

Tab 4

Philadelphia Gas Works

Pennsylvania Public Utility Commission
52 Pa. Code §53.61, et seq.

Item 53.64(c) Thirty days prior to the filing of a tariff reflecting an increase or decrease in natural gas costs, each Section 1307(f) gas utility seeking recovery of purchased gas costs under that section shall provide notice to the public, under § 53.68 (relating to notice requirements), and shall file the following supporting information with the Commission, with a copy to the Consumer Advocate, Small Business Advocate and to intervenors upon request:

- (5) A listing and updating, if necessary, of projections of gas supply and demand provided to the Commission for any purpose—see § 59.67 (relating to formats). In addition, provide an accounting of the difference between reported gas supply available and gas supply deliverable—including storage—from the utility to its customers under various circumstances and time periods.

Response:

Please see the attached document. PGW's next Annual Resource Planning Report (Forms 1 and 2) is due for submission to the Commission on March 1, 2014 and an updated Annual Resource Planning Report is not available at this time.

ANNUAL RESOURCE PLANNING REPORT

Philadelphia Gas Works **Philadelphia, Pennsylvania**

March 2013

Forms 1 & 2

BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION

**Philadelphia Gas Works
800 West Montgomery Avenue
Philadelphia, Pennsylvania 19122**

**ANNUAL RESOURCE PLANNING REPORT
MARCH 2013**

Forms 1 & 2

**Information Submitted in Compliance with and Pursuant to Title 52
Pennsylvania Code Section 59.81**

PHILADELPHIA GAS WORKS

TABLE OF CONTENTS

<u>EXHIBIT NO.</u>	<u>REGULATION</u>	<u>DESCRIPTION</u>
1	59.81	General
2	59.81	Forms IRP-Gas 1A, and 1B Annual and Peak Day Energy Demand
3	59.81	Forms IRP-Gas 2A, 2B, and 2C Annual and Peak Day Energy Resources, And transmission and storage contracts

Section 59.81: **General**

Pursuant to Section 59.81 (a), each major jurisdictional gas utility must file an annual resource planning report (ARPR) on or before June 1, 1996 and June 1 of each succeeding year, except Form 1A/2A which filing date is March 1. One (1) original and seven (7) copies of the report must be submitted to:

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

One copy should be submitted unbound for ease of duplication.

One courtesy copy should also be submitted to:

Pennsylvania Public Utility Commission
Conservation, Economics and Energy Planning
P.O. Box 3265
Harrisburg, PA 17105-3265
Attn. Calvin Birge

Also submit one (1) copy to the following:

Office of Consumer Advocate
555 Walnut Street
Forum Place, 5th Floor
Harrisburg, PA 17101-1921

Office of Small Business Advocate
Suite 1102, Commerce Building
300 N. Second Street
Harrisburg, PA 17101

Be sure to indicate the name and telephone number of at least one individual at the company who is familiar with the filing and will be available to answer any questions the Commission staff may have. You may also wish to list those individuals who are directly involved in the preparation of the various document components.

Information contained in annual resource planning reports must be utility-specific. The report should follow an outline similar to that which is contained herein, with narrative accompanying the required data. Forms may be modified to accommodate wide columns of numbers and enhance readability, but the general format should be used to maintain consistency.

This information is not generally considered confidential. Utilities are obligated to provide complete information. However, we will treat as confidential those portions of the report designated by the utility as proprietary. If a utility's proprietary claim is challenged, the Commission will direct the utility to file a petition for protective order pursuant to 52 PA Code 5.423.

All questions concerning the reporting requirements for Forms IRP Gas 1A through 9 should be addressed to Pennsylvania Public Utility Commission Bureau of Conservation, Economics and Energy Planning.

Response:

An original, seven (7) copies, and one unbound copy of Forms 1A, 1B, 2A, 2b, and 2C along with a general discussion of the methodologies, data sources, and assumptions are being submitted to meet the requirements of the March 1 filing.

All questions concerning the ARPR should be directed to Mr. Kenneth Dybalski, Director, Rates & Gas Planning at 215-684-6317. The following individual is available to answer questions concerning Forms 1 and 2: Ms. Maria Hogan, Manager – Gas Planning at (215) 684-6618.

Section 59.81 **Forms IRP-Gas 1A, and 1B – Annual and Peak Day Demand**

The load growth projections shall reflect the effects of price elasticity, market induced conservation, building and appliance efficiency standards, and the effects of the utility's existing and planned conservation and load management activities.

Response: Please see the attached documentation and forms.

Section 59.81

Forms IRP-Gas 2A, 2B and 2C - Annual and Peak Day Energy Resources, Transmission and Storage Contracts

The forecast of energy sources shall indicate sources of all presently available and new supplies which the utility estimates will become available, displayed by component parts.

Response:

Please see the attached documentation and forms.

BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION

**PHILADELPHIA GAS WORKS
800 WEST MONTGOMERY AVENUE
PHILADELPHIA, PENNSYLVANIA**

Annual Resource Planning Summary Report

Filed: March 2013

**Information Submitted in Compliance with and Pursuant to Title 52
Pennsylvania Code Sections 59.81-59.84**

PHILADELPHIA GAS WORKS

2013 Annual Resource Planning Summary Report

TABLE OF CONTENTS

INTRODUCTION

SECTION I -- PGW's Overall Approach to Integrated Resource Planning

SECTION II -- Supply Forecasting Methodology and Assumptions

SECTION III -- Demand Forecasting Methodology and Assumptions

SECTION IV -- Design Day Forecasting Methodology and Assumptions

SECTION V -- PGW Corporate Modeling System

Introduction

By Order entered January 11, 1996, the Pennsylvania Public Utility Commission (PUC) adopted final regulations (52 PA Code §§ 59.81 - 59.84) which set forth revised requirements for filing an Annual Resource Planning Report (the Plan). The Plan submitted represents Philadelphia Gas Works' (PGW or the Company) belief that integrated resource planning (IRP) is a workable approach to utility planning.

This plan summary contains historical data and projections for annual, winter and peak day supply to meet projected customer requirements in a least cost manner, while ensuring adequate and reliable service. It is organized into the following five sections:

- I. PGW's Overall Approach to Integrated Resource Planning
- II. Supply Forecasting Methodology and Assumptions
- III. Demand Forecasting Methodology and Assumptions
- IV. Design Day Forecasting Methodology and Assumptions
- V. PGW Corporate Modeling System

I. PGW's Overall Approach to Integrated Resource Planning

PGW Optimization Standard for Purchasing and Utilizing Gas Supplies

As reasonably anticipated PGW intends on meeting its contractual obligations to supply all of its current firm customers in its service territory on the coldest day, throughout the heating season and throughout the year. Projected customer requirements for design day and design winter conditions form the basis for capacity commitments for pipeline supply, storage, and transportation contracting.

Natural gas supplies are purchased under a portfolio approach with PGW intending to secure the lowest overall price consistent with the corporate goals of reliability and security of supply. In addition, consideration is given to maintaining a diversity of sources and types of supply, coupled with contractual and operational flexibility on both a daily and seasonal basis. Short term purchases from spot market sources are utilized to the maximum degree that they are more economical, available, and transportable.

Natural gas supplies are utilized so as to minimize gas costs subject to reliability constraints. Supply contract obligations are honored and prudent Gas Control operational requirements are assumed. Storage gas is drawn down so as to always maintain an inventory level sufficient for the remaining winter in the event that design temperature conditions should occur in the remaining segment of the winter season. Within the above parameters, priority is given to utilizing the most economical sources of supply first within the context of preserving the capability of meeting seasonal and annual demands rather than the momentary daily requirements. All facilities and sources of supply - flowing, storage and LNG are available to achieve the intended end, namely, minimizing gas costs subject to reliability constraints.

II. Supply Forecasting Methodology and Assumptions **Basic Assumptions**

The PGW Gas Supply Policy Committee comprised of senior corporate management as well as Gas Planning, Gas Control, Gas Supply, and Regulatory departmental management, approved the aforementioned Optimization Standard for Purchasing and Utilizing Gas Supplies (Section I). All natural gas purchases continue to be made in accordance with this standard. Projected sales, revenues and natural gas expenses in this report result from this agreement, particularly in the areas of inventory valuation, priorities of gas selection and interruptible supply availability.

Incorporated into our projections are additional implementation steps involved with developing a cohesive gas supply/demand strategy for the near term and the longer range. These include developing a cost relationship comparison for current resources and a review of current contract terms and alternatives for continuing, extending, modifying or eliminating contracts.

In order to achieve this while maintaining a balance between economics and security of supply, the company uses a portfolio strategy approach. This approach incorporates a menu driven selection of services which allows the company to choose only those specific services necessary to meet its requirements. This is achieved by taking into consideration transportation capacity rights and then sources of supply are contracted to cover the firm transport rights over differing seasonal obligations.

Operating flexibility is sustained by variations in contract stipulations to permit the system to swing on the most economical gas supplies available while maintaining the ability to supply rapidly fluctuating temperature requirements. Storage facilities are substituted wherever opportunity affords to reduce annual expense for flowing 365 day pipeline service without reducing design day and design winter season delivery capability. Direct control of all storage is paramount to permit PGW to minimize winter costs by injecting lower priced purchases and to cycle storage to balance daily take fluctuations to avoid overrun/balancing charges.

II. Supply Forecasting Methodology and Assumptions Basic Assumptions (Continued)

PGW's supply strategy incorporates maintaining full current winter day deliverability with regard to transportation capacity but to convert, where possible, to storage rather than winter flowing contracts to enhance financial and operational flexibility. A variety of longer term supply contracts are necessary to support pipeline transportation capacity because reliance upon best effort spot suppliers to fill wintertime supply requirements to meet firm customers' demands has proven to be an unreliable alternative. As a result longer-term contracts are utilized to support firm transportation capacity. To accomplish this end, the Company purchases winter supply contracts with daily deliverability equal to approximately 47% of the contractual daily transportation entitlements on its two interstate pipelines with direct connections to PGW's service territory. Additionally, these supply contracts match the contractual entitlements of the two pipelines by sourcing supply in a manner consistent with the pipeline's upstream contractual requirements. In this way, PGW not only helps ensure the security of supply by sourcing the gas from geographically diverse supply regions but this diversity also allows PGW to take advantage of the pricing basis differential inherent in these supply locations.

These contracts all contain the ability to fix the price for upcoming months as well as to allow the pricing to default to an agreed upon market index when there is no market advantage in fixing a price before the month begins. PGW uses this fixed price option in conjunction with its Gas Cost Rate (GCR) filing (GCR filing includes pricing based upon the NYMEX) by always attempting to buy under the GCR forecasted prices. Through the matching of the duration supply contracts to a seasonal demand, such as the winter operating season, the firm ratepayers benefit from not paying demand charges year-round.

A second component of PGW's supply portfolio or a volume equal to 28% of pipeline capacity, is purchased gas based on a first-of-the-month index pricing methodology with contracts that allow for daily change in volumetric take. This allows the Company to effectively shut-off higher priced supply replacing such supply with daily cheaper spot priced gases. Under assumed normal winter conditions, PGW utilizes certain storage fields (Eminence and Washington) in a manner similar to third party supply. Specifically, these storage contracts do not contain

II. Supply Forecasting Methodology and Assumptions
Basic Assumptions (Continued)

transportation to the PGW city gate. Therefore, these storages must flow within PGW's contractual upstream capacity rights on TGPL. Delivery from these fields utilizes approximately 25% of the daily TETCO and TGPL capacity rights to the Philadelphia city gates. These storage fields also act as a physical fixed price to counter winter price conditions since the WACOG usually reflects a winter/summer pricing differential. PGW's summer purchasing strategy also incorporates a portfolio approach to the purchase of system supply and storage refill. The GCR filing is again used as a yardstick in purchasing supply for both system supply and storage refill. PGW attempts to always purchase a portion of its supply needs below the projected GCR cost estimate with a portion of the portfolio purchased at default, first-of-the-month pricing. These first of the month pricing option contracts, in most instances, allow PGW to evaluate daily spot prices and provide for a turn-off of first-of-the-month index priced supply in favor of the purchase of more advantageous daily spot purchases.

Operating conditions permitting, the Company enters into the FERC approved capacity release market to offset demand charges it pays for its firm transportation and the incremental off-systems sales market when it is economically advantageous for the firm ratepayer. In both instances, these opportunities are sought only when firm customer needs are satisfied. Additionally, PGW's bundled storages and LNG can be utilized as a substitute for higher price gas supply based on market pricing conditions and the results of PGW's status report. Effectively, the Gas Supply Group is at all times studying the market for any economic advantage it can bring to the firm ratepayer.

III. Demand Forecasting Methodology and Assumptions **Basic Assumptions**

PGW uses a combination of four basic methods to develop demand projections. They are:

- 1) Historical Data -- data showing long-term demand trends, conservation and utilization patterns by the various classes of customers -- Residential, Commercial, Industrial and Interruptible.
- 2) Customer Survey -- Information as gathered by PGW's Marketing Department and used for annual projections by month and year.
- 3) Relative End Use -- Projections via Marketing methods of customer load sizing by appliance type, maximum input, maximum summer and winter full load hour (FLH) calculations which are used to develop yearly and monthly demand requirements.
- 4) Judgment -- Experienced opinion as applied to the evaluation of the combination of all data to develop the basic demand requirements.

Customer Demand

The total system-wide demand is a function of the projected gas demand per customer and the anticipated number of customers in each class. In determining customer demand, consideration is given to projecting current customer usage, augmented by significant gains or losses in each of numerous homogeneous groups for the period being projected. The Gas Planning Department attempts to determine for each customer class, the level of demand relating to experienced temperatures and the component of demand that is apparently not affected by changes in temperature. Within each class the most recent summer and winter usage patterns are established from historical records. Summer data provides an insight into each class of customers non-temperature sensitive load requirements or baseload which can be expressed in terms of thousands of cubic feet (Mcf) per day, per customer. Similarly, winter data after removal of the daily baseload level provides the temperature sensitive load requirements for each class of customer.

This usage primarily reflects space heating but also includes such other temperature sensitive needs as water heating attributable to colder ground water inlet temperatures and similar process variations. This overall heating requirement can be expressed in terms of the cubic feet of gas

III. Demand Forecasting Methodology and Assumptions **Basic Assumptions (Continued)**

utilized per degree of temperature change on a per customer basis for each separate customer classification.

In addition, consideration must be given to the variation of customer utilization patterns for space heating over the year, recognizing the transitional fall start-up of heaters, the deep winter period needs and the tapering off and shut-down which occurs in the spring. These usage patterns taken in conjunction with anticipated customer counts and appropriate temperature patterns form the basis of determining class and total system demands. Due to the inconsistencies of weather and weather forecasting techniques, no attempt is made to predict the specific daily temperatures of the projection period. Instead PGW has developed a normal monthly temperature pattern by analyzing statistical records of actual temperature patterns over a 30-year period. This pattern reflects 4268 degree-days annually distributed in a stylized pattern preserving the monthly range of colder to warmer daily temperatures experienced in the January to May period and warmer to colder daily temperatures in the September to December period.

The term "degree days" quantifies the number of degrees of temperature below a base level of 65 degrees Fahrenheit and is used as a tool to measure space heating requirements, i.e. on a day experiencing an average temperature of 40 degrees F. there would be 25 degree days. The annual 4268 degree days which is composed of the PGW normal monthly temperature patterns, form the basis of the calculation of the temperature sensitive component of demand. The application of the above described baseload, space heating factors and customer counts, when applied to a calendar based daily temperature pattern, produce a daily calculation of total customer requirements identified as sendout. It should be noted that there is a difference between sendout volume and sales volume. Sendout represents those volumes metered at the city gate to supply customers' requirements while sales are those volumes registered on customer meters. The variation between sendout and sales, after adjustments, is that portion which is lost and unaccounted for in the PGW distribution system.

