



**PHILADELPHIA GAS WORKS**

800 West Montgomery Avenue • Philadelphia, PA 19122

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May 31, 2022

**Via E-Filing Only**

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

**Re: PUC v. Philadelphia Gas Works (3rd Quarter 2021-2022 GCR Filing Docket Number R-2021-3023970).**

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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. 150;
- 2) PGW Gas Supplier Tariff, Pa. P.U.C. No. 1, Supplement No. 101; and
- 3) Supporting Schedules for PGW's 3<sup>rd</sup> Quarter Gas Cost Rate filing.

These supplements are being filed to implement PGW's 3<sup>rd</sup> Quarter 2021-2022 GCR consistent with the Commission's Order entered August 26, 2021 at Docket No. R-2021-3023970 approving PGW's 2021-2022 GCR. The tariff supplements are to become effective on June 1, 2022.

Respectfully,

/s/ Craig W. Berry  
Craig W. Berry, Esquire

Enclosure

cc: Certificate of Service (email only)



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**CERTIFICATE OF SERVICE**

I hereby certify that this day I served a copy of PGW's 3<sup>rd</sup> Quarter 2021-2022 GCR 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: May 31, 2022

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

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

Supplement No. 150

**PHILADELPHIA GAS WORKS**  
**GAS SERVICE TARIFF**



Issued by: Seth Shapiro  
President and CEO

PHILADELPHIA GAS WORKS  
800 West Montgomery Avenue  
Philadelphia, PA 19122

Rates to become effective June 1, 2022 in accordance with  
the Commission's Order entered August 26, 2021 at Docket No. R-2021-3023970  
approving PGW's 2021-2022 Gas Cost Rate

**List of Changes Made by this Tariff Supplement**

**TABLE OF CONTENTS (PAGE Nos. 6-7)**

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

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

In the definition of “GAC,” the GAC value effective June 1, 2022, increases from \$(0.01727) per Ccf to \$(0.01505).

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

In the definition of “IRC,” the IRC value effective June 1, 2022, is \$0.00093 per Ccf. In the definition of “SSC,” the SSC value effective June 1, 2022, increases from \$0.57932 per Ccf to \$0.91655 per Ccf.

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

The Gas Cost Rate (GCR) effective June 1, 2022, increases from \$0.56123 per Ccf to \$0.90057 per Ccf.

**PRICE TO COMPARE (PAGE No. 78)**

The Prices to Compare effective June 1, 2022 are: a) \$0.93810 per Ccf for Residential (GS-RES); b) \$0.93810 per Ccf for Public Housing Customers (GS-PH); (c) \$0.91370 per Ccf for Commercial (GS-COM); (d) \$0.90928 per Ccf for Industrial (GS-IND); (e) \$0.90550 per Ccf for Municipal Service (MS); (f) \$0.90550 per Ccf for Philadelphia Housing Authority (PHA); and, (g) \$0.90550 per Ccf for Natural Gas Vehicle Service (NGVS).

**EFFICIENCY COST RECOVERY SURCHARGE (PAGE No. 80)**

The Efficiency Cost Recovery Surcharge rates effective June 1, 2022 are: a) \$0.00180 per Ccf for Residential and Public Housing Customers on Rate GS; b) \$0.00183 per Ccf for Commercial Customers on Rate GS; c) \$(0.00055) per Ccf for Industrial Customers on Rate GS; and, d) \$0.00183 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, 2022 increases from \$0.16331 per Ccf to \$0.20884 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, 2022 increases from \$0.56123 per Ccf to \$0.90057 per Ccf.

## TABLE OF CONTENTS

	<u>Page Number</u>
List of Changes Made By This Tariff_____	One Hundred Forty Third Revised 2
Description of Territory Served_____	5
Table of Contents_____	One Hundred Forty Second Revised 6
Definitions_____	Second Revised 10
<b><u>RULES and REGULATIONS:</u></b>	
1. The Gas Service Tariff_____	First Revised 15
2. Application and Contract for Gas Service_____	Sixth Revised 17
3. Credit and Deposit_____	Third Revised 21
4. Billing and Payment_____	Second Revised 26
5. Termination and/or Discontinuance of Gas Service_____	Second Revised 30
6. Termination of Service for Safety Reasons and Curtailment of Service/ Service Continuity_____	First Revised 38
7. Inquiry, Review, Dispute, and Appeals Process_____	First Revised 41
8. Customer's Responsibility for Company's Property_____	First Revised 44
9. Conditions of Service, Point of Delivery, and Application of Rates_____	Third Revised 47
10. Extensions and Rights-Of-Way_____	First Revised 50
11. Meters: Measurements, Readings, Errors, and Tests_____	First Revised 53
12. Service Charges and Miscellaneous Fees and Provisions_____	Second Revised 57
13. Universal Service And Energy Conservation Programs_____	Second Revised 59
14. Gas Choice Enrollment and Switching_____	First Revised 63
15. Supplier of Last Resort_____	First Revised 63

	<u>Page Number</u>
<b>RATES (Cover Page)</b> _____	<b>66</b>
<b>Gas Cost Rate</b> _____	<b>Ninety First Revised 67</b>
<b>Revenue Reconciliation Adjustment (RAA) Rider</b> _____	<b>70</b>
<b>Senior Citizen Discount</b> _____	<b>First Revised 72</b>
<b>Exit Fee Rider</b> _____	<b>77</b>
<b>Merchant Function &amp; Gas Procurement Charges; Price to Compare</b> _____	<b>Forty Eighth Revised 78</b>
<b>Efficiency Cost Recovery Mechanism</b> _____	<b>Fifty Ninth Revised 80</b>
<b>Universal Services Surcharge</b> _____	<b>Ninety Fourth Revised 81</b>
<b>Other Post Employment Benefit Surcharge</b> _____	<b>Nineteenth Revised 82</b>
<b>General Service – Rate GS</b> _____	<b>One Hundred Sixth Revised 83</b>
<b>Municipal Service – Rate MS</b> _____	<b>One Hundred Sixth Revised 87</b>
<b>Philadelphia Housing Authority Service – Rate PHA</b> _____	<b>One Hundred Sixth Revised 90</b>
<b>Daily Balancing Service – Rate DB</b> _____	<b>101</b>
<b>Interruptible Transportation Service – Rate IT</b> _____	<b>111</b>
<b>Gas Transportation Service – Rate GTS – Firm Service</b> _____	<b>118</b>
<b>Gas Transportation Service – Rate GTS – Interruptible</b> _____	<b>124</b>
<b>Cogeneration Service – Rate CG</b> _____	<b>Fifth Revised 131</b>
<b>Developmental Natural Gas Vehicle Service – Rate NGVS Firm Service</b> _____	<b>Seventy Fourth Revised 135</b>
<b>Developmental Natural Gas Vehicle Service – Rate NGVS Interruptible Service</b> _____	<b>139</b>
<b>SPECIAL PROVISION – Air Conditioning Rider</b> _____	<b>143</b>
<b>SPECIAL PROVISION – Compressed Natural Gas Rider</b> _____	<b>145</b>
<b>SPECIAL PROVISION – Emergency/Unauthorized Use Gas Rider</b> _____	<b>147</b>
<b>Weather Normalization Adjustment Clause</b> _____	<b>Fourth Revised 149</b>
<b>Distribution System Improvement Charge</b> _____	<b>Twenty Fourth Revised 151</b>
<b>Backup Service – Rate BUS</b> _____	<b>First Revised 154</b>
<b>Technology and Economic Development Rider and Micro-Combined Heat and Power Incentives</b> _____	<b>First Revised 155</b>
<b>Negotiated Liquefied Natural Gas Service – Rate LNG-N</b> _____	<b>First Revised 156</b>

**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.

(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 (\$0.00949) per Ccf for Commodity Costs and (\$0.00556) per Ccf for Demand Costs, for service on or after June 1, 2022. The total GAC is (\$0.01505) 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 \$0.00093 per Ccf for service on or after June 1, 2022.

**(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 \$0.72151 per Ccf for Commodity Costs and \$0.19504 per Ccf for Demand Costs, for service on or after June 1, 2022. The total SSC is \$0.91655 per Ccf.

**(I)**

**(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 \$0.90057 per Ccf, for service on or after June 1, 2022.

**(I)**

IV. REPORTING REQUIREMENTS

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

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

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

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

V. PROVISION FOR INCLUSION OF SPECIFIC NON-GAS EXPENSES

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

VI. INTERRUPTIBLE REVENUE CREDIT (IRC)

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

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

**(I) – Increase**

### 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: 3.62% - GS Residential (“GS RES”); 3.62% - GS Public Housing (“GS PHA”); 0.91% - GS Commercial (“GS COM”); and 0.42% - 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	
<b>SSC</b>	<b>\$0.91655</b>	<b>\$0.91655</b>	<b>\$0.91655</b>	<b>\$0.91655</b>	<b>\$0.91655</b>	<b>\$0.91655</b>	<b>\$0.91655</b>	<b>(C)</b>
<b>GAC</b>	<b>(\$0.01505)</b>	<b>(\$0.01505)</b>	<b>(\$0.01505)</b>	<b>(\$0.01505)</b>	<b>(\$0.01505)</b>	<b>(\$0.01505)</b>	<b>(\$0.01505)</b>	<b>(C)</b>
<b>MFC</b>	<b>\$0.03260</b>	<b>\$0.03260</b>	<b>\$0.00820</b>	<b>\$0.00378</b>	<b>\$0.00000</b>	<b>\$0.00000</b>	<b>\$0.00000</b>	<b>(C)</b>
<b>GPC</b>	<b>\$0.00400</b>	<b>\$0.00400</b>	<b>\$0.00400</b>	<b>\$0.00400</b>	<b>\$0.00400</b>	<b>\$0.00400</b>	<b>\$0.00400</b>	<b>(C)</b>
<b>PTC</b>	<b>\$0.93810</b>	<b>\$0.93810</b>	<b>\$0.91370</b>	<b>\$0.90928</b>	<b>\$0.90550</b>	<b>\$0.90550</b>	<b>\$0.90550</b>	<b>(C)</b>

(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) \$0.00180 per Ccf for Residential and Public Housing Customers on Rate GS; | (D)  |
| b) \$0.00183 per Ccf for Commercial Customers on Rate GS;                     | (D)  |
| c) \$(0.00055) per Ccf for Industrial Customers on Rate GS;                   | (D)  |
| d) \$0.00000 per Ccf for Municipal Customers on Rate MS; and                  | (NC) |
| e) \$0.00183 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.

