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May 29, 2019

Via E-Filing ONLY

Rosemary Chiavetta, Secretary
PA Public Utility Commission
P.O. Box 3265
Harrisburg, PA 17105-3265

Re: Pa. PUC v. Philadelphia Gas Works (3rd Quarter 2019-2020 GCR Filing)
Docket No. R-2019-3007636

Dear Secretary Chiavetta:

Enclosed please find the following tariff supplements and supporting schedules:

- 1) PGW Gas Service Tariff, Pa. P.U.C. No. 2 Supplement No. 133;
- 2) PGW Gas Supplier Tariff, Pa. P.U.C. No. 1, Supplement No. 90.

These supplements are being filed to implement PGW's 3rd Quarter 2019-2020 Gas Cost Rate ("GCR") with the Commission's Order entered August 8, 2019 at Docket No. R-2019-3007636 approving PGW's 2019-2020 GCR. The tariff supplements are to become effective on June 1, 2020.

Sincerely,

A handwritten signature in blue ink that reads "Deanne M. O'Dell".

Deanne M. O'Dell
DMO/lww
Enclosure

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

CERTIFICATE OF SERVICE

I hereby certify that this day I served a copy of PGW's Tariff Supplements and Supporting Schedules 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/or Email Only

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Dated: May 29, 2020

Deanne M. O'Dell, Esq.

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

Supplement No. 90

PHILADELPHIA GAS WORKS

GAS SUPPLIER TARIFF



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

Rates to become effective June 1, 2020 in accordance with the Commission's Order entered August 8, 2019 a Docket No. R-2019-3007636 approving PGW's 2019-2020 Gas Cost Rate.

List of Changes Made by this Tariff

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Updated to reflect revised page numbers.

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

The load balancing charge effective June 1, 2020, is \$42.3523 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 \$42.3523 per design day Mcf that is fulfilled by PGW storage and peaking assets, for recovery of those costs for Balancing Service, calculated in the manner set forth in the Commission's Order at M-00021612 (entered March 31, 2003) and as set forth below. Such rate for Balancing Service shall be increased or decreased, from time to time, in accordance with applicable law and procedures.

(D)

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

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

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

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

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

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

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

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

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

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

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

(D) – Decrease

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

Supplement No. 133

PHILADELPHIA GAS WORKS
GAS SERVICE TARIFF



Issued by: Craig White
President and CEO

PHILADELPHIA GAS WORKS
800 West Montgomery Avenue
Philadelphia, PA 19122

Rates to become effective June 1, 2020
in accordance with the Commission's Order entered August 8, 2019
at Docket No. R-2019-3007636
approving PGW's 2019-2020 Gas Cost Rate.

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 1307f, II DEFINITIONS (PAGE No. 67)

In the definition of “GAC,” the GAC value effective June 1, 2020, increases from \$(0.00223) per Ccf to \$0.00208 per Ccf.

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

In the definition of “IRC,” the IRC value effective June 1, 2020 is \$(0.00023) per Ccf. In the definition of “SSC,” the SSC value effective June 1, 2020, decreases from \$0.39200 per Ccf to \$0.35893.

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

The Gas Cost Rate (GCR) effective June 1, 2020 decreases from \$0.39009 per Ccf to \$0.36124.

PRICE TO COMPARE (PAGE No. 78)

The Prices to Compare effective June 1, 2020 are: a) \$0.37859 per Ccf for Residential (GS-RES); b) \$0.36501 per Ccf for Public Housing Customers (GS-PH); (c) \$0.36725 per Ccf for Commercial (GS-COM); (d) \$0.36642 per Ccf for Industrial (GS-IND); (e) \$0.36501 per Ccf for Municipal Service (MS); (f) \$0.36501 per Ccf for Philadelphia Housing Authority (PHA); and, (g) \$0.36501 per Ccf for Natural Gas Vehicle Service (NGVS).

EFFICIENCY COST RECOVERY SURCHARGE (PAGE No. 80)

The Efficiency Cost Recovery Surcharge rates effective June 1, 2020 are: a) \$0.00214 per Ccf for Residential and Public Housing Customers on Rate GS; b) \$(0.00164) per Ccf for Commercial Customers on Rate GS; c) \$(0.00070) per Ccf for Industrial Customers on Rate GS; and, d) \$(0.00164) 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, 2020 increases from \$0.11711 per Ccf to \$0.11773 per Ccf.

GENERAL SERVICE – RATE GS (PAGE No. 83); MUNICIPAL SERVICE – RATE MS (PAGE No. 87); PHILADELPHIA HOUSING AUTHORITY SERVICE – RATE PHA (PAGE No. 90); and, DEVELOPMENTAL NATURAL GAS VEHICLE SVC - RATE NGVS FIRM SERVICE (Page No. 135)

The Gas Cost Rate (GCR) effective June 1, 2020 decreases from \$0.39009 per Ccf to \$0.36124 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 \$0.00357 per Ccf for Commodity Costs and \$(0.00149) per Ccf for Demand Costs, for service on or after June 1, 2020. The total GAC is \$0.00208 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 \$(0.00023) per Ccf for service on or after June 1, 2020.

(I)

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

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

SSC - Sales Service Charge - The purchased Gas costs determined to the nearest $\frac{1}{100}$ of a cent (\$0.0001). The currently effective SSC is \$0.22264 per Ccf for Commodity Costs and \$0.13629 per Ccf for Demand Costs, for service on or after June 1, 2020. The total SSC is \$0.35893 per Ccf.

(D)

(D) – Decrease (I) – Increase

III. COMPUTATION OF GAS COST RATE

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

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

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

The currently effective Gas Cost Rate is \$0.36124 per Ccf, for service on or after June 1, 2020.

(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	\$0.35893	\$0.35893	\$0.35893	\$0.35893	\$0.35893	\$0.35893	\$0.35893
GAC	\$0.00280	\$0.00280	\$0.00280	\$0.00280	\$0.00280	\$0.00280	\$0.00280
MFC	\$0.01358	\$0.00000	\$0.00224	\$0.00141	\$0.00000	\$0.00000	\$0.00000
GPC	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400
PTC	\$0.37859	\$0.36501	\$0.36725	\$0.36642	\$0.36501	\$0.36501	\$0.36501

(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) \$0.00214 per Ccf for Residential and Public Housing Customers on Rate GS;
- b) \$(0.00164) per Ccf for Commercial Customers on Rate GS;
- c) \$(0.00070) per Ccf for Industrial Customers on Rate GS;
- d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and
- e) \$(0.00164) per Ccf for The Philadelphia Housing Authority on Rate PHA.

(I)
(D)
(I)
(NC)
(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 PGW's Low Income Usage Reduction Program (LIRUP), known as the Home Comfort Program (previously known as the Conservation Works Program (CWP), the Enhanced Low Income Retrofit Program (ELIRP) and the CRP Home Comfort Program); 4) the costs of the pilot Conservation Incentive Credit program; and, 5) 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 = \$0.11773/Ccf. **(I)**

(I) - 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, 2020.

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):

\$0.36124	per Ccf for Residential and Public Housing	(D)
\$0.36124	per Ccf for Commercial Customers	(D)
\$0.36124	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, 2020.

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):

\$0.36124 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.

(I) - 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, 2020.

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):

\$0.36124 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, 2020.

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):

\$0.36124 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.