III. Demand Forecasting Methodology and Assumptions **Basic Assumptions (Continued)**

Sales and sendout differ on a monthly basis in the degree day distribution pattern. For efficiency, meter reading and billing efforts are distributed uniformly over the available number of working days in a month and the majority of PGW customers are divided into 20 individual groups or cycles containing residential, commercial and industrial accounts within a specific geographic area. When these cycle customers are billed each month they reflect meter reading usage not for the calendar month being billed, but for the number of days and temperature pattern of degree-days experienced during their specific interval between meter readings. For example, assume the month of January contained 900 calendar degree-days. The customers in cycle 10 being billed for the month of January might have had meter readings taken on December 15 and again on January 17. Sales billed and reported in the company records for these customers would reflect the number of days and degree days between these reading dates rather than the 900 degree days of the month. Similarly, cycle 1 customers that might have had meter readings taken on December 1 and January 2 would reflect principally the month of December temperature experience, whereas, cycle 20 customers with meter readings taken possibly December 28 and January 29 would reflect principally the month of January temperature experience.

An average of the 20 cycles (Average Cycle Degree-Days) is used as the temperature pattern upon which to project the volume of sales in the forecast period. Both projections of sales and sendouts represent the full demand for that period from both firm and interruptible customers.

Methodology Used to Develop Monthly Estimates

A trial domestic factor is developed by classes of customers from sales reported for the summer months in the previous year. This average factor is then utilized in the sendout formula with the customer counts for the months of July, August and September. A comparison between what the formula calculates and the actual experienced for those three months is ascertained and the trial

III. Demand Forecasting Methodology and Assumptions **Basic Assumptions (Continued)**

domestic (baseload) factors are finalized to replicate the total sendout experienced. The finalized domestic factors (DOMs) are then utilized in conjunction with the actual sales and customer counts for the months of December, January and February to determine the average Mcf per degree day for each of the individual months for the remaining temperature sensitive load. The results are weighted by degree-days to give an average value which is utilized as a trial value for the heating factor.

The finalized domestic factor and the trial heating factor developed, as such, are then applied in the sendout calculations together with customer counts for the months of December, January and February (the peak winter heating period) to project an estimated sendout for each of these months. The projected sendout is then compared with the actual sendout experienced. Any variation between the projected and actual is adjusted to force the replication of the actual sendout experience thus resulting in the determination of a finalized heating factor.

The finalized heating factor was then averaged with the heating factor for the previous year. These average factors were then utilized in the forecast.

To project the number of customers for each individual rate class, each rate class of customers are reviewed and accumulated individually. Current customers are ascertained from the number of billings data available from sales and revenue actually experienced immediately prior to the commencement of a model run. Declines are projected for anticipated losses to electric and other fuels, demolitions and transfers to other rates. Direct transfers from a non-heating to a heating account, as a result of a current customer's conversion to gas heat, moves the domestic load to the new category. Projected additional customers are developed by the Marketing Department where staff dealing with individual classes of customers and having the most direct knowledge of conditions within their expertise, project annual load additions which are translated into customer counts based upon typical customer usage for that individual customer class. The approximate month of turn-on is also developed to permit reflection of the effective portion of the load addition within the fiscal period under study. Interruptible class customers as

well as other large special accounts are detailed individually incorporating expected gains and losses as direct contact and experience has indicated.

**III. Demand Forecasting Methodology and Assumptions
Basic Assumptions (Continued)**

The base revenue projections for both firm and interruptible customer groups are derived as the product of the projected sales volumes and the present tariff rate for each individual customer class within each group. The GCR revenue projections are derived as the product of the GCR factor and the projected sales volumes to the firm GCR customers.

IV. Design Day and Design Hour Forecasting Methodology and Assumptions

Each year a six year estimate of Design Day and Design Hour requirements anticipated under design day and design hour operating conditions is prepared to ensure that adequate resources are under contract and to further ensure that PGW can fulfill its supply obligation for its firm customer requirements on a design day and design hour.

The projected demands for design day are developed utilizing previous winter periods data for all weekdays where the temperature average for the day is 32 degrees Fahrenheit or below. The total sendout for these days as recorded under actual conditions and is reduced to firm sendout by removal of the interruptible load. A computer generated linear regression procedure is utilized to develop a sendout model from actual daily sendouts and degree days, and the process is repeated in a quadratic regression and a cubic regression procedure. From the predicted sendouts in the regression, which are within a reasonable percent of error to the actual sendout, factors are derived to replicate the actual sendouts. The factors derived from this are used to determine the current load requirements for a 0 degrees F day and from this data, the load for a -5 degrees F hour is calculated. PGW's Marketing Department's load projections for present and future years are then applied to these requirements to develop design day and design hour present and future load requirements. This is achieved by the addition of the projected marketing load growth on an annual basis (by day) to the derived base-year design day requirements.

PGW Corporate Modeling System

General Description

The corporate modeling system is a tool used by PGW management to project sales, revenues and expenses, as well as to examine key planning strategies and evaluate their effects on company operations. The system provides the ability to determine the results of alternate plans and scenarios, while at the same time allowing for responses to "what if" type situations quantifying revenue and expenses. The system combines the power of the computer with the experience of management to develop both short and long range projections based upon experienced historical data for sales and sendout volumes, raw material expenses and revenues. The corporate model system is composed of five separate parts. Each part operates independently but requires substantial external data inputs as well as data output results from one or more of the other parts in the system.

Gas Demand Model

The gas demand model is used to forecast total requirements for gas based upon current customer usage experience with adjustments for projected gains and losses. Input data includes domestic and space heating usage factors, customer counts by rate classifications, temperature patterns and results in projections of sales and sendout volumes. Detail and summary reports include sales and sendout by rate classification. This data is then used by the Gas Supply Model.

Gas Supply Model

The supply model is used to dispatch the various supply sources in accordance with contract availability limitations. It develops the necessary balance between supply and demand which reflects plant fuel and storage injection requirements as well as customer demands by identifying the availability of interruptible load balancing sales. Detail and summary reports include daily and monthly load requirements, the volumes taken from each source by pipeline contract, storage balances, LNG requirements, etc.

V. PGW Corporate Modeling System (Continued)

This model is also used to determine natural gas and other raw material costs dispatched. The model tracks the various cost components of each contract - the demand, capacity, commodity, injection and withdrawal charges - providing monthly and annual details and summary information including inventory valuations and expenses for supplemental LNG supplies. This data is then used by the Gas Cost Rate Model.

Gas Cost Rate Model

The gas cost rate model is used to develop the GCR. This model in conjunction with the gas supply model ascribes responsibility for the raw material costs to firm rate classes in accordance with PGW's tariff requirements, and compensates for the Interruptible Revenue Credit, interest, gas transportation Supplier Storage Peaking and migration charges and the previous over or under billing of fuel expenses. The GCR is then used by the Revenue Model.

Revenue Model

The revenue model is used to project billed revenue by rate classification in accordance with PGW's rate tariffs. It prepares the net billed revenue, GCR revenues, senior citizen discounts, and cycle billing information all detailed by rate classification. The detail and summary reports provided by this model are directed to the accounting and financial departments for inclusion in various financial reviews.

Summary

The corporate modeling system allows PGW management to effectively address supply/demand balancing, supply facilities planning, projected sales, cost, revenues, and sendout volumes. Results assist in the development of PGW's annual Operating Budget, setting of the GCR and planning of supply resources.

V. PGW Corporate Modeling System (Continued)

The model also provides a Status Report for the evaluation of remaining winter period requirements on both normal and design temperature patterns and the extrapolation of the current year based upon the experience to date and an assumption of temperatures anticipated for the remaining period of the year, this latter acting as a guide for both financial cash flow planning and winter operations.

**FORM-IRP-GAS-1A: ANNUAL GAS REQUIREMENTS
REPORTING UTILITY: PHILADELPHIA GAS WORKS
(VOLUMES IN MMcf)**

Index Year Actual Year	Historical Data		Current Year	Three Year Forecast		
	-2 2010-2011	-1 2011-2012	0 2012-2013	1 2013-2014	2 2014-2015	3 2015-2016
Firm Requirements:						
Retail Residential	38,011	30,061	36,130	38,368	37,850	37,718
Retail Commercial	9,421	7,772	8,746	9,501	9,478	9,538
Retail Industrial	582	511	517	576	561	553
Electric Power Generation	-	-	-	-	-	-
Exchanges with Other Utilities	-	-	-	-	-	-
Unaccounted For Gas	2,430	1,329	2,012	1,614	2,065	2,062
Company Use	466	395	479	533	533	533
Other - Prior Period Adjustment	-	-	-	-	-	-
Subtotal Firm	50,910	40,068	47,884	50,593	50,487	50,404
Interruptible Requirements:						
Retail	991	192	635	121	80	54
Electric Power Generation	13	-	-	-	-	-
Company's Own Plant	66	54	79	115	115	115
Unaccounted For Gas	47	5	2	5	3	2
Subtotal Interruptible	1,117	251	716	241	198	171
SUBTOTAL FIRM AND INTERRUPTIBLE	52,027	40,319	48,600	50,834	50,686	50,576
Transportation:						
Firm Residential	25	27	11	-	-	-
Firm Commercial	2,391	2,266	3,219	3,646	3,380	3,512
Firm Industrial	355	294	319	372	343	350
Interruptible Residential	-	-	-	-	-	-
Interruptible Commercial	6,199	5,780	6,831	8,058	8,552	9,045
Interruptible Industrial	5,783	6,142	6,867	6,976	7,385	7,807
Other - Non-Utility Power Producers	10,984	10,436	9,315	10,521	10,521	10,550
Subtotal Transportation	25,737	24,945	26,562	29,574	30,180	31,266
TOTAL GAS REQUIREMENTS	77,763	65,264	75,162	80,407	80,866	81,841
Increase (Decrease)		(12,499)	9,898	5,245	458	975
Percent Change (%)		-16.1%	12.7%	7.0%	0.6%	1.2%

**FORM-IRP-GAS-1B:PEAK DAY REQUIREMENTS
REPORTING UTILITY: PHILADELPHIA GAS WORKS
(VOLUMES IN MMcf)**

Index Year Actual Year	Historical Data		Current Year ⁽²⁾			Three Year Forecast ⁽¹⁾		
	-2 2010-2011	-1 2011-2012	0 2012-2013	1 2013-2014	2 2014-2015	3 2015-2016		
Firm Requirements:								
Retail Residential	348	289	446	469	457	456		
Retail Commercial	86	75	108	116	115	115		
Retail Industrial	5	5	6	7	7	7		
Electric Power Generation	-	-	-	-	-	-		
Exchanges with Other Utilities	-	-	-	-	-	-		
Unaccounted For Gas	22	13	25	20	25	25		
Company Use	4	4	6	7	6	6		
Other	-	-	-	-	-	-		
Subtotal Firm	466	385	591	619	610	609		
Interruptible Requirements:								
Retail	4.7	1.3	0.5	1.2	0.8	0.5		
Electric Power Generation	0.0	0.04	-	-	-	-		
Company's Own Plant	0.5	0.4	0.5	0.6	0.6	0.6		
Unaccounted For Gas	0.2	0.0	0.0	0.1	0.1	0.0		
Subtotal Interruptible	5.4	1.8	1.1	1.9	1.4	1.1		
SUBTOTAL FIRM AND INTERRUPTIBLE	471	387	592	620	612	610		
Transportation:								
Firm Residential	0.2	0.3	-	-	-	-		
Firm Commercial	17	18	33	33	35	37		
Firm Industrial	2	2	2	3	3	3		
Interruptible Residential	-	-	-	-	-	-		
Interruptible Commercial	40	39	-	-	-	-		
Interruptible Industrial	21	23	-	-	-	-		
Other - Non-Utility Power Producers	36	35	-	-	-	-		
Subtotal Transportation	116	116	35	36	38	40		
TOTAL GAS REQUIREMENTS	587	503	627	657	650	650		
Increase (Decrease)		(85)	125	29	(7)	0		
Percent Change (%)		-14.4%	24.8%	4.7%	-1.0%	0.0%		

(1) Peak Day is forecasted at a 2 degree temperature.
(2) Current Year Peak Day is forecasted at a 5 degree temperature.

FORM-IRP-GAS-2A: ANNUAL/PEAK SUPPLY
TABLE 1: ANNUAL/PEAK SUPPLY
REPORTING UTILITY: PHILADELPHIA GAS WORKS
(Volumes in MMcf)

Index Year Actual Year	Historical Data				Current Year ⁽²⁾			Three Year Forecast ⁽¹⁾			
	-2		-1		0		1		2		3
	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	Annual	Peak	Annual	Peak	
Gas Supply for Sales Service											
TETCO	-	-	-	-	-	-	-	-	-	-	-
TRANSCO	-	-	-	-	-	-	-	-	-	-	-
Spot Purchases	54,680	44,037	51,995	54,746	53,959	53,974	53,959	53,974	53,974	296	
Storage Withdrawals	13,658	187	8,921	9,340	9,845	9,827	9,845	9,827	9,845	170	
LNG Withdrawal	1,429	82	1,301	1,269	1,165	1,167	1,165	1,167	1,167	190	
Company Production	-	-	-	-	-	-	-	-	-	-	-
LNG Purchases	-	-	-	-	-	-	-	-	-	-	-
Exchanges with other LDCs	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total Gas Supply	69,966	55,356	62,217	65,355	64,969	64,968	64,969	64,968	64,968	656	
Total Transportation Services	25,737	24,945	26,562	29,574	30,180	31,266	30,180	31,266	31,266	17	
TOTAL GAS SUPPLY AND TRANSPORTATION SERVICE	95,703	80,301	88,779	94,928	95,149	96,234	95,149	96,234	96,234	672	
Deductions											
Pipeline: TRANS FUEL	3,161	2,374	2,536	2,667	2,649	2,646	2,649	2,646	2,646	17	
Storage: INJ, INJ FUEL, WITHDRAW FUEL, TRANS FUEL	13,406	11,166	9,153	10,632	10,415	10,527	10,415	10,527	10,527	2	
LNG: LIQUE, INJ FUEL, TRANS FUEL	1,374	1,497	1,927	1,221	1,220	1,220	1,220	1,220	1,220	3	
Sales to other LDC's	-	-	-	-	-	-	-	-	-	-	-
Total Deductions	17,940	15,037	13,617	14,521	14,284	14,393	14,284	14,393	14,393	23	
NET GAS SUPPLY	77,763	65,264	75,162	80,407	80,866	81,841	80,866	81,841	81,841	650	
BTU	1,021	1,021	1,029	1,021	1,021	1,021	1,021	1,021	1,021		

⁽¹⁾ Peak Day is forecasted at a 2 degree temperature.

⁽²⁾ Current Year Peak Day is forecasted at a 5 degree temperature.