**(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 = \$0.20884/Ccf.

**(I)**

**(I) - Increase**

**GENERAL SERVICE - RATE GS**

Rate: Applicable to all Retail Sales Service or Transportation Service rendered pursuant to this Rate Schedule on or after June 1, 2022. **(C)**

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. Not available for back-up service, refer to Rate BUS.

RATES

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

\$ 14.90 per month for Residential and Public Housing Authority Customers.  
\$ 25.35 per month for Commercial Customers  
\$ 75.90 per month for Industrial Customers

Surcharge: Distribution System Improvement Charge.

Plus,

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

\$0.90057 per Ccf for Residential and Public Housing **(I)**  
\$0.90057 per Ccf for Commercial Customers **(I)**  
\$0.90057 per Ccf for Industrial Customers **(I)**

Plus,

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

(A) Delivery Charge:

\$0.72955 per Ccf for Residential  
\$0.65393 per Ccf for Public Housing  
\$0.51908 per Ccf for Commercial Customers  
\$0.51668 per Ccf for Industrial Customers

(B) Surcharges:

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

**(I) – Increase; (C) - Change**

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, 2022.

**(C)**

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):

\$ 25.35 per month

Surcharge: Distribution System Improvement Charge.

Plus,

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

\$0.90057 per Ccf

**(I)**

Plus,

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

(A) Delivery Charge:

\$0.47765 per Ccf

(B) Surcharges:

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

**(I) – Increase, (C) – Change**

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, 2022.

**(C)**

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);

\$25.35 per month

Surcharge: Distribution System Improvement Charge.

Plus,

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

\$0.90057 per Ccf

**(I)**

Plus

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

(A) Delivery Charge:

\$0.54534 per Ccf

(B) Surcharges:

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

**(I) – Increase, (C) – Change**

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, 2022.

**(C)**

**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):

\$0.90057 per Ccf

**(I)**

Plus

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

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

\$0.12833 per Ccf

(B) Surcharges:

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

**(I) – Increase, (C) - Change**

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. 101

**PHILADELPHIA GAS WORKS**  
**GAS SUPPLIER TARIFF**



Issued by: Seth Shapiro  
President and CEO

PHILADELPHIA GAS WORKS  
800 West Montgomery Avenue  
Philadelphia, PA 19122

Rates to become effective June 1, 2022 in accordance with  
the Commission's Order entered August 26, 2021 at Docket No. R-2021-3023970  
approving PGW's 2021-2022 Gas Cost Rate

**List of Changes Made by this Tariff**

**TABLE OF CONTENTS (Page No. 6)**

Updated to reflect revised page numbers.

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

The load balancing charge effective June 1, 2022, is \$61.3399 per design day Mcf.

**TABLE OF CONTENTS**

	<u>Page Number</u>
List of Changes Made By This Tariff _____	Ninety Ninth Revised 2
Checksheet _____	First Revised 4
Description of Territory Served _____	5
Table of Contents _____	Ninety Eighth Revised 6
Table of Contents (continued) _____	7
Definitions _____	Second Revised 10
<b><u>RULES and REGULATIONS:</u></b>	
1. The Supplier Tariff _____	14
2. Availability _____	16
3. Character of Service _____	18
4. Supplier Qualification _____	20
5. Customer List _____	First Revised 23
6. Supplier Selection Procedures _____	First Revised 26
7. Supplier Obligations _____	First Revised 29
8. Operational Requirements _____	33
9. Special Provisions _____	37
10. Nomination Procedure _____	42
11. Financial Security _____	44
12. Supplier Billing and Payment _____	First Revised 46
13. Supplier Exit Procedures _____	First Revised 52
14. Breach of Obligations _____	57
15. Standards of Conduct _____	60

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 \$61.3399 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.

"S<sub>1</sub>" – 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.

"S<sub>2</sub>" – forecasted Mcf of load balancing volumes during the projected period when rates will be in effect.

**(I) – Increase**

Supporting Schedules  
June 1, 2022  
3rd QUARTER  
GCR FILING

**June 1, 2022**

**3rd QUARTER GCR FILING**

**TABLE OF CONTENTS**

<b>Levelized Gas Cost Rate .....</b>	<b>Schedule 1</b>
<b>Price To Compare (\$/MCF) .....</b>	<b>Schedule 1(a)</b>
<b>Sales &amp; Volumes .....</b>	<b>Schedule 2</b>
<b>Projected Applicable Fuel Expense .....</b>	<b>Schedule 3</b>
<b>Fiscal Year 2022 Actual Data – September 2021 Through April 2022 .....</b>	<b>Schedule 4(a)</b>
<b>C-Factor Reconciliation – September 2021 Through April 2022 .....</b>	<b>Schedule 4(b)</b>
<b>E-Factor Reconciliation – Fiscal Year 2022 .....</b>	<b>Schedule 4(c)</b>
<b>IRC-Factor Revenue Billed – September 2021 Through April 2022 .....</b>	<b>Schedule 4(d)</b>
<b>Reconciliation of Demand Charges – September 2021 Through April 2022 .....</b>	<b>Schedule 4(e)</b>
<b>Interruptible Revenue Credit – June 1, 2022 .....</b>	<b>Schedule 5(a)</b>
<b>Interruptible Revenue Margin – June 2022 Through May 2023 .....</b>	<b>Schedule 5(b)</b>
<b>Calculation of Recovered Charges .....</b>	<b>Schedule 6</b>
<b>Changes in Rates .....</b>	<b>Schedule 7</b>
<b>Universal Service &amp; Energy Conservation (USC) Surcharge .....</b>	<b>Schedule 8</b>
<b>USC Statement of Reconciliation – September 2021 To May 2022 .....</b>	<b>Schedule 9</b>
<b>Efficiency Cost Recovery (ECR) Surcharge .....</b>	<b>Schedule 10(a)</b>
<b>ECR Statement of Reconciliation – September 2021 To May 2022 .....</b>	<b>Schedule 10(b)</b>
<b>Load Balancing Surcharge – June 1, 2022 .....</b>	<b>Schedule 11</b>
<b>Natural Gas Prices .....</b>	<b>Schedule 12</b>
<b>Actual Natural Gas Billed .....</b>	<b>Schedule 13</b>
<b>Summary of Fuels Purchased .....</b>	<b>Schedule 14</b>

## Philadelphia Gas Works

## Levelized Gas Cost Rate

June 1, 2022

Formula:

GCR = SSC + GAC - IRC

where:

	<u>Demand</u>	<u>Commodity</u>	<u>Total</u>	
S = Firm Sales (Mcf)			40,161,408	Schedule 2
<hr/>				
Net Natural Gas Expense	\$ 81,660,616	\$ 294,182,820	\$ 375,843,436	
Purchased Electric & Misc Expense:	\$ -	\$ 574,115	\$ 574,115	
Total Natural Gas Expense	\$ 81,660,616	\$ 294,756,934	\$ 376,417,550	Schedule 3
C-Factor Reconciliation	\$ (2,849,978)	\$ (3,206,170)	\$ (6,056,148)	Schedule 4(b)
C = Total Applicable GCR Expense	\$ 78,810,638	\$ 291,550,764	\$ 370,361,402	
SSC = C / S	\$ 1.9623	\$ 7.2595	\$ 9.2218	
<hr/>				
Adjustment For:				
E-Factor Volumes (Mcf)			2,438,171	
E-Factor Reconciliation	\$ (2,739,457)	\$ (4,672,493)	\$ (7,411,950)	Schedule 4(c)
	\$ (2,739,457)	\$ (4,672,493)	\$ (7,411,950)	
E = E-Factor	\$ (1.1236)	\$ (1.9164)	\$ (3.0400)	
<hr/>				
Interruptible Revenue Credit			\$ 374,428	Schedule 5(a)
IRC = Interruptible Revenue Credit / S			\$ 0.0093	
<hr/>				
Net Applicable GCR Expenses = C + E - Interruptible Revenue Credit			\$ 362,575,025	
<u>GCR = SSC + GAC - IRC</u>			\$ 6.1725	
<hr/>				
SSC in effect 6/01/22	\$ 1.9504	\$ 7.2151	\$ 9.1655	
GAC in effect 6/01/22	\$ (0.0556)	\$ (0.0949)	\$ (0.1505)	
IRC in effect 6/01/22			\$ (0.0093)	
GCR in effect 6/01/22			\$ 9.0057	Schedule 6
<hr/>				
Recovery Test on:				
Firm Sales (Mcf)			40,161,408	
= GCR Projected Recovery		\$	360,146,946	
= Load Balancing Revenue		\$	2,378,388	
= LNG Sales Demand Revenue		\$	52,953	
= Total Projected Recovery		\$	362,578,286	Schedule 6
Compared To				
Net Applicable GCR Expenses		\$	362,575,025	
= Net Over/(Under) Recovery		\$	3,261	
<hr/>				
Degree Days			3,893	

