,635	6,959	73,102	28,300	18,078	14,985	45,018
CIER	Labor	499	396	433	458	488	1,833	615	547	558
HECI	Expense	25	513	16,530	2,139	5,037	24,386	14,855	21,581	39,353
HECI	Labor	90	72	537	83	85	474	400	356	660
Total	\$	1,304	10,112	40,378	28,128	83,935	85,076	44,319	47,638	117,308
Monthly Over/(Under)	\$	16,985	17,416	15,662	43,103	(6,952)	11,331	19,886	(11,186)	(97,284)
Cumulative Over/(Under)	\$	372,712	390,128	405,790	448,893	441,941	453,273	473,139	461,952	364,668
INDUSTRIAL										
FY 2018 Over-Collection	\$	77,349								
Volume Billed		30,295	43,389	89,550	119,894	153,457	142,280	117,521	67,107	41,336
ECR Surcharge	\$	0.0531	0.0586	0.0586	(0.0075)	(0.0718)	(0.0718)	(0.0546)	(0.0376)	(0.0376)
Revenue Billed	\$	1,809	2,456	5,069	(899)	(10,988)	(10,187)	(6,417)	(2,523)	(1,564)
RHER	Expense	0	17	(17)	43	95	(138)	-	-	-
RHER	Labor	2	1	(3)	2	2	(3)	-	-	-
CIRI	Expense	-	-	-	-	-	-	-	-	-
CIRI	Labor	-	-	-	-	-	-	-	-	-
CIER	Expense	3	187	(180)	168	1,742	(1,908)	-	-	-
CIER	Labor	12	9	(21)	11	11	(22)	-	-	-
Total	\$	17	214	(232)	221	1,850	(2,071)	-	-	-
Monthly Over/(Under)	\$	1,591	2,242	5,300	(1,120)	(12,837)	(8,118)	(6,417)	(2,523)	(1,554)
Cumulative Over/(Under)	\$	78,940	81,182	86,482	85,362	72,524	64,408	57,991	55,468	53,914

*Revised

**PHILADELPHIA GAS WORKS
LOAD BALANCING CHARGE
JUNE 1, 2019**

Storage and Peaking Asset Cost	\$ 22,190,981
Design Day Requirements (Mcf)	695,932
Fulfilled from FT Capacity (Mcf)	<u>296,713</u>
Fulfilled from Storage and Peaking Assets (Excess Mcf)	399,219
Annual Storage and Peaking Cost per Excess Mcf	\$ 55.5860
Per Mcf Over / (Under) Adjustment	\$ <u>(0.1135)</u>
Load Balancing Charge	\$ 55.6995

Over / (Under) Recovery	\$ (56,749)
Interest	\$ <u>(5,091)</u>
Total Over/(Under) Recovery	\$ (61,840)
Forecasted SSPC Volumes	545,042
Per Mcf Over / (Under) Adjustment	\$ (0.1135)

Natural Gas Prices Used for PGW's - FY 2018-2019 - 3rd Quarter GCR Filing

Basis Differentials

	TRANSCO				TETCO							NYMEX	TRANSCO									
	Sta 30	Sta 45	Sta 65	Sta 85	Zone 6-Non-NY	ELA	WLA	STX	M-1	M-2	Dom.S.Pt.	Futures 05/03/19 Close	Sta 30	Sta 45	Sta 65	Sta 85	Zone 6-Non-NY	ELA	WLA	STX	M-1	M-2
May-19					0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.566	2.49	2.55	2.50	2.50	2.20	2.42	2.47	2.47	2.45	2.11
Jun-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.567	2.46	2.43	2.55	2.56	2.64	2.51	2.49	2.44	2.47	2.36
Jul-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.600	2.49	2.46	2.58	2.59	2.67	2.54	2.52	2.47	2.50	2.39
Aug-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.21)	(0.42)	2.616	2.51	2.48	2.60	2.61	2.69	2.56	2.54	2.49	2.52	2.41
Sep-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.613	2.50	2.47	2.59	2.60	2.68	2.55	2.53	2.48	2.51	2.47
Oct-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.647	2.54	2.51	2.63	2.64	2.72	2.59	2.57	2.52	2.55	2.51
Nov-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.725	2.62	2.59	2.71	2.72	2.80	2.67	2.65	2.60	2.63	2.59
Dec-19	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.883	2.77	2.74	2.86	2.87	2.95	2.82	2.80	2.75	2.78	2.74
Jan-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.968	2.86	2.83	2.95	2.96	3.04	2.91	2.89	2.84	2.87	2.83
Feb-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.922	2.81	2.78	2.90	2.91	2.99	2.86	2.84	2.79	2.82	2.78
Mar-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.808	2.70	2.67	2.79	2.80	2.88	2.75	2.73	2.68	2.71	2.67
Apr-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.564	2.45	2.42	2.54	2.55	2.63	2.50	2.48	2.43	2.46	2.42
May-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.530	2.42	2.39	2.51	2.52	2.60	2.47	2.45	2.40	2.43	2.39
Jun-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.560	2.45	2.42	2.54	2.55	2.63	2.50	2.48	2.43	2.46	2.42
Jul-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.592	2.48	2.45	2.57	2.58	2.66	2.53	2.51	2.46	2.49	2.45
Aug-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.600	2.49	2.46	2.58	2.59	2.67	2.54	2.52	2.47	2.50	2.46