**FORM-IRP-GAS-2B: NATURAL GAS TRANSPORTATION
REPORTING UTILITY: PHILADELPHIA GAS WORKS
(volumes in MMcf)**

Index Year Actual year	Historical Data				Three Year Forecast							
	-2		-1		0		1		2		3	
	2010-2011		2011-2012		2012-2013		2013-2014		2014-2015		2015-2016	
	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak
City Gate Transportation Contracts:												
Transcontinental Transmission Corp.	4,004	60	4,004	60	4,004	60	4,004	60	4,004	60	4,004	60
Texas Eastern Transmission Corp.	2,383	43	2,383	43	2,383	43	2,383	43	2,383	43	2,383	43
Texas Eastern Transmission Corp.	2,216	20	2,216	20	2,216	20	2,216	20	2,216	20	2,216	20
Transcontinental Transmission Corp.	438	5	438	5	438	5	438	5	438	5	438	5
Total	9,041	128	9,041	128	9,041	128	9,041	128	9,041	128	9,041	128
Upstream Transportation Contracts:												
Transcontinental Transmission Corp.	58,546	160	58,546	160	58,546	160	58,546	160	58,546	160	58,546	160
Texas Eastern Transmission Corp.	26,578	73	26,578	73	26,578	73	26,578	73	26,578	73	26,578	73
Texas Eastern Transmission Corp.	8,442	23	8,442	23	8,442	23	8,442	23	8,442	23	8,465	23
Texas Eastern Transmission Corp.	2,586	17	2,586	17	2,586	17	2,586	17	2,586	17	2,604	17
Texas Eastern Transmission Corp.	2,586	17	2,586	17	2,586	17	2,586	17	2,586	17	2,604	17
Transcontinental Transmission Corp.	172	2	172	2	172	2	172	2	172	2	172	2
Total	98,910	293	98,910	293	98,910	293	98,910	293	98,910	293	99,201	293
Storage-Related Transportation Contracts:												
Dominion Transmission Inc.	9,110	25	9,110	25	9,110	25	9,110	25	9,110	25	9,135	25
Dominion Transmission Inc.	2,760	8	2,760	8	2,760	8	2,760	8	2,760	8	2,767	8
Equitrans	1,771	5	1,771	5	1,771	5	1,771	5	1,771	5	1,776	5
Total	13,641	37	13,641	37	13,641	37	13,641	37	13,641	37	13,679	37

FORM-IRP-GAS-2C: NATURAL GAS STORAGE⁽¹⁾
REPORTING UTILITY: PHILADELPHIA GAS WORKS
(volumes in MMcf)

Index Year Actual year	Historical Data				Current Year						Three Year Forecast					
	-2 2010-2011		-1 2011-2012		0 2012-2013		1 2013-2014		2 2014-2015		3 2015-2016					
	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak				
Transcontinental Transmission Corp.	4,004	60	4,004	60	4,004	60	4,004	60	4,004	60	4,004	60				
Dominion Transmission Inc.	3,627	33	3,627	33	3,627	33	3,627	33	3,627	33	3,627	33				
Transcontinental Transmission Corp.	3,122	33	3,122	33	3,122	33	3,122	33	3,122	33	3,122	33				
Texas Eastern Transmission Corp.	2,383	43	2,383	43	2,383	43	2,383	43	2,383	43	2,383	43				
Texas Eastern Transmission Corp.	2,216	20	2,216	20	2,216	20	2,216	20	2,216	20	2,216	20				
Transcontinental Transmission Corp.	1,066	106	1,066	106	714	85	714	85	714	85	714	85				
Equitrans	488	5	488	5	488	5	488	5	488	5	488	5				
Transcontinental Transmission Corp.	438	5	438	5	438	5	438	5	438	5	438	5				
Total	17,343	304	17,343	304	16,992	283	16,992	283	16,992	283	16,992	283				

⁽¹⁾ Rank contracts in order of magnitude for the current year, noting the transportation provided and termination date for each contract reported. Reporting should proceed along rank ordering until 75% of total is accounted for, or until ten contracts have been listed, whichever occurs first.

Conversions at 1030 Btu

	Contract Expiration Date ⁽²⁾
Transcontinental Transmission Corp.	3/31/2023
Dominion Transmission Inc.	3/31/2015
Transcontinental Transmission Corp.	10/31/2013
Texas Eastern Transmission Corp.	4/30/2018
Texas Eastern Transmission Corp.	4/30/2018
Transcontinental Transmission Corp.	10/31/2013
Equitrans	3/31/2014
Transcontinental Transmission Corp.	4/15/2014

⁽²⁾ For purposes of this report, all contracts due to expire are assumed renewed for the forecast years.

Tab 5

Philadelphia Gas Works

Pennsylvania Public Utility Commission
52 Pa. Code §53.61, et seq.

Item 53.64(c) Thirty days prior to the filing, of a tariff reflecting an increase or decrease in natural gas costs, each Section 1307(f) as utility seeking recovery of purchased as costs under that section shall provide notice to the public, under § 53.68 (relating to notice requirements), and shall file the following supporting information with the Commission, with a copy to the Consumer Advocate, Small Business Advocate and to intervenors upon request:

53.64(c)(6) Each Section 1307 (f) utility shall file with the Commission a statement of its current fuel procurement practices, detailed information concerning, the staffing and expertise of its fuel procurement personnel, a discussion of its methodology for obtaining a least cost and reliable source of as supply, including a discussion of any methodologies, assumptions, models or rules of thumb employed in selecting its gas supply, transportation and storage mix, its loss prevention strategy in the event of fraud, nonperformance or interruption of performance, its participation in capacity release and reallocation programs, the impact, if any, upon least cost fuel procurement by constraints imposed by local transportation end users, interruptible service, balancing, storage and dispatching, options, and its strategy for improving its fuel procurement practices in the future and timetable for implementing these changes.

Response:

I. Current Strategy

PGW's current strategy for meeting, the system's supply requirements is to use a portfolio approach in both contract structures and pricing. The Company's supply portfolio is split into three distinct categories. First, the Company enters into winter-only supply contracts. These winter-only supply arrangements provide gas supply that fills approximately forty seven percent (47%) of PGW's daily firm transportation entitlements on both Spectra Energy Gas Transmission (formerly Duke Energy Gas Transmission) and Williams Gas Pipeline.

Item 53.64(c)(6) continued

The Spectra Energy and Williams pipelines represent the only interstate pipeline facilities with physical connections to the PGW service territory. These supply contracts also recognize pipeline receipt and delivery rights. By sourcing supply in this manner, PGW not only ensures security of supply from the pipelines, but also can take advantage of varying basis differentiated pricing in the market. These contracts all contain the ability to set the price for upcoming months, or to have the pricing, default to an agreed upon market index. Second, an additional twenty-eight percent (28 %) is priced at the “gas daily mid-point” for each day of usage. These contracts allow for daily changes in volume. The operational flexibility of these contracts allows the company to increase or decrease gas supply to meet variations in send out requirements. Third the company utilizes three (3) pipeline storage services, as an additional source of supply. These storage services do not contain bundled transportation and therefore are moved to the city gates within PGW's firm interstate pipeline capacity. These services represent 25 percent (25 %) of supply at a fixed price. The Company will again release capacity for one year periods totaling thirty-five thousand dekatherms as it did last year. These capacity releases are with twenty-four hour recall rights in their terms and conditions. They are split between the two interstate pipelines, which service PGW. If the need would arise to recall this capacity PGW would do so and use its unbundled storage to fill the TGPL portion (twenty thousand dekatherms) and depend on market based prices to fill the TETCO portion (fifteen thousand dekatherms).

Additionally, PGW utilizes bundled storage and LNG to meet operational requirements and to accomplish other cost saving initiatives. Specifically, once design winter sendout requirements are ensured of being met, the company may utilize bundled storage and LNG inventories to displace higher priced supply based on the current market conditions. PGW's also uses a portfolio approach to address system supply and storage refill in the traditional non-peak season. The Gas Supply area uses the GCR filing as a template in an attempt to purchase gas volumes for both system supply and storage refill below the projected cost, when possible. However, some proportion of the supply will always be subject to spot market pricing either daily or monthly due to the constant need to purchase gas to meet sendout variations that are inherent in a residential firm heating load. PGW seeks to recoup demand charges for its firm transportation through the FERC approved capacity release mechanisms.

The Company also enters into the incremental off systems sales market to generate additional revenue when it is economically advantageous to do so. At all times the Company is studying, the market for any, economic advantage that can be derived in support of the firm ratepayer.

Item 53.64(c)(6) continued

II. Overview of Gas Supply Section

The Gas Supply Section of Gas Management is comprised of four departments: Gas Supply, Gas Transportation, Gas Accounting and Gas Control. The Gas Supply Section is responsible for ensuring that there is an adequate supply of natural gas available at all times to meet the requirements of PGW's over 490,000 firm customers. The Gas Supply Section accomplishes this through continuous interaction with various departments within PGW.

The staff of the Gas Supply Section is expected to maintain an in-depth working knowledge of all facets of the natural gas supply markets. The staff members of the four departments are required to maintain a working knowledge of PGW's natural gas contracts and facilities for the purpose of ensuring the safe and efficient operation of the distribution system, in accordance with company procedures, and in compliance with federal, state, and local regulations.

III. Organization and Staffing

Director of Gas Transportation and Gas Control: This person has over a twenty-one year history in the supply area and a seven-year history in gas control. This individual has a BA as well as having a background in natural gas accounting, allocation and confirmation experience under the first stages of FERC Order 636, and its effect on supply portfolio management.

This individual and the staffs of the departments that report to him interacts continuously and provides 24/7 coverage in all situations pertaining to the gas supply portfolio and operation of the natural gas facilities. This is done in conjunction with the Gas Supply Committee as well as everyday meetings with the VP of Gas Management and the other direct reports of the VP of Gas Management. The following departments report directly to this individual Gas Supply, Gas Control, Gas Accounting, and Gas Transportation.

Manager, Gas Supply this person has over eighteen years' experience in the gas supply area. This individual has a MBA and BS in addition to having an extensive background in the area of gas accounting and gas purchasing. Reporting to this individual is the gas accountants, gas coordinators and gas buyers.

Manager, Gas Control: This person has over seventeen years in the supply area, is responsible for the day-today management of the city distribution grid as well as daily confirmation of each day's gas volumes. He supervises the gas control department on a 24/7 basis. The manager has a BS degree and extensive experience in the Distribution Department's network analysis area as well as post graduate courses in computer science.

Tab 6

Philadelphia Gas Works

Pennsylvania Public Utility Commission
52 Pa. Code §53.61, et seq.

Item 53.64(c) Thirty days prior to the filing of a tariff reflecting an increase or decrease in natural gas costs, each Section 1307(f) gas utility seeking recovery of purchased gas costs under that section shall provide notice to the public, under § 53.68 (relating to notice requirements), and shall file the following supporting information with the Commission, with a copy to the Consumer Advocate, Small Business Advocate and to intervenors upon request:

- (7) A list of off-system sales, including transportation, storage, or capacity releases by the utility at less than the weighted average price of gas, or at less than the original contract cost of transportation, storage, or capacity supplied to the utility for its own customers.

Response: The attached schedules list off system sales, capacity release, and asset management for the period of January 1, 2013 to December 31, 2013.

Schedule 1 – reflects all off system sales margins for the period January 1, 2013 to December 31, 2013.

Schedule 2 – would reflect any off system sales transactions, which were done at less than the weighted average cost of gas. The schedule is blank because none of the deals match the criteria.

Schedule 3 – illustrates all capacity release deals.

Schedule 4 - would reflect any individual capacity release transactions, which were done at less than the weighted average cost of capacity.

Schedule 5 – reflects asset management revenue for the period January 1, 2013 to December 31, 2013.

**Schedule 1
Item 53.64(C)(7)**

**Philadelphia Gas Works
Pennsylvania Public Utilities Commission
52 Pa. Code §53.61, et seq.
For the Twelve Months Ending December 31, 2013**

Off-System Sales			
MONTH	Total Revenue	Ratepayer Margin	Total Credit
Jan-13	\$0	\$0	\$0
Feb-13	\$0	\$0	\$0
Mar-13	\$0	\$0	\$0
Apr-13	\$0	\$0	\$0
May-13	\$0	\$0	\$0
Jun-13	\$0	\$0	\$0
Jul-13	\$0	\$0	\$0
Aug-13	\$0	\$0	\$0
Sep-13	\$0	\$0	\$0
Oct-13	\$0	\$0	\$0
Nov-13	\$0	\$0	\$0
Dec-13	\$0	\$0	\$0

**Philadelphia Gas Works
Pennsylvania Public Utilities Commission
52 Pa. Code §53.61, et seq.**

**Schedule 2
53.64(C)(7)**

Off System Sale Profits Per WACOG Worksheet

No deals were enacted under the weighted average cost of gas.

Philadelphia Gas Works
Pennsylvania Public Utilities Commission
52 Pa. Code §53.61, et seq.
For the Twelve Months Ending December 31, 2013

Schedule 3
Item 53.64(C)(7)

MONTH	Capacity Release			
	Total		Total	
	TGPL	TETCO	TGPL	TETCO
	Credits	Credits	Credits	Credits
Jan-13	\$ 249,428	\$ 205,568	\$ 454,996	\$ 454,996
Feb-13	\$ 228,596	\$ 208,349	\$ 436,946	\$ 436,946
Mar-13	\$ 252,676	\$ 202,040	\$ 454,716	\$ 454,716
Apr-13	\$ 372,518	\$ 235,816	\$ 608,334	\$ 608,334
May-13	\$ 426,814	\$ 371,026	\$ 797,840	\$ 797,840
Jun-13	\$ 427,190	\$ 317,755	\$ 744,946	\$ 744,946
Jul-13	\$ 472,021	\$ 361,129	\$ 833,150	\$ 833,150
Aug-13	\$ 504,896	\$ 385,658	\$ 890,554	\$ 890,554
Sep-13	\$ 375,719	\$ 319,585	\$ 695,304	\$ 695,304
Oct-13	\$ 435,393	\$ 269,107	\$ 704,500	\$ 704,500
Nov-13	\$ 230,987	\$ 233,067	\$ 464,054	\$ 464,054
Dec-13	\$ 289,677	\$ 243,299	\$ 532,976	\$ 532,976
TOTAL	\$ 4,265,916	\$ 3,352,401	\$ 7,618,316	\$ 7,618,316

Philadelphia Gas Works
 Pennsylvania Public Utilities Commission
 52 Pa. Code §53.61, et seq.
 For the Twelve Months Ending December 31, 2013

Schedule 4
 Page 1 of 5
 Item 53.64(C)(7)