## Philadelphia Gas Works

## Price To Compare (\$ / MCF)

June 1, 2022

	<b>GCR</b>	<b>GCA</b>	<b>SSC</b>	<b>MFC</b>	<b>MFC Charge</b>	<b>GPC Charge</b>	<b>GAC</b>	<b>Price to Compare</b>
	<b>1</b>	<b>2</b>	<b>3 = ( 1 - 2 )</b>	<b>4</b>	<b>5 = ( 1 * 4 )</b>	<b>6</b>	<b>7</b>	<b>8 = ( 3+ 5 + 6 + 7 )</b>
<b>Residential GS</b>	\$9.0057	(\$0.1598)	\$9.1655	3.62%	\$0.3260	\$0.0400	(\$0.1505)	\$9.3810
<b>Commercial GS</b>	\$9.0057	(\$0.1598)	\$9.1655	0.91%	\$0.0820	\$0.0400	(\$0.1505)	\$9.1370
<b>Industrial GS</b>	\$9.0057	(\$0.1598)	\$9.1655	0.42%	\$0.0378	\$0.0400	(\$0.1505)	\$9.0928
<b>Phila. Housing Authority (PHA)</b>	\$9.0057	(\$0.1598)	\$9.1655	0.00%	\$0.0000	\$0.0400	(\$0.1505)	\$9.0550
<b>Municipal (MS)</b>	\$9.0057	(\$0.1598)	\$9.1655	0.00%	\$0.0000	\$0.0400	(\$0.1505)	\$9.0550
<b>NGV Firm</b>	\$9.0057	(\$0.1598)	\$9.1655	0.00%	\$0.0000	\$0.0400	(\$0.1505)	\$9.0550
<b>Phila. Housing Authority (GS)</b>	\$9.0057	(\$0.1598)	\$9.1655	3.62%	\$0.3260	\$0.0400	(\$0.1505)	\$9.3810

## SALES & VOLUMES

JUNE 2022 THROUGH MAY 2023

MONTH		TOTAL	FIRM	BILLED	INTERRUPTIBLE	LNG	AIR	GCR FIRM	SENIOR	APPLICABLE
		VOLUMES	TRANSPORT	SALES	SALES	SALES	CONDITIONING	SALES	CITIZEN	VOLUMES
		1	2	3 = (1 - 2)	4	4A	4B	5 = (3 - 4 - 4A - 4B)	6	7 = (5 - 6 + 2)
JUNE	2022	1,148,862	207,837	941,025	32,546	3,922	67	904,491	2,431	1,109,897
JULY		1,008,664	184,949	823,715	33,631	4,052	30	786,001	2,032	968,918
AUGUST		962,154	176,792	785,362	33,631	4,052	-	747,679	1,914	922,557
SEPTEMBER		1,068,649	174,274	894,376	32,546	1,644	23	860,163	1,846	1,032,591
OCTOBER		1,432,289	244,091	1,188,198	33,631	1,699	-	1,152,868	2,586	1,394,373
NOVEMBER		3,127,594	478,990	2,648,604	32,546	1,644	-	2,614,414	7,047	3,086,357
DECEMBER		5,724,305	833,089	4,891,215	33,631	1,699	-	4,855,886	13,571	5,675,403
JANUARY	2023	10,480,351	1,410,876	9,069,474	33,631	1,699	-	9,034,145	26,294	10,418,727
FEBRUARY		8,907,501	1,197,482	7,710,019	30,376	1,534	-	7,678,109	21,986	8,853,605
MARCH		6,824,100	933,752	5,890,349	33,631	1,699	-	5,855,019	16,243	6,772,528
APRIL		4,536,485	606,075	3,930,410	32,546	1,644	-	3,896,220	10,567	4,491,727
MAY		<u>2,115,666</u>	<u>303,922</u>	<u>1,811,744</u>	<u>33,631</u>	<u>1,699</u>	<u>-</u>	<u>1,776,414</u>	<u>4,271</u>	<u>2,076,066</u>
		47,336,621	6,752,129	40,584,492	395,979	26,985	120	40,161,408	110,788	46,802,749

**Projected Applicable Fuel Expense  
SUMMARY  
FY21-22 3rd Quarter Filing**

	<b>JUNE 2022</b>	<b>JULY 2022</b>	<b>AUGUST 2022</b>	<b>SEPTEMBER 2022</b>	<b>OCTOBER 2022</b>	<b>NOVEMBER 2022</b>	<b>DECEMBER 2022</b>	<b>JANUARY 2023</b>	<b>FEBRUARY 2023</b>	<b>MARCH 2023</b>	<b>APRIL 2023</b>	<b>MAY 2023</b>	<b>TOTAL</b>
<b>NATURAL GAS BILLED</b>													
DEMAND CHARGE	\$ 7,421,267	\$ 7,416,209	\$ 7,415,220	\$ 6,234,141	\$ 6,188,552	\$ 6,645,742	\$ 6,984,557	\$ 6,982,578	\$ 7,038,337	\$6,936,721	\$6,221,418	\$6,175,873	\$81,660,616
COMMODITY CHARGE	\$ 16,601,547	\$ 17,264,543	\$ 17,211,436	\$ 21,446,812	\$ 30,368,860	\$ 30,808,782	\$ 36,562,635	\$ 32,226,256	\$ 32,364,816	\$25,483,662	\$18,086,901	\$16,290,466	\$294,716,715
<b>TOTAL NATURAL GAS BILLED</b>	<b>\$24,022,814</b>	<b>\$24,680,751</b>	<b>\$24,626,656</b>	<b>\$27,680,953</b>	<b>\$36,557,411</b>	<b>\$37,454,524</b>	<b>\$43,547,191</b>	<b>\$39,208,834</b>	<b>\$39,403,154</b>	<b>\$32,420,383</b>	<b>\$24,308,320</b>	<b>\$22,466,339</b>	<b>\$376,377,331</b>
INTERRUPTIBLE & A/C CREDIT	\$ 255,559	\$ 265,945	\$ 265,293	\$ 257,741	\$ 276,492	\$ 262,621	\$ 258,969	\$ 252,238	\$ 228,343	\$230,731	\$142,362	\$114,676	\$2,810,971
SENDOUT VOLUME IN MCF	33,381	34,453	34,423	33,336	34,423	33,312	34,423	34,423	31,091	34,423	33,312	34,423	405,422
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	\$ 7.4041	\$ 7.4652	\$ 7.4535	\$ 7.4775	\$ 7.7681	\$ 7.6244	\$ 7.2758	\$ 7.0867	\$ 7.1028	\$6.4825	\$4.1330	\$3.2219	
GAS USED FOR UTILITY	\$ 60,539	\$ 43,024	\$ 44,168	\$ 61,237	\$ 74,142	\$ 182,972	\$ 302,530	\$ 360,238	\$ 363,012	\$211,792	\$84,101	\$46,525	\$1,834,280
<b>NATURAL GAS TO STORAGE</b>	<b>\$ (9,721,174)</b>	<b>\$ (10,143,010)</b>	<b>\$ (10,130,104)</b>	<b>\$ (14,114,000)</b>	<b>\$ (13,430,053)</b>	<b>\$ (88,450)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (5,871,063)</b>	<b>\$ (11,405,511)</b>	<b>(\$74,903,368)</b>
FROM STORAGE PGW	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,721,141	\$ 16,077,641	\$ 29,865,755	\$ 20,589,633	\$13,721,968	\$169,141	\$0	\$83,145,278
FT FROM STORAGE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,811	\$ 1,372,975	\$ 2,146,432	\$ 1,568,739	\$467,629	\$23,972	\$0	\$5,705,557
<b>NET NATURAL GAS STORAGE</b>	<b>(\$9,721,174)</b>	<b>(\$10,143,010)</b>	<b>(\$10,130,104)</b>	<b>(\$14,114,000)</b>	<b>(\$13,430,053)</b>	<b>\$2,632,690</b>	<b>\$16,077,641</b>	<b>\$29,865,755</b>	<b>\$20,589,633</b>	<b>\$13,721,968</b>	<b>(\$5,701,923)</b>	<b>(\$11,405,511)</b>	<b>\$8,241,910</b>
<b>LNG TO STORAGE</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (1,706)</b>	<b>\$ (1,005,337)</b>	<b>\$ (3,118,021)</b>	<b>\$ (1,551,337)</b>	<b>\$ (976,951)</b>	<b>\$ (1,391,355)</b>	<b>(\$1,882,558)</b>	<b>(\$694,415)</b>	<b>(\$289,026)</b>	<b>(\$10,910,707)</b>
FROM LNG PGW	\$ 289,707	\$ 299,364	\$ 299,364	\$ 273,929	\$ 290,802	\$ 313,004	\$ 1,047,970	\$ 1,562,006	\$ 1,283,069	\$410,672	\$401,873	\$415,497	\$6,887,257
FT FROM LNG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0
<b>NET LNG STORAGE</b>	<b>\$ 289,707</b>	<b>\$ 299,364</b>	<b>\$ 299,364</b>	<b>\$ 272,224</b>	<b>\$ (714,536)</b>	<b>\$ (2,805,017)</b>	<b>\$ (503,367)</b>	<b>\$ 585,055</b>	<b>\$ (108,286)</b>	<b>\$ (1,471,887)</b>	<b>\$ (292,542)</b>	<b>\$ 126,471</b>	<b>(\$4,023,450)</b>
LNG SALES FROM LNG TANK	\$ 13,601	\$ 14,055	\$ 14,055	\$ 5,701	\$ 5,892	\$ 6,049	\$ 7,256	\$ 7,689	\$ 7,213	\$8,390	\$8,455	\$8,749	\$107,104
SENDOUT VOLUMES (MCF)	3,922	4,052	4,052	1,644	1,699	1,644	1,699	1,699	1,534	1,699	1,644	1,699	26,985
@ AVG LNG COMMODITY RATE	\$ 3.4683	\$ 3.4683	\$ 3.4683	\$ 3.4683	\$ 3.4686	\$ 3.6798	\$ 4.2717	\$ 4.5264	\$ 4.7013	\$4.9391	\$5.1435	\$5.1507	
<b>NET NATURAL GAS EXPENSE</b>	<b>\$14,261,648</b>	<b>\$14,514,081</b>	<b>\$14,472,400</b>	<b>\$13,514,497</b>	<b>\$22,056,297</b>	<b>\$36,830,555</b>	<b>\$58,552,710</b>	<b>\$69,039,480</b>	<b>\$59,285,932</b>	<b>\$44,219,552</b>	<b>\$18,078,936</b>	<b>\$11,017,348</b>	<b>\$375,843,436</b>
<b>APPLICABLE GCR EXPENSE</b>													
NET NATURAL GAS EXPENSE	\$14,261,648	\$14,514,081	\$14,472,400	\$13,514,497	\$22,056,297	\$36,830,555	\$58,552,710	\$69,039,480	\$59,285,932	\$44,219,552	\$18,078,936	\$11,017,348	\$375,843,436
PURCHASED ELECTRIC & MISC	\$ 45,928	\$ 30,391	\$ 39,654	\$ 31,196	\$ 35,412	\$ 34,418	\$ 33,599	\$ 44,990	\$ 40,513	\$40,218	\$39,778	\$33,017	\$449,115
PLANALYTICS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$125,000
<b>TOTAL APPLICABLE EXPENSES</b>	<b>\$14,307,575</b>	<b>\$14,544,472</b>	<b>\$14,512,054</b>	<b>\$13,545,692</b>	<b>\$22,091,708</b>	<b>\$36,864,974</b>	<b>\$58,586,309</b>	<b>\$69,209,471</b>	<b>\$59,326,445</b>	<b>\$44,259,770</b>	<b>\$18,118,715</b>	<b>\$11,050,365</b>	<b>\$376,417,550</b>
<b>TOTAL GCR FIRM SALES</b>	<b>904,491</b>	<b>786,001</b>	<b>747,679</b>	<b>860,163</b>	<b>1,152,868</b>	<b>2,614,414</b>	<b>4,855,886</b>	<b>9,034,145</b>	<b>7,678,109</b>	<b>5,855,019</b>	<b>3,896,220</b>	<b>1,776,414</b>	<b>40,161,408</b>

