



PHILADELPHIA GAS WORKS

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August 31, 2020

Via E-Filing Only

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
400 North Street
Harrisburg, PA 17120

Re: Pa. PUC v. Philadelphia Gas Works (4th Quarter 2019-2020 GCR Filing Docket Number R-2019-3007636) and PUC v. Philadelphia Gas Works (1st Quarter 2020-2021 GCR Filing Docket Number R-2020-3017934).

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. 135;
- 2) PGW Gas Supplier Tariff, Pa. P.U.C. No. 1, Supplement No. 91; and
- 3) Supporting Schedules for PGW's 4th Quarter Gas Cost Rate filing.

These supplements are being filed to implement PGW's 4th Quarter 2019-2020 Gas Cost Rate ("GCR") consistent with the Commission's Order entered August 8, 2019 at Docket No. R-2019-3007636 approving PGW's 2019-2020 GCR and PGW's 1st Quarter 2020-2021 GCR consistent with the Commission's Order entered August 6, 2020 at Docket No. R-2020-3017934 approving PGW's 2020-2021 GCR. The tariff supplements are to become effective on September 1, 2020.



PHILADELPHIA GAS WORKS

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Respectfully,

/s/ Craig W. Berry

Craig W. Berry, Esquire

Enclosure

cc: Certificate of Service (email only)



CERTIFICATE OF SERVICE

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

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Dated: August 31, 2020

/s/ Craig W. Berry
Craig W. Berry, Esq.

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

Supplement No. 135

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 September 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 and Commission's Order entered August 6, 2020 at Docket No. R-2020-3017934 approving PGW's 2020-2021 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 September 1, 2020, decreases from \$0.00208 per Ccf to \$(0.07767) per Ccf.

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

In the definition of “IRC,” the IRC value effective September 1, 2020 is \$(0.00017) per Ccf. In the definition of “SSC,” the SSC value effective September 1, 2020, increases from \$0.35893 per Ccf to \$0.41857.

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

The Gas Cost Rate (GCR) effective September 1, 2020 decreases from \$0.36124 per Ccf to \$0.34107.

PRICE TO COMPARE (PAGE No. 78)

The Prices to Compare effective September 1, 2020 are: a) \$0.35772 per Ccf for Residential (GS-RES); b) \$0.34490 per Ccf for Public Housing Customers (GS-PH); (c) \$0.34701 per Ccf for Commercial (GS-COM); (d) \$0.34623 per Ccf for Industrial (GS-IND); (e) \$0.34490 per Ccf for Municipal Service (MS); (f) \$0.34490 per Ccf for Philadelphia Housing Authority (PHA); and, (g) \$0.34490 per Ccf for Natural Gas Vehicle Service (NGVS).

THE RESTRUCTURING AND CONSUMER EDUCATION SURCHARGE (PAGE No. 79)

The Restructuring and Consumer Education Surcharge effective September 1, 2020 decreases from \$0.00043 per Ccf to \$(0.00009) per Ccf.

EFFICIENCY COST RECOVERY SURCHARGE (PAGE No. 80)

The Efficiency Cost Recovery Surcharge rates effective September 1, 2020 are: a) \$0.00299 per Ccf for Residential and Public Housing Customers on Rate GS; b) \$(0.00248) per Ccf for Commercial Customers on Rate GS; c) \$(0.00337) per Ccf for Industrial Customers on Rate GS; and, d) \$(0.00248) per Ccf for The Philadelphia Housing Authority on Rate PHA.

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

The Universal Service and Energy Conservation Surcharge effective September 1, 2020 increases from \$0.11773 per Ccf to \$0.16379 per Ccf.

THE OTHER POST EMPLOYMENT BENEFIT (“OPEB”) SURCHARGE (PAGE No. 82)

The Other Post Employment Benefit (“OPEB”) Surcharge effective September 1, 2020 increases from \$0.03362 per Ccf to \$0.03473 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 September 1, 2020 decreases from \$0.36124 per Ccf to \$0.34107 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 (\$0.07673) per Ccf for Commodity Costs and \$(0.00094) per Ccf for Demand Costs, for service on or after September 1, 2020. The total GAC is (\$0.07767) per Ccf. (D)

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

(D) – Decrease

IRC - Interruptible Revenue Credit - The credit defined in Subsection VI below. The currently effective IRC is \$(0.00017) per Ccf for service on or after September 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 \$0.30078 per Ccf for Commodity Costs and \$0.11779 per Ccf for Demand Costs, for service on or after September 1, 2020. The total SSC is \$0.41857 per Ccf. (I)

(I) – Increase

III. COMPUTATION OF GAS COST RATE

PHILADELPHIA GAS WORKS

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 \$0.34107 per Ccf, for service on or after September 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	\$0.41875	\$0.41875	\$0.41875	\$0.41875	\$0.41875	\$0.41875	\$0.41875
GAC	(\$0.07767)	(\$0.07767)	(\$0.07767)	(\$0.07767)	(\$0.07767)	(\$0.07767)	(\$0.07767)
MFC	\$0.01282	\$0.0000	\$0.00211	\$0.00133	\$0.00000	\$0.00000	\$0.00000
GPC	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400	\$0.00400
PTC	\$0.35772	\$0.34490	\$0.34701	\$0.34623	\$0.34490	\$0.34490	\$0.34490

(C)

(C) – Change

RESTRUCTURING AND CONSUMER EDUCATION SURCHARGE

Non-Gas restructuring and consumer education costs, including the costs arising from implementation and administration of the Account Number Access Mechanism as specified in the Commission's Final Order entered on October 27, 2016, at Docket No. M-2015-2468991, will be recovered by a Restructuring and Consumer Education Surcharge applicable to all volumes of Gas delivered.

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

Current Restructuring and Consumer Education Surcharge = $\$(0.00009)/\text{Ccf}$

(D)

(D) - Decrease

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) \$0.00299 per Ccf for Residential and Public Housing Customers on Rate GS; | (I) |
| b) \$(0.00248) per Ccf for Commercial Customers on Rate GS; | (D) |
| c) \$(0.00337) per Ccf for Industrial Customers on Rate GS; | (D) |
| d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and | (NC) |
| e) \$(0.00248) per Ccf for The Philadelphia Housing Authority on Rate PHA. | (D) |

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

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

UNIVERSAL SERVICE AND ENERGY CONSERVATION SURCHARGE

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

1. The Surcharge will recover: 1) the discounts provided to Customers pursuant to the Customer Responsibility Program (CRP); 2) the discounts provided to Customers pursuant to the Senior Citizen Discount; 3) the costs of 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 = \$0.16397/Ccf. **(I)**

(I) - Increase

OTHER POST EMPLOYMENT BENEFIT (“OPEB”) SURCHARGE

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

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

Current Other Post Employment Benefit Rider Surcharge = \$0.03473/Ccf

(I)

(I) - Increase

GENERAL SERVICE - RATE GS

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

\$0.34107 per Ccf for Residential and Public Housing (D)
\$0.34107 per Ccf for Commercial Customers (D)
\$0.34107 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 September 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):

\$0.34107 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 September 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):

\$0.34107 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 September 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):

\$0.34107 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. 91

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 September 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 and Commission's Order entered August 6, 2020 at Docket No. R-2020-3017934 approving PGW's 2020-2021 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 September 1, 2020, is \$45.0116 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 \$45.0116 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:

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

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.

(I) – Increase

Supporting Schedules
September 1, 2020
4th QUARTER
GCR FILING

SEPTEMBER 1, 2020
4TH QUARTER GCR FILING

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Philadelphia Gas Works

Levelized Gas Cost Rate

September 1, 2020

Formula:
GCR = SSC + GAC - IRC

where:

	<u>Demand</u>	<u>Commodity</u>	<u>Total</u>	
S = Firm Sales (Mcf)			41,704,102	Schedule 2
<hr/>				
Net Natural Gas Expense	\$ 49,728,256	\$ 126,304,340	\$ 176,032,597	
Purchased Electric & Misc Expenses	\$ -	\$ 670,560	\$ 670,560	
C = Total Applicable GCR Expense	\$ 49,728,256	\$ 126,974,900	\$ 176,703,156	Schedule 3
<hr/>				
SSC = C / S	\$ 1.1924	\$ 3.0447	\$ 4.2371	
<hr/>				
Adjustment For:				
E-Factor Volumes (Mcf)			41,704,102	
Interest	\$ (164,656)	\$ (1,294,009)	\$ (1,458,665)	Schedule 5(a)
E-Factor Reconciliation	\$ (222,157)	\$ (30,369,415)	\$ (30,591,572)	Schedule 4(b)(c)
	\$ (386,813)	\$ (31,663,424)	\$ (32,050,237)	
<hr/>				
E = E-Factor	\$ (0.0093)	\$ (0.7592)	\$ (0.7685)	
<hr/>				
Interruptible Revenue Credit			\$ (69,819)	Schedule 9(a)
IRC = Interruptible Revenue Credit / S			\$ (0.0017)	
<hr/>				
Net Applicable GCR Expenses = C + E - Interruptible Revenue Credit			\$ 144,722,738	
<u>GCR = SSC + GAC - IRC</u>			\$ 3.4703	
<hr/>				
SSC in effect 9/01/20	\$ 1.1779	\$ 3.0078	\$ 4.1857	
GAC in effect 9/01/20	\$ (0.0094)	\$ (0.7673)	\$ (0.7767)	
IRC in effect 9/01/20			\$ 0.0017	
GCR in effect 9/01/20			\$ 3.4107	Schedule 7
<hr/>				
Recovery Test on:				
Firm Sales (Mcf)			41,704,102	
= GCR Projected Recovery		\$	142,326,234	
= Load Balancing Revenue		\$	2,336,511	
= LNG Sales Demand Revenue		\$	59,620	
= Total Projected Recovery		\$	144,722,365	Schedule 6
Compared To				
Net Applicable GCR Expenses		\$	144,722,738	
= Net Over/(Under) Recovery		\$	(373)	
<hr/>				
Degree Days			3,962	