Supporting Schedules
JUNE 1, 2020
3RD QUARTER
GCR FILING

JUNE 1, 2020

3RD QUARTER GCR FILING

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Philadelphia Gas Works

Levelized Gas Cost Rate

June 1, 2020

Formula:

GCR = SSC + GAC - IRC

where:

	<u>Demand</u>	<u>Commodity</u>	<u>Total</u>	
S = Firm Sales (Mcf)			41,388,650	Schedule 2
<hr/>				
Net Natural Gas Expense	\$ 56,310,228	\$ 116,694,433	\$ 173,004,661	
Purchased Electric & Misc Expenses	\$ -	\$ 659,444	\$ 659,444	
Total Natural Gas Expense	\$ 56,310,228	\$ 117,353,877	\$ 173,664,105	Schedule 3
C-Factor Reconciliation	\$ 976,943	\$ (23,775,896)	\$ (22,798,953)	Schedule 4(b)
C = Total Applicable GCR Expense	\$ 57,287,171	\$ 93,577,981	\$ 150,865,152	
SSC = C / S	\$ 1.3841	\$ 2.2610	\$ 3.6451	
<hr/>				
Adjustment For:				
E-Factor Volumes (Mcf)			2,644,751	Schedule 4(c)
E-Factor Reconciliation	\$ (603,493)	\$ 1,444,598	\$ 841,105	Schedule 4(c)
	\$ (603,493)	\$ 1,444,598	\$ 841,105	
E = E-Factor	\$ (0.2282)	\$ 0.5462	\$ 0.3180	
<hr/>				
Interruptible Revenue Credit			\$ (93,710)	Schedule 5(a)
IRC = Interruptible Revenue Credit / S			\$ (0.0023)	
<hr/>				
Net Applicable GCR Expenses = C + E - Interruptible Revenue Credit			\$ 151,799,967	
<u>GCR = SSC + GAC - IRC</u>			\$ 3.9654	
<hr/>				
SSC in effect 6/01/20	\$ 1.3629	\$ 2.2264	\$ 3.5893	
GAC in effect 6/01/20	\$ (0.0149)	\$ 0.0357	\$ 0.0208	
IRC in effect 6/01/20			\$ 0.0023	
GCR in effect 6/01/20			\$ 3.6124	
<hr/>				
Recovery Test on:				
Firm Sales (Mcf)			41,388,650	
= GCR Projected Recovery		\$	149,653,381	
= Load Balancing Revenue		\$	2,093,653	
= LNG Sales Demand Revenue		\$	51,762	
= Total Projected Recovery		\$	151,798,796	Schedule 6
Compared To				
Net Applicable GCR Expenses		\$	151,799,967	
= Net Over/(Under) Recovery		\$	(1,171)	
<hr/>				
Degree Days			3,962	

Philadelphia Gas Works

Price To Compare (\$ / MCF)

June 1, 2020

	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	\$3.6124	\$0.0231	\$3.5893	3.76%	\$0.1358	\$0.0400	\$0.0208	\$3.7859
Commercial GS	\$3.6124	\$0.0231	\$3.5893	0.62%	\$0.0224	\$0.0400	\$0.0208	\$3.6725
Industrial GS	\$3.6124	\$0.0231	\$3.5893	0.39%	\$0.0141	\$0.0400	\$0.0208	\$3.6642
Phila. Housing Authority (PHA)	\$3.6124	\$0.0231	\$3.5893	0.00%	\$0.0000	\$0.0400	\$0.0208	\$3.6501
Municipal (MS)	\$3.6124	\$0.0231	\$3.5893	0.00%	\$0.0000	\$0.0400	\$0.0208	\$3.6501
NGV Firm	\$3.6124	\$0.0231	\$3.5893	0.00%	\$0.0000	\$0.0400	\$0.0208	\$3.6501
Phila. Housing Authority (GS)	\$3.6124	\$0.0231	\$3.5893	0.00%	\$0.0000	\$0.0400	\$0.0208	\$3.6501

SALES & VOLUMES

JUNE 2020 THROUGH MAY 2021

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 2020	1,215,981	235,376	980,605	2,933	-	50	977,622	3,016	1,209,982
JULY	1,086,161	215,561	870,600	3,031	-	282	867,287	2,569	1,080,279
AUGUST	1,003,027	200,055	802,972	3,031	-	99	799,842	2,340	997,557
SEPTEMBER	1,055,925	195,869	860,056	2,941	4,110	157	852,848	2,230	1,046,487
OCTOBER	1,514,011	290,602	1,223,409	3,039	4,247	83	1,216,040	3,382	1,503,261
NOVEMBER	3,247,852	527,514	2,720,338	2,941	4,110	-	2,713,287	8,959	3,231,842
DECEMBER	5,926,889	902,612	5,024,277	3,039	4,247	-	5,016,990	17,152	5,902,450
JANUARY 2021	10,739,475	1,463,370	9,276,105	3,039	4,247	-	9,268,819	32,521	10,699,668
FEBRUARY	9,050,416	1,237,793	7,812,623	2,745	3,836	-	7,806,042	26,809	9,017,026
MARCH	7,207,814	996,819	6,210,995	3,039	4,247	-	6,203,709	20,663	7,179,865
APRIL	4,570,777	621,996	3,948,781	2,941	4,110	-	3,941,730	12,706	4,551,020
MAY	<u>2,048,812</u>	<u>317,093</u>	<u>1,731,719</u>	<u>3,039</u>	<u>4,247</u>	<u>-</u>	<u>1,724,433</u>	<u>4,871</u>	<u>2,036,655</u>
TOTAL	48,667,139	7,204,659	41,462,480	35,763	37,397	670	41,388,650	137,218	48,456,091