**ACTUAL DATA - FISCAL YEAR 2022  
PHILADELPHIA GAS WORKS**

Rate	7/1/2021	Split Month 9/1/2021	10/1/2021	Split Month 12/1/2021	1/1/2022	Split Month 3/1/2022	4/1/2022	Split Month 6/1/2022	7/1/2022
	SSC in Effect	\$ 3.7609	\$ 4.5385	\$ 5.3160	\$ 5.8509	\$ 6.3857	\$ 6.0895	\$ 5.7932	\$ 7.4794
GAC in Effect	\$ (0.1882)	\$ (0.3121)	\$ (0.4360)	\$ (0.4020)	\$ (0.3680)	\$ (0.2704)	\$ (0.1727)	\$ (0.1616)	\$ (0.1505)
IRC in Effect	\$ (0.0027)	\$ (0.0041)	\$ (0.0055)	\$ (0.0066)	\$ (0.0077)	\$ (0.0080)	\$ (0.0082)	\$ (0.0088)	\$ (0.0093)
Total Effective	\$ 3.5700	\$ 4.2223	\$ 4.8745	\$ 5.4423	\$ 6.0100	\$ 5.8112	\$ 5.6123	\$ 7.3090	\$ 9.0057
<b>Percentage of Total</b>									
C-Factor	105.3%	107.5%	109.1%	107.5%	106.3%	104.8%	103.2%	102.3%	101.8%
E-Factor	-5.3%	-7.4%	-8.9%	-7.4%	-6.1%	-4.7%	-3.1%	-2.2%	-1.7%
IRC-Factor	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

<b>C-Factor</b>									
Demand Charge in Effect	\$ 0.9933	\$ 1.2648	\$ 1.5362	\$ 1.7106	\$ 1.8850	\$ 1.7017	\$ 1.5184	\$ 1.7344	\$ 1.9504
Commodity in Effect	\$ 2.7676	\$ 3.2737	\$ 3.7798	\$ 4.1403	\$ 4.5007	\$ 4.3878	\$ 4.2748	\$ 5.7450	\$ 7.2151
Total Effective	\$ 3.7609	\$ 4.5385	\$ 5.3160	\$ 5.8509	\$ 6.3857	\$ 6.0895	\$ 5.7932	\$ 7.4794	\$ 9.1655
<b>Percentage of Total</b>									
Demand Charge in Effect	26.4%	27.9%	28.9%	29.2%	29.5%	27.9%	26.2%	23.2%	21.3%
Commodity in Effect	73.6%	72.1%	71.1%	70.8%	70.5%	72.1%	73.8%	76.8%	78.7%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%

Fiscal Year 2021 E-Factor	C-Factor Over/(Under)	E-Factor Over/(Under)	Interest Over/(Under)	FY 2021 Final E-Factor
\$ 10,417,313	\$ 7,629,647	\$ 499,391	\$ 18,546,351	

Actual Fiscal Year 2021-2022	REVISED Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Apr-2022
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
GCR Firm Sales	913,407	1,029,990	2,908,995	5,546,970	7,591,287	7,891,365	5,564,386	3,807,596
GCR Revenue Billed	\$ 3,980,567	\$ 5,014,637	\$ 14,188,678	\$ 31,177,480	\$ 45,391,847	\$ 47,376,566	\$ 32,056,069	\$ 21,393,377
Migration Rider Revenue Billed	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Load Balancing Billed	\$ 183,531	\$ 207,616	\$ 212,570	\$ 178,011	\$ 205,700	\$ 208,528	\$ 208,725	\$ 221,239
LNG Sales Demand Charge Credit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue Billed	\$ 4,164,097	\$ 5,222,253	\$ 14,401,248	\$ 31,355,492	\$ 45,597,548	\$ 47,585,094	\$ 32,264,793	\$ 21,614,617
Natural Gas Refunds	\$ -	\$ 14,453	\$ 113,192	\$ -	\$ 244	\$ -	\$ -	\$ -
Demand Charges	\$ 5,636,125	\$ 5,752,507	\$ 4,703,963	\$ 4,781,251	\$ 4,778,180	\$ 4,704,373	\$ 8,318,213	\$ 3,152,715
Supply Charges	\$ 3,534,014	\$ 7,336,296	\$ 24,103,958	\$ 25,764,113	\$ 35,827,074	\$ 33,096,090	\$ 22,449,513	\$ 13,384,827
Net Cost of Fuel	\$ 9,170,138	\$ 13,088,803	\$ 28,807,921	\$ 30,545,364	\$ 40,605,254	\$ 37,800,462	\$ 30,767,726	\$ 16,537,542

**FISCAL YEAR 2022  
PHILADELPHIA GAS WORKS  
C-FACTOR RECONCILIATION**

MONTH	NET COST	TOTAL	C FACTOR	C FACTOR	LOAD BALANCING	LNG SALES GCR	TOTAL	NATURAL GAS	OVER/	CUMULATIVE
	OF FUEL	GCR		REVENUE			REVENUE		C FACTOR	
	1	2	3	4 = ( 2 * 3 )	5	6	7 = ( 4 + 5 + 6 )	8	9 = ( 7 + 8 - 1 )	10
	(\$)	(\$)		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
SEPTEMBER 2021	9,170,138	3,980,567	107.5%	4,278,667	183,531	0	4,462,198	0	(4,707,940)	(4,707,940)
OCTOBER	13,088,803	5,014,637	109.1%	5,468,829	207,616	0	5,676,445	14,453	(7,397,904)	(12,105,844)
NOVEMBER	28,807,921	14,188,678	109.1%	15,473,795	212,570	0	15,686,365	113,192	(13,008,364)	(25,114,208)
DECEMBER	30,545,364	31,177,480	107.5%	33,518,262	178,011	0	33,696,273	0	3,150,909	(21,963,299)
JANUARY 2022	40,605,254	45,391,847	106.3%	48,229,404	205,700	0	48,435,104	244	7,830,094	(14,133,205)
FEBRUARY	37,800,462	47,376,566	106.3%	50,338,192	208,528	0	50,546,720	0	12,746,258	(1,386,947)
MARCH	30,767,726	32,056,069	104.8%	33,591,256	208,725	0	33,799,981	0	3,032,254	1,645,307
APRIL	16,537,542	21,393,377	103.2%	22,082,945	221,239	0	22,304,185	0	5,766,643	7,411,950