Philadelphia Gas Works

Price To Compare (\$ / MCF)

September 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	\$3.4107	(\$0.7750)	\$4.1857	3.76%	\$0.1282	\$0.0400	(\$0.7767)	\$3.5772
Commercial GS	\$3.4107	(\$0.7750)	\$4.1857	0.62%	\$0.0211	\$0.0400	(\$0.7767)	\$3.4701
Industrial GS	\$3.4107	(\$0.7750)	\$4.1857	0.39%	\$0.0133	\$0.0400	(\$0.7767)	\$3.4623
Phila. Housing Authority (PHA)	\$3.4107	(\$0.7750)	\$4.1857	0.00%	\$0.0000	\$0.0400	(\$0.7767)	\$3.4490
Municipal (MS)	\$3.4107	(\$0.7750)	\$4.1857	0.00%	\$0.0000	\$0.0400	(\$0.7767)	\$3.4490
NGV Firm	\$3.4107	(\$0.7750)	\$4.1857	0.00%	\$0.0000	\$0.0400	(\$0.7767)	\$3.4490
Phila. Housing Authority (GS)	\$3.4107	(\$0.7750)	\$4.1857	0.00%	\$0.0000	\$0.0400	(\$0.7767)	\$3.4490

SALES & VOLUMES

SEPTEMBER 2020 THROUGH AUGUST 2021

MONTH		TOTAL	FIRM	BILLED	INTERRUPTIBLE	LNG	AIR	GCR FIRM	SENIOR	APPLICABLE
		VOLUMES	TRANSPORT	SALES	SALES	SALES	CONDITIONING	SALES	CITIZEN	VOLUMES
		1	2	3 = (1 - 2)	4	4A	4B	5 = (3 - 4 - 4A - 4B)	6	7 = (5 - 6 + 2)
SEPTEMBER	2020	1,058,194	198,597	859,597	2,047	4,110	157	853,284	2,270	1,049,611
OCTOBER		1,517,971	294,747	1,223,224	2,115	4,247	83	1,216,780	3,441	1,508,086
NOVEMBER		3,257,700	535,883	2,721,817	2,047	4,110	-	2,715,660	9,113	3,242,430
DECEMBER		5,944,594	916,332	5,028,262	2,115	4,247	-	5,021,901	17,449	5,920,783
JANUARY	2021	10,772,321	1,486,790	9,285,530	2,115	4,247	-	9,279,169	33,090	10,732,869
FEBRUARY		9,079,076	1,258,243	7,820,833	1,910	3,836	-	7,815,087	27,288	9,046,042
MARCH		7,229,328	1,014,058	6,215,270	2,115	4,247	-	6,208,909	21,039	7,201,928
APRIL		4,584,844	633,099	3,951,745	2,047	4,110	-	3,945,589	12,943	4,565,745
MAY		2,054,984	322,554	1,732,430	2,115	4,247	-	1,726,069	4,966	2,043,657
JUNE		1,333,480	245,933	1,087,547	2,047	4,110	50	1,081,341	2,512	1,324,762
JULY		1,189,092	224,965	964,127	2,115	4,247	282	957,483	2,132	1,180,316
AUGUST		<u>1,097,967</u>	<u>208,676</u>	<u>889,292</u>	<u>2,115</u>	<u>4,247</u>	<u>99</u>	<u>882,832</u>	<u>1,935</u>	<u>1,089,572</u>
TOTAL		49,119,551	7,339,876	41,779,675	24,903	50,000	670	41,704,102	138,177	48,905,801

**Projected Applicable Fuel Expense
SUMMARY
FY 2020-2021 4th Quarter Filing**

	SEPTEMBER 2020	OCTOBER 2020	NOVEMBER 2020	DECEMBER 2020	JANUARY 2021	FEBRUARY 2021	MARCH 2021	APRIL 2021	MAY 2021	JUNE 2021	JULY 2021	AUGUST 2021	TOTAL
NATURAL GAS BILLED													
DEMAND CHARGE	\$3,987,858	\$3,947,591	\$4,237,728	\$4,445,999	\$4,444,479	\$4,514,685	\$4,399,234	\$3,976,459	\$3,936,191	\$3,973,363	\$3,933,095	\$3,931,575	\$49,728,256
COMMODITY CHARGE	\$6,638,836	\$9,594,851	\$13,314,307	\$15,084,392	\$15,110,687	\$13,696,990	\$11,360,950	\$10,302,510	\$10,458,176	\$8,033,160	\$8,375,582	\$8,396,361	\$130,366,802
TOTAL NATURAL GAS BILLED	\$10,626,694	\$13,542,441	\$17,552,035	\$19,530,391	\$19,555,165	\$18,211,675	\$15,760,184	\$14,278,968	\$14,394,367	\$12,006,523	\$12,308,678	\$12,327,937	\$180,095,058
INTERRUPTIBLE & A/C CREDIT	\$5,015	\$5,515	\$5,793	\$6,091	\$6,028	\$5,462	\$5,810	\$5,651	\$5,865	\$5,793	\$6,714	\$6,217	\$69,955
SENDOUT VOLUME IN MCF	2,265	2,259	2,104	2,174	2,174	1,963	2,174	2,104	2,174	2,155	2,464	2,275	26,282
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	\$2.1417	\$2.3614	\$2.6632	\$2.7101	\$2.6820	\$2.6903	\$2.5850	\$2.5981	\$2.6093	\$2.6000	\$2.6357	\$2.6429	
GAS USED FOR UTILITY	\$18,668	\$20,953	\$62,089	\$98,900	\$142,856	\$100,121	\$75,258	\$60,013	\$33,969	\$21,054	\$24,525	\$30,442	\$688,849
NATURAL GAS TO STORAGE	(\$3,901,760)	(\$3,303,640)	(\$1,271,431)	(\$13,163)	\$0	\$0	(\$86,574)	(\$2,595,399)	(\$5,700,735)	(\$5,145,719)	(\$5,362,497)	(\$5,378,669)	(\$32,759,585)
FROM STORAGE PGW	\$21,944	\$340,438	\$898,133	\$6,037,108	\$9,145,003	\$6,648,133	\$6,126,616	\$1,605,687	\$118,356	\$0	\$0	\$0	\$30,941,419
FT FROM STORAGE	\$0	\$0	\$78,406	\$650,343	\$974,290	\$704,640	\$248,939	\$24,172	\$0	\$0	\$0	\$0	\$2,680,791
NET NATURAL GAS STORAGE	(\$3,879,816)	(\$2,963,202)	(\$373,298)	\$6,023,946	\$9,145,003	\$6,648,133	\$6,040,042	(\$989,712)	(\$5,582,379)	(\$5,145,719)	(\$5,362,497)	(\$5,378,669)	(\$1,818,166)
LNG TO STORAGE	\$0	\$0	(\$170,623)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$170,623)
FROM LNG PGW	(\$738,513)	(\$813,269)	(\$130,493)	\$754,568	\$1,212,877	\$1,122,866	\$478,177	(\$318,058)	(\$678,601)	(\$665,013)	(\$697,617)	(\$699,757)	(\$1,172,834)
FT FROM LNG	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
NET LNG STORAGE	(\$738,513)	(\$813,269)	(\$301,116)	\$754,568	\$1,212,877	\$1,122,866	\$478,177	(\$318,058)	(\$678,601)	(\$665,013)	(\$697,617)	(\$699,757)	(\$1,343,457)
LNG SALES FROM LNG TANK	\$11,251	\$11,625	\$11,221	\$11,683	\$11,861	\$10,907	\$12,263	\$12,028	\$12,412	\$11,995	\$12,394	\$12,394	\$142,035
SENDOUT VOLUMES (MCF)	4,110	4,247	4,110	4,247	4,247	3,836	4,247	4,110	4,247	4,110	4,247	4,247	50,000
@ AVG LNG COMMODITY RATE	\$2.7377	\$2.7376	\$2.7304	\$2.7511	\$2.7930	\$2.8436	\$2.8877	\$2.9268	\$2.9229	\$2.9189	\$2.9187	\$2.9187	
NET NATURAL GAS EXPENSE	\$5,973,430	\$9,727,877	\$16,798,518	\$26,192,230	\$29,752,300	\$25,866,184	\$22,185,072	\$12,893,505	\$8,081,142	\$6,156,948	\$6,204,931	\$6,200,457	\$176,032,597
APPLICABLE GCR EXPENSE													
NET NATURAL GAS EXPENSE	\$5,973,430	\$9,727,877	\$16,798,518	\$26,192,230	\$29,752,300	\$25,866,184	\$22,185,072	\$12,893,505	\$8,081,142	\$6,156,948	\$6,204,931	\$6,200,457	\$176,032,597
PURCHASED ELECTRIC & MISC	\$32,394	\$31,241	\$44,814	\$52,772	\$71,266	\$58,945	\$54,159	\$48,970	\$36,802	\$47,790	\$33,217	\$33,190	\$545,560
PLANALYTICS	\$0	\$0	\$0	\$0	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$125,000
TOTAL APPLICABLE EXPENSES	\$6,005,824	\$9,759,118	\$16,843,332	\$26,245,002	\$29,948,566	\$25,925,130	\$22,239,231	\$12,942,475	\$8,117,944	\$6,204,738	\$6,238,148	\$6,233,647	\$176,703,156
TOTAL GCR FIRM SALES	853,284	1,216,780	2,715,660	5,021,901	9,279,169	7,815,087	6,208,909	3,945,589	1,726,069	1,081,341	957,483	882,832	41,704,102