**Projected Applicable Fuel Expense
SUMMARY
FY 2019-2020 3rd Quarter Filing**

	JUNE 2020	JULY 2020	AUGUST 2020	SEPTEMBER 2020	OCTOBER 2020	NOVEMBER 2020	DECEMBER 2020	JANUARY 2021	FEBRUARY 2021	MARCH 2021	APRIL 2021	MAY 2021	TOTAL
NATURAL GAS BILLED													
DEMAND CHARGE	\$ 5,442,317	\$ 5,431,053	\$ 5,428,916	\$ 4,087,675	\$ 4,032,109	\$ 4,477,910	\$ 4,786,327	\$ 4,784,824	\$ 4,876,196	\$ 4,781,717	\$ 4,118,376	\$ 4,062,809	\$56,310,228
COMMODITY CHARGE	\$ 4,336,292	\$ 5,058,662	\$ 5,299,546	\$ 7,852,826	\$ 10,165,105	\$ 11,472,829	\$ 15,673,518	\$ 12,390,868	\$ 12,364,291	\$ 9,523,723	\$ 10,733,121	\$ 9,994,026	\$114,864,808
TOTAL NATURAL GAS BILLED	\$9,778,608	\$10,489,716	\$10,728,461	\$11,940,501	\$14,197,214	\$15,950,740	\$20,459,844	\$17,175,691	\$17,240,486	\$14,305,440	\$14,851,497	\$14,056,836	\$171,175,036
INTERRUPTIBLE & A/C CREDIT	\$ 6,110	\$ 7,556	\$ 7,445	\$ 7,608	\$ 8,178	\$ 8,356	\$ 8,986	\$ 8,643	\$ 7,916	\$ 8,457	\$ 8,117	\$ 8,330	\$95,700
SENDOUT VOLUME IN MCF	3,066	3,405	3,216	3,184	3,209	3,023	3,124	3,124	2,822	3,124	3,023	3,124	37,444
DKT CONVERSION FACTOR	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	1.034	
PRICE \$/DKT	\$ 1.9273	\$ 2.1460	\$ 2.2387	\$ 2.3107	\$ 2.4649	\$ 2.6730	\$ 2.7819	\$ 2.6757	\$ 2.7131	\$ 2.6181	\$ 2.5967	\$ 2.5788	
GAS USED FOR UTILITY	\$18,147	\$18,207	\$25,295	\$20,142	\$21,871	\$62,317	\$101,521	\$142,519	\$100,970	\$76,223	\$63,684	\$25,935	\$676,830
NATURAL GAS TO STORAGE	\$ (2,736,884)	\$ (3,210,391)	\$ (3,363,897)	\$ (5,710,504)	\$ (4,567,006)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (3,110,294)	\$ (6,026,595)	\$ (28,725,571)
FROM STORAGE PGW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 152,505	\$ 4,894,873	\$ 11,281,597	\$ 7,850,918	\$ 6,857,283	\$ 658,041	\$ 0	\$31,695,217
FT FROM STORAGE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32,346	\$ 564,348	\$ 871,688	\$ 616,807	\$ 174,836	\$ 6,009	\$ 0	\$2,266,033
NET NATURAL GAS STORAGE	(\$2,736,884)	(\$3,210,391)	(\$3,363,897)	(\$5,710,504)	(\$4,567,006)	\$152,505	\$4,894,873	\$11,281,597	\$7,850,918	\$6,857,283	(\$2,452,253)	(\$6,026,595)	\$2,969,646
LNG TO STORAGE	\$ (7,342)	\$ -	\$ -	\$ (4,352)	\$ (409,410)	\$ (1,030,105)	\$ (1,039,224)	\$ (895,446)	\$ (838,247)	\$ (1,106,040)	\$ (657,961)	\$ (273,866)	\$ (6,261,993)
FROM LNG PGW	\$ 226,140	\$ 233,660	\$ 233,660	\$ 249,005	\$ 256,742	\$ 248,788	\$ 1,297,843	\$ 1,401,742	\$ 1,029,336	\$ 269,263	\$ 260,929	\$ 292,169	\$5,999,276
FT FROM LNG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0
NET LNG STORAGE	\$218,799	\$233,660	\$233,660	\$244,653	(\$152,668)	(\$781,317)	\$258,619	\$506,296	\$191,089	(\$836,777)	(\$397,032)	\$18,302	(\$262,716)
LNG SALES FROM LNG TANK	\$ -	\$ -	\$ -	\$ 11,671	\$ 11,569	\$ 11,192	\$ 11,635	\$ 11,803	\$ 10,813	\$ 12,125	\$ 11,786	\$ 12,180	\$104,773
SENDOUT VOLUMES (MCF)	-	-	-	4,110	4,247	4,110	4,247	4,247	3,836	4,247	4,110	4,247	37,397
@ AVG LNG COMMODITY RATE	\$ 2.8399	\$ 2.8399	\$ 2.8399	\$ 2.8399	\$ 2.7244	\$ 2.7235	\$ 2.7398	\$ 2.7793	\$ 2.8190	\$ 2.8553	\$ 2.8679	\$ 2.8681	
NET NATURAL GAS EXPENSE	\$7,236,265	\$7,487,223	\$7,565,483	\$6,435,230	\$9,435,923	\$15,240,062	\$25,491,195	\$28,800,621	\$25,162,795	\$20,229,142	\$11,918,625	\$8,002,098	\$173,004,661
APPLICABLE GCR EXPENSE													
NET NATURAL GAS EXPENSE	\$7,236,265	\$7,487,223	\$7,565,483	\$6,435,230	\$9,435,923	\$15,240,062	\$25,491,195	\$28,800,621	\$25,162,795	\$20,229,142	\$11,918,625	\$8,002,098	\$173,004,661
PURCHASED ELECTRIC & MISC	\$ 34,051	\$ 32,814	\$ 32,261	\$ 32,394	\$ 31,241	\$ 44,814	\$ 52,772	\$ 71,266	\$ 58,945	\$ 54,159	\$ 53,152	\$ 36,576	\$534,444
PLANALYTICS	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 125,000	\$ 0	\$ 0	\$ 0	\$ 0	\$125,000
TOTAL APPLICABLE EXPENSES	\$7,270,316	\$7,520,036	\$7,597,744	\$6,467,623	\$9,467,163	\$15,284,876	\$25,543,968	\$28,996,887	\$25,221,740	\$20,283,301	\$11,971,777	\$8,038,674	\$173,664,105
TOTAL GCR FIRM SALES	977,622	867,287	799,842	852,848	1,216,040	2,713,287	5,016,990	9,268,819	7,806,042	6,203,709	3,941,730	1,724,433	41,388,650

**ACTUAL / ESTIMATED DATA - FISCAL YEAR 2020
PHILADELPHIA GAS WORKS**

<u>Rate</u>	<u>7/1/2019</u>	<u>Split Month 9/1/2019</u>	<u>10/1/2019</u>	<u>Split Month 12/1/2019</u>	<u>1/1/2020</u>	<u>Split Month 3/1/2020</u>	<u>4/1/2020</u>	<u>Split Month 6/1/2020</u>	<u>7/1/2020</u>
SSC in Effect	\$ 4.3501	\$ 4.4681	\$ 4.5860	\$ 4.6309	\$ 4.6757	\$ 4.2979	\$ 3.9200	\$ 3.7547	\$ 3.5893
GAC in Effect	\$ (0.0737)	\$ (0.0266)	\$ 0.0206	\$ 0.0279	\$ 0.0351	\$ 0.0064	\$ (0.0223)	\$ (0.0008)	\$ 0.0208
IRC in Effect	\$ (0.0040)	\$ (0.0038)	\$ (0.0036)	\$ 0.0016	\$ 0.0067	\$ 0.0050	\$ 0.0032	\$ 0.0028	\$ 0.0023
Total Effective	\$ 4.2724	\$ 4.4377	\$ 4.6030	\$ 4.6603	\$ 4.7175	\$ 4.3092	\$ 3.9009	\$ 3.7567	\$ 3.6124
Percentage of Total									
C-Factor	101.8%	100.7%	99.6%	99.4%	99.1%	99.7%	100.5%	99.9%	99.4%
E-Factor	-1.7%	-0.6%	0.4%	0.6%	0.7%	0.1%	-0.6%	0.0%	0.6%
IRC-Factor	-0.1%	-0.1%	-0.1%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

C-Factor									
Demand Charge in Effect	\$ 1.3403	\$ 1.6114	\$ 1.8825	\$ 1.9647	\$ 2.0469	\$ 1.7483	\$ 1.4497	\$ 1.4063	\$ 1.3629
Commodity in Effect	\$ 3.0098	\$ 2.8567	\$ 2.7035	\$ 2.6662	\$ 2.6288	\$ 2.5496	\$ 2.4703	\$ 2.3484	\$ 2.2264
	\$ 4.3501	\$ 4.4681	\$ 4.5860	\$ 4.6309	\$ 4.6757	\$ 4.2979	\$ 3.9200	\$ 3.7547	\$ 3.5893
Percentage of Total									
Demand Charge in Effect	30.8%	36.1%	41.0%	42.4%	43.8%	40.7%	37.0%	37.5%	38.0%
Commodity in Effect	69.2%	63.9%	59.0%	57.6%	56.2%	59.3%	63.0%	62.5%	62.0%
	100%	100%	100%	100%	100%	100%	100%	100%	100%

<u>Fiscal Year 2019 E-Factor</u>	<u>C-Factor Over/(Under)</u>	<u>E-Factor Over/(Under)</u>	<u>Interest Over/(Under)</u>	<u>FY 2019 Final E-Factor</u>
\$ (4,009,007)	\$ 2,846,633	\$ (310,221)	\$ (1,472,595)	