M / YR	PIPELINE	PATH	RECALL STATUS	MONTHLY VOLUME DTH	TOTAL MONTHLY CREDIT	CREDIT DTH	TOTAL CREDIT	REPLACEMENT SHIPPER
January-13	TETCO	ELA - M-3	N	18,600	\$ 8,135.64	\$ 0.4374	\$ 8,135.64	
	TETCO	ELA - M-3	N	7,502	\$ 3,281.38	\$ 0.4374	\$ 3,281.38	Sprague
	TETCO	ELA - M-3	N	85,932	\$ 37,586.66	\$ 0.4374	\$ 37,586.66	So Jersey Res
	TETCO	ELA - M-3	N	84,940	\$ 37,152.75	\$ 0.4374	\$ 37,152.75	UGI
	TETCO	ELA - M-3	N	93	\$ 40.67	\$ 0.4373	\$ 40.67	Hess
	TETCO	ELA - M-3	N	43,617	\$ 19,078.07	\$ 0.4374	\$ 19,078.07	PPL
	TETCO	ELA - M-3	N	486,948	\$ 86,433.27	\$ 0.1775	\$ 86,433.27	CNE Gas Sup
	TETCO	ELA - M-3	N	63,000	\$ 13,860.00	\$ 0.2200	\$ 13,860.00	NJR Ener Svc
				<u>790,632</u>			<u>\$ 205,568.44</u>	Colonial
	TRANSCO	3-6	N	93	\$ 40.30	\$ 0.4333	\$ 40.30	PPL ENERGYPLUS
	TRANSCO	3-6	N	7,502	\$ 3,257.48	\$ 0.4342	\$ 3,257.48	South Jersey Res
	TRANSCO	3-6	N	18,600	\$ 8,075.81	\$ 0.4342	\$ 8,075.81	Sprague
	TRANSCO	3-6	N	43,617	\$ 18,938.21	\$ 0.4342	\$ 18,938.21	CNE
	TRANSCO	3-6	N	84,940	\$ 36,880.08	\$ 0.4342	\$ 36,880.08	Hess
	TRANSCO	3-6	N	85,932	\$ 37,310.98	\$ 0.4342	\$ 37,310.98	UGI Energy
	TRANSCO	3-6	N	310,000	\$ 64,790.00	\$ 0.2090	\$ 64,790.00	Hess
TRANSCO	3-6	N	<u>310,000</u>	\$ 80,135.00	\$ 0.2585	\$ 80,135.00	BG Energy	
			<u>860,684</u>			<u>\$ 249,427.86</u>		
February-13	TETCO	ELA - M-3	N	17,080	\$ 7,182.15	\$ 0.4205	\$ 7,182.15	Sprague
	TETCO	ELA - M-3	N	84,448	\$ 35,510.38	\$ 0.4205	\$ 35,510.38	Hess
	TETCO	ELA - M-3	N	77,784	\$ 32,708.18	\$ 0.4205	\$ 32,708.18	UGI
	TETCO	ELA - M-3	N	6,748	\$ 2,837.53	\$ 0.4205	\$ 2,837.53	So Jersey Res
	TETCO	ELA - M-3	N	38,780	\$ 16,307.00	\$ 0.4205	\$ 16,307.00	CNE
	TETCO	ELA - M-3	N	84	\$ 35.33	\$ 0.4206	\$ 35.33	PPL
	TETCO	ELA - M-3	N	439,824	\$ 78,068.76	\$ 0.1775	\$ 78,068.76	NJR Ener Svc
	TETCO	ELA - M-3	N	84,000	\$ 35,700.00	\$ 0.4250	\$ 35,700.00	Seq Ener Mgm
				<u>748,748</u>			<u>\$ 208,349.33</u>	
	TRANSCO	3-6	N	84	\$ 36.40	\$ 0.4333	\$ 36.40	PPL
	TRANSCO	3-6	N	6,776	\$ 2,942.24	\$ 0.4342	\$ 2,942.24	So Jersey Res
	TRANSCO	3-6	N	17,108	\$ 7,428.12	\$ 0.4342	\$ 7,428.12	Sprague
	TRANSCO	3-6	N	38,780	\$ 16,838.08	\$ 0.4342	\$ 16,838.08	CNE
	TRANSCO	3-6	N	77,812	\$ 33,785.36	\$ 0.4342	\$ 33,785.36	UGI
	TRANSCO	3-6	N	84,448	\$ 36,666.28	\$ 0.4342	\$ 36,666.28	Hess
	TRANSCO	3-6	N	280,000	\$ 58,520.00	\$ 0.2090	\$ 58,520.00	Hess
TRANSCO	3-6	N	<u>280,000</u>	\$ 72,380.00	\$ 0.2585	\$ 72,380.00	BG Energy	
			<u>785,008</u>			<u>\$ 228,596.48</u>		
March-13	TETCO	ELA - M-3	N	89,094	\$ 37,464.03	\$ 0.4205	\$ 37,464.03	Hess
	TETCO	ELA - M-3	N	7,440	\$ 3,128.52	\$ 0.4205	\$ 3,128.52	So Jersey Res
	TETCO	ELA - M-3	N	86,738	\$ 36,473.34	\$ 0.4205	\$ 36,473.34	UGI
	TETCO	STX - M-3	N	31	\$ 13.04	\$ 0.4206	\$ 13.04	PPL
	TETCO	STX - M-3	N	19,034	\$ 8,003.81	\$ 0.4205	\$ 8,003.81	Sprague
	TETCO	STX - M-3	N	43,617	\$ 18,340.95	\$ 0.4205	\$ 18,340.95	CNE
	TETCO	ELA - M-3	N	486,948	\$ 86,433.27	\$ 0.1775	\$ 86,433.27	NJR Ener Svc
	TETCO	ELA - M-3	N	93,000	\$ 12,183.00	\$ 0.1310	\$ 12,183.00	Seq Ener Mgm
				<u>825,902</u>			<u>\$ 202,039.96</u>	
	TRANSCO	3-6	N	31	\$ 13.64	\$ 0.4400	\$ 13.64	PPL
	TRANSCO	3-6	N	7,471	\$ 3,271.74	\$ 0.4379	\$ 3,271.74	So Jersey Res
	TRANSCO	3-6	N	19,034	\$ 8,335.59	\$ 0.4379	\$ 8,335.59	Sprague
	TRANSCO	3-6	N	43,648	\$ 19,114.60	\$ 0.4379	\$ 19,114.60	CNE
	TRANSCO	3-6	N	86,738	\$ 37,985.23	\$ 0.4379	\$ 37,985.23	UGI
	TRANSCO	3-6	N	89,125	\$ 39,030.55	\$ 0.4379	\$ 39,030.55	Hess
	TRANSCO	3-6	N	310,000	\$ 64,790.00	\$ 0.2090	\$ 64,790.00	Hess
TRANSCO	3-6	N	<u>310,000</u>	\$ 80,135.00	\$ 0.2585	\$ 80,135.00	BG	
			<u>866,047</u>			<u>\$ 252,676.35</u>		
April-13	TETCO	ELA - M-3	N	81,420	\$ 34,237.10	\$ 0.4205	\$ 34,237.10	UGI
	TETCO	ELA - M-3	N	15,480	\$ 6,509.35	\$ 0.4205	\$ 6,509.35	Sprague
	TETCO	ELA - M-3	N	90	\$ 37.85	\$ 0.4206	\$ 37.85	PPL
	TETCO	STX - M-3	N	5,850	\$ 2,459.93	\$ 0.4205	\$ 2,459.93	So Jersey Res
	TETCO	STX - M-3	N	80,340	\$ 33,782.97	\$ 0.4205	\$ 33,782.97	Hess
	TETCO	STX - M-3	N	35,400	\$ 14,885.70	\$ 0.4205	\$ 14,885.70	CNE
	TETCO	STX - M-3	N	471,240	\$ 83,645.10	\$ 0.1775	\$ 83,645.10	NJR Ener Svc
	TETCO	STX - M-3	N	120,000	\$ 6,960.00	\$ 0.0580	\$ 6,960.00	Tenaska
	TETCO	STX - M-3	N	540,000	\$ 32,940.00	\$ 0.0610	\$ 32,940.00	Tenaska
	TETCO	STX - M-3	N	540,000	\$ 20,358.00	\$ 0.0377	\$ 20,358.00	Colonial
				<u>1,889,820</u>			<u>\$ 235,816.00</u>	

PIPELINE	PATH	RECALL STATUS	MONTHLY VOLUME DTH	TOTAL MONTHLY CREDIT	CREDIT DTH	TOTAL CREDIT	REPLACEMENT SHIPPER
TRANSCO	3-6	N	150,000	\$ 2,265.00	\$ 0.0151	\$ 2,265.00	NJR Ener Svc
TRANSCO	3-6	N	150,000	\$ 765.00	\$ 0.0051	\$ 765.00	So Jersey
TRANSCO	3-6	N	90	\$ 47.10	\$ 0.5233	\$ 47.10	PPL
TRANSCO	3-6	N	5,880	\$ 3,074.10	\$ 0.5228	\$ 3,074.10	So Jersey
TRANSCO	3-6	N	15,510	\$ 8,108.70	\$ 0.5228	\$ 8,108.70	Sprague
TRANSCO	3-6	N	35,430	\$ 18,523.20	\$ 0.5228	\$ 18,523.20	CNE
TRANSCO	3-6	N	80,370	\$ 42,018.30	\$ 0.5228	\$ 42,018.30	Hess
TRANSCO	3-6	N	81,420	\$ 42,567.00	\$ 0.5228	\$ 42,567.00	UGI
TRANSCO	3-6	N	300,000	\$ 62,700.00	\$ 0.2090	\$ 62,700.00	Hess
TRANSCO	3-6	N	300,000	\$ 77,550.00	\$ 0.2585	\$ 77,550.00	BG
TRANSCO	3-6	N	300,000	\$ 72,900.00	\$ 0.2430	\$ 72,900.00	BNP Paribas
TRANSCO	3-6	N	300,000	\$ 42,000.00	\$ 0.1400	\$ 42,000.00	Exelon
			<u>1,718,700</u>			<u>\$ 372,518.40</u>	
May-13							
TETCO	WLA - M-3	N	7,471	\$ 3,141.55	\$ 0.4205	\$ 3,141.55	So Jersey Res
TETCO	WLA - M-3	N	19,096	\$ 8,029.87	\$ 0.4205	\$ 8,029.87	Sprague
TETCO	ELA - M-3	N	44,175	\$ 18,575.60	\$ 0.4205	\$ 18,575.60	CNE
TETCO	STX - M-3	N	87,792	\$ 36,916.53	\$ 0.4205	\$ 36,916.53	UGI
TETCO	STX - M-3	N	2,892	\$ 1,216.08	\$ 0.4205	\$ 1,216.08	Hess
TETCO	STX - M-3	N	124,000	\$ 5,084.00	\$ 0.0410	\$ 5,084.00	Colonial
TETCO	ELA - M-3	N	486,948	\$ 86,433.27	\$ 0.1775	\$ 86,433.27	NJR Ener Svc
TETCO	ELA - M-3	N	124,000	\$ 7,192.00	\$ 0.0580	\$ 7,192.00	Tenaska
TETCO	ELA - M-3	N	558,000	\$ 102,218.68	\$ 0.1832	\$ 102,218.68	Grays Ferry
TETCO	STX - M-3	N	558,000	\$ 102,218.68	\$ 0.1832	\$ 102,218.68	Grays Ferry
			<u>2,012,374</u>			<u>\$ 371,026.26</u>	
TRANSCO	3-6	N	155,000	\$ 2,340.50	\$ 0.0151	\$ 2,340.50	NJR Ener
TRANSCO	3-6	N	155,000	\$ 790.50	\$ 0.0051	\$ 790.50	So Jersey Res
TRANSCO	3-6	N	7,502	\$ 3,922.12	\$ 0.5228	\$ 3,922.12	So Jersey Res
TRANSCO	3-6	N	19,127	\$ 9,999.98	\$ 0.5228	\$ 9,999.98	Sprague
TRANSCO	3-6	N	44,206	\$ 23,111.43	\$ 0.5228	\$ 23,111.43	CNE
TRANSCO	3-6	N	87,792	\$ 45,898.29	\$ 0.5228	\$ 45,898.29	UGI
TRANSCO	3-6	N	89,652	\$ 46,871.07	\$ 0.5228	\$ 46,871.07	Hess
TRANSCO	3-6	N	310,000	\$ 64,790.00	\$ 0.2090	\$ 64,790.00	Hess
TRANSCO	3-6	N	310,000	\$ 80,135.00	\$ 0.2585	\$ 80,135.00	BG
TRANSCO	3-6	N	310,000	\$ 75,330.00	\$ 0.2430	\$ 75,330.00	BNP
TRANSCO	3-6	N	310,000	\$ 43,400.00	\$ 0.1400	\$ 43,400.00	Exelon
TRANSCO	3-6	N	310,000	\$ 30,225.00	\$ 0.0975	\$ 30,225.00	Conocophillips
			<u>2,108,279</u>			<u>\$ 426,813.89</u>	
June-13							
TETCO	ELA - M-3	N	120,000	\$ 4,920.00	\$ 0.0410	\$ 4,920.00	Colonial
TETCO	STX - M-3	N	42,750	\$ 17,976.38	\$ 0.4205	\$ 17,976.38	CNE
TETCO	STX - M-3	N	18,480	\$ 7,770.85	\$ 0.4205	\$ 7,770.85	Sprague
TETCO	ELA - M-3	N	85,110	\$ 35,788.76	\$ 0.4205	\$ 35,788.76	UGI
TETCO	ELA - M-3	N	6,930	\$ 2,914.08	\$ 0.4205	\$ 2,914.08	So Jersey Res
TETCO	ELA - M-3	N	88,020	\$ 37,012.40	\$ 0.4205	\$ 37,012.40	Hess
TETCO	ELA - M-3	N	300,000	\$ 5,100.00	\$ 0.0170	\$ 5,100.00	Colonial
TETCO	ELA - M-3	N	471,240	\$ 83,645.10	\$ 0.1775	\$ 83,645.10	NJR Ener Svc
TETCO	ELA - M-3	N	120,000	\$ 6,960.00	\$ 0.0580	\$ 6,960.00	Tenaska
TETCO	ELA - M-3	N	540,000	\$ 57,833.90	\$ 0.1071	\$ 57,833.90	Grays Ferry
TETCO	ELA - M-3	N	540,000	\$ 57,833.90	\$ 0.1071	\$ 57,833.90	Grays Ferry
			<u>2,332,530</u>			<u>\$ 317,755.37</u>	

PIPELINE	PATH	RECALL STATUS	MONTHLY VOLUME DTH	TOTAL MONTHLY CREDIT	CREDIT DTH	TOTAL CREDIT	REPLACEMENT SHIPPER	
TRANSCO	3-6	N	150,000	\$ 2,265.00	\$ 0.0151	\$ 2,265.00	NJR Ener Svc	
TRANSCO	3-6	N	150,000	\$ 765.00	\$ 0.0051	\$ 765.00	So Jersey	
TRANSCO	3-6	N	6,960	\$ 36,939.00	\$ 5.3073	\$ 3,639.00	So Jersey	
TRANSCO	3-6	N	18,510	\$ 9,677.40	\$ 0.5228	\$ 9,677.40	Sprague	
TRANSCO	3-6	N	42,780	\$ 22,365.90	\$ 0.5228	\$ 22,365.90	CNE	
TRANSCO	3-6	N	85,110	\$ 44,496.30	\$ 0.5228	\$ 44,496.30	UGI	
TRANSCO	3-6	N	88,020	\$ 46,017.60	\$ 0.5228	\$ 46,017.60	Hess	
TRANSCO	3-6	N	150,000	\$ 9,000.00	\$ 0.0600	\$ 9,000.00	BP	
TRANSCO	3-6	N	300,000	\$ 62,700.00	\$ 0.2090	\$ 62,700.00	Hess	
TRANSCO	3-6	N	300,000	\$ 77,550.00	\$ 0.2585	\$ 77,550.00	BG	
TRANSCO	3-6	N	300,000	\$ 72,900.00	\$ 0.2430	\$ 72,900.00	BNP	
TRANSCO	3-6	N	300,000	\$ 42,000.00	\$ 0.1400	\$ 42,000.00	Exelon	
TRANSCO	3-6	N	300,000	\$ 29,250.00	\$ 0.0975	\$ 29,250.00	Conoco	
TRANSCO	3-6	N	70,000	\$ 4,564.00	\$ 0.0652	\$ 4,564.00	Macquarie	
			<u>2,261,380</u>			<u>\$ 427,190.20</u>		
July-13	TETCO	ELA - M-3	N	124,000	\$ 5,084.00	\$ 0.0410	\$ 5,084.00	Colonial Ene
	TETCO	STX - M-3	N	44,175	\$ 18,575.60	\$ 0.4205	\$ 18,575.60	CNE Gas Sup
	TETCO	ELA - M-3	N	7,161	\$ 3,011.20	\$ 0.4205	\$ 3,011.20	So Jersey Res
	TETCO	ELA - M-3	N	19,127	\$ 8,042.91	\$ 0.4205	\$ 8,042.91	Sprague Ope
	TETCO	WLA - M-3	N	90,954	\$ 38,246.16	\$ 0.4205	\$ 38,246.16	Hess Corp
	TETCO	WLA - M-3	N	87,978	\$ 36,994.76	\$ 0.4205	\$ 36,994.76	UGI Energy
	TETCO	WLA - M-3	N	310,000	\$ 17,050.00	\$ 0.0550	\$ 17,050.00	Shell Energy
	TETCO	WLA - M-3	N	75,000	\$ 3,900.00	\$ 0.0520	\$ 3,900.00	Tenaska Mktg
	TETCO	WLA - M-3	N	486,948	\$ 86,433.27	\$ 0.1775	\$ 86,433.27	NJR Ener SVC
	TETCO	ELA - M-3	N	124,000	\$ 7,192.00	\$ 0.0580	\$ 7,192.00	Tenaska Mktg
	TETCO	STX - M-3	N	558,000	\$ 68,299.35	\$ 0.1224	\$ 68,299.35	Grays Ferry
	TETCO	STX - M-3	N	558,000	\$ 68,299.35	\$ 0.1224	\$ 68,299.35	Grays Ferry
			<u>2,485,343</u>			<u>\$ 361,128.60</u>		
	TRANSCO	3-6	N	155,000	\$ 2,340.50	\$ 0.0151	\$ 2,340.50	NJR Ener SVC
	TRANSCO	3-6	N	155,000	\$ 790.50	\$ 0.0051	\$ 790.50	So Jersey Res
	TRANSCO	3-6	N	19,127	\$ 9,999.98	\$ 0.5228	\$ 9,999.98	Sprague
	TRANSCO	3-6	N	7,192	\$ 3,760.30	\$ 0.5228	\$ 3,760.30	So Jersey Res
	TRANSCO	3-6	N	44,206	\$ 23,111.43	\$ 0.5228	\$ 23,111.43	CNE Gas Sup
	TRANSCO	3-6	N	88,009	\$ 46,011.75	\$ 0.5228	\$ 46,011.75	UGI Energy
	TRANSCO	3-6	N	90,954	\$ 47,551.52	\$ 0.5228	\$ 47,551.52	Hess Corp
	TRANSCO	3-6	N	310,000	\$ 64,790.00	\$ 0.2090	\$ 64,790.00	Hess Corp
	TRANSCO	3-6	N	310,000	\$ 80,135.00	\$ 0.2585	\$ 80,135.00	Hess Corp
	TRANSCO	3-6	N	310,000	\$ 75,330.00	\$ 0.2430	\$ 75,330.00	BG Energy
	TRANSCO	3-6	N	310,000	\$ 43,400.00	\$ 0.1400	\$ 43,400.00	BNP Paribas Energy
	TRANSCO	3-6	N	310,000	\$ 30,225.00	\$ 0.0975	\$ 30,225.00	Exelon Generation
	TRANSCO	3-6	N	310,000	\$ 31,000.00	\$ 0.1000	\$ 31,000.00	Conocophillips Company
	TRANSCO	3-6	N	75,000	\$ 13,575.00	\$ 0.1810	\$ 13,575.00	Exelon Generation
			<u>2,494,488</u>			<u>\$ 472,020.98</u>	Macquire Energy LLC	
August-13	TETCO	ELA - M-3	N	124,000	\$ 5,084.00	\$ 0.0410	\$ 5,084.00	Colonial Ene
	TETCO	STX - M-3	N	310,000	\$ 17,050.00	\$ 0.0550	\$ 17,050.00	Shell Energy
	TETCO	STX - M-3	N	44,392	\$ 18,449.31	\$ 0.4156	\$ 18,449.31	CNE Gas Sup
	TETCO	ELA - M-3	N	91,636	\$ 38,083.93	\$ 0.4156	\$ 38,083.93	Hess Corp
	TETCO	WLA - M-3	N	19,127	\$ 7,949.18	\$ 0.4156	\$ 7,949.18	Sprague Ope
	TETCO	WLA - M-3	N	6,789	\$ 2,821.52	\$ 0.4156	\$ 2,821.52	So Jersey Res
	TETCO	ELA - M-3	N	90,086	\$ 37,439.75	\$ 0.4156	\$ 37,439.75	UGI Energy
	TETCO	WLA - M-3	N	155,000	\$ 15,500.00	\$ 0.1000	\$ 15,500.00	Infinite Ene
	TETCO	WLA - M-3	N	486,948	\$ 86,433.27	\$ 0.1775	\$ 86,433.27	NJR Ener SVC
	TETCO	ELA - M-3	N	124,000	\$ 7,192.00	\$ 0.0580	\$ 7,192.00	Tenaska Mktg
	TETCO	STX - M-3	N	558,000	\$ 74,827.73	\$ 0.1341	\$ 74,827.73	Grays Ferry
	TETCO	STX - M-3	N	558,000	\$ 74,827.73	\$ 0.1341	\$ 74,827.73	Grays Ferry
			<u>2,567,978</u>			<u>\$ 385,658.42</u>		