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

Rate	Split Month		Split Month		Split Month		Split Month		
	7/1/2019	9/1/2019	10/1/2019	12/1/2019	1/1/2020	3/1/2020	4/1/2020	6/1/2020	7/1/2020
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%

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

Actual Fiscal Year 2019-2020	Sep-2019	Oct-2019	Nov-2019	Dec-2019	Jan-2020	Feb-2020	Mar-2020	Apr-2020	May-2020	Jun-2020	Jul-2020	Aug-2020	FY2020
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Estimated	Total
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	2,513,054	1,210,783	859,773	889,141	39,081,925
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	\$ 9,836,103	\$ 4,556,636	\$ 3,114,149	\$ 3,211,932	\$ 173,007,189
Migration Rider Revenue Billed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Load Balancing Billed	\$ 210,704	\$ 218,471	\$ 226,215	\$ 214,762	\$ 214,524	\$ 217,993	\$ 216,107	\$ 218,025	\$ 222,086	\$ 221,439	\$ 176,662	\$ 184,575	\$ 2,541,563
LNG Sales Demand Charge Credit	\$ -	\$ 76,522	\$ 26,059	\$ 8,650	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 111,231
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	\$ 10,058,189	\$ 4,778,075	\$ 3,290,811	\$ 3,396,507	\$ 175,659,984
Natural Gas Refunds	\$ -	\$ 1,115	\$ -	\$ 65	\$ -	\$ -	\$ -	\$ 9,649	\$ -	\$ 7,260,413	\$ 9,505,503	\$ -	\$ 16,776,746
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	\$ 6,135,996	\$ 5,508,620	\$ 5,573,263	\$ 4,927,771	\$ 73,778,240
Supply Charges	\$ 1,884,811	\$ 3,919,177	\$ 12,954,389	\$ 16,806,918	\$ 15,966,168	\$ 12,643,264	\$ 8,566,017	\$ 6,185,423	\$ 3,073,686	\$ 1,872,767	\$ 1,297,880	\$ 1,290,621	\$ 86,461,121
Net Cost of Fuel	\$ 8,797,006	\$ 11,152,594	\$ 18,933,824	\$ 23,348,293	\$ 22,279,369	\$ 18,806,211	\$ 14,781,334	\$ 12,460,126	\$ 9,209,682	\$ 7,381,387	\$ 6,871,143	\$ 6,218,393	\$ 160,239,362

**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	18,806,211	31,149,694	99.1%	30,873,688	217,993	0	31,091,681	0	12,285,470	15,204,110
MARCH	14,781,334	20,698,926	99.7%	20,644,407	216,107	0	20,860,513	0	6,079,179	21,283,290
APRIL	12,460,126	13,680,885	100.5%	13,747,871	218,025	0	13,965,896	9,649	1,515,419	22,798,708
MAY	9,209,682	9,836,103	100.5%	9,884,264	222,086	0	10,106,350	0	896,668	23,695,376
JUNE	7,381,387	4,556,636	99.9%	4,554,210	221,439	0	4,775,649	7,260,413	4,654,676	28,350,052
JULY	6,871,143	3,114,149	99.4%	3,094,235	176,662	0	3,270,897	9,505,503	5,905,257	34,255,309
AUGUST	<u>6,218,393</u>	<u>3,211,932</u>	99.4%	<u>3,191,393</u>	<u>184,575</u>	<u>0</u>	<u>3,375,967</u>	<u>0</u>	<u>(2,842,425)</u>	31,412,884
Total	160,239,362	173,007,189		172,222,705	2,541,563	111,231	174,875,500	16,776,746	31,412,884	

**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	Actual	2,513,054	2,513,054	\$ 9,836,103	-0.6%	\$ (56,229)	\$ (856,827)
JUNE	Actual	1,210,783	1,210,783	\$ 4,556,636	0.0%	\$ (910)	\$ (857,737)
JULY	Actual	859,773	859,773	\$ 3,114,149	0.6%	\$ 17,931	\$ (839,806)
AUGUST	Estimated	889,141	889,141	\$ 3,211,932	0.6%	\$ 18,494	\$ (821,311)

**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
MAY	9,836,103	0.08%	8,069
JUNE	4,556,636	0.07%	3,336
JULY	3,114,149	0.06%	1,983
AUGUST	<u>3,211,932</u>	0.06%	<u>2,045</u>
TOTALS	173,007,189		133,201

**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
MAY	5,913,910	3,643,174	(2,270,736)	11,562,817
JUNE	5,287,181	1,702,724	(3,584,457)	7,978,360
JULY	5,396,601	1,171,785	(4,224,816)	3,753,544
AUGUST	<u>4,743,197</u>	<u>1,211,810</u>	<u>(3,531,387)</u>	222,157
TOTALS	71,125,446	71,347,604	222,157	

**FISCAL YEAR 2020
PHILADELPHIA GAS WORKS
INTEREST CALCULATION**

<u>MONTH</u>	NET COST	TOTAL	OVER/	INTEREST	TIME	INTEREST	INTEREST	TOTAL
	OF FUEL ⁽¹⁾	C FACTOR REVENUE BILLED ⁽¹⁾	(UNDER) RECOVERY 3 = (2 - 1)	RATE 4	FACTOR 5	EXPENSE 6 = (3*4*5)	NATURAL GAS REFUNDS ⁽²⁾ 7	INTEREST 8 = (6+7) 8
	1	2	3 = (2 - 1)	4	5	6 = (3*4*5)	7	8 = (6+7)
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 19	8,797,006	4,468,212	(4,328,794)	4.75%	18/12	(308,427)	-	(308,427)
OCTOBER	11,152,594	5,343,234	(5,809,360)	4.75%	17/12	(390,922)	95	(390,827)
NOVEMBER	18,933,824	14,988,896	(3,944,928)	4.75%	16/12	(249,845)	-	(249,845)
DECEMBER	23,348,293	28,846,441	5,498,148	4.75%	15/12	326,453	5	326,458
JANUARY 20	22,279,369	33,781,763	11,502,394	4.75%	14/12	637,424	-	637,424
FEBRUARY	18,806,211	31,091,681	12,285,470	4.75%	13/12	632,190	-	632,190
MARCH	14,781,334	20,860,513	6,079,179	4.75%	12/12	288,761	-	288,761
APRIL	12,460,126	13,965,896	1,505,770	4.75%	11/12	65,564	531	66,095
MAY	9,209,682	10,106,350	896,668	4.75%	10/12	35,493	-	35,493
JUNE	7,381,387	4,775,649	(2,605,738)	4.75%	9/12	(92,829)	326,719	233,890
JULY	6,871,143	3,270,897	(3,600,246)	4.75%	8/12	(114,008)	380,220	266,212
AUGUST	6,218,393	3,375,967	(2,842,425)	4.75%	7/12	(78,759)	-	(78,759)
Total	160,239,362	174,875,500	14,636,138			751,095	707,570	1,458,665

(1) See Schedule 4(b)

(2) See Schedule 5(b)

**FISCAL YEAR 2020
PHILADELPHIA GAS WORKS
INTEREST ON NATURAL GAS REFUNDS**

<u>MONTH</u>	NATURAL GAS REFUNDS ⁽¹⁾	INTEREST RATE	TIME FACTOR	INTEREST ON REFUNDS
	1	2	3	4=(1*2*3)
	(\$)			(\$)
SEPTEMBER 19	0	6.00%	18/12	0
OCTOBER	1,115	6.00%	17/12	95
NOVEMBER	0	6.00%	16/12	0
DECEMBER	65	6.00%	15/12	5
JANUARY 20	0	6.00%	14/12	0
FEBRUARY	0	6.00%	13/12	0
MARCH	0	6.00%	12/12	0
APRIL	9,649	6.00%	11/12	531
MAY	0	6.00%	10/12	0
JUNE	7,260,413	6.00%	9/12	326,719
JULY	9,505,503	6.00%	8/12	380,220
AUGUST	0	6.00%	7/12	0
TOTAL	16,776,746			707,570