<u>Actual</u>	<u>Sep-2019 Actual</u>	<u>Oct-2019 Actual</u>	<u>Nov-2019 Actual</u>	<u>Dec-2019 Actual</u>	<u>Jan-2020 Actual</u>	<u>Feb-2020 Actual</u>	<u>Mar-2020 Actual</u>	<u>Apr-2020 Actual</u>
Fiscal Year 2019-2020								
GCR Firm Sales	944,022	1,100,259	3,212,670	6,174,658	7,181,471	6,615,343	4,876,760	3,503,991
GCR Revenue Billed	\$ 4,228,589	\$ 5,066,955	\$ 14,791,249	\$ 28,804,748	\$ 33,867,325	\$ 31,149,694	\$ 20,698,926	\$ 13,680,885
Migration Rider Revenue Billed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Load Balancing Billed	\$ 210,704	\$ 218,471	\$ 226,215	\$ 214,762	\$ 214,524	\$ 217,993	\$ 216,107	\$ 218,025
LNG Sales Demand Charge Credit	\$ -	\$ 76,522	\$ 26,059	\$ 8,650	\$ -	\$ -	\$ -	\$ -
Total Revenue Billed	\$ 4,439,293	\$ 5,361,947	\$ 15,043,523	\$ 29,028,160	\$ 34,081,849	\$ 31,367,687	\$ 20,915,032	\$ 13,898,910
Natural Gas Refunds	\$ -	\$ 1,115	\$ -	\$ 65	\$ -	\$ -	\$ -	\$ 9,649
Demand Charges	\$ 6,912,195	\$ 7,233,417	\$ 5,979,435	\$ 6,541,375	\$ 6,313,201	\$ 6,162,947	\$ 6,215,317	\$ 6,274,703
Supply Charges	\$ 1,884,811	\$ 3,919,177	\$ 12,954,389	\$ 16,806,918	\$ 15,966,168	\$ 12,643,019	\$ 8,566,017	\$ 6,185,423
Net Cost of Fuel	\$ 8,797,006	\$ 11,152,594	\$ 18,933,824	\$ 23,348,293	\$ 22,279,369	\$ 18,805,966	\$ 14,781,334	\$ 12,460,126

**FISCAL YEAR 2020
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 2019	8,797,006	4,228,589	100.7%	4,257,508	210,704	0	4,468,212	0	(4,328,794)	(4,328,794)
OCTOBER	11,152,594	5,066,955	99.6%	5,048,241	218,471	76,522	5,343,234	1,115	(5,808,246)	(10,137,039)
NOVEMBER	18,933,824	14,791,249	99.6%	14,736,621	226,215	26,059	14,988,896	0	(3,944,928)	(14,081,967)
DECEMBER	23,348,293	28,804,748	99.4%	28,623,029	214,762	8,650	28,846,441	65	5,498,213	(8,583,754)
JANUARY 2020	22,279,369	33,867,325	99.1%	33,567,239	214,524	0	33,781,763	0	11,502,394	2,918,640
FEBRUARY	18,805,966	31,149,694	99.1%	30,873,688	217,993	0	31,091,681	0	12,285,715	15,204,355
MARCH	14,781,334	20,698,926	99.7%	20,644,407	216,107	0	20,860,513	0	6,079,179	21,283,535
APRIL	12,460,126	13,680,885	100.5%	13,747,871	218,025	0	13,965,896	9,649	1,515,419	22,798,953

**FISCAL YEAR 2020
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							\$ (1,472,595)
MONTH							
SEPTEMBER 2019	Actual	944,022	944,022	\$ 4,228,589	-0.6%	\$ (25,299)	\$ (1,497,894)
OCTOBER	Actual	1,100,259	1,100,259	\$ 5,066,955	0.4%	\$ 22,676	\$ (1,475,218)
NOVEMBER	Actual	3,212,670	3,212,670	\$ 14,791,249	0.4%	\$ 66,196	\$ (1,409,022)
DECEMBER	Actual	6,174,658	6,174,658	\$ 28,804,748	0.6%	\$ 172,139	\$ (1,236,882)
JANUARY 2020	Actual	7,181,471	7,181,471	\$ 33,867,325	0.7%	\$ 251,986	\$ (984,897)
FEBRUARY	Actual	6,615,343	6,615,343	\$ 31,149,694	0.7%	\$ 231,766	\$ (753,131)
MARCH	Actual	4,876,760	4,876,760	\$ 20,698,926	0.1%	\$ 30,742	\$ (722,389)
APRIL	Actual	3,503,991	3,503,991	\$ 13,680,885	-0.6%	\$ (78,209)	\$ (800,598)
MAY	Estimated	1,816,486	1,816,486	\$ 7,085,928	-0.6%	\$ (40,508)	\$ (841,105)
<hr/>							
JUNE	Estimated	977,622	977,622	\$ 3,672,583		\$ 310,911	
JULY	Estimated	867,287	867,287	\$ 3,132,986		\$ 275,822	
AUGUST	Estimated	799,842	799,842	\$ 2,889,350		\$ 254,372	
TOTAL		2,644,751	2,644,751	\$ 9,694,920		841,105	
JUNE 1, 2020 E-FACTOR		0.3180					

**FISCAL YEAR 2020
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 2019	4,228,589	-0.09%	(3,621)
OCTOBER	5,066,955	-0.08%	(3,963)
NOVEMBER	14,791,249	-0.08%	(11,568)
DECEMBER	28,804,748	0.03%	9,580
JANUARY 2020	33,867,325	0.14%	48,100
FEBRUARY	31,149,694	0.14%	44,240
MARCH	20,698,926	0.11%	23,777
APRIL	13,680,885	0.08%	11,223

**FISCAL YEAR 2020
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 2019	6,701,491	1,521,197	(5,180,294)	(5,180,294)
OCTOBER	6,938,424	2,071,237	(4,867,188)	(10,047,482)
NOVEMBER	5,727,161	6,047,852	320,691	(9,726,790)
DECEMBER	6,317,963	12,131,350	5,813,387	(3,913,403)
JANUARY 2020	6,098,677	14,699,754	8,601,077	4,687,674
FEBRUARY	5,944,954	13,540,946	7,595,992	12,283,666
MARCH	5,999,210	8,526,040	2,526,830	14,810,496
APRIL	6,056,678	5,079,735	(976,943)	13,833,553

INTERRUPTIBLE REVENUE CREDIT
September 1, 2020

Fiscal Year 2019 Reconciliation (8/31/19) \$ (248,944)

<u>MONTH</u>	<u>IRC</u> <u>CREDIT</u>	<u>MARGIN</u>
September-19	Actual \$ (3,621)	\$ 950
October	Actual \$ (3,963)	\$ 991
November	Actual \$ (11,568)	\$ 6,559
December	Actual \$ 9,580	\$ 1,068
January-20	Actual \$ 48,100	\$ 1,654
February	Actual \$ 44,240	\$ 1,292
March	Actual \$ 23,777	\$ 6,372
April	Actual \$ 11,223	\$ 853
May	Estimated \$ 5,813	\$ 2,274

Act/Est IRC Credit September 2019 to May 2020 \$ 123,581

Act/Est Margin September 2019 to May 2020 \$ 22,013 \$ 22,013

FY 2019 Reconciliation Plus Act/Est Margin September 2019 to May 2020 \$ (226,931)

FY 2019 Reconciliation Plus Act/Est Margin September 2019 to May 2020 \$ (226,931)

Act/Est IRC Credit September 2019 to May 2020 \$ 123,581

Reconciliation as of May 31, 2020 \$ (103,350)

Margin - June 2020 through May 2021 \$ 9,640 Schedule 5(b)

June 1, 2020 Interruptible Revenue Credit \$ (93,710)

GCR Firm Sales **41,388,650** Schedule 2

June 1, 2020 IRC/Mcf **\$ (0.0023)**

INTERRUPTIBLE REVENUE MARGIN
3rd Qtr Filing

<u>MONTH</u>		<u>MARGIN</u>
June-19	Estimated	\$ 792
July	Estimated	\$ 819
August	Estimated	\$ 792
September	Estimated	\$ 819
October	Estimated	\$ 819
November	Estimated	\$ 740
December	Estimated	\$ 819
January-20	Estimated	\$ 792
February	Estimated	\$ 819
March	Estimated	\$ 792
April	Estimated	\$ 819
May	Estimated	\$ 819
Total		\$ <u>9,640</u>