PIPELINE	PATH	RECALL STATUS	VOLUME DTH	MONTHLY CREDIT	CREDIT DTH	TOTAL CREDIT	REPLACEMENT SHIPPER
TRANSCO	3-6	N	2,957	\$	1,545.94	\$	Hess
TRANSCO	3-6	N	155,000	\$	2,340.50	\$	NJR Energy
TRANSCO	3-6	N	155,000	\$	790.50	\$	South Jersey Resources
TRANSCO	3-6	N	6,789	\$	3,549.18	\$	South Jersey Resources
TRANSCO	3-6	N	19,127	\$	9,999.98	\$	Sprague
TRANSCO	3-6	N	44,392	\$	23,208.46	\$	CNE Gas Supply
TRANSCO	3-6	N	90,086	\$	47,097.99	\$	UGI Energy
TRANSCO	3-6	N	155,000	\$	45,105.00	\$	Macquarie
TRANSCO	3-6	N	310,000	\$	64,790.00	\$	Hess
TRANSCO	3-6	N	310,000	\$	80,135.00	\$	BG Energy
TRANSCO	3-6	N	310,000	\$	75,330.00	\$	BNP Paribas
TRANSCO	3-6	N	310,000	\$	43,400.00	\$	Exelon
TRANSCO	3-6	N	310,000	\$	30,225.00	\$	Conocophillips
TRANSCO	3-6	N	310,000	\$	31,000.00	\$	Exelon
TRANSCO	3-6	N	88,710	\$	46,378.20	\$	Hess
			<u>2,577,061</u>			\$	504,895.75
September-13							
TETCO	ELA - M-3	N	120,000	\$	4,920.00	\$	Colonial Ene
TETCO	ELA - M-3	N	75,000	\$	11,250.00	\$	Sequent Ene
TETCO	ELA - M-3	N	48,120	\$	19,998.66	\$	CNE Gas Sup
TETCO	ELA - M-3	N	18,510	\$	7,692.76	\$	Sprague Ope
TETCO	STX - M-3	N	91,980	\$	38,226.90	\$	Hess
TETCO	ELA - M-3	N	6,570	\$	2,730.48	\$	So Jersey
TETCO	STX - M-3	N	120,000	\$	1,920.00	\$	Sequent Ene
TETCO	STX - M-3	N	96,420	\$	40,072.14	\$	UGI
TETCO	STX - M-3	N	120,000	\$	6,960.00	\$	Tenaska
TETCO	STX - M-3	N	471,240	\$	75,869.64	\$	BP
TETCO	STX - M-3	N	540,000	\$	54,972.06	\$	Grays Ferry
TETCO	STX - M-3	N	540,000	\$	54,972.06	\$	Grays Ferry
			<u>2,247,840</u>			\$	319,584.70
TRANSCO	3-6	N	150,000	\$	2,265.00	\$	NJR Energy Services
TRANSCO	3-6	N	150,000	\$	765.00	\$	So Jersey
TRANSCO	3-6	N	6,570	\$	3,434.70	\$	So Jersey
TRANSCO	3-6	N	18,510	\$	9,677.40	\$	Sprague
TRANSCO	3-6	N	48,150	\$	25,173.30	\$	CNE Gas Supply
TRANSCO	3-6	N	91,980	\$	48,088.20	\$	Hess Corp
TRANSCO	3-6	N	96,450	\$	50,425.20	\$	UGI
TRANSCO	3-6	N	300,000	\$	72,900.00	\$	BNP Paribas
TRANSCO	3-6	N	300,000	\$	42,000.00	\$	Exelon Generation
TRANSCO	3-6	N	300,000	\$	29,250.00	\$	Conocophillips
TRANSCO	3-6	N	300,000	\$	60,300.00	\$	Sequent Energy
TRANSCO	3-6	N	240,000	\$	31,440.00	\$	Sequent Energy
			<u>2,001,660</u>			\$	375,718.80

October-13	PIPELINE	PATH	RECALL STATUS	VOLUME DTH	MONTHLY CREDIT	CREDIT DTH	TOTAL CREDIT	REPLACEMENT SHIPPER
	TETCO	ELA - M-3	N	124,000	\$ 5,084.00	\$ 0.0410	\$ 5,084.00	Colonial Ene
	TETCO	ELA - M-3	N	77,500	\$ 11,625.00	\$ 0.1500	\$ 11,625.00	Sequent Energy
	TETCO	STX - M-3	N	51,243	\$ 21,296.58	\$ 0.4156	\$ 21,296.58	CNE
	TETCO	STX - M-3	N	7,719	\$ 3,208.02	\$ 0.4156	\$ 3,208.02	So Jersey Res
	TETCO	STX - M-3	N	97,867	\$ 40,673.54	\$ 0.4156	\$ 40,673.54	Hess
	TETCO	WLA - M-3	N	18,569	\$ 7,717.28	\$ 0.4156	\$ 7,717.28	Sprague Ope
	TETCO	WLA - M-3	N	103,788	\$ 43,134.30	\$ 0.4156	\$ 43,134.30	UGI Energy
	TETCO	WLA - M-3	N	124,000	\$ 7,192.00	\$ 0.0580	\$ 7,192.00	Tenaska Mktg
	TETCO	WLA - M-3	N	486,948	\$ 78,398.63	\$ 0.1610	\$ 78,398.63	BP Energy
	TETCO	WLA - M-3	N	558,000	\$ 22,878.00	\$ 0.0410	\$ 22,878.00	Exelon
	TETCO	WLA - M-3	N	558,000	\$ 27,900.00	\$ 0.0500	\$ 27,900.00	Shell Energy
				<u>2,207,634</u>			<u>\$ 269,107.35</u>	
	TRANSCO	3-6	N	155,000	\$ 3,875.00	\$ 0.0250	\$ 2,340.50	NJR Energy
	TRANSCO	3-6	N	155,000	\$ 790.50	\$ 0.0051	\$ 790.50	So Jersey
	TRANSCO	3-6	N	7,719	\$ 4,035.58	\$ 0.5228	\$ 4,035.58	So Jersey
	TRANSCO	3-6	N	18,569	\$ 9,707.96	\$ 0.5228	\$ 9,707.96	Sprague
	TRANSCO	3-6	N	51,243	\$ 26,790.20	\$ 0.5228	\$ 26,790.20	CNE
	TRANSCO	3-6	N	97,867	\$ 51,165.81	\$ 0.5228	\$ 51,165.81	Hess
	TRANSCO	3-6	N	103,819	\$ 54,277.59	\$ 0.5228	\$ 54,277.59	UGI
	TRANSCO	3-6	N	310,000	\$ 75,330.00	\$ 0.2430	\$ 75,330.00	BNP
	TRANSCO	3-6	N	310,000	\$ 43,400.00	\$ 0.1400	\$ 43,400.00	Exelon
	TRANSCO	3-6	N	310,000	\$ 30,225.00	\$ 0.0975	\$ 30,225.00	Conocophillips
	TRANSCO	3-6	N	310,000	\$ 62,310.00	\$ 0.2010	\$ 62,310.00	Sequent
	TRANSCO	3-6	N	310,000	\$ 37,510.00	\$ 0.1210	\$ 37,510.00	Macquarie
	TRANSCO	3-6	N	310,000	\$ 37,510.00	\$ 0.1210	\$ 37,510.00	Macquarie
				<u>2,449,217</u>			<u>\$ 435,393.14</u>	
November-13	TETCO	ELA - M-3	N	75,000	\$ 11,250.00	\$ 0.1500	\$ 11,250.00	Sequent
	TETCO	ELA - M-3	N	96,840	\$ 40,246.71	\$ 0.4156	\$ 40,246.71	Hess Corp
	TETCO	ELA - M-3	N	48,960	\$ 20,347.77	\$ 0.4156	\$ 20,347.77	CNE Gas Sup
	TETCO	STX - M-3	N	19,590	\$ 8,141.60	\$ 0.4156	\$ 8,141.60	Sprague Ope
	TETCO	ELA - M-3	N	6,750	\$ 2,805.31	\$ 0.4156	\$ 2,805.31	So Jersey
	TETCO	ELA - M-3	N	99,450	\$ 41,331.43	\$ 0.4156	\$ 41,331.43	UGI Energy
	TETCO	ELA - M-3	N	225,000	\$ 33,075.00	\$ 0.1470	\$ 33,075.00	Sequent
	TETCO	ELA - M-3	N	471,240	\$ 75,869.64	\$ 0.1610	\$ 75,869.64	BP Energy
				<u>1,042,830</u>			<u>\$ 233,067.46</u>	
	TRANSCO	3-6	N	6,780	\$ 3,544.50	\$ 0.5228	\$ 3,544.50	So Jersey
	TRANSCO	3-6	N	19,590	\$ 10,241.70	\$ 0.5228	\$ 10,241.70	Sprague Ope
	TRANSCO	3-6	N	48,990	\$ 25,612.50	\$ 0.5228	\$ 25,612.50	CNE Gas Supply
	TRANSCO	3-6	N	96,870	\$ 50,644.50	\$ 0.5228	\$ 50,644.50	Hess
	TRANSCO	3-6	N	99,450	\$ 51,993.60	\$ 0.5228	\$ 51,993.60	UGI Energy
	TRANSCO	3-6	N	150,000	\$ 28,650.00	\$ 0.1910	\$ 28,650.00	Macquarie
	TRANSCO	3-6	N	300,000	\$ 60,300.00	\$ 0.2010	\$ 60,300.00	Sequent Energy
				<u>721,680</u>			<u>\$ 230,986.80</u>	
December-13	TETCO	ELA - M-3	N	77,500	\$ 11,625.00	\$ 0.1500	\$ 11,625.00	Seq Ener Mgm
	TETCO	ELA - M-3	N	101,153	\$ 42,022.30	\$ 0.4154	\$ 42,022.30	Hess
	TETCO	ELA - M-3	N	51,646	\$ 21,469.25	\$ 0.4157	\$ 21,469.25	CNE
	TETCO	ELA - M-3	N	6,975	\$ 2,899.52	\$ 0.4157	\$ 2,899.52	So Jersey Res
	TETCO	ELA - M-3	N	106,516	\$ 44,278.69	\$ 0.4157	\$ 44,278.69	UGI
	TETCO	ELA - M-3	N	20,274	\$ 8,427.91	\$ 0.4157	\$ 8,427.91	Sprague
	TETCO	ELA - M-3	N	232,500	\$ 34,177.50	\$ 0.1470	\$ 34,177.50	Seq Ener Mgm
	TETCO	ELA - M-3	N	486,948	\$ 78,398.63	\$ 0.1610	\$ 78,398.63	BP Energy
				<u>1,083,512</u>			<u>\$ 243,298.80</u>	
	TRANSCO	3-6	N	7,006	\$ 3,662.65	\$ 0.5228	\$ 3,662.65	S. Jersey Res
	TRANSCO	3-6	N	20,274	\$ 10,599.52	\$ 0.5228	\$ 10,599.52	Sprague Operating Res
	TRANSCO	3-6	N	51,677	\$ 27,017.12	\$ 0.5228	\$ 27,017.12	CNE
	TRANSCO	3-6	N	101,153	\$ 52,883.83	\$ 0.5228	\$ 52,883.83	Hess
	TRANSCO	3-6	N	106,547	\$ 55,703.90	\$ 0.5228	\$ 55,703.90	UGI
	TRANSCO	3-6	N	155,000	\$ 77,500.00	\$ 0.5000	\$ 77,500.00	Colonial
	TRANSCO	3-6	N	310,000	\$ 62,310.00	\$ 0.2010	\$ 62,310.00	Sequent
				<u>751,657</u>			<u>\$ 289,677.02</u>	

Tab 7

Philadelphia Gas Works

Pennsylvania Public Utility Commission
52 Pa. Code §53.61, et seq.

Item 53.64(c) Thirty days prior to the filing of a tariff reflecting an increase or decrease in natural gas costs, each Section 1307(f) gas utility seeking recovery of purchased gas costs under that section shall provide notice to the public, under § 53.68 (relating to notice requirements), and shall file the following supporting information with the Commission, with a copy to the Consumer Advocate, Small Business Advocate and to intervenors upon request:

- (8) A list of agreements to transport gas by the utility through its system, for other utilities, pipelines or jurisdictional customers including the quantity and price of the transportation.

Response:

Please see the attached list of gas transportation agreements for PGW's jurisdictional customers. PGW has no transportation agreements with other utilities or pipeline customers.