**FISCAL YEAR 2022  
PHILADELPHIA GAS WORKS  
E-FACTOR RECONCILIATION**

		GCR SALES 1 (MCF)	TOTAL E-FACTOR VOLUMES 2 (MCF)	TOTAL GCR REVENUE BILLED 3 (\$)	E-FACTOR % of GCR 4	E-FACTOR GCR REVENUE BILLED 5=( 3 * 4 ) (\$)	OVER/(UNDER) PROJECTED RECOVERY 6 (\$)
<b>PRIOR YEAR E-FACTOR MONTH</b>							\$ 18,546,351
<b>SEPTEMBER 2021</b>	<b>Actual</b>	913,407	913,407	\$ 3,980,567	-7.4%	\$ (294,235)	\$ 18,252,115
<b>OCTOBER</b>	<b>Actual</b>	1,029,990	1,029,990	\$ 5,014,637	-8.9%	\$ (448,535)	\$ 17,803,581
<b>NOVEMBER</b>	<b>Actual</b>	2,908,995	2,908,995	\$ 14,188,678	-8.9%	\$ (1,269,107)	\$ 16,534,473
<b>DECEMBER</b>	<b>Actual</b>	5,546,970	5,546,970	\$ 31,177,480	-7.4%	\$ (2,302,972)	\$ 14,231,502
<b>JANUARY 2022</b>	<b>Actual</b>	7,591,287	7,591,287	\$ 45,391,847	-6.1%	\$ (2,779,401)	\$ 11,452,101
<b>FEBRUARY</b>	<b>Actual</b>	7,891,365	7,891,365	\$ 47,376,566	-6.1%	\$ (2,900,928)	\$ 8,551,173
<b>MARCH</b>	<b>Actual</b>	5,564,386	5,564,386	\$ 32,056,069	-4.7%	\$ (1,491,333)	\$ 7,059,840
<b>APRIL</b>	<b>Actual</b>	3,807,596	3,807,596	\$ 21,393,377	-3.1%	\$ (658,311)	\$ 6,401,530
<b>MAY</b>	<b>Estimated</b>	1,999,894	1,999,894	\$ 11,224,007	-3.1%	\$ (345,382)	\$ 6,056,148
<hr/>							
<b>JUNE</b>	<b>Estimated</b>	904,491	904,491	\$ 6,610,922		\$ (2,246,655)	
<b>JULY</b>	<b>Estimated</b>	786,001	786,001	\$ 7,078,493		\$ (1,952,341)	
<b>AUGUST</b>	<b>Estimated</b>	747,679	747,679	\$ 6,733,374		\$ (1,857,152)	
<b>TOTAL</b>		2,438,171	2,438,171	\$ 20,422,788		(6,056,148)	
<b>JUNE 1, 2022 E-FACTOR</b>		<b>-2.4839</b>					

**FISCAL YEAR 2022  
PHILADELPHIA GAS WORKS  
IRC-FACTOR REVENUE BILLED**

<b>MONTH</b>	<b>TOTAL GCR REVENUE BILLED 1</b>	<b>IRC- FACTOR % of GCR 2</b>	<b>IRC-FACTOR REVENUE BILLED 3 = ( 1 * 2 )</b>
	\$		\$
<b>SEPTEMBER 2021</b>	3,980,567	-0.10%	(3,865)
<b>OCTOBER</b>	5,014,637	-0.11%	(5,658)
<b>NOVEMBER</b>	14,188,678	-0.11%	(16,009)
<b>DECEMBER</b>	31,177,480	-0.12%	(37,810)
<b>JANUARY 2022</b>	45,391,847	-0.13%	(58,156)
<b>FEBRUARY</b>	47,376,566	-0.13%	(60,699)
<b>MARCH</b>	32,056,069	-0.14%	(43,855)
<b>APRIL</b>	21,393,377	-0.15%	(31,257)

**FISCAL YEAR 2022  
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 2021	5,452,594	1,155,232	(4,297,362)	(4,297,362)
OCTOBER	5,544,891	1,582,271	(3,962,620)	(8,259,982)
NOVEMBER	4,491,393	4,468,798	(22,595)	(8,282,577)
DECEMBER	4,603,240	9,488,647	4,885,407	(3,397,170)
JANUARY 2022	4,572,480	14,309,576	9,737,096	6,339,926
FEBRUARY	4,495,845	14,875,223	10,379,378	16,719,304
MARCH	8,109,488	9,468,916	1,359,428	18,078,731
APRIL	2,931,476	5,781,454	2,849,978	20,928,709

**INTERRUPTIBLE REVENUE CREDIT**  
**June 1, 2022**

Fiscal Year 2021 Reconciliation (8/31/21) \$ 126,169

<u>MONTH</u>	<u>IRC CREDIT</u>	<u>MARGIN</u>
September-21	Actual \$ (3,865)	\$ 23,451
October	Actual \$ (5,658)	\$ 15,490
November	Actual \$ (16,009)	\$ 26,405
December	Actual \$ (37,810)	\$ 33,788
January-22	Actual \$ (58,156)	\$ 28,817
February	Actual \$ (60,699)	\$ 14,406
March	Actual \$ (43,809)	\$ 36,574
April	Actual \$ (31,257)	\$ 20,785
May	Estimated \$ (16,399)	\$ 25,223
<b>Act/Est IRC Credit September 2021 to May 22</b>	<u>\$ (273,662)</u>	
<b>Act/Est Margin September 2021 to February May 22</b>		<u>\$ 224,940</u> <u>\$ 224,940</u>
<b>FY 2021 Reconciliation Plus Act/Est Margin September 2021 to May 2022</b>		<u>\$ 351,109</u>

<b>FY 2021 Reconciliation Plus Act/Est Margin September 2021 to May 2022</b>	\$ 351,109
<b>Act/Est IRC Credit September 2021 to May 22</b>	<u>\$ (273,662)</u>
<b>Reconciliation as of May 31, 2022</b>	\$ 77,447
<b>Margin - June 2022 through May 2023</b>	<u>\$ 296,980</u> Schedule 5(b)
<b>June 1, 2022 Interruptible Revenue Credit</b>	\$ 374,428

**GCR Firm Sales** **40,161,408** Schedule 2

**June 1, 2022 IRC/Mcf** **\$ 0.0093**

**INTERRUPTIBLE REVENUE MARGIN**  
**3Q FILING**

<b><u>MONTH</u></b>		<b><u>MARGIN</u></b>
June-22	Estimated	\$ 24,409
July	Estimated	\$ 25,223
August	Estimated	\$ 25,222
September	Estimated	\$ 24,409
October	Estimated	\$ 25,224
November	Estimated	\$ 24,410
December	Estimated	\$ 25,223
January-23	Estimated	\$ 25,223
February	Estimated	\$ 22,783
March	Estimated	\$ 25,223
April	Estimated	\$ 24,409
May	Estimated	\$ 25,222
Total		\$ <u>296,980</u>

**CALCULATION OF RECOVERED CHARGES**  
**3rd Qtr Filing**  
**June 1, 2022**

	<u>50% June</u>	<u>11.5 Months</u>	<u>Total</u>
			(MCF)                  (\$)
S - Firm Sales (Mcf)	452,245	39,709,163	40,161,408
C-Factor	<u>\$ 5.7932</u>	<u>\$ 9.1655</u>	
Projected Recovery	2,619,948	363,954,334	\$ 366,574,281
S - Firm Sales (Mcf)	452,245	39,709,163	40,161,408
IRC-Factor	<u>\$ (0.0082)</u>	<u>\$ (0.0093)</u>	
Projected Recovery	(3,708)	(369,295)	\$ (373,004)
E-Factor Volumes (Mcf)	452,245	39,709,163	40,161,408
E-Factor	<u>\$ (0.1727)</u>	<u>\$ (0.1505)</u>	
Projected Recovery	(78,103)	(5,976,229)	\$ (6,054,332)
GCR (\$ / Mcf)	\$ 5.6123	\$ 9.0057	
<hr/>			
GCR Projected Recovery			\$ 360,146,946
Load Balancing Revenue			\$ 2,378,388
LNG Sales Demand Revenue			<u>\$ 52,953</u>
<b>TOTAL PROJECTED RECOVERY</b>			<b>\$ 362,578,286</b>

## Change In Rates

### Rates Effective June 1, 2022

	<u>Current Rates</u>				<u>03/01/22 Commodity Rate</u> (5)=(1)+(2)+(3)+(4)
	<u>03/01/22 Distribution Charge</u> (1)	<u>03/01/22 GCR</u> (2)	<u>03/01/22 MFC</u> (3)	<u>03/01/22 GPC</u> (4)	
Residential GS	\$9.2843	\$5.6123	\$0.2032	\$0.0400	\$15.1398
Commercial GS	\$7.1829	\$5.6123	\$0.0511	\$0.0400	\$12.8863
Industrial GS	\$7.1304	\$5.6123	\$0.0236	\$0.0400	\$12.8063
Phila.Housing Authority (PHA)	\$7.4455	\$5.6123	\$0.0000	\$0.0400	\$13.0978
Municipal (MS)	\$6.7467	\$5.6123	\$0.0000	\$0.0400	\$12.3990
Phila.Housing Authority (GS)	\$8.5281	\$5.6123	\$0.2032	\$0.0400	\$14.3836