CALCULATION OF RECOVERED CHARGES
3rd Qtr Filing
June 1, 2020

	<u>50% June</u>	<u>11.5 Months</u>	<u>Total</u>
			(MCF) (\$)
S - Firm Sales (Mcf)	488,811	40,899,839	41,388,650
C-Factor	<u>\$ 3.9200</u>	<u>\$ 3.5893</u>	
Projected Recovery	1,916,139	146,801,792	\$ 148,717,931
S - Firm Sales (Mcf)	488,811	40,899,839	41,388,650
IRC-Factor	<u>\$ 0.0032</u>	<u>\$ 0.0023</u>	
Projected Recovery	1,564	94,070	\$ 95,634
E-Factor Volumes (Mcf)	488,811	40,899,839	41,388,650
E-Factor	<u>\$ (0.0223)</u>	<u>\$ 0.0208</u>	
Projected Recovery	(10,900)	850,717	\$ 839,816
GCR (\$ / Mcf)	<u>\$ 3.9009</u>	<u>\$ 3.6124</u>	
<hr/>			
GCR Projected Recovery			\$ 149,653,381
Load Balancing Revenue			\$ 2,093,653
LNG Sales Demand Revenue			<u>\$ 51,762</u>
TOTAL PROJECTED RECOVERY			\$ 151,798,796

**Change In Rates
3rd Quarter Filing
Rates Effective June 1, 2020**

Current Rates

	<u>03/01/20</u> <u>Distribution Charge</u> (1)	<u>03/01/20</u> <u>GCR</u> (2)	<u>03/01/20</u> <u>MFC</u> (3)	<u>03/01/20</u> <u>GPC</u> (4)	<u>03/01/20</u> <u>Commodity</u> <u>Rate</u> (5)=(1)+(2)+(3)+(4)
Residential GS	\$8.2118	\$3.9009	\$0.1467	\$0.0400	\$12.2994
Commercial GS	\$6.4003	\$3.9009	\$0.0242	\$0.0400	\$10.3654
Industrial GS	\$6.2723	\$3.9009	\$0.0152	\$0.0400	\$10.2284
Phila.Housing Authority (PHA)	\$6.5515	\$3.9009	\$0.0000	\$0.0400	\$10.4924
Municipal (MS)	\$5.7839	\$3.9009	\$0.0000	\$0.0400	\$9.7248
Phila.Housing Authority (GS)	\$7.2256	\$3.9009	\$0.0000	\$0.0400	\$11.1665

June 1, 2020 - 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	\$0.3362	\$0.0214	\$1.1773	\$0.0043	\$1.5392	\$8.2359
Commercial GS	\$4.8651	\$0.3362	(\$0.0164)	\$1.1773	\$0.0043	\$1.5014	\$6.3665
Industrial GS	\$4.7698	\$0.3362	(\$0.0070)	\$1.1773	\$0.0043	\$1.5108	\$6.2806
Phila.Housing Authority (PHA)	\$5.0163	\$0.3362	(\$0.0164)	\$1.1773	\$0.0043	\$1.5014	\$6.5177
Municipal (MS)	\$4.2723	\$0.3362	\$0.0000	\$1.1773	\$0.0043	\$1.5178	\$5.7901
Phila.Housing Authority (GS)	\$5.7105	\$0.3362	\$0.0214	\$1.1773	\$0.0043	\$1.5392	\$7.2497

Proposed Rates

	<u>06/01/20</u> <u>Distribution Charge</u> (12)	<u>06/01/20</u> <u>GCR</u> (13)	<u>06/01/20</u> <u>MFC</u> (14)	<u>06/01/20</u> <u>GPC</u> (15)	<u>06/01/20</u> <u>Commodity</u> <u>Rate</u> (16)=(12)+(13)+(14)+(15)	<u>Difference</u> (17)=(16)-(5)
Residential GS	\$8.2359	\$3.6124	\$0.1358	\$0.0400	\$12.0241	(\$0.2753)
Commercial GS	\$6.3665	\$3.6124	\$0.0224	\$0.0400	\$10.0413	(\$0.3241)
Industrial GS	\$6.2806	\$3.6124	\$0.0141	\$0.0400	\$9.9471	(\$0.2813)
Phila.Housing Authority (PHA)	\$6.5177	\$3.6124	\$0.0000	\$0.0400	\$10.1701	(\$0.3223)
Municipal (MS)	\$5.7901	\$3.6124	\$0.0000	\$0.0400	\$9.4425	(\$0.2823)
Phila.Housing Authority (GS)	\$7.2497	\$3.6124	\$0.0000	\$0.0400	\$10.9021	(\$0.2644)

PHILADELPHIA GAS WORKS
JUNE 1, 2020
UNIVERSAL SERVICE & ENERGY CONSERVATION SURCHARGE

	<u>Expenses in the Surcharge</u>
Enhanced Low Income Retrofit Program (ELIRP)	\$ 7,746,245
Customer Responsibility Program (CRP)	\$ 39,142,575
Conservation Incentive Credit	\$ -
Senior Citizen Discount *	\$ 1,831,260
<u>February 2020 Under Collection</u>	<u>\$ 8,294,139</u>
Total \$ to be Recovered	\$ 57,014,219
Total Applicable Volumes	Mcf 48,427,100
Universal Service & Energy Conservation Surcharge	<u><u>\$ 1.1773</u></u>

* This is the Senior Citizen Discount based on the Distribution Charge without the Universal Services Surcharge plus the GCR. This is used to calculate the Universal Services Surcharge. The total senior citizen discount is \$2,002,490.

**STATEMENT OF RECONCILIATION
UNIVERSAL SERVICES & ENERGY CONSERVATION SURCHARGE
SEPTEMBER 2019 THROUGH MAY 2020**

Month	USC Applicable Volumes	USC Charge	USC Revenue Billed	USC Expenses	Monthly Over/(Under) Recovery	Cumulative Over/(Under) Recovery
FY 19 Reconciliation						(\$1,259,707)
FY 17 & FY 18 Conservation Incentive Credit						(\$561,650)
						(\$1,821,357)
September 2019	Actual 1,138,871	\$ 1,2605	\$ 1,435,490	\$ (1,582,662)	\$ 3,018,152	\$1,196,795
October	Actual 1,358,986	\$ 1,2195	\$ 1,657,283	\$ (21,738)	\$ 1,679,021	\$2,875,816
November	Actual 3,752,873	\$ 1,2195	\$ 4,576,629	\$ 4,144,212	\$ 432,417	\$3,308,233
December	Actual 7,048,852	\$ 1,1010	\$ 7,761,111	\$ 9,196,747	\$ (1,435,636)	\$1,872,597
January 2020	Actual 8,154,457	\$ 0,9826	\$ 8,012,507	\$ 12,086,123	\$ (4,073,616)	(\$2,201,020)
February	Actual 7,509,470	\$ 0,9826	\$ 7,378,747	\$ 12,712,591	\$ (5,333,844)	(\$7,534,863)
March	Actual 5,575,763	\$ 1,0768	\$ 6,004,239	\$ 8,308,265	\$ (2,304,026)	(\$9,838,889)
April	Actual 4,026,854	\$ 1,1711	\$ 4,715,849	\$ 4,629,684	\$ 86,165	(\$9,752,724)
May	Estimated 2,149,772	\$ 1,1711	\$ 2,517,598	\$ 1,059,013	\$ 1,458,585	(\$8,294,139)

USC Expenses	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20
ELIRP Expense	\$ (5,610)	\$ 593,111	\$ 775,900	\$ 640,702	\$ 40,960	\$ 1,207,567	\$ 669,221	\$ 319,392	\$ 565,764
ELIRP Labor	\$ 22,492	\$ 10,117	\$ 23,353	\$ 14,485	\$ 15,485	\$ 16,569	\$ 14,372	\$ 14,311	\$ 19,113
Conservation Incentive Credit	\$ -	\$ 227,500	\$ 100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CRP Discount	\$ (2,403,563)	\$ (1,749,547)	\$ 2,348,336	\$ 7,501,644	\$ 10,903,197	\$ 10,457,560	\$ 6,628,267	\$ 3,525,469	\$ (681,447)
CRP Forgiveness	\$ 732,550	\$ 803,371	\$ 766,558	\$ 653,112	\$ 653,527	\$ 582,602	\$ 671,480	\$ 537,175	\$ 1,035,120
Senior Citizen Discount	\$ 71,469	\$ 93,710	\$ 229,965	\$ 386,805	\$ 472,954	\$ 448,293	\$ 324,925	\$ 233,337	\$ 120,463
Bad Debt Expense Offset*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ (1,582,662)	\$ (21,738)	\$ 4,144,212	\$ 9,196,747	\$ 12,086,123	\$ 12,712,591	\$ 8,308,265	\$ 4,629,684	\$ 1,059,013