**FISCAL YEAR 2020
PHILADELPHIA GAS WORKS
DEMAND AND COMMODITY INTEREST CALCULATION**

MONTH	OVER/(UNDER)	DEMAND CHARGE	COMMODITY CHARGE	INTEREST	TIME	DEMAND	COMMODITY	TOTAL	INTEREST ON	TOTAL
	RECOVERY (1)	OVER/(UNDER)	OVER/(UNDER)			INTEREST	INTEREST	INTEREST		REFUNDS (3)
	1	2	3=(1-2)	4	5	6=(2*4*5)	7=(3*4*5)	8=(6+7)	9	10=(8+9)
	(\$)	(\$)	(\$)			(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 19	(4,328,794)	(5,180,294)	851,500	4.75%	18/12	(369,096)	60,669	(308,427)	0	(308,427)
OCTOBER	(5,809,360)	(4,867,188)	(942,173)	4.75%	17/12	(327,521)	(63,400)	(390,922)	95	(390,827)
NOVEMBER	(3,944,928)	320,691	(4,265,620)	4.75%	16/12	20,310	(270,156)	(249,845)	0	(249,845)
DECEMBER	5,498,148	5,813,387	(315,240)	4.75%	15/12	345,170	(18,717)	326,453	5	326,458
JANUARY 20	11,502,394	8,601,077	2,901,317	4.75%	14/12	476,643	160,781	637,424	0	637,424
FEBRUARY	12,285,470	7,595,992	4,689,478	4.75%	13/12	390,877	241,313	632,190	0	632,190
MARCH	6,079,179	2,526,830	3,552,350	4.75%	12/12	120,024	168,737	288,761	0	288,761
APRIL	1,505,770	(976,943)	2,482,713	4.75%	11/12	(42,538)	108,101	65,564	531	66,095
MAY	896,668	(2,270,736)	3,167,403	4.75%	10/12	(89,883)	125,376	35,493	0	35,493
JUNE	(2,605,738)	(3,584,457)	978,719	4.75%	9/12	(127,696)	34,867	(92,829)	326,719	233,890
JULY	(3,600,246)	(4,224,816)	624,571	4.75%	8/12	(133,786)	19,778	(114,008)	380,220	266,212
AUGUST	(2,842,425)	(3,531,387)	688,961	4.75%	7/12	(97,849)	19,090	(78,759)	0	(78,759)
TOTAL FY 2020	14,636,138	222,157	14,413,980			164,656	586,439	751,095	707,570	1,458,665

CALCULATION OF RECOVERED CHARGES
4th Qtr Filing
September 1, 2020

	<u>50% September</u>	<u>11.5 Months</u>	<u>Total</u>
			(MCF) (\$)
S - Firm Sales (Mcf)	426,642	41,277,460	41,704,102
C-Factor	<u>\$ 3.5893</u>	<u>\$ 4.1857</u>	
Projected Recovery	1,531,346	172,775,065	\$ 174,306,410
S - Firm Sales (Mcf)	426,642	41,277,460	41,704,102
IRC-Factor	<u>\$ 0.0023</u>	<u>\$ 0.0017</u>	
Projected Recovery	981	70,172	\$ 71,153
E-Factor Volumes (Mcf)	426,642	41,277,460	41,704,102
E-Factor	<u>\$ 0.0208</u>	<u>\$ (0.7767)</u>	
Projected Recovery	8,874	(32,060,203)	\$ (32,051,329)
GCR (\$ / Mcf)	<u>\$ 3.6124</u>	<u>\$ 3.4107</u>	
<hr/>			
GCR Projected Recovery			\$ 142,326,234
Load Balancing Revenue			\$ 2,336,511
LNG Sales Demand Revenue			<u>\$ 59,620</u>
TOTAL PROJECTED RECOVERY			\$ 144,722,365

**Change In Rates
4th Quarter Filing
Rates Effective September 1, 2020**

Current Rates

	<u>06/01/20</u> <u>Distribution Charge</u> <u>(1)</u>	<u>06/01/20</u> <u>GCR</u> <u>(2)</u>	<u>06/01/20</u> <u>MFC</u> <u>(3)</u>	<u>06/01/20</u> <u>GPC</u> <u>(4)</u>	<u>06/01/20</u> <u>Commodity</u> <u>Rate</u> <u>(5)=(1)+(2)+(3)+(4)</u>
Residential GS	\$8.2359	\$3.6124	\$0.1358	\$0.0400	\$12.0241
Commercial GS	\$6.3665	\$3.6124	\$0.0224	\$0.0400	\$10.0413
Industrial GS	\$6.2806	\$3.6124	\$0.0141	\$0.0400	\$9.9471
Phila.Housing Authority (PHA)	\$6.5177	\$3.6124	\$0.0000	\$0.0400	\$10.1701
Municipal (MS)	\$5.7901	\$3.6124	\$0.0000	\$0.0400	\$9.4425
Phila.Housing Authority (GS)	\$7.2497	\$3.6124	\$0.0000	\$0.0400	\$10.9021

September 1, 2020 - Distribution Charge

	<u>Delivery</u> <u>Delivery</u> <u>Charge</u> <u>(6)</u>	<u>Surcharges</u>				<u>Total</u> <u>Total</u> <u>Surcharges</u> <u>(11)=(7)+(8)+(9)+(10)</u>	<u>Distribution</u> <u>Charge / Mcf</u> <u>(12)=(11)+(6)</u>
		<u>Other Post</u> <u>Employment</u> <u>Benefit</u> <u>(7)</u>	<u>Efficiency</u> <u>Cost</u> <u>Recovery</u> <u>(8)</u>	<u>Universal</u> <u>Service &</u> <u>Ener. Cons.</u> <u>(9)</u>	<u>Restructuring &</u> <u>Consumer</u> <u>Education</u> <u>(10)</u>		
Residential GS	\$6.6967	\$0.3473	\$0.0299	\$1.6397	(\$0.0009)	\$2.0160	\$8.7127
Commercial GS	\$4.8651	\$0.3473	(\$0.0248)	\$1.6397	(\$0.0009)	\$1.9613	\$6.8264
Industrial GS	\$4.7698	\$0.3473	(\$0.0337)	\$1.6397	(\$0.0009)	\$1.9524	\$6.7222
Phila.Housing Authority (PHA)	\$5.0163	\$0.3473	(\$0.0248)	\$1.6397	(\$0.0009)	\$1.9613	\$6.9776
Municipal (MS)	\$4.2723	\$0.3473	\$0.0000	\$1.6397	(\$0.0009)	\$1.9861	\$6.2584
Phila.Housing Authority (GS)	\$5.7105	\$0.3473	\$0.0299	\$1.6397	(\$0.0009)	\$2.0160	\$7.7265

Proposed Rates

	<u>09/01/20</u> <u>Distribution Charge</u> <u>(12)</u>	<u>09/01/20</u> <u>GCR</u> <u>(13)</u>	<u>09/01/20</u> <u>MFC</u> <u>(14)</u>	<u>09/01/20</u> <u>GPC</u> <u>(15)</u>	<u>09/01/20</u> <u>Commodity</u> <u>Rate</u> <u>(16)=(12)+(13)+(14)+(15)</u>	<u>Difference</u> <u>(17)=(16)-(5)</u>
Residential GS	\$8.7127	\$3.4107	\$0.1282	\$0.0400	\$12.2916	\$0.2675
Commercial GS	\$6.8264	\$3.4107	\$0.0211	\$0.0400	\$10.2982	\$0.2569
Industrial GS	\$6.7222	\$3.4107	\$0.0133	\$0.0400	\$10.1862	\$0.2391
Phila.Housing Authority (PHA)	\$6.9776	\$3.4107	\$0.0000	\$0.0400	\$10.4283	\$0.2582
Municipal (MS)	\$6.2584	\$3.4107	\$0.0000	\$0.0400	\$9.7091	\$0.2666
Phila.Housing Authority (GS)	\$7.7265	\$3.4107	\$0.0000	\$0.0400	\$11.1772	\$0.2751

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

	Expenses in the Surcharge
Enhanced Low Income Retrofit Program (ELIRP)	\$ 7,988,818
Customer Responsibility Program (CRP)	\$ 69,715,702
Conservation Incentive Credit	\$ -
Senior Citizen Discount *	\$ 1,825,667
<u>February 2020 Under Collection</u>	<u>\$ 612,633</u>
Total \$ to be Recovered	\$ 80,142,820
 Total Applicable Volumes	 Mcf 48,877,511
 Universal Service & Energy Conservation Surcharge	 <u>\$ 1.6397</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 \$2,061,524.

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

<u>Month</u>	<u>USC Applicable Volumes</u>	<u>USC Charge</u>	<u>USC Revenue Billed</u>	<u>USC Expenses</u>	<u>Monthly Over/(Under) Recovery</u>	<u>Cumulative Over/(Under) Recovery</u>
FY 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	Actual 2,857,151	\$ 1.1711	\$ 3,346,010	\$ 1,801,671	\$ 1,544,338	(\$8,208,386)
June	Actual 1,405,930	\$ 1.1742	\$ 1,650,858	\$ (826,578)	\$ 2,477,436	(\$5,730,950)
July	Actual 1,028,875	\$ 1.1773	\$ 1,211,316	\$ (1,814,776)	\$ 3,026,092	(\$2,704,859)
August	Estimated 1,086,814	\$ 1.1773	\$ 1,279,528	\$ (812,698)	\$ 2,092,226	(\$612,633)