### June 1, 2022 - Distribution Charge

	<u>Delivery</u>  <u>Delivery Charge</u> (6)	<u>Surcharges</u>				<u>Total</u>  <u>Total Surcharges</u> (11)=(7)+(8)+(9)+(10)	<u>Distribution Charge / Mcf</u> (12)=(11)+(6)
		<u>Other Post Employment Benefit</u> (7)	<u>Efficiency Cost Recovery</u> (8)	<u>Universal Service &amp; Ener. Cons.</u> (9)	<u>Restructuring &amp; Consumer Education</u> (10)		
Residential GS	\$7.2955	\$0.3371	\$0.0180	\$2.0884	\$0.0000	\$2.4435	\$9.7390
Commercial GS	\$5.1908	\$0.3371	\$0.0183	\$2.0884	\$0.0000	\$2.4438	\$7.6346
Industrial GS	\$5.1668	\$0.3371	(\$0.0055)	\$2.0884	\$0.0000	\$2.4200	\$7.5868
Phila.Housing Authority (PHA)	\$5.4534	\$0.3371	\$0.0183	\$2.0884	\$0.0000	\$2.4438	\$7.8972
Municipal (MS)	\$4.7765	\$0.3371	\$0.0000	\$2.0884	\$0.0000	\$2.4255	\$7.2020
Phila.Housing Authority (GS)	\$6.5393	\$0.3371	\$0.0180	\$2.0884	\$0.0000	\$2.4435	\$8.9828

### Proposed Rates

	<u>06/01/22 Distribution Charge</u> (12)	<u>06/01/22 GCR</u> (13)	<u>06/01/22 MFC</u> (14)	<u>06/01/22 GPC</u> (15)	<u>06/01/22 Commodity Rate</u> (16)=(12)+(13)+(14)+(15)	<u>Difference</u> (17)=(16)-(5)
	Residential GS	\$9.7390	\$9.0057	\$0.3260	\$0.0400	\$19.1107
Commercial GS	\$7.6346	\$9.0057	\$0.0820	\$0.0400	\$16.7623	\$3.8760
Industrial GS	\$7.5868	\$9.0057	\$0.0378	\$0.0400	\$16.6703	\$3.8640
Phila.Housing Authority (PHA)	\$7.8972	\$9.0057	\$0.0000	\$0.0400	\$16.9429	\$3.8451
Municipal (MS)	\$7.2020	\$9.0057	\$0.0000	\$0.0400	\$16.2477	\$3.8487
Phila.Housing Authority (GS)	\$8.9828	\$9.0057	\$0.3260	\$0.0400	\$18.3545	\$3.9709

**PHILADELPHIA GAS WORKS**  
**June 1, 2022**  
**UNIVERSAL SERVICE & ENERGY CONSERVATION SURCHARGE**

	<b>Expenses in the Surcharge</b>
Enhanced Low Income Retrofit Program (ELIRP)	\$ 8,125,405
Customer Responsibility Program (CRP)	\$ 85,298,968
Senior Citizen Discount *	\$ 2,165,462
<u>USC May '22 under Collection</u>	<u>\$ 2,040,596</u>
Total \$ to be Recovered	\$ 97,630,432
 Total Applicable Volumes	 Mcf 46,750,010
 Universal Service & Energy Conservation Surcharge	 <u><b>\$ 2.0884</b></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 \$2,410,128.

**STATEMENT OF RECONCILIATION  
UNIVERSAL SERVICES & ENERGY CONSERVATION SURCHARGE  
SEPTEMBER 2021 THROUGH MAY 2022**

<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>
<b>FY 21 Reconciliation</b>							\$ 7,736,115
September 2021	Actual	1,084,185	\$ 1.4927	\$ 1,618,363	\$ 985,594	\$ 632,769	\$ 8,368,884
October	Actual	1,230,794	\$ 1.5844	\$ 1,950,070	\$ 1,978,816	\$ (28,746)	\$ 8,340,138
November	Actual	3,348,003	\$ 1.5844	\$ 5,304,576	\$ 6,528,336	\$ (1,223,761)	\$ 7,116,378
December	Actual	6,220,739	\$ 1.6684	\$ 10,378,371	\$ 12,788,359	\$ (2,409,989)	\$ 4,706,389
January 2022	Actual	8,562,357	\$ 1.7523	\$ 15,003,818	\$ 16,251,389	\$ (1,247,572)	\$ 3,458,817
February	Actual	8,857,977	\$ 1.7523	\$ 15,521,834	\$ 16,791,630	\$ (1,269,796)	\$ 2,189,021
March	Actual	6,339,815	\$ 1.6927	\$ 10,731,404	\$ 13,086,071	\$ (2,354,666)	\$ (165,646)
April	Actual	4,332,112	\$ 1.6331	\$ 7,074,772	\$ 8,400,226	\$ (1,325,455)	\$ (1,491,100)
May	Estimated	2,364,632	\$ 1.6331	\$ 3,861,681	\$ 4,411,177	\$ (549,496)	\$ (2,040,596)

<u>USC Expenses</u>	<u>Sep-21</u>	<u>Oct-21</u>	<u>Nov-21</u>	<u>Dec-21</u>	<u>Jan-22</u>	<u>Feb-22</u>	<u>Mar-22</u>	<u>Apr-22</u>	<u>May-22</u>
ELIRP Expense	\$ (1,970)	\$ 1,039,826	\$ 840,986	\$ 868,967	\$ 542,041	\$ 640,824	\$ 823,371	\$ 688,018	\$ 690,250
ELIRP Labor	\$ 6,084	\$ 7,361	\$ 7,681	\$ 8,592	\$ 7,008	\$ 5,836	\$ 4,158	\$ 5,225	\$ 21,014
CRP Discount	\$ (1,198,272)	\$ (403,005)	\$ 4,063,623	\$ 10,378,568	\$ 14,374,148	\$ 14,937,519	\$ 10,869,039	\$ 6,467,487	\$ 2,560,972
CRP Forgiveness	\$ 2,120,890	\$ 1,261,234	\$ 1,433,164	\$ 1,197,706	\$ 875,311	\$ 755,712	\$ 1,054,080	\$ 1,011,942	\$ 1,000,963
Senior Citizen Discount	\$ 58,862	\$ 73,400	\$ 182,882	\$ 334,527	\$ 452,881	\$ 451,739	\$ 335,423	\$ 227,555	\$ 137,978
Bad Debt Expense Offset*	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 985,594</b>	<b>\$ 1,978,816</b>	<b>\$ 6,528,336</b>	<b>\$ 12,788,359</b>	<b>\$ 16,251,389</b>	<b>\$ 16,791,630</b>	<b>\$ 13,086,071</b>	<b>\$ 8,400,226</b>	<b>\$ 4,411,177</b>

<b>CRP Participation</b>										
Rate Case Participation Rate		80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000
Actual Participation Rate		60,498	60,137	59,281	53,466	52,631	53,135	53,535	53,940	53,940
CRP Under/(Over) Participation		19,502	19,863	20,719	26,534	27,369	26,865	26,465	26,060	26,060
<b>Average Shortfall Per CRP Participant</b>										
CRP Discount		\$ (1,198,272)	\$ (403,005)	\$ 4,063,623	\$ 10,378,568	\$ 14,374,148	\$ 14,937,519	\$ 10,869,039	\$ 6,467,487	\$ 6,467,487
Actual Participation Rate		60,498	60,137	59,281	53,466	52,631	53,135	53,535	53,940	53,940
Average Shortfall per CRP Participant		\$ (20)	\$ (7)	\$ 69	\$ 194	\$ 273	\$ 281	\$ 203	\$ 120	\$ 120
Shortfall*		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bad Debt Expense Offset**	5.75%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

\*\*Bad Debt Expense Offset Applicable When Actual CRP Participation Exceeds 80,000.

**EFFICIENCY COST RECOVERY (ECR) SURCHARGE**  
**JUNE 1, 2022**

<u>Program</u>	<u>Residential &amp; PHA GS</u>	<u>Commercial &amp; PHA</u>	<u>Industrial</u>	<u>Total</u>
<b>Residential Heating Equipment Rebate (RHER)</b>				
Program Expense	\$522,370	\$35,479	\$407	\$558,255
Labor Expense	\$48,375	\$3,297	\$37	\$51,709
<b>Low Income Thermostate (LITSTAT)</b>				
Program Expense	\$47,770	\$0	\$0	\$47,770
Labor Expense	\$5,327	\$0	\$0	\$5,327
<b>Commercial &amp; Industrial Equipment Rebate (CIER)</b>				
Program Expense	\$3,354	\$199,240	\$1,989	\$204,582
Labor Expense	\$377	\$22,330	\$223	\$22,930
<b>High-Efficiency Construction Incentive (HECI)</b>				
Program Expense	\$311,248	\$0	\$0	\$311,248
Labor Expense	\$21,522	\$0	\$0	\$21,522
<b>EnergySense Smart Thermostat (TSTAT)</b>				
Program Expense	\$148,328	\$448	\$0	\$148,775
Labor Expense	\$16,140	\$48	\$0	\$16,188
<b>Total Expense</b>	\$1,124,811	\$260,840	\$2,655	\$1,388,307
<b>Prior Period Reconciliation (5/31/22)</b>	\$ (510,394)	\$ (64,684)	\$ (7,293)	\$ (582,371)
<b>Total</b>	\$614,417	\$196,156	-\$4,638	\$805,936
<b>Volumes - Mcf (GCR Firm &amp; Firm Transportation)</b>	34,114,598	10,738,637	837,944	

<b>Efficiency Cost Recovery Surcharge / Mcf</b>	<b>\$0.0180</b>	<b>\$0.0183</b>	<b>(\$0.0055)</b>
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**EFFICIENCY COST RECOVERY (ECR) SURCHARGE  
STATEMENT OF RECONCILIATION  
FISCAL YEAR 2022**