**Philadelphia Gas Works
January 2013 - December 2013**

53.64(c) 8 9

METER #	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL CCF	Max Daily Qty (Dth)
1457534	90,131	87,591	77,164	22,683	-	-	-	-	96	19,685	61,548	85,099	443,999	267
2026784	9,532	9,171	8,356	3,934	1,797	1,111	971	1,022	1,254	2,171	5,432	7,269	52,021	420
2024683	26,340	24,942	24,459	12,377	5,566	2,271	1,587	1,798	1,923	9,137	19,639	24,868	154,907	360
1533333	15,960	14,380	13,400	2,410	-	-	-	-	-	2,090	10,560	14,970	73,170	706
1611639	9,174	9,195	7,412	1,687	-	-	-	-	-	1,100	5,767	9,067	43,404	1,465
1519033	26,481	21,969	19,467	7,740	238	-	-	-	-	8,255	18,799	24,838	127,788	994
1305000	192,342	181,926	176,971	143,569	133,287	129,012	113,172	93,920	95,728	113,665	149,355	174,481	1,697,429	400
1571005	15,654	15,170	12,508	2,567	-	-	-	-	-	1,778	8,974	13,960	70,610	1,032
1571006	11,835	11,277	9,100	1,199	-	-	-	-	-	736	5,249	8,711	48,108	348
1724230	-	8,710	8,305	6,503	1,007	10	4	4	5	5	533	3,629	28,715	1,222
2027533	15,614	15,040	13,985	4,407	-	1	-	1	-	3,318	11,454	14,315	78,135	58
1987805	12,163	10,655	9,800	3,309	631	310	313	317	295	1,875	7,583	10,654	57,904	340
1724005	25,742	23,195	26,612	28,775	29,920	26,078	26,866	26,629	26,144	27,857	26,377	28,046	322,239	452
2027459	24,802	21,454	22,720	22,149	22,070	20,948	22,079	22,463	23,009	23,025	26,171	28,378	279,267	417
2035554	4,313	4,252	3,910	1,887	838	675	571	604	656	1,309	2,883	3,840	25,738	240
1526431	10,330	1,980	4,230	3,490	-	-	-	-	-	3,180	12,950	20,380	56,540	351
1553337	28,610	28,410	26,420	7,170	360	-	-	10	170	3,580	17,070	22,940	134,740	720
2064975	17,580	16,240	16,880	17,690	17,400	14,690	15,080	14,410	14,310	17,030	16,030	18,650	195,990	200
1724226	71,630	64,049	68,231	61,669	57,574	53,390	56,063	54,501	29,929	74,789	74,490	68,630	734,945	200
2027375	-	-	-	-	-	-	-	-	3,960	7,022	14,341	19,126	44,449	180
2035210	2,502	2,765	2,800	866	-	-	-	-	-	456	1,984	2,716	14,089	403
2035366	2,286	2,049	2,151	478	-	-	-	-	-	213	1,690	2,565	11,432	311
1724006	22,566	21,866	19,541	10,167	5,948	3,488	3,283	3,529	3,591	7,038	15,342	20,590	136,950	496
1989426	30,295	28,462	28,336	13,058	2,872	2,580	2,326	2,514	2,704	7,939	20,888	26,520	168,474	383
2024644	8,253	9,121	9,860	2,471	1,336	1,155	1,079	1,109	1,035	2,243	5,589	6,338	49,589	340
1389590	53,840	47,410	47,200	32,820	25,980	20,750	17,340	14,160	18,360	29,080	39,550	49,480	395,970	200
1723873	4,715	4,803	4,066	1,120	181	114	64	-	77	529	2,854	3,863	22,386	958
1526465	11,853	19,815	18,502	9,182	5,133	2,369	2,168	2,163	2,155	5,808	15,396	19,887	114,429	407
2064976	19,970	18,810	17,660	4,360	-	-	-	-	-	4,470	16,110	22,962	104,342	172
1989652	18,197	18,391	15,134	8,939	7,444	6,239	3,924	4,278	4,509	6,943	11,500	16,903	122,401	226
2035356	2,756	2,682	2,404	930	-	-	-	-	-	135	1,111	2,082	12,100	31
1526426	26,091	24,479	24,095	-	-	-	-	-	-	-	-	-	74,665	784
1546085	25,749	25,579	58,931	-	-	-	-	-	-	-	-	-	110,259	782
1546087	28,291	27,341	29,304	-	-	-	-	-	-	-	-	-	84,936	2,191
1546088	27,095	33,920	26,975	-	-	-	-	-	-	-	-	-	87,990	314
2024712	14,750	15,141	12,019	1,425	-	1	11	-	-	555	8,216	12,728	64,846	120
2023951	26,143	23,127	17,379	-	-	-	-	-	-	-	16,266	25,777	108,692	1,833
1553331	56,882	54,778	50,976	15,935	3,097	1,634	1,485	1,613	2,307	11,267	37,070	49,769	286,811	300
2070242	2,231	2,166	1,903	769	-	-	-	-	-	1,389	2,351	3,051	13,860	302
2070249	4,545	4,352	4,194	2,486	4	-	-	-	-	554	2,052	2,899	21,086	336
2070260	3,972	3,730	3,595	1,944	3	-	-	-	-	1,163	2,839	3,626	20,872	958
2070271	3,597	3,482	3,228	1,731	14	-	-	-	-	865	2,391	3,287	18,595	419
2025139	11,522	11,411	12,120	3,749	-	-	-	-	8	3,125	8,823	10,773	61,531	408
1987495	13,750	14,280	14,340	14,370	13,200	11,060	7,250	10,470	10,010	11,250	8,810	7,820	136,610	216
1884506	11,166	9,266	7,185	1,392	-	-	-	-	39	1,338	6,123	9,791	46,301	266
1756663	67,082	70,674	61,085	8,184	14	-	-	-	-	8,252	43,797	65,164	324,252	223
1658879	12,710	12,160	11,160	6,240	2,790	1,730	1,530	1,710	1,640	4,630	8,900	11,580	76,780	360
1601879	87,428	83,615	91,037	72,411	42,134	47,251	82,148	88,879	74,921	76,771	-	-	746,593	782
1724853	49,378	41,550	31,551	9,962	221	-	-	112	-	3,470	29,338	37,292	202,873	144
2024307	12,846	12,372	11,029	3,938	525	-	-	-	-	1,626	8,743	12,052	63,131	360
1921578	6,293	6,135	6,149	1,936	1,417	1,234	1,091	1,287	2,429	2,767	4,239	5,503	40,480	81
2027635	3,839	3,437	3,160	2,454	2,344	2,011	1,970	1,348	1,627	2,291	2,646	3,799	30,926	500
2026838	13,610	13,275	13,790	3,794	-	-	-	-	-	2,396	8,553	15,061	70,480	946
1526406	70,721	63,761	66,380	59,921	47,999	35,532	31,297	32,553	35,988	45,614	53,254	57,132	600,152	2,847
2012886	5,701	5,417	5,126	2,099	442	26	-	-	144	1,374	3,778	4,527	28,634	75
1594769	-	-	-	-	-	-	-	-	-	-	-	-	-	24
1621317	329,531	312,259	308,177	231,855	203,046	211,400	158,339	173,470	197,407	162,693	329,056	357,505	2,974,737	92
2090400	114,128	101,626	96,969	85,021	141,042	149,576	203,190	112,272	91,578	76,596	96,563	101,159	1,369,718	419
1987777	8,701	7,914	8,308	8,434	7,740	6,731	7,136	7,123	6,955	8,657	8,344	9,923	95,966	43
1987797	14,026	12,901	11,762	9,344	8,081	7,122	7,250	7,081	7,017	9,106	10,377	12,225	116,294	302
1884577	44,656	45,788	43,809	17,807	5,924	-	-	-	-	5,237	26,018	34,290	223,330	624
1377228	15,170	14,000	16,600	8,470	1,970	-	-	-	-	1,720	10,270	16,151	84,351	622
1685273	26,151	25,374	22,455	10,484	3,080	2,183	1,915	2,049	2,075	5,222	15,452	23,718	140,158	782
2027531	26,514	27,969	25,017	7,805	887	-	-	-	203	4,496	22,702	33,584	149,177	3,128
2115837	-	-	-	-	9,682	6,852	5,999	6,585	8,891	12,177	17,983	21,888	90,057	782
1906625	10,745	9,393	10,065	8,321	7,581	7,440	7,612	7,731	7,266	8,830	9,076	10,957	105,014	30
1724008	54,341	51,674	42,960	26,283	23,395	20,687	20,491	21,057	20,933	26,923	36,603	37,657	383,005	522
2027477	5,612	5,245	5,697	5,749	5,473	3,604	3,780	3,879	4,134	4,581	3,982	3,525	55,261	162
2036147	5,994	5,057	4,756	1,505	-	3	-	-	-	652	3,354	5,155	26,476	312
2024704	10,916	11,157	8,181	3,113	2,439	-	-	-	-	1,298	3,871	7,329	58,042	313
1519035	67,139	59,823	59,214	18,183	7,970	7,908	7,561	8,831	8,531	22,688	45,616	58,666	372,128	852
2024705	16,739	15,659	14,837	8,368	5,907	4,693	4,544	5,027	4,807	6,203	11,411	15,173	113,368	522
1806076	59,600	54,800	48,400	23,900	15,400	13,500	13,400	14,800	13,500	21,400	44,300	62,708	385,708	374
2035943	4,276	3,900	3,950	2,462	2,019	2,111	2,198	2,355	2,151	2,308	3,317	4,366	35,413	240
1921575	18,440	13,837	10,135	3,004	350	1	-	-	6	1,842	10,031	14,087	71,733	281
2024648	24,108	20,431	19,949	16,881	16,066	15,322	14,290	13,974	14,995	16,893	18,420	22,182	213,510	490
2027406	26,103	23,885	23,036	18,661	15,724	16,090	14,727	14,612	16,214	20,794	23,784	27,634	241,266	209
2027544	23,656	21,628	20,717	16,685	13,923	12,256	12,943	12,834	14,559	18,768	21,425	25,073	216,467	64
2115543	5,075	4,656	4,053	1,277	-	-	-	-	10	1,054	3,336	4,516	23,977	64
1320010	49,150	40,890	39,680	39,470	38,630	40,010	36,210	37,420	35,090	30,690	29,170	40,100	456,510	383
2026758	14,516	11,879	13,148	5,859	142	92	-	-	1	520	7,208	12,793	66,158	6
1806092	36,496	33,068	35,243	37,404	41,933	34,744	34,122	32,820	35,322	32,602	30,424	36,606	420,784	384
2094623	76,515	74,243												

**Philadelphia Gas Works
January 2013 - December 2013**

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1383481	50,459	47,745	43,837	23,208	12,364	10,258	8,080	9,169	10,125	16,806	35,383	47,729	315,159	295	
1724001	16,395	15,311	18,574	1,652	10	-	-	-	60	1,580	11,720	14,770	80,073	173	
1658881	26,958	24,902	23,347	9,189	-	-	-	-	-	6,962	20,540	24,644	136,541	403	
1989625	6,415	5,878	5,960	691	-	-	-	-	17	-	4,052	5,989	29,001	454	
2035891	7,935	7,540	8,205	5,701	3,961	2,546	2,615	2,541	2,770	4,122	6,656	7,492	62,083	591	
2036188	23,996	22,523	19,172	11,433	13,047	14,092	15,943	15,307	10,641	12,050	17,824	25,257	201,286	1,300	
1921579	8,192	6,398	2,027	3,725	2,882	1,407	955	1,249	2,159	3,815	5,239	6,513	44,562	843	
1909351	7,301	7,259	6,335	2,589	399	-	-	-	-	1,621	5,030	6,874	37,408	504	
2115697	7,257	10,507	8,741	3,614	-	-	-	-	-	2,278	7,859	9,955	50,211	172	
2024715	30,610	30,887	28,651	4,352	-	-	-	-	-	3,321	16,390	22,992	137,203	503	
2035967	3,907	3,773	4,292	4,329	4,609	4,249	3,899	3,801	3,760	4,406	4,083	4,462	49,568	685	
2024851	19,062	17,213	15,729	7,076	1,754	142	-	-	-	3,220	13,352	16,514	94,062	244	
2027375	22,090	21,051	20,449	12,966	5,539	3,842	3,384	-	3,849	-	-	-	93,170	733	
2025158	22,715	19,923	15,096	4,102	-	1	-	-	316	1,882	11,357	20,612	96,005	626	
1356069	73,639	69,070	67,635	45,364	35,715	30,766	27,066	29,255	24,942	38,222	56,830	70,479	568,984	556	
1724011	10,927	10,292	5,544	1,070	-	-	-	-	21	1,060	6,852	9,382	45,149	907	
2023840	5,372	5,219	5,050	3,244	1,925	762	801	842	875	2,301	4,355	5,542	36,288	934	
1658873	11,295	10,112	7,999	3,045	155	-	-	11	-	1,620	9,627	14,219	58,083	1,400	
2036167	18,525	17,923	16,009	5,711	1,030	-	-	36	-	3,901	12,832	16,123	92,089	4,372	
1806077	64,000	63,600	63,600	19,900	3,200	2,900	2,300	2,700	3,200	19,400	53,700	68,533	367,033	277	
2025150	6,410	7,038	5,787	1,168	140	-	-	-	1	1,245	4,795	6,704	33,288	178	
1393689	55,453	47,921	48,361	23,470	8,122	7,941	4,761	6,254	6,293	20,747	36,706	43,114	309,143	859	
1989428	55,048	53,784	52,736	32,917	19,873	11,251	7,917	7,713	9,708	26,922	47,990	61,843	387,702	302	
2035975	8,807	13,462	13,221	11,623	11,260	9,975	9,414	9,748	10,064	12,009	10,361	12,605	132,548	554	
1826616	6,698	7,085	6,235	2,895	764	-	-	-	-	1,589	4,808	6,912	36,986	703	
2115553	19,312	17,825	18,515	15,632	18,166	15,703	15,422	16,613	16,030	16,852	16,461	19,225	205,756	605	
2027599	-	-	-	-	-	-	-	-	-	-	-	-	7,087	123	
1723898	37,057	32,153	22,060	6,014	-	-	-	-	-	628	28,344	38,790	165,226	424	
1393761	28,845	31,506	31,581	23,726	20,620	17,438	17,096	16,969	16,793	19,561	24,371	27,864	276,369	204	
2064973	49,523	-	99,241	41,867	36,091	27,357	24,943	28,435	25,795	34,608	42,248	50,122	460,230	424	
2115843	18,453	18,873	12,345	469	-	-	-	-	-	7,264	17,660	17,660	75,064	163	
1526471	57,180	58,410	54,870	33,350	18,170	18,060	15,320	14,300	15,114	21,526	44,938	56,322	407,560	324	
1987785	7,024	7,089	6,996	3,540	1,715	1,132	988	1,060	1,080	2,956	12,124	15,528	61,232	120	
1884513	7,290	6,994	6,553	3,857	3,323	2,735	2,488	2,783	2,802	3,295	5,155	6,870	54,145	241	
1884573	30,092	29,242	23,102	9,126	-	-	-	-	106	-	5,256	20,524	27,998	145,446	698
1611640	-	8,700	7,350	1,300	-	-	-	-	-	560	6,410	9,780	34,100	240	
2116154	14,278	12,827	12,492	12,940	8,539	11,127	7,297	8,990	9,089	9,484	8,871	11,892	127,827	141	
1921703	29,680	28,460	26,700	8,910	4,390	-	-	-	80	8,360	22,390	32,840	161,810	400	
2024703	16,167	15,806	14,702	4,836	1,107	-	-	-	-	2,100	11,236	14,748	80,702	389	
1374187	38,643	37,872	26,943	8,298	-	-	-	-	-	2,310	20,155	30,337	164,559	565	
1724240	10,603	8,751	5,043	1,716	-	-	-	-	196	1,219	6,342	9,675	43,545	703	
1514012	15,188	12,393	9,591	4,005	856	-	-	-	74	1,995	10,158	10,500	64,761	264	
1526424	8,150	7,680	4,970	2,290	100	-	-	-	-	1,260	4,150	6,270	34,870	418	
2023947	-	-	-	-	-	-	-	-	-	6,566	8,499	10,340	25,405	418	
2035364	-	-	2,979	535	6	-	-	-	-	350	1,170	1,533	6,573	495	
1987808	52	83	-	-	21	62	5,797	7,728	10,496	1,262	11	11	25,522	469	
1526437	95,186	87,272	78,144	33,615	17,240	12,569	2,532	-	214	29,083	68,130	91,323	515,307	449	
1724003	26,190	24,330	22,470	13,280	7,190	3,770	3,420	-	-	13,960	19,230	24,990	158,830	305	
1623318	25,464	23,950	19,261	3,237	-	-	-	-	21	2,239	15,934	21,464	111,570	550	
1909301	12,085,820	11,271,410	12,050,730	7,174,120	8,504,260	6,883,480	5,905,930	7,421,480	7,079,720	6,995,390	9,820,280	10,441,850	105,634,470	-	
2023196	482	496	494	516	582	-	421	-	-	-	-	-	2,991	203	
2027600	11,040	10,338	9,832	6,069	2,497	1,467	1,228	1,350	2,334	4,568	7,892	9,450	68,066	180	
2027485	38,040	35,430	32,250	11,883	5,615	3,872	3,793	4,084	4,872	11,203	28,722	33,592	213,156	1,461	
2023712	-	-	7,294	911	132	-	-	-	-	696	2,720	3,612	15,365	1,461	
2025166	4,680	4,514	3,343	705	-	-	-	-	1	400	3,172	4,574	21,388	192	
1987812	10,240	10,640	9,270	2,640	-	-	-	-	-	1,420	7,760	11,200	53,170	1,046	
1526421	14,107	13,778	11,599	5,209	1,088	-	-	-	11	1,296	8,510	12,219	67,818	927	
2012861	4,870	5,179	4,887	3,348	2,090	1,293	1,030	1,219	1,527	2,441	4,240	4,806	36,931	1,380	
2115067	3,281	3,208	3,221	842	-	-	-	-	-	282	1,882	2,757	15,473	316	
1826506	6,539	6,693	5,579	4,152	3,604	3,127	3,566	3,323	3,879	4,269	5,146	5,720	55,597	302	
1383344	27,280	27,150	25,230	14,760	10,270	7,140	3,820	4,450	8,880	13,670	18,780	30,210	191,640	750	
1533338	-	-	-	-	-	-	-	-	-	550	2,880	4,130	7,560	5,500	
2116016	-	-	-	-	-	-	-	-	-	954	2,348	3,237	6,539	5,500	
2027423	5,020	4,589	4,381	1,920	219	-	-	-	-	1,005	4,049	5,653	26,837	1,709	
1723876	12,429	11,583	10,653	2,660	-	-	-	-	-	2,464	7,954	11,972	59,715	151	
1546143	14,073	13,287	11,664	5,191	3,578	2,089	-	-	-	2,957	9,337	13,287	75,461	605	
2025049	7,486	4,266	3,767	2,357	2,378	2,235	2,242	2,422	2,900	2,882	3,360	4,358	40,653	277	
1546132	77,523	70,415	80,479	32,388	90,051	74,214	77,417	74,524	89,460	86,850	96,325	89,673	939,317	63	
1582085	2,065,600	1,981,100	2,406,500	1,609,900	2,218,100	2,007,900	2,040,300	1,886,900	2,133,625	2,129,621	2,266,693	2,413,875	25,160,113	130	
1582086	-	-	2,200	-	-	-	-	-	-	-	-	-	2,200	31	
1884510	27,897	26,117	24,028	12,325	5,334	4,787	3,855	4,359	5,153	7,534	18,073	24,408	163,872	34	
1826674	11,527	10,550	12,129	8,386	7,785	7,181	6,792	7,218	6,192	7,171	9,329	9,624	103,884	114	
2023831	3,583	3,383	3,833	3,359	2,870	2,489	2,199	1,456	2,689	3,150	3,234	3,300	35,545	89	
2025178	13,017	12,122	11,026	6,087	3,371	2,292	1,512	1,702	1,713	1,711	11,231	14,592	85,836	149	
1582087	19,036	19,842	17,961	3,081	-	-	-	-	-	3,526	15,345	17,878	96,669	676	
1685278	32,418	30,406	27,906	9,876	2,910	2,142	2,010	2,602	2,777	8,878	29,559	39,341	190,825	133	
1658878	44,747	41,646	32,546	5,453	-	-	-	23	-	4,805	26,185	36,670	192,075	1,222	
1906650	239,673	227,836	233,824	222,306	161,910	149,387	139,782	143,701	104,243	173,474	163,156	169,404	2,128,696	644	
2115595	-	11,972	21,786	18,091	3	2,129	6,444	9,743	6,843	3,952	1,544	10,177	92,685	301	
1305002	16,217	6,053	5,588	10	-	-	-	-	-	-	1,737	4,636	34,241	720	
1305003	41,660	39,089	36,721	8,524	515	-	-	11	-	10	95	16,937	181,105	202	
2027215	4,437	4,165	3,829	1,350	-	-	-	-	-	-	723	-	17,772	75	
1406184	13,812	10,041	9,719	2,419	-	-	-	-	53	1,756	9,954	13,710	61,464	144	
1724851	75,600	65,300	68,000	56,800	49,200	38,100	37,500	40,600	39,500	39,300	45,800	77,900</			