CRP Participation									
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*	52,717	53,395	53,177	54,040	55,069	53,843	54,250	54,885	54,885
CRP Under/(Over) Participation	7,283	6,605	6,823	5,960	4,931	6,157	5,750	5,115	5,115
Average Shortfall Per CRP Participant									
CRP Discount	\$ (2,403,563)	\$ (1,749,547)	\$ 2,348,336	\$ 7,501,644	\$ 10,903,197	\$ 10,457,560	\$ 6,628,267	\$ 3,525,469	\$ 3,525,469
Actual Participation Rate	52,717	53,395	53,177	54,040	55,069	53,843	54,250	54,885	54,885
Average Shortfall per CRP Participant	\$ (46)	\$ (33)	\$ 44	\$ 139	\$ 198	\$ 194	\$ 122	\$ 64	\$ 64
Shortfall*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bad Debt Expense Offset* 7.5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

EFFICIENCY COST RECOVERY (ECR) SURCHARGE
JUNE 1 ,2020

<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	\$508,827	\$34,311	\$2,200	\$545,337
Labor Expense	\$16,919	\$1,169	\$69	\$18,157
Commercial & Industrial Retrofit Incentive (CIRI)				
Program Expense	\$155,699	\$20,284	\$0	\$175,983
Labor Expense	\$4,304	\$2,773	\$0	\$7,077
Commercial & Industrial Equipment Rebate (CIER)				
Program Expense	-\$4,102	\$455,655	\$26,055	\$477,608
Labor Expense	\$1,254	\$16,194	\$858	\$18,306
High-Efficiency Construction Incentive (HECI)				
Program Expense	\$326,758	-\$135,339	\$0	\$191,419
Labor Expense	\$4,918	-\$2,389	\$0	\$2,529
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	\$1,014,576	\$392,657	\$29,183	\$1,436,416
Prior Period Reconciliation (5/31/20)	<u>\$ (260,798)</u>	<u>\$ (579,580)</u>	<u>\$ (35,506)</u>	<u>\$ (875,884)</u>
Total	\$753,778	-\$186,923	-\$6,323	\$560,532
Volumes - Mcf (GCR Firm & Firm Transportation)	35,267,542	11,388,058	897,218	

Efficiency Cost Recovery Surcharge / Mcf	\$0.0214	(\$0.0164)	(\$0.0070)
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**EFFICIENCY COST RECOVERY (ECR) SURCHARGE
STATEMENT OF RECONCILIATION
FISCAL YEAR 2020**

		<u>Actual Sep-19</u>	<u>Actual Oct-19</u>	<u>Actual Nov-19</u>	<u>Actual Dec-19</u>	<u>Actual Jan-20</u>	<u>Actual Feb-20</u>	<u>Actual Mar-20</u>	<u>Actual Apr-20</u>	<u>Estimated May-20</u>
RESIDENTIAL & PHA GS										
FY 2019 Over-Collection	\$ 600,385									
Volume Billed		673,192	841,321	2,645,792	5,232,100	6,155,599	5,681,716	4,179,288	3,076,565	1,494,224
ECR Surcharge		\$ 0.0110	\$ 0.0166	\$ 0.0166	\$ 0.0094	\$ 0.0021	\$ 0.0021	\$ 0.0028	\$ 0.0035	\$ 0.0035
Revenue Billed		\$ 7,371	\$ 13,966	\$ 43,920	\$ 48,920	\$ 12,927	\$ 11,932	\$ 11,702	\$ 10,768	\$ 5,230
RHER Expense		\$ 81,353	\$ 25,311	\$ 76,763	\$ 51,711	\$ 51,777	\$ 79,015	\$ 48,281	\$ 23,570	\$ 61,397
RHER Labor		\$ (1,539)	\$ 1,097	\$ 1,157	\$ 1,571	\$ 1,679	\$ 1,438	\$ 1,558	\$ 1,552	\$ 1,859
HECI Expense		\$ (78,991)	\$ 2,137	\$ (2,165)	\$ 2,404	\$ 3,299	\$ 35,946	\$ 9,039	\$ 262	\$ 93,501
HECI Labor		\$ (2,516)	\$ 222	\$ (463)	\$ 317	\$ 339	\$ 529	\$ 572	\$ 570	\$ 1,165
CRRJ Expense		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CRRJ Labor		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIRI Expense		\$ (126,730)	\$ 3,504	\$ (1,914)	\$ 2,079	\$ 2,493	\$ (6,292)	\$ 6,354	\$ 324	\$ 43,624
CIRI Labor		\$ (1,406)	\$ 234	\$ (451)	\$ 335	\$ 358	\$ (750)	\$ 708	\$ 705	\$ 994
CIER Expense		\$ (9,535)	\$ 53	\$ (53)	\$ 55	\$ 24	\$ 16,754	\$ 813	\$ 63	\$ (2,709)
CIER Labor		\$ (167)	\$ 3	\$ (6)	\$ 4	\$ 4	\$ 477	\$ 138	\$ 137	\$ 382
Total		\$ (139,531)	\$ 32,560	\$ 72,867	\$ 58,478	\$ 59,975	\$ 127,117	\$ 67,462	\$ 27,183	\$ 200,213
Monthly Over/(Under)		\$ 146,903	\$ (18,594)	\$ (28,947)	\$ (9,558)	\$ (47,048)	\$ (115,185)	\$ (55,760)	\$ (16,415)	\$ (194,983)
Cumulative Over/(Under)		\$ 747,287	\$ 728,693	\$ 699,747	\$ 690,189	\$ 643,141	\$ 527,956	\$ 472,196	\$ 455,781	\$ 260,798
COMMERCIAL & PHA										
FY 2019 Over-Collection	\$ 356,338									
Volume Billed		423,048	466,216	963,448	1,577,726	1,720,841	1,566,059	1,197,408	829,649	580,180
ECR Surcharge		\$ 0.0597	\$ 0.0552	\$ 0.0552	\$ 0.0399	\$ 0.0245	\$ 0.0245	\$ 0.0241	\$ 0.0236	\$ 0.0236
Revenue Billed		\$ 25,256	\$ 25,735	\$ 53,182	\$ 62,872	\$ 42,161	\$ 38,368	\$ 28,798	\$ 19,580	\$ 13,692
RHER Expense		\$ 6,942	\$ 958	\$ 13	\$ 1,958	\$ 1,961	\$ 6,590	\$ 1,828	\$ 892	\$ 1,183
RHER Labor		\$ 78	\$ 42	\$ (56)	\$ 59	\$ 64	\$ 175	\$ 59	\$ 59	\$ 31
CRRJ Expense		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CRRJ Labor		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIRI Expense		\$ 31,849	\$ 5,820	\$ (3,225)	\$ 3,454	\$ 4,142	\$ (3,113)	\$ 1,589	\$ 81	\$ (6,754)
CIRI Labor		\$ (3)	\$ 389	\$ (751)	\$ 557	\$ 595	\$ (1,033)	\$ 177	\$ 176	\$ 205
CIER Expense		\$ (237,368)	\$ 9,789	\$ 2,925	\$ 10,232	\$ 4,402	\$ (13,956)	\$ 3,612	\$ 280	\$ 52,062
CIER Labor		\$ (2,500)	\$ 525	\$ (695)	\$ 751	\$ 803	\$ (1,602)	\$ 612	\$ 609	\$ 2,727
HECI Expense		\$ 256,197	\$ 1,746	\$ (1,267)	\$ 1,965	\$ 2,696	\$ (5,245)	\$ -	\$ -	\$ (64,023)
HECI Labor		\$ 5,726	\$ 181	\$ (378)	\$ 259	\$ 277	\$ (551)	\$ -	\$ -	\$ (1,379)
Total		\$ 60,920	\$ 19,450	\$ (3,434)	\$ 19,236	\$ 14,940	\$ (18,736)	\$ 7,876	\$ 2,098	\$ (15,947)
Monthly Over/(Under)		\$ (35,664)	\$ 6,285	\$ 56,616	\$ 43,637	\$ 27,221	\$ 57,104	\$ 20,921	\$ 17,482	\$ 29,639
Cumulative Over/(Under)		\$ 320,674	\$ 326,959	\$ 383,576	\$ 427,212	\$ 454,433	\$ 511,537	\$ 532,459	\$ 549,941	\$ 579,580
INDUSTRIAL										
FY 2018 Over-Collection	\$ 49,225									
Volume Billed		30,519	37,952	67,847	113,159	128,501	105,535	79,580	55,956	43,352
ECR Surcharge		\$ (0.0225)	\$ (0.0150)	\$ (0.0150)	\$ (0.0231)	\$ (0.0312)	\$ (0.0312)	\$ (0.0202)	\$ (0.0091)	\$ (0.0091)
Revenue Billed		\$ (685)	\$ (569)	\$ (1,018)	\$ (2,614)	\$ (4,009)	\$ (3,293)	\$ (1,604)	\$ (509)	\$ (395)
RHER Expense		\$ (1,724)	\$ 31	\$ (32)	\$ 64	\$ 64	\$ (129)	\$ 60	\$ 29	\$ 620
RHER Labor		\$ (59)	\$ 1	\$ (3)	\$ 2	\$ 2	\$ (4)	\$ 2	\$ 2	\$ 19
CIRI Expense		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIRI Labor		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIER Expense		\$ 2	\$ 202	\$ (204)	\$ 211	\$ 91	\$ (307)	\$ 90	\$ 7	\$ (97)
CIER Labor		\$ 13	\$ 11	\$ (24)	\$ 16	\$ 17	\$ (32)	\$ 15	\$ 15	\$ 51
Total		\$ (1,769)	\$ 246	\$ (262)	\$ 293	\$ 174	\$ (472)	\$ 167	\$ 53	\$ 594
Monthly Over/(Under)		\$ 1,083	\$ (815)	\$ (756)	\$ (2,907)	\$ (4,183)	\$ (2,821)	\$ (1,771)	\$ (563)	\$ (988)
Cumulative Over/(Under)		\$ 50,309	\$ 49,494	\$ 48,738	\$ 45,831	\$ 41,648	\$ 38,827	\$ 37,057	\$ 36,494	\$ 35,506