<u>USC Expenses</u>	<u>Sep-19</u>	<u>Oct-19</u>	<u>Nov-19</u>	<u>Dec-19</u>	<u>Jan-20</u>	<u>Feb-20</u>	<u>Mar-20</u>	<u>Apr-20</u>	<u>May-20</u>	<u>Jun-20</u>	<u>Jul-20</u>	<u>Aug-20</u>	<u>FY2020 Total</u>
ELIRP Expense	\$ (5,610)	\$ 593,111	\$ 775,900	\$ 640,702	\$ 40,960	\$ 1,207,567	\$ 669,221	\$ 319,392	\$ 258,903	\$ 132,158	\$ 66,448	\$ 1,139,366	\$ 5,838,118
ELIRP Labor	\$ 22,492	\$ 10,117	\$ 23,353	\$ 14,485	\$ 15,485	\$ 16,569	\$ 14,372	\$ 14,311	\$ 21,452	\$ 13,229	\$ 16,554	\$ 25,220	\$ 207,639
Conservation Incentive Credit	\$ -	\$ 227,500	\$ 100	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 212,300	\$ -	\$ -	\$ 439,900
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	\$ 749,769	\$ (1,829,089)	\$ (2,596,908)	\$ (3,074,622)	\$30,460,513
CRP Forgiveness	\$ 732,550	\$ 803,371	\$ 766,558	\$ 653,112	\$ 653,527	\$ 582,602	\$ 671,480	\$ 537,175	\$ 619,514	\$ 565,550	\$ 635,731	\$ 1,038,752	\$ 8,259,923
Senior Citizen Discount	\$ 71,469	\$ 93,710	\$ 229,965	\$ 386,805	\$ 472,954	\$ 448,293	\$ 324,925	\$ 233,337	\$ 152,033	\$ 79,274	\$ 63,400	\$ 58,587	\$ 2,614,751
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	\$ 1,801,671	\$ (826,578)	\$ (1,814,776)	\$ (812,698)	\$47,820,843

<u>CRP Participation</u>												
Rate Case Participation Rate	60,000	60,000	60,000	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	55,324	55,638	55,750	
CRP Under/(Over) Participation	7,283	6,605	6,823	5,960	4,931	6,157	5,750	5,115	4,676	4,362	4,250	
<u>Average Shortfall Per CRP Participant</u>												
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	\$ 749,769	\$ (1,829,089)	\$ (2,596,908)	
Actual Participation Rate	52,717	53,395	53,177	54,040	55,069	53,843	54,250	54,885	55,324	55,638	55,750	
Average Shortfall per CRP Participant	\$ (46)	\$ (33)	\$ 44	\$ 139	\$ 198	\$ 194	\$ 122	\$ 64	\$ 14	\$ (33)	\$ (47)	
Shortfall*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bad Debt Expense Offset* 7.5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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

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	Actual \$ 8,069	\$ 315
June	Actual \$ 3,336	\$ 4,416
July	Actual \$ 1,983	\$ 1,194
August	Estimated \$ 2,045	\$ 1,582

Act/Est IRC Credit September 2019 to August 2020	<u>\$ 133,201</u>		
Act/Est Margin September 2019 to August 2020		<u>\$ 27,246</u>	<u>\$ 27,246</u>

FY 2019 Reconciliation Plus Act/Est Margin September 2019 August 2020 \$ (221,697)

FY 2019 Reconciliation Plus Act/Est Margin September 2019 August 2020		\$ (221,697)
Act/Est IRC Credit September 2019 to August 2020		<u>\$ 133,201</u>
Reconciliation as of August 31, 2020		\$ (88,496)
Margin - September 2020 through August 2021		<u>\$ 18,677</u> Schedule 9(b)
September 1, 2020 Interruptible Revenue Credit		\$ (69,819)

GCR Firm Sales **41,704,102** Schedule 2

September 1, 2020 IRC/Mcf \$ (0.0017)

INTERRUPTIBLE REVENUE MARGIN
4th Qtr Filing

<u>MONTH</u>		<u>MARGIN</u>
September-20	Estimated	\$ 1,535
October	Estimated	\$ 1,586
November	Estimated	\$ 1,535
December	Estimated	\$ 1,586
January-21	Estimated	\$ 1,586
February	Estimated	\$ 1,433
March	Estimated	\$ 1,586
April	Estimated	\$ 1,535
May	Estimated	\$ 1,586
March	Estimated	\$ 1,535
April	Estimated	\$ 1,586
May	Estimated	\$ 1,586
Total		\$ <u>18,677</u>

**INTERRUPTIBLE REVENUE CREDIT
FINALIZED RECONCILIATION FY 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)	\$ 483	
October	Actual \$ (2,115)	\$ 332	
November	Actual \$ (6,285)	\$ 532	
December	Actual \$ (34,967)	\$ 547	
January-19	Actual \$ (71,431)	\$ 603	
February	Actual \$ (75,899)	\$ 506	
March	Actual \$ (51,129)	\$ 479	
April	Actual \$ (21,530)	\$ 29	
May	Actual \$ (9,841)	\$ (181)	
June	Actual \$ (5,763)	\$ 476	
July	Actual \$ (3,680)	\$ 551	
August	Actual \$ (3,311)	\$ 15,871	
Actual IRC Credit September 2018 to August 2019	<u>\$ (287,497)</u>		
Actual Margin September 2018 to August 2019		<u>\$ 20,230</u>	<u>\$ 20,230</u>
FY 2018 Reconciliation Plus Actual Margin September 2018 to August 2019			<u>\$ 38,553</u>

FY 2018 Reconciliation Plus Actual Margin September 2018 to August 2019	\$ 38,553
Actual IRC Credit September 2018 to August 2019	<u>\$ (287,497)</u>
Reconciliation as of August 31, 2019	\$ (248,944)

**OTHER POST EMPLOYMENT BENEFIT (OPEB) SURCHARGE
FISCAL YEAR 2021**

FY 2019 Over/(Under) Recovery (\$176,056)

<u>Month</u>		<u>OPEB Volumes</u>	<u>OPEB Surcharge</u>	<u>Revenue Billed</u>
September 2019	Actual	1,141,774	\$0.3228	\$368,567
October	Actual	1,363,289	\$0.3362	\$458,345
November	Actual	3,767,742	\$0.3362	\$1,266,733
December	Actual	7,076,152	\$0.3362	\$2,379,038
January 2020	Actual	8,185,552	\$0.3362	\$2,752,023
February	Actual	7,537,547	\$0.3362	\$2,534,161
March	Actual	5,596,295	\$0.3362	\$1,881,502
April	Actual	4,042,420	\$0.3362	\$1,359,082
May	Actual	2,868,396	\$0.3362	\$964,369
June	Actual	1,410,071	\$0.3362	\$474,073
July	Actual	1,031,552	\$0.3362	\$346,813
<u>August</u>	Estimated	1,089,195	\$0.3362	<u>\$366,193</u>
Total		45,109,984		\$15,150,898

FY 2020 Act/Est OPEB & FY 2019 Reconciliation	\$14,974,842
FY 2020 Permitted Recovery	<u>\$16,000,000</u>
Over/(Under) Recovery	(<u>\$1,025,158</u>)

FY 2020 Under Recovery	\$1,025,158
FY 2021 Permitted Recovery	<u>\$16,000,000</u>
FY 2021 Recovery	\$17,025,158

FY 2021 Volumes	49,015,688
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FY 2021 OPEB Surcharge / Mcf	\$0.3473
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EFFICIENCY COST RECOVERY (ECR) SURCHARGE
SEPTEMBER 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	\$490,123	\$18,505	\$530	\$509,158
Labor Expense	\$54,286	\$2,050	\$59	\$56,394
Commercial & Industrial Retrofit Incentive (CIRI)				
Program Expense	\$32,860	\$131,440	\$0	\$164,300
Labor Expense	\$3,640	\$14,558	\$0	\$18,198
Commercial & Industrial Equipment Rebate (CIER)				
Program Expense	\$31,821	\$212,815	\$3,149	\$247,785
Labor Expense	\$3,524	\$23,571	\$349	\$27,445
High-Efficiency Construction Incentive (HECI)				
Program Expense	\$140,188	\$0	\$0	\$140,188
Labor Expense	\$15,527	\$0	\$0	\$15,527
EnergySense Smart Thermostat (THERM)				
Program Expense	\$160,392	\$6,056	\$0	\$166,447
Labor Expense	<u>\$17,765</u>	<u>\$671</u>	<u>\$0</u>	<u>\$18,436</u>
Total Expense	\$950,126	\$409,666	\$4,086	\$1,363,878
Prior Period Reconciliation (8/31/20)	<u>\$ 116,861</u>	<u>\$ (693,223)</u>	<u>\$ (34,393)</u>	<u>\$ (610,755)</u>
Total	\$1,066,987	-\$283,557	-\$30,308	\$753,123
Volumes - Mcf (GCR Firm & Firm Transportation)	35,671,551	11,429,703	899,212	

Efficiency Cost Recovery Surcharge / Mcf	\$0.0299	(\$0.0248)	(\$0.0337)
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**EFFICIENCY COST RECOVERY (ECR) SURCHARGE
STATEMENT OF RECONCILIATION
FISCAL YEAR 2020**