		<u>Actual Sep-21</u>	<u>Actual Oct-21</u>	<u>Actual Nov-21</u>	<u>Actual Dec-21</u>	<u>Actual Jan-22</u>	<u>Actual Feb-22</u>	<u>Actual Mar-22</u>	<u>Actual Apr-22</u>	<u>Estimated May-22</u>
<b>RESIDENTIAL &amp; PHA GS</b>										
FY 2021 Over-Collection	\$	440,912								
Volume Billed		673,328	744,906	2,312,821	4,582,274	6,415,232	6,694,583	4,639,357	3,160,217	1,658,009
ECR Surcharge	\$	0.0203	0.0211	0.0211	0.0214	0.0217	0.0217	0.0202	0.0186	0.0186
Revenue Billed	\$	13,635	15,718	48,801	98,061	139,211	145,272	93,483	58,780	30,839
RHER	Expense	(827)	38,720	49,174	38,285	34,183	21,678	133,071	49,140	49,140
RHER	Labor	2,555	3,092	6,756	3,608	2,943	5,271	1,664	2,498	2,498
HECI	Expense	(288)	8,719	(8,431)	8,929	5,015	(13,944)	3,214	44,685	44,685
HECI	Labor	889	1,075	(1,964)	1,255	1,024	(2,278)	489	734	734
LITSTAT	Expense	(96)	0	96	147	186	(333)	9,266	479	479
LITSTAT	Labor	297	360	(657)	420	342	(762)	737	92	92
CIER	Expense	(7)	479	(472)	356	246	(601)	710	175	175
CIER	Labor	21	25	(46)	30	24	(54)	15	23	23
TSTAT	Expense	(282)	1,054	1,020	7,824	545	1,411	1,908	3,952	3,952
TSTAT	Labor	870	1,052	(1,666)	1,228	1,002	(938)	290	420	420
Total	\$	3,132	54,577	43,808	62,081	45,510	9,448	151,366	102,197	102,197
Monthly Over/(Under)	\$	10,503	(38,859)	4,992	35,980	93,701	135,824	(57,883)	(43,417)	(71,358)
Cumulative Over/(Under)	\$	451,415	412,555	417,548	453,527	547,228	683,052	625,170	581,752	510,394
<b>COMMERCIAL &amp; PHA</b>										
FY 2021 Over-Collection	\$	53,399								
Volume Billed		369,864	441,706	918,766	1,408,311	1,827,234	1,804,792	1,441,131	990,258	601,816
ECR Surcharge	\$	0.0146	0.0169	0.0169	0.0224	0.0278	0.0278	0.0249	0.0219	0.0219
Revenue Billed	\$	5,382	7,465	15,527	31,476	50,797	50,173	35,812	21,687	13,180
RHER	Expense	(57)	2,650	(2,593)	2,620	2,339	8,791	8,866	3,274	3,274
RHER	Labor	175	212	(386)	247	201	1,390	111	166	166
CIER	Expense	(409)	28,799	31,059	21,386	14,772	16,051	39,388	9,715	9,715
CIER	Labor	1,263	1,528	5,677	1,784	1,455	3,220	841	1,261	1,261
Total	\$	972	33,189	33,757	26,037	18,768	29,452	49,205	14,417	14,417
Monthly Over/(Under)	\$	4,409	(25,724)	(18,230)	5,439	32,029	20,722	(13,393)	7,270	(1,237)
Cumulative Over/(Under)	\$	57,808	32,084	13,854	19,293	51,322	72,044	58,651	65,921	64,684
<b>INDUSTRIAL</b>										
FY 2021 Over-Collection	\$	16,336								
Volume Billed		31,390	32,253	64,683	103,724	147,821	146,476	119,709	75,138	44,637
ECR Surcharge	\$	(0.0107)	(0.0095)	(0.0095)	(0.0112)	(0.0129)	(0.0129)	(0.0098)	(0.0066)	(0.0066)
Revenue Billed	\$	(336)	(306)	(614)	(1,162)	(1,907)	(1,890)	(1,167)	(496)	(295)
RHER	Expense	(1)	29	(28)	29	26	(54)	114	42	42
RHER	Labor	2	2	(4)	3	2	(5)	1	2	2
CIER	Expense	(4)	284	(280)	211	146	(356)	422	104	104
CIER	Labor	12	15	(28)	18	14	(32)	9	14	14
Total	\$	10	330	(340)	260	188	(447)	546	162	162
Monthly Over/(Under)	\$	(346)	(637)	(275)	(1,421)	(2,095)	(1,442)	(1,713)	(658)	(456)
Cumulative Over/(Under)	\$	15,990	15,354	15,079	13,658	11,563	10,121	8,407	7,750	7,293

**PHILADELPHIA GAS WORKS  
LOAD BALANCING CHARGE  
June 1, 2022**

<b>Storage and Peaking Asset Cost</b>		<b>\$</b>	<b>22,038,247</b>
<b>WSS Volumes MDQ</b>	<b>17,557.5</b>		
<b>Daily Demand Charge (Dth)</b>	<b>\$0.45932</b>	<b>\$</b>	<b>2,943,546</b>
<b>Total Charges</b>			
<b>Total Storage Charges</b>			<b>24,981,793</b>
<b>Design Day Requirements (Mcf)</b>			<b>685,131</b>
<b>Fulfilled from FT Capacity (Mcf)</b>			<b>(297,287)</b>
<b>WSS Storage Withdrawal Volumes MCF</b>			<b>16,980</b>
<b>Fulfilled from Storage and Peaking Assets (Excess Mcf)</b>			<b>404,824</b>
<hr/>			
<b>Annual Storage and Peaking Cost per Excess Mcf</b>		<b>\$</b>	<b>61.7103</b>
<b>Per Mcf Over / (Under) Adjustment</b>		<b>\$</b>	<b>0.3704</b>
<b>Load Balancing Charge</b>		<b>\$</b>	<b>61.3399</b>

<b>Over / (Under) Recovery</b>	<b>\$</b>	<b>162,132</b>
<b>Interest</b>	<b>\$</b>	<b>10,232</b>
<b>Total Over/(Under) Recovery</b>	<b>\$</b>	<b>172,365</b>
<b>Forecasted SSPC Volumes</b>		<b>465,287</b>
<b>Per Mcf Over / (Under) Adjustment</b>	<b>\$</b>	<b>0.3704</b>

## Natural Gas Prices Used for PGW's - FY 2021-2022 - 3rd Quarter GCR Filing

### Basis Differentials

	TRANSCO					TETCO						NYMEX Futures 05/03/22 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	
May-22												7.267		7.82	7.88	7.96	7.97	7.53	7.77	7.89	7.85	6.92	7.37
Jun-22	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	7.954		7.84	7.81	7.93	7.94	8.02	7.89	7.87	7.82	7.85	7.85
Jul-22	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	8.025		7.92	7.89	8.01	8.02	8.10	7.97	7.95	7.90	7.93	7.93
Aug-22	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	8.015		7.91	7.88	8.00	8.01	8.09	7.96	7.94	7.89	7.92	7.92
Sep-22	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	7.956		7.85	7.82	7.94	7.95	8.03	7.90	7.88	7.83	7.86	7.86
Oct-22	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	7.951		7.84	7.81	7.93	7.94	8.02	7.89	7.87	7.82	7.85	7.85
Nov-22	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	8.012		7.90	7.87	7.99	8.00	8.08	7.95	7.93	7.88	7.91	7.91
Dec-22	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	8.154		8.04	8.01	8.13	8.14	8.22	8.09	8.07	8.02	8.05	8.05
Jan-23	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	8.256		8.15	8.12	8.24	8.25	8.33	8.20	8.18	8.13	8.16	8.16
Feb-23	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	7.965		7.86	7.83	7.95	7.96	8.04	7.91	7.89	7.84	7.87	7.87
Mar-23	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	6.664		6.55	6.52	6.64	6.65	6.73	6.60	6.58	6.53	6.56	6.56
Apr-23	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	4.849		4.74	4.71	4.83	4.84	4.92	4.79	4.77	4.72	4.75	4.75
May-23	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	4.668		4.56	4.53	4.65	4.66	4.74	4.61	4.59	4.54	4.57	4.57
Jun-23	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	4.707		4.60	4.57	4.69	4.70	4.78	4.65	4.63	4.58	4.61	4.61
Jul-23	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	4.749		4.64	4.61	4.73	4.74	4.82	4.69	4.67	4.62	4.65	4.65
Aug-23	(0.11)	(0.14)	(0.02)	(0.01)	0.07	(0.06)	(0.08)	(0.13)	(0.10)	(0.10)	(0.42)	4.750		4.64	4.61	4.73	4.74	4.82	4.69	4.67	4.62	4.65	4.65