**PHILADELPHIA GAS WORKS
LOAD BALANCING CHARGE
JUNE 1, 2020**

Storage and Peaking Asset Cost	\$ 16,927,774
Design Day Requirements (Mcf)	698,361
Fulfilled from FT Capacity (Mcf)	<u>297,287</u>
Fulfilled from Storage and Peaking Assets (Excess Mcf)	401,073
Annual Storage and Peaking Cost per Excess Mcf	\$ 42.2062
Per Mcf Over / (Under) Adjustment	\$ <u>(0.1461)</u>
Load Balancing Charge	\$ 42.3523

Over / (Under) Recovery	\$ (81,643)
Interest	\$ <u>(5,041)</u>
Total Over/(Under) Recovery	\$ (86,683)
Forecasted SSPC Volumes	593,211
Per Mcf Over / (Under) Adjustment	\$ (0.1461)

Natural Gas Prices Used for PGW's - FY 2019-2020 - 3rd Quarter GCR Filing

Basis Differentials

	TRANSCO					TETCO						NYMEX	TRANSCO										
												Futures 05/04/20 Close											
	Sta 30	Sta 45	Sta 65	Sta. 85	Zone 6- Non-NY	ELA	WLA	STX	M-1	M-2	Dom.S.Pt.		Sta 30	Sta 45	Sta 65	Sta. 85	Zone 6-Non-NY	ELA	WLA	STX	M-1	M-2	
May-20												1.794		1.73	1.74	1.73	1.74	1.49	1.73	1.75	1.77	1.72	1.42
Jun-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	1.993		1.88	1.85	1.97	1.98	2.06	1.93	1.91	1.86	1.89	1.85
Jul-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.230		2.12	2.09	2.21	2.22	2.30	2.17	2.15	2.10	2.13	2.09
Aug-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.14)	(0.42)	2.330		2.22	2.19	2.31	2.32	2.40	2.27	2.25	2.20	2.23	2.19
Sep-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.390		2.28	2.25	2.37	2.38	2.46	2.33	2.31	2.26	2.29	2.29
Oct-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.479		2.37	2.34	2.46	2.47	2.55	2.42	2.40	2.35	2.38	2.38
Nov-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.707		2.60	2.57	2.69	2.70	2.78	2.65	2.63	2.58	2.61	2.61
Dec-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	3.010		2.90	2.87	2.99	3.00	3.08	2.95	2.93	2.88	2.91	2.91
Jan-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	3.146		3.04	3.01	3.13	3.14	3.22	3.09	3.07	3.02	3.05	3.05
Feb-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	3.101		2.99	2.96	3.08	3.09	3.17	3.04	3.02	2.97	3.00	3.00
Mar-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.956		2.85	2.82	2.94	2.95	3.03	2.90	2.88	2.83	2.86	2.86
Apr-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.627		2.52	2.49	2.61	2.62	2.70	2.57	2.55	2.50	2.53	2.53
May-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.590		2.48	2.45	2.57	2.58	2.66	2.53	2.51	2.46	2.49	2.49
Jun-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.626		2.52	2.49	2.61	2.62	2.70	2.57	2.55	2.50	2.53	2.53
Jul-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.670		2.56	2.53	2.65	2.66	2.74	2.61	2.59	2.54	2.57	2.57
Aug-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.675		2.57	2.54	2.66	2.67	2.75	2.62	2.60	2.55	2.58	2.58