		Actual Sep-19	Actual Oct-19	Actual Nov-19	Actual Dec-19	Actual Jan-20	Actual Feb-20	Actual Mar-20	Actual Apr-20	Actual May-20	Actual Jun-20	Actual Jul-20	Estimated Aug-20
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	3,076,441	2,223,751	1,021,558	695,140	668,423
ECR Surcharge		\$ 0.0110	\$ 0.0166	\$ 0.0166	\$ 0.0094	\$ 0.0021	\$ 0.0021	\$ 0.0028	\$ 0.0035	\$ 0.0035	\$ 0.0125	\$ 0.0214	\$ 0.0214
Revenue Billed		\$ 7,371	\$ 13,966	\$ 43,920	\$ 48,920	\$ 12,927	\$ 11,932	\$ 11,702	\$ 10,768	\$ 7,783	\$ 12,718	\$ 14,876	\$ 14,304
RHER Expense		\$ 81,353	\$ 25,311	\$ 76,763	\$ 51,711	\$ 51,777	\$ 79,015	\$ 48,281	\$ 23,570	\$ 89,896	\$ 25,599	\$ 35,813	\$ 86,272
RHER Labor		\$ (1,539)	\$ 1,097	\$ 1,157	\$ 1,571	\$ 1,679	\$ 1,438	\$ 1,558	\$ 1,552	\$ 2,937	\$ 1,434	\$ 1,795	\$ 1,268
HECI Expense		\$ (78,991)	\$ 2,137	\$ (2,165)	\$ 2,404	\$ 3,299	\$ 35,946	\$ 9,039	\$ 262	\$ 4,545	\$ 4,639	\$ 18,527	\$ 290,497
HECI Labor		\$ (2,516)	\$ 222	\$ (463)	\$ 317	\$ 339	\$ 529	\$ 572	\$ 570	\$ (570)	\$ 526	\$ 659	\$ 4,043
CRR I Expense		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CRR I Labor		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIR I Expense		\$ (126,730)	\$ 3,504	\$ (1,914)	\$ 2,079	\$ 2,493	\$ (6,292)	\$ 6,354	\$ 324	\$ (2,602)	\$ 4,152	\$ 4,100	\$ 65,434
CIR I Labor		\$ (1,406)	\$ 234	\$ (451)	\$ 335	\$ 358	\$ (750)	\$ 708	\$ 705	\$ (1,285)	\$ 651	\$ 815	\$ 3,796
CIER Expense		\$ (9,535)	\$ 53	\$ (53)	\$ 55	\$ 24	\$ 16,754	\$ 813	\$ 63	\$ (631)	\$ 6,422	\$ 7,595	\$ (35,533)
CIER Labor		\$ (167)	\$ 3	\$ (6)	\$ 4	\$ 4	\$ 477	\$ 138	\$ 137	\$ (214)	\$ 127	\$ 159	\$ 1,457
Total		\$ (139,531)	\$ 32,560	\$ 72,867	\$ 58,478	\$ 59,975	\$ 127,117	\$ 67,462	\$ 27,183	\$ 92,076	\$ 43,551	\$ 69,462	\$ 417,235
Monthly Over/(Under)		\$ 146,903	\$ (18,594)	\$ (28,947)	\$ (9,558)	\$ (47,048)	\$ (115,185)	\$ (55,760)	\$ (16,415)	\$ (84,293)	\$ (30,833)	\$ (54,586)	\$ (402,930)
Cumulative Over/(Under)		\$ 747,287	\$ 728,693	\$ 699,747	\$ 690,189	\$ 643,141	\$ 527,956	\$ 472,196	\$ 455,781	\$ 371,488	\$ 340,656	\$ 286,069	\$ (116,861)
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	829,580	550,811	342,409	302,387	378,188
ECR Surcharge		\$ 0.0597	\$ 0.0552	\$ 0.0552	\$ 0.0399	\$ 0.0245	\$ 0.0245	\$ 0.0241	\$ 0.0236	\$ 0.0236	\$ 0.0036	\$ (0.0164)	\$ (0.0164)
Revenue Billed		\$ 25,256	\$ 25,735	\$ 53,182	\$ 62,872	\$ 42,161	\$ 38,368	\$ 28,798	\$ 19,578	\$ 12,999	\$ 1,233	\$ (4,959)	\$ (6,202)
RHER Expense		\$ 6,942	\$ 958	\$ 13	\$ 1,958	\$ 1,961	\$ 6,590	\$ 1,828	\$ 892	\$ 4,092	\$ 969	\$ 1,356	\$ (1,988)
RHER Labor		\$ 78	\$ 42	\$ (56)	\$ 59	\$ 64	\$ 175	\$ 59	\$ 59	\$ 135	\$ 54	\$ 68	\$ (133)
CRR I Expense		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CRR I Labor		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIR I Expense		\$ 31,849	\$ 5,820	\$ (3,225)	\$ 3,454	\$ 4,142	\$ (3,113)	\$ 1,589	\$ 81	\$ (2,192)	\$ 1,038	\$ 1,025	\$ (52,742)
CIR I Labor		\$ (3)	\$ 389	\$ (751)	\$ 557	\$ 595	\$ (1,033)	\$ 177	\$ 176	\$ (352)	\$ 163	\$ 204	\$ 807
CIER Expense		\$ (237,368)	\$ 9,789	\$ 2,925	\$ 10,232	\$ 4,402	\$ (13,956)	\$ 3,612	\$ 280	\$ (660)	\$ 28,542	\$ 33,756	\$ 96,341
CIER Labor		\$ (2,500)	\$ 525	\$ (695)	\$ 751	\$ 803	\$ (1,602)	\$ 612	\$ 609	\$ (1,082)	\$ 563	\$ 705	\$ 10,724
HECI Expense		\$ 256,197	\$ 1,746	\$ (1,267)	\$ 1,965	\$ 2,696	\$ (5,245)	\$ -	\$ -	\$ 75	\$ -	\$ -	\$ (256,168)
HECI Labor		\$ 5,726	\$ 181	\$ (378)	\$ 259	\$ 277	\$ (551)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (5,514)
Total		\$ 60,920	\$ 19,450	\$ (3,434)	\$ 19,236	\$ 14,940	\$ (18,736)	\$ 7,876	\$ 2,098	\$ 16	\$ 31,329	\$ 37,113	\$ (208,673)
Monthly Over/(Under)		\$ (35,664)	\$ 6,285	\$ 56,616	\$ 43,637	\$ 27,221	\$ 57,104	\$ 20,921	\$ 17,480	\$ 12,983	\$ (30,097)	\$ (42,072)	\$ 202,470
Cumulative Over/(Under)		\$ 320,674	\$ 326,959	\$ 383,576	\$ 427,212	\$ 454,433	\$ 511,537	\$ 532,459	\$ 549,939	\$ 562,922	\$ 532,825	\$ 490,753	\$ 693,223
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	39,362	30,983	24,117	30,909
ECR Surcharge		\$ (0.0225)	\$ (0.0150)	\$ (0.0150)	\$ (0.0231)	\$ (0.0312)	\$ (0.0312)	\$ (0.0202)	\$ (0.0091)	\$ (0.0091)	\$ (0.0081)	\$ (0.0070)	\$ (0.0070)
Revenue Billed		\$ (685)	\$ (569)	\$ (1,018)	\$ (2,614)	\$ (4,009)	\$ (3,293)	\$ (1,604)	\$ (509)	\$ (358)	\$ (249)	\$ (169)	\$ (216)
RHER Expense		\$ (1,724)	\$ 31	\$ (32)	\$ 64	\$ 64	\$ (129)	\$ 60	\$ 29	\$ (88)	\$ 32	\$ 44	\$ 2,484
RHER Labor		\$ (59)	\$ 1	\$ (3)	\$ 2	\$ 2	\$ (4)	\$ 2	\$ 2	\$ (4)	\$ 2	\$ 2	\$ 77
CIR I Expense		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIR I Labor		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CIER Expense		\$ 2	\$ 202	\$ (204)	\$ 211	\$ 91	\$ (307)	\$ 90	\$ 7	\$ (93)	\$ 714	\$ 844	\$ (3,110)
CIER Labor		\$ 13	\$ 11	\$ (24)	\$ 16	\$ 17	\$ (32)	\$ 15	\$ 15	\$ (31)	\$ 14	\$ 18	\$ 204
Total		\$ (1,769)	\$ 246	\$ (262)	\$ 293	\$ 174	\$ (472)	\$ 167	\$ 53	\$ (215)	\$ 761	\$ 908	\$ (346)
Monthly Over/(Under)		\$ 1,083	\$ (815)	\$ (756)	\$ (2,907)	\$ (4,183)	\$ (2,821)	\$ (1,771)	\$ (563)	\$ (143)	\$ (1,011)	\$ (1,077)	\$ 130
Cumulative Over/(Under)		\$ 50,309	\$ 49,494	\$ 48,738	\$ 45,831	\$ 41,648	\$ 38,827	\$ 37,057	\$ 36,494	\$ 36,351	\$ 35,341	\$ 34,264	\$ 34,393

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

Storage and Peaking Asset Cost		\$ 16,900,452
WSS Volumes MDQ	17,557.5	
Daily Demand Charge	\$0.45902	\$ 2,941,624
Total Charges		
Total Storage Charges		19,842,076
Design Day Requirements (Mcf)		698,361
Fulfilled from FT Capacity (Mcf)		(297,287)
WSS Storage Withdrawal Volumes MCF		<u>35,115</u>
Fulfilled from Storage and Peaking Assets (Excess Mcf)		436,189
<hr/>		
Annual Storage and Peaking Cost per Excess Mcf		\$ 45.4897
Per Mcf Over / (Under) Adjustment		\$ <u>0.4781</u>
Load Balancing Charge		\$ 45.0116

Over / (Under) Recovery	\$ 286,280
Interest	\$ <u>11,533</u>
Total Over/(Under) Recovery	\$ 297,813
Forecasted SSPC Volumes	622,909
Per Mcf Over / (Under) Adjustment	\$ 0.4781