Actual Natural Gas Billed

	<u>Jan-19</u>	<u>Feb-19</u>	<u>Mar-19</u>
Williams	\$ 2,286,341.80	\$ 2,041,747.55	\$ 3,178,654.12
Texas Eastern	\$ 1,551,813.20	\$ 1,717,500.95	\$ 1,564,313.80
Dominion	\$ 137,432.84	\$ 132,779.92	\$ 127,880.56
Equitrans	\$ -	\$ -	\$ -
Spot Purchases -Transco	\$ 45,948.75	\$ 53,500.45	\$ 83,403.37
Spot Purchases -Tetco	\$ -	\$ -	\$ -
Transco Supply2	\$ 1,066,400.00	\$ 798,000.00	\$ 883,500.00
Transco Supply3	\$ -	\$ -	\$ -
Transco Supply6	\$ 2,249,825.00	\$ 788,200.00	\$ 793,600.00
Transco Supply7	\$ 1,127,625.00	\$ 816,900.00	\$ 876,525.00
Transco Supply8	\$ -	\$ -	\$ -
Transco Supply10	\$ -	\$ -	\$ -
Transco Supply12	\$ -	\$ -	\$ -
Transco Supply14	\$ 1,109,800.00	\$ 835,800.00	\$ 826,150.00
Transco Supply17	\$ -	\$ -	\$ -
Transco Supply20	\$ -	\$ -	\$ -
Transco Supply21	\$ -	\$ -	\$ -
Transco Supply22	\$ -	\$ -	\$ -
Transco Supply23	\$ -	\$ -	\$ -
Transco Supply24	\$ -	\$ -	\$ -
Transco Supply25	\$ -	\$ -	\$ -
Transco Supply26	\$ -	\$ -	\$ -
Transco Supply27	\$ -	\$ -	\$ -
Transco Supply28	\$ -	\$ -	\$ -
Transco Supply29	\$ 525,450.00	\$ 409,850.00	\$ 439,037.50
Transco Supply30	\$ 3,247,076.00	\$ 2,259,438.00	\$ 2,464,376.00
Transco Supply31	\$ -	\$ -	\$ -
Transco Supply32	\$ -	\$ -	\$ -
Transco Supply33	\$ -	\$ -	\$ -
Transco Supply34	\$ 468,670.50	\$ 357,679.00	\$ 389,345.50
Transco Supply35	\$ -	\$ -	\$ -
Transco Supply36	\$ 1,831,362.50	\$ 1,327,350.00	\$ 1,374,862.50
Transco Supply37	\$ -	\$ -	\$ -
Tetco Supply1	\$ -	\$ -	\$ -
Tetco Supply2	\$ -	\$ -	\$ -
Tetco Supply3	\$ 1,047,686.36	\$ 949,250.00	\$ 967,461.30
Tetco Supply4	\$ -	\$ -	\$ -
Tetco Supply5	\$ 634,882.48	\$ 852,600.00	\$ 97,190.43
Tetco Supply7	\$ -	\$ -	\$ -
Tetco Supply13	\$ -	\$ -	\$ -
Tetco Supply14	\$ -	\$ -	\$ -
Tetco Supply16	\$ 1,015,954.68	\$ 748,300.00	\$ 803,675.00
Tetco Supply17	\$ -	\$ -	\$ -
Tetco Supply18	\$ -	\$ -	\$ -
Tetco Supply19	\$ -	\$ -	\$ -
Tetco Supply20	\$ -	\$ -	\$ -
Tetco Supply21	\$ -	\$ -	\$ -
Tetco Supply22	\$ -	\$ -	\$ -
Tetco Supply23	\$ -	\$ -	\$ -
Tetco Supply24	\$ 2,003,685.55	\$ 1,653,750.00	\$ 1,770,150.00
Tetco Supply25	\$ 511,512.17	\$ 376,950.00	\$ 404,733.73
Tetco Supply26	\$ 1,527,478.46	\$ 1,123,500.00	\$ 1,206,675.00
Tetco Supply27	\$ -	\$ -	\$ -
Tetco Supply28	\$ 2,026,962.22	\$ 1,496,600.00	\$ 1,607,350.00
Tetco Supply29	\$ -	\$ -	\$ -
Tetco Supply30	\$ -	\$ -	\$ -
Tetco Supply31	\$ -	\$ -	\$ -
Total Costs	\$ 24,415,908	\$ 18,739,696	\$ 19,858,884
Sharing Mechanism	\$ 403,558	\$ 364,504	\$ 403,558
Asset Management Agreement	\$ -	\$ -	\$ -
Off System Sales	\$ -	\$ -	\$ -
Gas Transportation Purchases	\$ -	\$ -	\$ -
Adjustment/Reconciliation	\$ 192,441	\$ 192,397	\$ (130,433)
Total Natural Gas Billed	\$ 25,011,906	\$ 19,296,597	\$ 20,132,009