Actual Natural Gas Billed

	<u>Jan-20</u>	<u>Feb-20</u>	<u>Mar-20</u>
Williams	\$ 3,196,609.03	\$ 3,000,723.51	\$ 3,061,226.61
Texas Eastern	\$ 3,129,079.86	\$ 3,108,359.54	\$ 2,986,938.71
Dominion	\$ 130,954.11	\$ 131,213.82	\$ 126,292.85
Equitrans	\$ -	\$ -	\$ -
Spot Purchases -Transco	\$ 29,783.09	\$ 48,423.44	\$ 20,715.59
Spot Purchases -Tetco	\$ -	\$ -	\$ -
Transco Supply2	\$ -	\$ -	\$ -
Transco Supply3	\$ -	\$ -	\$ -
Transco Supply6	\$ 709,900.00	\$ 664,100.00	\$ 709,900.00
Transco Supply7	\$ 2,234,746.66	\$ 1,681,949.94	\$ 1,185,221.66
Transco Supply8	\$ -	\$ -	\$ -
Transco Supply10	\$ -	\$ -	\$ -
Transco Supply12	\$ -	\$ -	\$ -
Transco Supply14	\$ 644,800.00	\$ 524,900.00	\$ 548,700.00
Transco Supply17	\$ -	\$ -	\$ -
Transco Supply20	\$ -	\$ -	\$ -
Transco Supply21	\$ -	\$ -	\$ -
Transco Supply22	\$ -	\$ -	\$ -
Transco Supply23	\$ -	\$ -	\$ -
Transco Supply24	\$ -	\$ -	\$ -
Transco Supply25	\$ -	\$ -	\$ -
Transco Supply26	\$ -	\$ -	\$ -
Transco Supply27	\$ -	\$ -	\$ -
Transco Supply28	\$ -	\$ -	\$ -
Transco Supply29	\$ -	\$ -	\$ -
Transco Supply30	\$ 1,201,985.90	\$ 641,221.67	\$ 154,515.79
Transco Supply31	\$ -	\$ -	\$ -
Transco Supply32	\$ -	\$ -	\$ -
Transco Supply33	\$ -	\$ -	\$ -
Transco Supply34	\$ 62,700.00	\$ -	\$ -
Transco Supply35	\$ -	\$ -	\$ -
Transco Supply36	\$ -	\$ -	\$ -
Transco Supply37	\$ 1,278,905.00	\$ -	\$ -
Tetco Supply1	\$ 474,250.00	\$ 307,400.00	\$ 59,100.00
Tetco Supply2	\$ -	\$ -	\$ -
Tetco Supply3	\$ -	\$ -	\$ -
Tetco Supply4	\$ -	\$ -	\$ -
Tetco Supply5	\$ 626,355.00	\$ 504,455.00	\$ 521,885.00
Tetco Supply7	\$ -	\$ -	\$ -
Tetco Supply13	\$ -	\$ -	\$ -
Tetco Supply14	\$ -	\$ -	\$ -
Tetco Supply16	\$ 295,817.50	\$ 232,072.50	\$ 246,372.50
Tetco Supply17	\$ -	\$ -	\$ -
Tetco Supply18	\$ -	\$ -	\$ -
Tetco Supply19	\$ -	\$ -	\$ -
Tetco Supply20	\$ -	\$ -	\$ -
Tetco Supply21	\$ -	\$ -	\$ -
Tetco Supply22	\$ -	\$ -	\$ -
Tetco Supply23	\$ -	\$ -	\$ -
Tetco Supply24	\$ 80,975.00	\$ -	\$ -
Tetco Supply25	\$ -	\$ -	\$ -
Tetco Supply26	\$ 1,772,532.50	\$ 1,071,037.50	\$ 604,842.50
Tetco Supply27	\$ -	\$ -	\$ -
Tetco Supply28	\$ 295,817.50	\$ 232,072.50	\$ 246,372.50
Tetco Supply29	\$ -	\$ -	\$ -
Tetco Supply30	\$ -	\$ -	\$ -
Tetco Supply31	\$ -	\$ -	\$ -
Tetco Supply32	\$ -	\$ -	\$ -
Tetco Supply33	\$ 539,519.04	\$ 406,573.04	\$ 430,865.90
Tetco Supply34	\$ 240,488.70	\$ 180,768.02	\$ 191,547.14
Tetco Supply35	\$ 269,700.00	\$ 211,700.00	\$ 224,750.00
Tetco Supply36	\$ -	\$ -	\$ -
Total Costs	\$ 17,214,919	\$ 12,946,970	\$ 11,319,247
Sharing Mechanism	\$ 314,311	\$ 294,032	\$ 314,311
Asset Management Agreement	\$ -	\$ -	\$ -
Off System Sales	\$ -	\$ -	\$ -
Gas Transportation Purchases	\$ -	\$ -	\$ -
Adjustment/Reconciliation	\$ 7,283	\$ 1,155,813	\$ 1,202,801
Total Natural Gas Billed	\$ 17,536,512	\$ 14,396,816	\$ 12,836,358

**Philadelphia Gas Works
Summary of Fuels Purchased
Three Months Ending March 2020**

	<u>Actual</u>				<u>Projected</u>			<u>Actual Over/Under vs Projected</u>				
	<u>Jan-20</u>	<u>Feb-20</u>	<u>Mar-20</u>	<u>Total</u>	<u>2nd Qtr Filing Jan-20</u>	<u>2nd Qtr Filing Feb-20</u>	<u>2nd Qtr Filing Mar-20</u>	<u>Total</u>	<u>Jan-20</u>	<u>Feb-20</u>	<u>Mar-20</u>	<u>Total</u>
Total Natural Gas Billed	\$ 17,536,512	\$ 14,396,816	\$ 12,836,358	\$ 44,769,686	\$ 15,717,759	\$ 16,464,985	\$ 16,648,236	\$ 48,830,981	\$ 1,818,753	\$ (2,068,169)	\$ (3,811,878)	\$ (4,061,295)
Less Imbalance Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Less Interruptible Credit	\$ 162,417	\$ 3,641	\$ 16,690	\$ 182,748	\$ 2,483	\$ 2,420	\$ 2,461	\$ 7,364	\$ 159,934	\$ 1,221	\$ 14,229	\$ 175,384
Gas Used For Utility	\$ 75,220	\$ 59,473	\$ 42,273	\$ 176,966	\$ 129,031	\$ 89,249	\$ 70,252	\$ 288,532	\$ (53,811)	\$ (29,776)	\$ (27,979)	\$ (111,566)
	\$ 17,298,875	\$ 14,333,702	\$ 12,777,395	\$ 44,409,972	\$ 15,586,245	\$ 16,373,316	\$ 16,575,523	\$ 48,535,085	\$ 1,712,630	\$ (2,039,614)	\$ (3,798,128)	\$ (4,125,113)
<u>Pipeline Storages</u>												
(To)	\$ 146,978	\$ (146,495)	\$ (562,070)	\$ (561,587)	\$ (258,479)	\$ -	\$ (207,725)	\$ (466,204)	\$ 405,457	\$ (146,495)	\$ (354,345)	\$ (95,383)
From	\$ 4,804,805	\$ 4,821,933	\$ 2,249,902	\$ 11,876,640	\$ 6,197,617	\$ 7,332,293	\$ 3,649,688	\$ 17,179,598	\$ (1,392,812)	\$ (2,510,360)	\$ (1,399,786)	\$ (5,302,958)
Net Pipeline Storages	\$ 4,951,783	\$ 4,675,438	\$ 1,687,832	\$ 11,315,053	\$ 5,939,139	\$ 7,332,293	\$ 3,441,963	\$ 16,713,395	\$ (987,356)	\$ (2,656,855)	\$ (1,754,131)	\$ (5,398,342)
<u>LNG Storage</u>												
(To)	\$ (523,154)	\$ (568,994)	\$ (69,241)	\$ (1,161,389)	\$ (718,897)	\$ (748,681)	\$ (982,214)	\$ (2,449,792)	\$ 195,743	\$ 179,687	\$ 912,973	\$ 1,288,403
From	\$ 494,524	\$ 311,099	\$ 213,928	\$ 1,019,551	\$ 439,906	\$ 1,233,612	\$ 241,710	\$ 1,915,229	\$ 54,618	\$ (922,513)	\$ (27,782)	\$ (895,678)
Net LNG Storage	\$ (28,630)	\$ (257,895)	\$ 144,687	\$ (141,838)	\$ (278,991)	\$ 484,932	\$ (740,504)	\$ (534,563)	\$ 250,361	\$ (742,827)	\$ 885,191	\$ 392,725
Net Natural Gas	\$ 22,222,028	\$ 18,751,245	\$ 14,609,914	\$ 55,583,187	\$ 21,246,393.82	\$ 24,190,541	\$ 19,276,982	\$ 64,713,917	\$ 975,634	\$ (5,439,296)	\$ (4,667,068)	\$ (9,130,730)
<u>APPLICABLE GCR EXPENSES</u>												
Net Natural Gas Expense	\$ 22,222,028	\$ 18,751,245	\$ 14,609,914	\$ 55,583,187	\$ 21,246,394	\$ 24,190,541	\$ 19,276,982	\$ 64,713,917	\$ 975,634	\$ (5,439,296)	\$ (4,667,068)	\$ (9,130,730)
Purchased Electric & Misc	\$ 63,603	\$ 54,721	\$ 171,420	\$ 289,744	\$ 195,713	\$ 56,501	\$ 54,723	\$ 306,937	\$ (132,110)	\$ (1,780)	\$ 116,697	\$ (17,193)
Total GCR Expenses	\$ 22,285,631	\$ 18,805,966	\$ 14,781,334	\$ 55,872,931	\$ 21,442,107	\$ 24,247,042	\$ 19,331,705	\$ 65,020,854	\$ 843,524	\$ (5,441,076)	\$ (4,550,371)	\$ (9,147,923)