**Philadelphia Gas Works
January 2013 - December 2013**

53.64(c) 8 9

2070391	2,338	2,162	2,132	1,280	455	366	287	319	354	727	1,692	2,144	14,256	130
2024604	5,143	4,004	4,056	5,746	6,894	7,091	7,072	9,617	6,991	6,408	5,032	5,428	73,483	110
1906623	9,545	8,007	8,899	4,963	1,273	1,058	983	1,126	1,193	3,481	6,302	7,464	54,294	89
1546144	5,696	5,318	3,766	1,213	134	-	-	-	-	640	3,457	5,264	25,489	285
2115841	38,937	37,924	48,995	39,509	43,228	39,495	37,325	34,978	30,454	36,519	39,270	34,232	458,866	183
2115844	49,285	47,406	57,619	47,919	52,337	47,108	44,827	42,395	38,417	44,849	48,599	43,457	564,218	240
1611638	18,102	15,825	15,259	4,862	640	-	-	-	-	-	-	-	54,689	831
1756662	98,094	65,357	75,107	58,838	64,787	61,266	82,509	55,322	75,208	81,297	62,470	55,559	835,815	84
1921701	78,674	66,671	68,372	38,358	30,173	24,791	25,168	30,555	31,995	41,483	56,191	62,013	552,444	354
1723998	59,141	56,752	55,032	36,163	22,842	16,336	15,407	15,902	16,124	27,312	46,450	55,687	423,148	907
2027564	4,742	4,625	3,599	1,686	338	-	47	298	932	1,866	4,313	4,742	27,188	728
2027625	4,137	4,510	3,622	1,590	494	250	230	389	938	1,586	3,334	4,379	25,459	1,565
1519038	71,707	70,513	65,725	36,286	29,620	22,278	4,357	16,719	18,300	25,738	42,886	54,264	458,393	58
2024645	8,534	9,071	7,796	3,879	1,643	1,284	1,232	1,246	1,621	3,249	7,671	7,917	55,142	313
2025149	6,468	7,038	4,828	3,871	2,131	1,224	974	1,268	2,351	2,798	3,502	4,585	41,038	14
2027560	7,166	6,958	5,741	2,673	1,151	480	337	852	1,282	2,281	4,630	4,945	38,497	432
2116156	17,364	18,049	15,635	7,668	3,011	2,325	1,572	1,689	2,333	4,223	13,105	15,326	102,300	76
1906628	9,951	9,439	8,056	2,610	40	-	-	-	-	-	-	-	30,095	76
2036151	8,474	8,755	8,241	3,693	584	-	-	-	-	2,039	5,987	8,226	45,999	202
2064880	4,913	5,067	5,300	4,401	3,785	3,465	3,193	3,422	3,276	3,295	4,477	4,881	49,476	115
2023958	23,433	19,779	18,252	7,760	829	-	-	-	-	5,499	20,549	31,265	127,366	397
2024684	9,015	8,406	5,568	1,521	-	-	-	-	2	975	6,252	8,861	40,599	281
2116148	9,750	9,430	11,730	4,890	2,150	1,440	1,130	1,220	1,370	3,640	7,950	10,000	64,700	500
2064974	27,189	24,738	17,287	2,469	20	-	-	-	-	2,842	16,315	23,883	114,744	456
1397885	9,703	8,033	5,390	1,573	-	-	-	-	-	955	6,152	8,979	40,785	237
1420497	101,261	88,723	82,320	71,272	62,698	63,299	65,837	74,260	73,282	87,499	77,875	96,583	944,909	2,847
2012880	9,760	9,502	8,842	4,652	2,480	1,072	813	898	1,079	3,122	6,906	7,855	56,981	396
1724854	80,826	78,954	66,854	72,753	43,662	37,231	32,570	35,302	35,227	43,477	81,440	95,545	703,843	240
1426742	27,584	22,857	23,451	15,506	8,631	1,769	25	64	5,329	8,208	16,388	24,883	154,694	272
1356078	39,253	35,064	26,331	4,881	-	-	-	-	-	3,675	12,735	20,094	142,033	3,432
2116158	57,790	50,240	47,730	18,820	50	-	-	-	10	3,370	15,040	21,130	214,180	2,169
2116159	-	-	5,530	-	-	-	-	-	-	-	15,940	31,620	53,090	170
2133065	7,776	8,000	6,231	1,356	1	28	1	-	-	881	3,348	4,967	32,589	269
1397886	8,638	9,133	5,721	1,101	-	-	-	-	21	901	5,872	7,303	38,690	320
1378232	8,223	9,175	6,459	1,983	134	-	-	-	-	1,133	5,887	7,392	40,386	720
1480546	12,114	12,297	10,035	2,466	113	-	-	-	-	1,105	6,403	8,457	52,989	136
2027510	8,065	7,229	6,910	6,932	7,056	6,133	7,234	7,566	6,629	8,248	6,662	6,909	85,573	215
1954681	74,374	65,432	48,072	27,084	21,880	19,632	16,072	16,012	16,341	22,181	38,885	49,137	415,102	127
2027454	7,566	7,442	7,331	938	-	-	-	-	-	1,496	6,142	8,286	39,201	127
2035408	2,138	2,012	1,833	665	88	-	-	-	-	242	1,537	2,282	10,797	127
1685269	27,100	24,850	24,320	19,210	19,150	22,020	24,780	24,820	22,620	22,610	18,940	21,730	272,150	216
2116004	5,221	5,235	4,495	1,353	-	-	-	-	-	761	3,718	4,785	25,568	103
2123495	-	-	-	-	-	-	-	-	-	-	12,384	11,087	23,471	120
1987815	63,603	56,640	52,221	31,199	19,148	16,068	14,863	16,459	18,607	27,132	49,481	56,983	422,403	131
1724010	24,490	23,700	24,437	23,366	22,094	20,259	19,964	22,201	22,053	22,870	20,313	21,919	267,666	76
1826561	6,948	6,776	6,185	2,796	1,127	901	765	787	873	1,702	4,609	6,393	39,862	132
2035839	6,173	5,905	5,185	2,324	1,332	1,036	1,094	1,049	980	1,884	3,807	5,403	36,171	112
1756664	32,470	30,360	30,390	7,620	780	-	-	-	-	4,050	24,620	39,246	169,536	346
1921700	50,055	47,160	51,538	9,804	882	-	-	729	45	6,021	25,793	42,461	234,488	549
2025107	8,659	8,281	6,166	1,136	-	1	-	-	-	156	4,823	7,959	37,181	576
2116161	197,372	191,704	200,089	68,357	-	-	-	-	-	534	137,034	202,425	997,513	518
1283000	66,603	63,440	62,701	48,742	42,920	35,603	31,238	33,640	35,149	40,854	48,342	65,538	574,769	843
2036180	51,623	52,603	52,158	44,785	35,004	30,388	27,216	28,687	28,232	33,567	40,008	46,155	470,426	1,362
1984579	7,322	6,959	6,316	1,170	-	-	-	-	-	1,766	5,164	6,879	35,575	174
1685272	54,752	52,449	45,178	22,991	3,240	-	-	-	40	4,727	18,451	24,326	226,063	174
1987814	528,462	473,113	494,973	507,231	508,700	482,712	303,117	531,842	490,554	511,970	492,640	406,699	5,732,013	174
1658883	36,859	37,084	19,099	4,233	-	-	-	-	13	3,863	26,278	32,966	160,395	111
2123504	23,123	24,240	25,377	4,978	1	1	1	-	42	5,593	18,449	28,124	129,929	888
2025174	5,432	5,161	5,145	4,111	3,948	3,696	3,617	3,698	3,471	3,853	4,638	5,904	52,674	78
1452606	32,058	28,707	27,434	10,054	-	-	-	-	-	7,225	20,721	30,411	156,609	480
1601879	-	-	-	-	-	-	-	-	-	-	78,140	86,420	164,560	172
1906514	1,024,240	987,960	1,064,060	923,290	908,360	718,850	838,090	828,020	840,730	877,230	928,630	986,220	10,925,680	172
1526402	16,401	16,065	13,826	3,522	-	-	-	-	11	3,169	12,254	16,577	81,824	172
1582088	48,314	45,488	42,507	16,746	3,509	2,912	2,876	3,265	3,481	12,847	33,409	43,779	259,133	42
1533335	26,460	65,620	61,200	31,140	15,249	2,782	-	1,719	13,721	21,027	50,844	45,203	334,965	291
1533336	39,560	680	-	-	-	11,530	13,229	12,950	-	-	-	-	100,426	211
1526428	38,517	32,641	30,666	17,132	11,419	52,980	66,011	70,714	39,432	10,683	25,614	33,016	428,825	260
2026766	15,548	14,309	13,121	7,699	130	-	-	-	-	4,261	12,167	13,287	80,522	272
2027581	12,621	11,896	11,669	3,167	116	-	-	-	-	2,042	8,079	11,472	61,062	354
1553327	37,691	36,676	33,417	18,639	5,651	-	-	-	-	11,940	26,667	33,679	204,360	152
2035887	8,638	11,501	6,566	3,107	589	-	-	-	-	1,046	6,471	7,497	45,415	257
2133091	96,130	91,050	102,680	92,730	92,470	86,360	89,090	87,250	81,880	90,910	90,020	89,190	1,089,760	278
1658884	75,613	73,229	79,607	50,319	22,884	19,963	7,892	16,414	22,631	33,233	59,792	70,572	532,147	240
2064979	31,099	29,669	26,330	14,255	13,125	18,395	19,804	13,361	10,381	11,593	17,451	17,279	222,743	235
1553324	27,503	27,637	24,651	4,767	174	-	-	-	-	3,910	19,951	25,307	133,900	167
1601878	37,810	33,830	37,870	7,936	1,095	113	-	-	106	15,428	29,221	35,174	198,584	429
1724219	22,383	21,821	25,431	23,197	25,024	24,390	21,054	20,432	22,780	17,147	21,241	25,274	270,174	251
1526468	12,282	15,465	11,748	2,019	-	-	-	-	-	2,617	10,563	18,327	73,019	100
1987803	40,078	39,495	33,040	23,840	38,095	68,299	94,865	75,964	53,203	38,137	33,033	37,083	575,134	296
1989421	21,077	18,497	11,690	2,907	-	-	-	-	-	91	8,600	15,217	78,078	400
2024719	7,965	7,434	7,326	2,526	1,657	1,379	1,136	1,078	1,388	1,892	5,630	7,654	47,065	573
1621319	38,736	40,456	39,228	22,951	14,183	8,619	8,309	8,629	9,025	14,738	27,052	38,988	270,915	65
1785666	-	200	13,80											