**PHILADELPHIA GAS WORKS
LOAD BALANCING CHARGE RECONCILIATION
CALENDAR YEAR 2019**

		<u>2019</u>
Actual Storage and Peaking Cost		\$ 18,465,772
Prior Year Carryover		\$ <u>86,683</u>
		\$ 18,552,455
Design Day Requirements	Annual Mcf	695,932
Fulfilled from FT Capacity	Annual Mcf	<u>297,287</u>
Fulfilled from Storage and Peaking Assets	Annual Mcf	398,645
Annual Load Balancing Cost per Excess Mcf BTU Conversion	Annual \$ / Mcf	\$ 46.5388
		1.034
	Annual \$ / Dth	\$ <u>45.0085</u>
Monthly Charge /Dth		\$ 3.7507
Over/(Under) Recovery		\$ 286,280
Interest		\$ <u>11,533</u>
Carryover		\$ 297,813

LOAD BALANCING CHARGE

2019 EXPENSE

	<u>Jan-19</u>	<u>Feb-19</u>	<u>Mar-19</u>	<u>Apr-19</u>	<u>May-19</u>	<u>Jun-19</u>	<u>Jul-19</u>	<u>Aug-19</u>	<u>Sep-19</u>	<u>Oct-19</u>	<u>Nov-19</u>	<u>Dec-19</u>	<u>Total</u>
Transco	\$ 387,456	\$ 348,088	\$ 464,897	\$ 451,362	\$ 491,812	\$ 480,582	\$ 484,120	\$ 489,193	\$ 474,110	\$ 490,051	\$ 478,490	\$ 506,923	\$ 5,547,085
Tetco	\$ 669,373	\$ 669,197	\$ 662,379	\$ 614,496	\$ 602,614	\$ 1,092,185	\$ 1,076,001	\$ 1,066,494	\$ 1,060,050	\$ 1,054,899	\$ 1,072,904	\$ 1,066,556	\$ 10,707,147
Dominion	\$ 137,433	\$ 132,780	\$ 127,881	\$ 132,298	\$ 130,361	\$ 129,836	\$ 133,266	\$ 133,266	\$ 129,669	\$ 128,839	\$ 132,515	\$ 135,525	\$ 1,583,671
WSS /Transportation *	\$ 2,358	\$ 3,683	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22	\$ 287	\$ 3,250	\$ 104,392	\$ 113,992
Purchased Electric	\$ 57,891	\$ 57,891	\$ 54,981	\$ -	\$ 94,471	\$ 37,764	\$ 34,463	\$ 31,386	\$ 31,570	\$ 31,019	\$ 35,425	\$ 47,016	\$ 513,877
Total	\$ 1,254,511	\$ 1,211,640	\$ 1,310,138	\$ 1,198,156	\$ 1,319,259	\$ 1,740,367	\$ 1,727,850	\$ 1,720,339	\$ 1,695,421	\$ 1,705,095	\$ 1,722,584	\$ 1,860,413	\$ 18,465,772

2019 INTEREST CALCULATION

<u>MONTH *</u>	<u>LOAD BALANCING VOLUME (1) (DTH)</u>	<u>RATE (2) (\$)</u>	<u>LOAD BALANCING CHARGE (3)=(1)*(2) (\$)</u>	<u>CHARGES BILLED (4) (\$)</u>	<u>OVER/(UNDER) RECOVERY (5)=(4)-(3) (\$)</u>	<u>TIME FACTOR (6)</u>	<u>INTEREST RATE (7)</u>	<u>INTEREST EXPENSE (8)=(5)*(6)*(7) (\$)</u>
Jan-19	43,250	3.7507	162,218	138,538	(23,679)	18/12	5.75%	(2,042)
Feb-19	44,931	3.7507	168,523	143,923	(24,600)	17/12	5.50%	(1,917)
Mar-19	44,581	3.7507	167,210	195,309	28,099	16/12	5.25%	1,967
Apr-19	45,407	3.7507	170,308	198,928	28,620	15/12	5.25%	1,878
May-19	46,314	3.7507	173,710	202,902	29,192	14/12	5.25%	1,788
Jun-19	45,246	3.7507	169,704	202,716	33,011	13/12	5.25%	1,878
Jul-19	45,714	3.7507	171,460	204,812	33,353	12/12	5.00%	1,668
Aug-19	47,029	3.7507	176,392	210,704	34,312	11/12	4.75%	1,494
Sep-19	48,185	3.7507	180,727	218,471	37,743	10/12	4.75%	1,494
Oct-19	49,893	3.7507	187,134	226,215	39,081	9/12	4.50%	1,319
Nov-19	47,367	3.7507	177,659	214,762	37,103	8/12	4.50%	1,113
Dec-19	48,119	3.7507	180,480	214,524	34,044	7/12	4.50%	894
Total	556,036		2,085,524	2,371,804	286,280			11,533

* Revised.

Philadelphia Gas Works
Restructuring & Consumer Education Surcharge
FISCAL YEAR 2021

FY 2018 Over/(Under) Recovery

(\$147,623)

Schedule 14(b)

<u>Month</u>		<u>R&CE Volumes</u>	<u>R&CE Surcharge</u>	<u>Revenue Billed</u>
September 2019	Actual	1,141,774	\$0.0060	\$6,851
October	Actual	1,363,289	\$0.0043	\$5,862
November	Actual	3,767,742	\$0.0043	\$16,201
December	Actual	7,076,152	\$0.0043	\$30,427
January 2020	Actual	8,185,552	\$0.0043	\$35,198
February	Actual	7,537,547	\$0.0043	\$32,411
March	Actual	5,596,295	\$0.0043	\$24,064
April	Actual	4,042,420	\$0.0043	\$17,382
May	Actual	2,868,396	\$0.0043	\$12,334
June	Actual	1,410,071	\$0.0043	\$6,063
July	Actual	1,031,552	\$0.0043	\$4,436
<u>August</u>	Estimated	<u>1,089,195</u>	\$0.0043	<u>\$4,684</u>
Total		45,109,984		\$195,914

FY 2020 Act/Est R&CE & FY 2019 Reconciliation

\$48,291

FY 2020 Permitted Recovery

\$4,455

Schedule 14(c)

Over/(Under) Recovery

\$43,836

FY 2020 Over Recovery

\$43,836

FY 2021 Permitted Recovery

\$0

Schedule 14(c)

FY 2020 Recovery

(\$43,836)

FY 2021 Volumes

\$49,015,688

FY 2021 R&CE Surcharge / Mcf

(\$0.0009)

**Philadelphia Gas Works
Restructuring & Consumer Education Surcharge
FISCAL YEAR 2018**

FY 2017 Over/(Under) Recovery (\$500,193)

<u>Month</u>		<u>R&CE Volumes</u>	<u>R&CE Surcharge</u>	<u>Revenue Billed</u>
September 2017	Actual	1,164,741	\$0.0044	\$5,067
October	Actual	1,232,940	\$0.0077	\$9,494
November	Actual	3,049,396	\$0.0077	\$23,480
December	Actual	6,352,946	\$0.0077	\$48,918
January 2018	Actual	11,234,414	\$0.0077	\$86,505
February	Actual	7,773,775	\$0.0077	\$59,858
March	Actual	6,769,418	\$0.0077	\$52,125
April	Actual	5,974,099	\$0.0077	\$46,001
May	Actual	2,459,499	\$0.0077	\$18,938
June	Actual	1,296,164	\$0.0077	\$9,980
July	Actual	1,090,327	\$0.0077	\$8,396
<u>August</u>	Actual	<u>1,020,232</u>	\$0.0077	<u>\$7,856</u>
Total		49,417,951		\$376,616

FY 2018 Act/Est R&CE Recovery (\$123,577)

FY 2018 Actual Expenses \$24,046

Over/(Under) Recovery (\$147,623)

R&CE Recovery Forecasts

Calendar Year	2019				2020								2021
Fiscal Year	2020												2021
Month	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Annual Est
	Actual	Est	Est										
Capital													
POR Build (90%)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,455	\$ -
Access. Mech. (100%)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating													
Mailers (50%)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Access Mech. (100%)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Monthly Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,455	\$ -