**Actual Natural Gas Billed**

	<u>Jan-22</u>	<u>Feb-22</u>	<u>Mar-22</u>
Williams	\$ 2,453,780	\$ 2,216,013	\$ 2,346,485
Texas Eastern	\$ 2,204,686	\$ 4,162,651	\$ 4,018,623
Eastern Gas	\$ 140,168	\$ 133,434	\$ 133,688
Equitrans	\$ -	\$ -	\$ -
Spot Purchases -Transco	\$ 3,484	\$ 217,841	\$ 74,632
Spot Purchases -Tetco	\$ -	\$ -	\$ -
Transco Supply2	\$ -	\$ -	\$ -
Transco Supply3	\$ -	\$ -	\$ -
Transco Supply6	\$ 1,838,455	\$ 2,586,220	\$ 2,063,205
Transco Supply7	\$ -	\$ -	\$ -
Transco Supply8	\$ -	\$ -	\$ -
Transco Supply10	\$ -	\$ -	\$ -
Transco Supply12	\$ -	\$ -	\$ -
Transco Supply14	\$ -	\$ -	\$ -
Transco Supply17	\$ -	\$ -	\$ -
Transco Supply20	\$ -	\$ -	\$ -
Transco Supply21	\$ -	\$ -	\$ -
Transco Supply22	\$ -	\$ -	\$ -
Transco Supply23	\$ -	\$ -	\$ -
Transco Supply24	\$ -	\$ -	\$ -
Transco Supply25	\$ -	\$ -	\$ -
Transco Supply26	\$ -	\$ -	\$ -
Transco Supply27	\$ -	\$ -	\$ -
Transco Supply28	\$ -	\$ -	\$ -
Transco Supply29	\$ -	\$ -	\$ -
Transco Supply30	\$ 2,681,000	\$ 2,246,242	\$ 906,900
Transco Supply31	\$ -	\$ -	\$ -
Transco Supply32	\$ 3,362,875	\$ 2,987,375	\$ 1,335,500
Transco Supply33	\$ -	\$ -	\$ -
Transco Supply34	\$ 1,257,283	\$ 1,772,610	\$ 1,405,895
Transco Supply35	\$ -	\$ -	\$ -
Transco Supply36	\$ -	\$ -	\$ -
Transco Supply37	\$ 3,007,698	\$ 4,312,630	\$ 3,395,198
Transco Supply40	\$ 2,007,112	\$ 2,903,710	\$ 2,255,540
Tetco Supply1	\$ -	\$ -	\$ -
Tetco Supply2	\$ -	\$ -	\$ -
Tetco Supply3	\$ -	\$ -	\$ -
Tetco Supply4	\$ -	\$ -	\$ -
Tetco Supply5	\$ -	\$ -	\$ -
Tetco Supply7	\$ -	\$ -	\$ -
Tetco Supply13	\$ -	\$ -	\$ -
Tetco Supply14	\$ -	\$ -	\$ -
Tetco Supply16	\$ 1,226,438	\$ 2,003,750	\$ 1,466,688
Tetco Supply17	\$ -	\$ -	\$ -
Tetco Supply18	\$ -	\$ -	\$ -
Tetco Supply19	\$ -	\$ -	\$ -
Tetco Supply20	\$ -	\$ -	\$ -
Tetco Supply21	\$ -	\$ -	\$ -
Tetco Supply22	\$ -	\$ -	\$ -
Tetco Supply23	\$ -	\$ -	\$ -
Tetco Supply24	\$ 499,100	\$ 809,200	\$ 595,200
Tetco Supply25	\$ -	\$ -	\$ -
Tetco Supply26	\$ 2,942,550	\$ 2,600,000	\$ 850,200
Tetco Supply27	\$ -	\$ -	\$ -
Tetco Supply28	\$ -	\$ -	\$ -
Tetco Supply29	\$ -	\$ -	\$ -
Tetco Supply30	\$ -	\$ -	\$ -
Tetco Supply31	\$ -	\$ -	\$ -
Tetco Supply32	\$ -	\$ -	\$ -
Tetco Supply33	\$ 1,501,541	\$ 2,580,955	\$ 1,793,435
Tetco Supply34	\$ 266,213	\$ 455,490	\$ 323,873
Tetco Supply35	\$ 1,734,807	\$ 1,798,655	\$ 1,061,891
Tetco Supply36	\$ -	\$ -	\$ -
Tetco Supply37	\$ 1,226,438	\$ 2,003,750	\$ 1,466,688
Tetco Supply38	\$ -	\$ -	\$ -
<b>Total Costs</b>	<b>\$ 28,353,626</b>	<b>\$ 35,790,528</b>	<b>\$ 25,493,638</b>
Sharing Mechanism	\$ 381,899	\$ 349,561	\$ 384,301
Asset Management Agreement	\$ -	\$ -	\$ -
Off System Sales	\$ -	\$ -	\$ (283,739)
Gas Transportation Purchases	\$ -	\$ -	\$ -
Adjustment/Reconciliation	\$ (588,970)	\$ (1,298,294)	\$ 1,982,826
<b>Total Natural Gas Billed</b>	<b>\$ 28,146,555</b>	<b>\$ 34,841,794</b>	<b>\$ 27,577,026</b>

**Philadelphia Gas Works  
Summary of Fuels Purchased  
Three Months Ending March 2022**

	<u>Actual</u>				<u>Projected</u>			<u>Actual Over/Under vs Projected</u>				
	<u>Jan-22</u>	<u>Feb-22</u>	<u>Mar-22</u>	<u>Total</u>	<u>2nd Qtr Filing Jan-22</u>	<u>2nd Qtr Filing Feb-22</u>	<u>2nd Qtr Filing Mar-22</u>	<u>Total</u>	<u>Jan-22</u>	<u>Feb-22</u>	<u>Mar-22</u>	<u>Total</u>
<b>Total Natural Gas Billed</b>	\$ 28,146,555	\$ 34,841,794	\$ 27,577,026	\$ 90,565,375	\$ 32,073,162	\$ 27,263,719	\$ 26,513,723	\$ 85,850,604	\$ (3,926,607)	\$ 7,578,076	\$ 1,063,303	\$ 4,714,771
<b>Less Imbalance Charge</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Less Interruptible Credit Gas Used For Utility</b>	\$ 2,511,520	\$ 198,732	\$ 163,268	\$ 2,873,520	\$ 123,992	\$ 129,169	\$ 149,603	\$ 402,764	\$ 2,387,528	\$ 69,563	\$ 13,665	\$ 2,470,756
	\$ 220,363	\$ 314,118	\$ 152,286	\$ 686,767	\$ 176,569	\$ 181,118	\$ 135,011	\$ 492,698	\$ 43,794	\$ 133,000	\$ 17,275	\$ 194,069
	\$ 25,414,672	\$ 34,328,944	\$ 27,261,472	\$ 87,005,088	\$ 31,772,601	\$ 26,953,432	\$ 26,229,110	\$ 84,955,142	\$ (6,357,929)	\$ 7,375,513	\$ 1,032,362	\$ 2,049,946
<b>Pipeline Storages</b>												
<b>(To)</b>	\$ (2,210,603)	\$ (1,530,706)	\$ (2,388,340)	\$ (6,129,649)	\$ -	\$ -	\$ (552,374)	\$ (552,374)	\$ (2,210,603)	\$ (1,530,706)	\$ (1,835,966)	\$ (5,577,275)
<b>From</b>	\$ 11,411,329	\$ 5,440,416	\$ 6,888,173	\$ 23,739,918	\$ 8,604,286	\$ 10,930,262	\$ 7,519,129	\$ 27,053,677	\$ 2,807,043	\$ (5,489,846)	\$ (630,956)	\$ (3,313,759)
<b>Net Pipeline Storages</b>	\$ 9,200,726	\$ 3,909,710	\$ 4,499,833	\$ 17,610,269	\$ 8,604,286	\$ 10,930,262	\$ 6,966,755	\$ 26,501,303	\$ 596,440	\$ (7,020,552)	\$ (2,466,922)	\$ (8,891,034)
<b>LNG Storage</b>												
<b>(To)</b>	\$ 613	\$ (1,337,953)	\$ (1,550,478)	\$ (2,887,818)	\$ (629,702)	\$ (985,264)	\$ (1,470,088)	\$ (3,085,054)	\$ 630,315	\$ (352,689)	\$ (80,390)	\$ 197,236
<b>From</b>	\$ 5,969,311	\$ 879,538	\$ 417,321	\$ 7,266,170	\$ 1,992,828	\$ 1,143,553	\$ 294,481	\$ 3,430,862	\$ 3,976,483	\$ (264,015)	\$ 122,840	\$ 3,835,308
<b>Net LNG Storage</b>	\$ 5,969,924	\$ (458,415)	\$ (1,133,157)	\$ 4,378,352	\$ 1,363,125	\$ 158,289	\$ (1,175,607)	\$ 345,807	\$ 4,606,799	\$ (616,704)	\$ 42,450	\$ 4,032,545
<b>Net Natural Gas</b>	\$ 40,585,322	\$ 37,780,239	\$ 30,628,148	\$ 108,993,709	\$ 41,740,013	\$ 38,041,983	\$ 32,020,257	\$ 111,802,253	\$ (1,154,691)	\$ (261,744)	\$ (1,392,109)	\$ (2,808,543)
<b>APPLICABLE GCR EXPENSES</b>												
<b>Net Natural Gas Expense</b>	\$ 40,585,322	\$ 37,780,239	\$ 30,628,148	\$ 108,993,709	\$ 41,740,013	\$ 38,041,983	\$ 32,020,257	\$ 111,802,253	\$ (1,154,691)	\$ (261,744)	\$ (1,392,109)	\$ (2,808,543)
<b>Purchased Electric &amp; Misc</b>	\$ 19,932	\$ 20,223	\$ 139,578	\$ 179,733	\$ 182,644	\$ 51,959	\$ 54,796	\$ 289,399	\$ (162,712)	\$ (31,736)	\$ 84,782	\$ (109,666)
<b>Total GCR Expenses</b>	\$ 40,605,254	\$ 37,800,462	\$ 30,767,726	\$ 109,173,442	\$ 41,922,656	\$ 38,093,942	\$ 32,075,053	\$ 112,091,651	\$ (1,317,402)	\$ (293,480)	\$ (1,307,327)	\$ (2,918,209)