**Philadelphia Gas Works
Summary of Fuels Purchased
Three Months Ending March 2019**

	Actual				Total	Projected 2nd Qtr Filing Jan-19	Projected 2nd Qtr Filing Feb-19	Projected 2nd Qtr Filing Mar-19	Total	Actual Over/Under vs Projected			
	Jan-19	Feb-19	Mar-19	Total						Jan-19	Feb-19	Mar-19	Total
Total Natural Gas Billed	\$ 25,011,906	\$ 19,296,597	\$ 20,132,009	\$ 64,440,512	\$ 24,148,116	\$ 19,958,986	\$ 18,616,007	\$ 62,723,111	\$ 863,788	\$ (662,389)	\$ 1,516,002	\$ 1,717,401	
Less Imbalance Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Less Interruptible Credit	\$ 434,588	\$ 72,581	\$ 85,346	\$ 592,515	\$ 147,898	\$ 132,473	\$ 152,773	\$ 433,143	\$ 286,690	\$ (59,892)	\$ (67,427)	\$ 159,372	
Gas Used For Utility	\$ 191,396	\$ 119,383	\$ 101,015	\$ 411,794	\$ 186,170	\$ 282,995	\$ 363,625	\$ 812,789	\$ 25,226	\$ (163,612)	\$ (262,810)	\$ (400,965)	
	\$ 24,385,622	\$ 19,104,633	\$ 19,945,648	\$ 63,436,203	\$ 23,834,051	\$ 19,543,519	\$ 18,099,609	\$ 61,477,179	\$ 551,871	\$ (438,886)	\$ 1,846,039	\$ 1,659,024	
Pipeline Storages													
(To)	\$ (319,818)	\$ (272,946)	\$ (508,528)	\$ (1,101,292)	\$ -	\$ -	\$ (63,216)	\$ (63,216)	\$ (319,818)	\$ (272,946)	\$ (445,312)	\$ (1,038,076)	
From	\$ 8,835,693	\$ 7,241,189	\$ 4,303,585	\$ 20,180,347	\$ 12,657,237	\$ 9,044,718	\$ 8,700,877	\$ 28,402,833	\$ (4,021,644)	\$ (1,803,529)	\$ (2,397,312)	\$ (8,222,489)	
Net Pipeline Storages	\$ 8,315,776	\$ 6,968,243	\$ 3,795,037	\$ 19,079,055	\$ 12,657,237	\$ 9,044,718	\$ 8,637,661	\$ 28,339,617	\$ (4,341,462)	\$ (2,076,475)	\$ (2,842,624)	\$ (9,260,562)	
LNG Storage													
(To)	\$ (833,236)	\$ (1,303,188)	\$ (1,004,860)	\$ (3,141,284)	\$ (1,279,512)	\$ (1,077,345)	\$ (1,201,324)	\$ (3,558,182)	\$ 446,276	\$ (226,843)	\$ 196,464	\$ 416,898	
From	\$ 2,311,935	\$ 988,484	\$ 474,479	\$ 3,754,898	\$ 1,243,268	\$ 1,311,295	\$ 308,584	\$ 2,863,127	\$ 1,068,667	\$ (342,811)	\$ 165,915	\$ 891,771	
Net LNG Storage	\$ 1,478,699	\$ (334,704)	\$ (530,381)	\$ 613,614	\$ (36,244)	\$ 233,950	\$ (892,780)	\$ (695,055)	\$ 1,514,943	\$ (568,654)	\$ 362,379	\$ 1,308,669	
Net Natural Gas	\$ 34,180,398	\$ 25,738,172	\$ 23,210,304	\$ 83,128,872	\$ 36,455,043	\$ 28,822,188	\$ 23,844,510	\$ 89,121,741	\$ (2,274,648)	\$ (3,084,016)	\$ (634,206)	\$ (5,992,869)	
APPLICABLE GCR EXPENSES													
Net Natural Gas Expense	\$ 34,180,398	\$ 25,738,172	\$ 23,210,304	\$ 83,128,872	\$ 36,455,044	\$ 28,822,188	\$ 23,844,510	\$ 89,121,741	\$ (2,274,648)	\$ (3,084,016)	\$ (634,206)	\$ (5,992,869)	
Purchased Electric & Misc	\$ 57,891	\$ 57,891	\$ 179,081	\$ 295,763	\$ 201,937	\$ 64,308	\$ 56,691	\$ 322,935	\$ (144,046)	\$ (6,417)	\$ 123,290	\$ (27,172)	
Total GCR Expenses	\$ 34,238,287	\$ 25,796,063	\$ 23,390,285	\$ 83,424,635	\$ 36,656,980	\$ 28,886,496	\$ 23,901,201	\$ 89,444,677	\$ (2,418,693)	\$ (3,090,433)	\$ (510,916)	\$ (6,020,042)	