Natural Gas Prices Used for PGW's - FY 2019-2020 - 4th Quarter GCR Filing

Basis Differentials

	TRANSCO					TETCO						NYMEX Futures 08/04/20 Close	TRANSCO										
	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	
	Aug-20													1.854									
Sep-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.193		2.08	2.05	2.17	2.18	2.26	2.13	2.11	2.06	2.09	2.09
Oct-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.334		2.22	2.19	2.31	2.32	2.40	2.27	2.25	2.20	2.23	2.23
Nov-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.669		2.56	2.53	2.65	2.66	2.74	2.61	2.59	2.54	2.57	2.57
Dec-20	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.965		2.86	2.83	2.95	2.96	3.04	2.91	2.89	2.84	2.87	2.87
Jan-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	3.065		2.96	2.93	3.05	3.06	3.14	3.01	2.99	2.94	2.97	2.97
Feb-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	3.024		2.91	2.88	3.00	3.01	3.09	2.96	2.94	2.89	2.92	2.92
Mar-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.907		2.80	2.77	2.89	2.90	2.98	2.85	2.83	2.78	2.81	2.81
Apr-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.640		2.53	2.50	2.62	2.63	2.71	2.58	2.56	2.51	2.54	2.54
May-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.605		2.50	2.47	2.59	2.60	2.68	2.55	2.53	2.48	2.51	2.51
Jun-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.637		2.53	2.50	2.62	2.63	2.71	2.58	2.56	2.51	2.54	2.54
Jul-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.676		2.57	2.54	2.66	2.67	2.75	2.62	2.60	2.55	2.58	2.58
Aug-21	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	2.684		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>May-20</u>	<u>Jun-20</u>	<u>Jul-20</u>
Williams	\$ 3,465,552.73	\$ 2,746,862.16	\$ 2,850,110.26
Texas Eastern	\$ 2,592,938.63	\$ 2,753,694.64	\$ 2,644,102.39
Dominion	\$ 128,370.51	\$ 128,402.43	\$ 124,834.70
Equitrans	\$ -	\$ -	\$ -
Spot Purchases -Transco	\$ 28,428.54	\$ 5,941.92	\$ 10,929.63
Spot Purchases -Tetco	\$ -	\$ -	\$ -
Transco Supply2	\$ -	\$ -	\$ -
Transco Supply3	\$ -	\$ -	\$ -
Transco Supply6	\$ -	\$ -	\$ -
Transco Supply7	\$ 349,437.50	\$ 110,115.00	\$ 1,937.50
Transco Supply8	\$ -	\$ -	\$ -
Transco Supply10	\$ -	\$ -	\$ -
Transco Supply12	\$ -	\$ -	\$ -
Transco Supply14	\$ 227,850.00	\$ 189,000.00	\$ 203,050.00
Transco Supply17	\$ -	\$ -	\$ -
Transco Supply20	\$ -	\$ -	\$ -
Transco Supply21	\$ -	\$ -	\$ -
Transco Supply22	\$ -	\$ -	\$ -
Transco Supply23	\$ -	\$ -	\$ -
Transco Supply24	\$ -	\$ -	\$ -
Transco Supply25	\$ -	\$ -	\$ -
Transco Supply26	\$ -	\$ -	\$ -
Transco Supply27	\$ -	\$ -	\$ -
Transco Supply28	\$ -	\$ -	\$ -
Transco Supply29	\$ 161,122.50	\$ 133,875.00	\$ 143,762.50
Transco Supply30	\$ 822,726.00	\$ 505,380.00	\$ 473,401.00
Transco Supply31	\$ -	\$ -	\$ -
Transco Supply32	\$ -	\$ -	\$ -
Transco Supply33	\$ -	\$ -	\$ -
Transco Supply34	\$ -	\$ -	\$ 229,012.50
Transco Supply35	\$ -	\$ -	\$ -
Transco Supply36	\$ -	\$ -	\$ -
Transco Supply37	\$ 635,263.78	\$ 489,909.60	\$ 530,630.72
Tetco Supply1	\$ 574,700.00	\$ 363,550.00	\$ 444,214.71
Tetco Supply2	\$ -	\$ -	\$ -
Tetco Supply3	\$ -	\$ -	\$ -
Tetco Supply4	\$ -	\$ -	\$ -
Tetco Supply5	\$ -	\$ -	\$ -
Tetco Supply7	\$ -	\$ -	\$ -
Tetco Supply13	\$ -	\$ -	\$ -
Tetco Supply14	\$ -	\$ -	\$ -
Tetco Supply16	\$ -	\$ -	\$ -
Tetco Supply17	\$ -	\$ -	\$ -
Tetco Supply18	\$ -	\$ -	\$ -
Tetco Supply19	\$ -	\$ -	\$ -
Tetco Supply20	\$ -	\$ -	\$ -
Tetco Supply21	\$ -	\$ -	\$ -
Tetco Supply22	\$ -	\$ -	\$ -
Tetco Supply23	\$ -	\$ -	\$ -
Tetco Supply24	\$ 218,550.00	\$ 184,500.00	\$ 167,694.36
Tetco Supply25	\$ -	\$ -	\$ -
Tetco Supply26	\$ 546,401.93	\$ 585,670.00	\$ 234,768.33
Tetco Supply27	\$ -	\$ -	\$ -
Tetco Supply28	\$ 435,550.00	\$ 367,500.00	\$ 333,876.86
Tetco Supply29	\$ -	\$ -	\$ -
Tetco Supply30	\$ -	\$ -	\$ -
Tetco Supply31	\$ -	\$ -	\$ -
Tetco Supply32	\$ -	\$ -	\$ -
Tetco Supply33	\$ -	\$ -	\$ -
Tetco Supply34	\$ 102,765.00	\$ 83,250.00	\$ 74,865.00
Tetco Supply35	\$ -	\$ -	\$ -
Tetco Supply36	\$ -	\$ -	\$ -
Total Costs	\$ 10,289,657	\$ 8,647,651	\$ 8,467,190
Sharing Mechanism	\$ 100,997	\$ 73,037	\$ 102,004
Asset Management Agreement	\$ -	\$ -	\$ -
Off System Sales	\$ -	\$ -	\$ -
Gas Transportation Purchases	\$ -	\$ -	\$ -
Adjustment/Reconciliation	\$ (2,349)	\$ 34,368	\$ 15,565
Total Natural Gas Billed	\$ 10,388,305	\$ 8,755,055	\$ 8,584,760

Philadelphia Gas Works Summary of Fuels Purchased Three Months Ending July 2020

	<u>Actual</u>				<u>Total</u>	<u>Projected 3rd Qtr Filing May-20</u>	<u>Projected 3rd Qtr Filing Jun-20</u>	<u>Projected 3rd Qtr Filing Jul-20</u>	<u>Total</u>	<u>Actual Over/Under vs Projected</u>			
	<u>May-20</u>	<u>Jun-20</u>	<u>Jul-20</u>							<u>May-20</u>	<u>Jun-20</u>	<u>Jul-20</u>	<u>Total</u>
Total Natural Gas Billed	\$ 10,388,305	\$ 8,755,055	\$ 8,584,760	\$ 27,728,120	\$ 10,518,387	\$ 9,778,608	\$ 10,489,716	\$ 30,786,711	\$ (130,082)	\$ (1,023,553)	\$ (1,904,956)	\$ (3,058,591)	
Less Imbalance Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Less Interruptible Credit	\$ 8,842	\$ 6,345	\$ 1,570	\$ 16,757	\$ 4,878	\$ 6,110	\$ 7,556	\$ 18,544	\$ 3,964	\$ 235	\$ (5,986)	\$ (1,787)	
Gas Used For Utility	\$ 27,939	\$ 12,169	\$ 8,785	\$ 48,893	\$ 13,736	\$ 18,147	\$ 18,207	\$ 50,090	\$ 14,203	\$ (5,978)	\$ (9,422)	\$ (1,197)	
	\$ 10,351,524	\$ 8,736,541	\$ 8,574,405	\$ 27,662,470	\$ 10,499,773	\$ 9,754,351	\$ 10,463,953	\$ 30,718,077	\$ (148,249)	\$ (1,017,810)	\$ (1,889,548)	\$ (3,055,607)	
<u>Pipeline Storages</u>													
(To)	\$ (1,428,221)	\$ (1,900,383)	\$ (1,900,094)	\$ (5,228,698)	\$ (2,262,202)	\$ (2,736,884)	\$ (3,210,391)	\$ (8,209,477)	\$ 833,981	\$ 836,501	\$ 1,310,297	\$ 2,980,779	
From	\$ 134,356	\$ 315,467	\$ (5,712)	\$ 444,111	\$ -	\$ -	\$ -	\$ -	\$ 134,356	\$ 315,467	\$ (5,712)	\$ 444,111	
Net Pipeline Storages	\$ (1,293,865)	\$ (1,584,916)	\$ (1,905,806)	\$ (4,784,587)	\$ (2,262,202)	\$ (2,736,884)	\$ (3,210,391)	\$ (8,209,477)	\$ 968,337	\$ 1,151,968	\$ 1,304,585	\$ 3,424,890	
<u>LNG Storage</u>													
(To)	\$ (70,340)	\$ 14,714	\$ -	\$ (55,626)	\$ (181,633)	\$ (7,342)	\$ -	\$ (188,975)	\$ 111,293	\$ 22,056	\$ -	\$ 133,349	
From	\$ 184,825	\$ 180,269	\$ 180,025	\$ 545,119	\$ 234,628	\$ 226,140	\$ 233,660	\$ 694,429	\$ (49,803)	\$ (45,871)	\$ (53,635)	\$ (149,310)	
Net LNG Storage	\$ 114,485	\$ 194,983	\$ 180,025	\$ 489,493	\$ 52,995	\$ 218,799	\$ 233,660	\$ 505,454	\$ 61,490	\$ (23,816)	\$ (53,635)	\$ (15,961)	
Net Natural Gas	\$ 9,172,144	\$ 7,346,608	\$ 6,848,624	\$ 23,367,376	\$ 8,290,565.48	\$ 7,236,265	\$ 7,487,223	\$ 23,014,053	\$ 881,579	\$ 110,343	\$ (638,599)	\$ 353,323	
<u>APPLICABLE GCR EXPENSES</u>													
Net Natural Gas Expense	\$ 9,172,144	\$ 7,346,608	\$ 6,848,624	\$ 23,367,376	\$ 8,290,565	\$ 7,236,265	\$ 7,487,223	\$ 23,014,053	\$ 881,579	\$ 110,343	\$ (638,599)	\$ 353,323	
Purchased Electric & Misc	\$ 37,538	\$ 34,779	\$ 22,519	\$ 94,836	\$ 36,644	\$ 34,051	\$ 32,814	\$ 103,508	\$ 894	\$ 728	\$ (10,295)	\$ (8,672)	
Total GCR Expenses	\$ 9,209,682	\$ 7,381,387	\$ 6,871,143	\$ 23,462,212	\$ 8,327,209	\$ 7,270,316	\$ 7,520,036	\$ 23,117,562	\$ 882,473	\$ 111,071	\$ (648,893)	\$ 344,650	