**Philadelphia Gas Works
January 2013 - December 2013**

53.64(c) 8 9

2036046	3,709	3,315	3,340	861	-	-	1	-	1	931	3,450	3,815	19,423	120	
2027224	3,639	3,646	3,730	892	-	-	-	-	2	-	709	2,606	15,224	201	
2025156	6,940	7,296	6,222	3,075	-	-	-	-	1	917	2,967	5,064	32,482	139	
1526403	44,330	39,890	39,640	24,630	13,620	7,600	3,820	5,540	6,330	14,730	29,370	39,962	269,462	599	
1514011	140,450	127,650	126,530	73,810	33,710	-	-	-	-	-	28,240	78,970	148,928	758,288	254
1954684	70,164	63,335	59,586	21,424	6,829	-	-	-	-	-	18,746	49,007	59,421	348,511	296
2036186	110,620	102,270	95,220	45,220	17,280	-	-	-	-	-	27,030	69,520	90,144	557,304	141
1806080	13,810	13,270	10,240	10,160	5,780	3,680	4,170	4,580	4,190	7,800	12,120	15,145	104,945	120	
2036194	275,801	250,728	294,808	255,581	266,297	246,684	226,262	237,787	151,650	282,878	303,300	293,782	3,085,558	89	
2012851	3,307	3,472	3,377	2,055	744	157	143	223	476	1,321	2,576	3,082	20,933	90	
2012853	4,303	4,343	3,928	2,199	1,265	233	27	140	412	1,504	3,115	3,295	24,764	72	
2012857	3,585	3,692	3,147	1,761	713	207	258	202	406	1,319	2,627	3,300	21,217	72	
2027476	8,147	6,606	6,669	5,682	4,440	2,948	3,841	4,549	4,385	5,182	6,900	8,235	67,584	82	
2025003	4,648	4,414	3,920	2,316	2,083	1,252	1,287	1,520	1,923	2,482	3,515	5,002	34,361	54	
2025082	3,953	3,745	3,407	1,973	1,507	297	14	158	298	1,363	1,895	2,318	20,928	75	
1987801	27,487	27,145	24,299	9,833	5,342	4,123	17,784	18,125	12,297	9,608	19,217	25,529	200,789	75	
2027524	30,143	29,451	26,585	11,621	6,458	5,067	20,027	20,238	13,861	11,034	20,952	27,572	223,009	207	
1611615	8,337	7,152	5,584	2,323	-	-	-	-	8	1,155	5,425	7,598	37,582	189	
1526426	-	-	-	-	-	3,898	3,588	3,834	3,749	8,427	20,847	29,626	73,970	402	
1546085	-	-	-	-	-	4,859	3,802	4,144	3,354	5,457	14,108	24,158	59,883	54	
1546087	-	-	-	-	-	4,699	4,454	5,094	5,351	10,381	31,228	34,026	95,234	269	
1546088	-	-	-	-	-	3,813	3,097	3,460	4,486	10,082	26,860	37,914	89,712	50	
1906648	6,418	5,428	4,887	1,529	3,882	6,441	5,741	6,271	3,242	1,685	3,471	5,011	54,006	50	
1526435	81,373	86,646	89,691	58,073	50,791	40,309	34,588	39,017	44,776	58,193	75,650	75,499	734,605	600	
2116157	41,180	36,890	38,920	23,990	16,100	15,480	14,020	14,380	16,680	20,980	33,280	39,560	311,460	86	
1658874	59,640	54,710	59,367	51,097	45,440	38,647	21,720	30,786	32,387	38,704	37,636	31,399	501,533	402	
1393766	19,650	21,890	19,430	7,480	3,590	2,700	2,300	2,870	3,210	4,710	12,950	16,950	117,730	187	
2026874	3,655	3,699	3,176	1,226	-	706	731	761	814	733	2,974	4,533	23,008	703	
1954683	41,552	39,216	35,274	19,744	16,619	18,608	22,523	22,375	22,069	22,402	32,445	44,023	336,850	200	
1685268	8,589	8,138	5,711	1,772	-	-	-	-	-	828	3,661	8,579	37,278	144	
2027381	2,978	4,408	4,716	2,216	1,454	1,178	1,165	1,175	1,197	1,600	3,507	4,763	30,357	513	
2027430	2,999	4,399	4,743	2,189	1,448	1,188	1,155	1,200	1,176	1,606	3,519	4,733	30,355	232	
2027642	16,448	16,625	12,561	2,507	-	-	-	-	1	1,962	8,661	12,001	70,765	392	
1611637	26,220	24,680	21,250	10,430	7,470	6,030	5,520	5,750	6,330	9,690	18,380	22,850	164,600	346	
2115588	9,980	9,528	8,945	3,570	2,303	2,053	1,945	1,997	1,957	3,653	8,347	10,760	65,037	100	
2115589	8,730	8,357	7,799	3,057	1,907	1,694	1,597	1,680	1,840	3,392	7,546	9,589	57,188	168	
2023812	14,473	13,342	11,989	6,733	3,264	8	8	8	9	2,573	8,022	13,151	73,580	235	
2025095	14,592	13,135	13,409	4,554	213	-	-	-	4	1,098	7,797	11,237	66,039	256	
1402992	41,240	40,288	36,296	14,184	4,364	2,681	2,411	2,576	2,674	10,019	28,484	39,582	224,799	500	
2023952	35,038	33,618	35,117	14,103	6,171	4,780	4,367	4,760	5,094	10,525	22,527	28,779	204,881	140	
1771898	18,481	833	10,294	27,861	28,984	34,676	45,184	34,519	77,443	105,400	36,663	17,360	437,688	648	
1722906	17,998	16,683	16,453	3,870	-	-	-	-	-	4,085	14,454	18,845	92,388	222	
2036145	13,080	13,399	10,592	2,893	1,131	770	990	1,584	1,072	1,895	5,966	10,456	63,828	25	
2027591	4,872	4,384	4,489	2,995	2,210	1,605	1,194	1,703	2,047	3,423	4,354	5,430	38,685	83	
1546140	64,246	60,721	65,035	21,387	7,553	4,366	3,819	4,071	5,334	24,911	56,398	67,054	384,895	600	
1771899	3,700	7,300	-	13,000	13,200	-	-	4,400	2,400	10,900	18,300	15,800	89,000	8	
1685280	33,240	22,640	24,300	12,960	21,440	20,460	28,080	31,260	30,050	35,060	41,250	39,940	340,680	75	
1356070	71,345	67,403	66,070	41,859	35,198	28,136	23,901	28,285	27,596	42,449	63,987	72,556	568,785	215	
2026737	-	-	-	-	-	-	-	-	60	1,676	5,476	9,551	16,764	143	
2027620	12,947	13,721	11,736	4,307	40	-	-	1	-	3,261	9,725	16,351	72,088	424	
1989422	7,075	5,070	3,267	97	-	-	-	-	-	-	3,366	4,276	23,150	73	
2027589	10,934	10,458	11,012	1,814	-	-	-	-	1,078	6,967	9,662	51,925	153	153	
1389592	20,701	18,973	16,075	3,446	-	-	-	-	3,792	12,702	18,462	94,151	235	235	
1393763	15,450	14,799	13,566	3,468	325	-	-	-	123	1,264	11,024	15,240	75,258	215	
1414492	37,390	31,426	21,428	4,980	206	-	-	-	2,937	17,387	23,386	139,139	154	154	
1526470	9,007	8,364	6,493	1,370	-	-	-	-	996	8,518	9,832	44,579	186	186	
1553328	9,320	9,447	6,175	1,414	-	-	-	-	1,691	1,586	6,152	8,232	44,018	27	
1658876	30,214	31,493	24,711	5,161	-	-	-	-	-	641	14,724	23,613	130,557	54	
1906630	-	7,461	6,649	1,579	-	-	-	-	43	4,258	5,507	25,497	43	43	
1987496	12,140	12,767	7,272	2,930	176	-	-	-	96	1,316	7,866	11,322	55,885	50	
1987786	9,206	7,600	6,238	1,933	-	-	-	-	2,173	7,108	9,534	43,793	48	48	
1987809	17,539	16,675	15,369	5,396	-	-	-	-	558	5,356	10,246	17,369	88,508	48	
2024367	6,330	5,152	4,191	1,268	-	-	-	-	449	3,391	4,931	25,713	26	26	
2024389	-	2,915	2,150	496	-	-	-	-	243	1,505	2,301	9,610	90	90	
2024706	6,268	6,070	4,858	1,185	-	-	-	-	579	3,349	5,970	28,280	156	156	
2027464	11,990	11,210	11,016	2,555	1	-	-	134	1,557	7,922	9,515	55,898	424	424	
2027483	10,576	13,588	14,535	7,144	1,168	-	1	58	3,120	7,577	10,225	67,991	95	95	
2027484	6,040	6,178	4,740	1,839	141	-	-	-	3	571	4,173	7,166	30,851	98	
2027490	-	-	-	-	-	-	-	-	-	1,816	6,633	9,618	18,067	844	
2036185	21,707	19,706	17,481	5,957	-	-	-	-	-	1,778	14,351	15,775	96,756	72	
2036189	17,935	16,534	15,948	7,102	228	-	-	-	-	1,193	9,132	15,797	83,869	168	
2036193	-	-	13,600	4,400	-	-	-	-	200	3,700	11,000	16,800	49,700	126	
2036195	29,871	29,758	19,141	6,939	1,548	-	105	-	-	3,674	19,442	27,984	138,461	120	
2064972	26,423	26,719	20,895	5,642	-	-	-	-	-	-	-	-	79,678	163	
2064980	71,623	65,551	52,014	21,646	3,843	-	-	-	-	4,263	43,684	60,350	322,774	223	
2115136	7,371	6,358	5,565	305	-	-	1	-	513	5,363	7,463	32,939	72	72	
2115141	5,849	4,467	3,808	1,227	5	-	-	44	33	849	3,066	4,916	24,264	26	
2115842	7,609	5,886	4,564	1,586	109	-	-	1	9	777	3,731	7,335	31,607	748	
2116149	6,570	7,108	5,369	1,110	-	-	-	32	618	4,415	6,407	31,628	341	341	
1987810	10,088	9,073	6,867	1,836	-	-	-	-	251	4,150	7,065	39,329	2,087	2,087	
1393767	25,820	21,290	22,270	19,690	7,760	-	-	-	-	5,370	21,190	22,720	146,110	576	
1546148	31,160	33,035	35,443	15,109	136	-	-	-	-	9,247	19,130	18,290	161,551	844	
1553325	38,830	47,850	54,580	18,510	-	-	-	-	160	3,180	21,570	38,780	223,460	397	
1668875	21,527	18,335	20,914	1,749	-	-	-	-	-	6,112	19,789	17,540	105,966	2,365	
1724856	35,600	34,100	31,200	3,300	100	-	-	-	-	6,300	24,800	31,500	166,900		

Philadelphia Gas Works
January 2013 - December 2013

53.64(c) 8 9

2024694	9,993	8,900	6,623	2,101	218	-	-	-	21	767	6,584	10,952	46,159	377	
2027618	-	-	-	-	-	-	-	-	-	-	-	657	657	229	
1722873	18,834	17,901	16,060	7,320	3,759	2,028	1,843	1,944	2,270	5,435	13,128	16,727	107,247	1,400	
1722888	23,332	22,140	20,099	11,049	7,830	6,137	5,403	5,615	6,105	8,938	16,531	21,234	154,411	1,269	
2024285	6,899	6,488	6,066	3,012	1,461	569	464	517	639	2,066	4,762	6,447	39,390	4,740	
2024290	7,906	7,738	7,430	3,341	1,188	633	554	730	1,049	2,682	5,624	7,302	46,177	64	
2024299	8,116	7,839	7,093	3,061	1,385	528	467	518	611	2,205	5,450	7,479	44,752	64	
2024675	8,368	7,598	7,430	7,781	2,608	512	438	453	857	3,914	9,150	10,678	59,786	64	
2027527	14,548	14,075	13,108	6,885	3,134	1,521	1,379	1,531	2,000	4,731	10,419	13,621	86,953	64	
2123460	8,806	9,173	7,583	1,125	-	-	-	-	16	-	5,453	5,530	8,709	41,587	89
1884576	31,720	33,065	28,847	10,114	3,354	32	-	-	2,019	5,543	18,861	29,188	162,742	89	
1611635	74,475	70,667	62,966	26,761	8,153	5,448	5,008	5,799	5,992	19,769	51,664	69,557	406,257	3,300	
1685276	15,932	13,673	11,029	3,485	-	-	-	-	-	867	8,445	11,394	64,825	437	
1658882	35,075	31,388	24,470	5,432	-	-	-	-	-	-	20,080	26,052	142,496	31	
1521897	15,248	14,575	13,589	4,633	1,659	1,371	1,428	1,262	1,189	4,277	9,840	13,807	82,879	202	
1723900	35,932	33,702	32,358	28,095	30,138	27,129	26,545	29,580	24,927	20,076	26,759	35,808	351,049	453	
1701739	42,293	38,555	40,798	32,681	28,302	22,855	22,642	22,108	25,418	29,797	37,273	41,545	384,266	83	
2115901	620	563	486	192	45	-	-	-	-	-	404	534	2,844	925	
1987633	2,984	-	5,281	297	-	-	-	3	2	54	1,692	2,815	13,128	1,252	
1987683	1,620	1,559	1,498	251	-	-	-	6	-	119	1,056	1,466	7,575	302	
2035694	1,318	1,299	1,076	324	38	-	-	1	-	28	677	1,095	5,856	60	
2115434	841	786	690	217	-	-	-	2	-	104	508	727	3,875	541	
2023825	5,771	5,575	4,996	1,723	164	-	-	-	-	364	3,331	5,611	27,535	541	
2027536	6,136	5,637	5,130	797	-	-	-	-	-	-	3,971	5,420	27,091	416	
2027563	7,305	6,953	5,795	984	-	-	-	-	-	-	5,352	6,666	33,055	388	
1722889	7,203	9,470	7,588	3,442	275	-	-	-	-	1,967	7,027	9,188	46,160	373	
1526423	15,330	14,880	13,810	7,900	4,550	2,710	1,960	2,130	2,410	5,390	10,960	13,920	95,950	59	
2026870	9,246	8,729	6,966	2,764	-	-	35	-	19	1,448	5,558	7,689	42,454	1,851	
1806079	21,478	20,447	17,541	7,873	3,133	2,544	1,634	1,486	3,977	7,940	16,014	21,210	125,277	107	
2027641	16,447	14,793	13,664	2,452	-	-	-	-	-	2,625	9,972	13,395	73,348	368	
2024992	1,988	1,994	1,615	489	57	-	-	-	-	243	1,124	1,592	9,102	1,851	
2025099	3,260	3,031	3,476	624	60	-	-	-	-	253	2,151	3,638	16,493	54	
1986388	5,064	4,519	4,117	869	-	-	-	-	-	494	3,061	4,542	22,666	38	
1526404	17,390	16,600	16,010	9,390	6,090	2,970	3,200	2,730	2,730	5,610	12,000	15,200	109,920	523	
1909334	5,940	5,133	4,795	2,479	1,724	1,505	1,279	1,344	1,391	2,073	3,556	4,566	35,785	98	
2027383	7,466	7,555	6,818	1,012	2	-	-	-	-	258	4,186	7,095	34,392	645	
1701736	-	1,168,000	1,904,800	99,100	73,200	247,800	-	-	99,200	62,600	170,800	555,400	4,380,900	60	
1701737	-	1,250,700	1,977,600	102,100	75,400	254,300	-	-	101,600	63,900	174,000	566,900	4,566,500	432	
1440487	2,620	2,230	1,620	440	-	-	-	-	30	210	1,020	2,030	10,200	424	
1611015	-	-	-	16,200	23,200	30,800	38,300	33,500	10,600	8,100	6,800	3,100	170,600	547	
1403018	12,231	11,289	8,727	1,979	319	-	-	-	-	981	8,318	11,498	55,342	1,225	
1658885	3,400	3,200	2,600	7,000	900	-	53,400	100	16,300	1,200	-	200	88,300	55	
1658886	1,200	1,300	1,000	2,800	-	-	-	-	-	-	-	-	6,300	1,322	
1786008	368,000	353,200	333,300	225,000	180,300	147,600	139,500	150,000	160,400	194,100	292,200	351,600	2,895,200	5,500	
1786009	338,600	325,100	307,100	207,800	166,400	136,600	129,100	138,800	148,400	179,500	269,000	323,300	2,669,700	5,500	
1884569	49,800	46,400	38,500	29,600	24,100	20,900	20,300	20,500	21,700	26,700	40,400	56,900	395,800	1,222	
2064981	-	-	-	63,400	313,500	244,000	226,700	253,400	292,500	367,600	580,400	712,900	3,054,400	11,586	
2064982	724,300	699,000	663,900	358,500	-	-	-	-	-	-	-	-	2,445,700	5,500	
2026701	9,994	11,274	10,075	11,360	8,726	8,468	-	7,455	-	-	-	-	67,351	141	
2023953	75,192	74,283	70,330	51,909	-	-	21,788	24,788	29,229	37,795	56,187	66,513	508,013	576	
2027529	54,384	50,824	46,802	22,282	7,814	6,642	5,537	6,296	6,995	16,691	38,499	52,358	315,124	706	
2035886	7,246	8,844	6,619	5,191	4,295	3,726	3,132	5,183	6,006	6,006	6,356	6,356	66,125	95	
1526433	59,939	56,979	57,136	39,490	37,437	29,736	27,541	30,421	30,921	36,895	49,145	58,615	514,254	1,043	
2116160	32,400	30,800	29,700	10,000	1,500	-	-	-	-	4,700	19,800	30,597	159,497	547	
1526427	11,870	12,380	10,190	1,810	1,230	4,210	7,330	4,980	3,070	3,990	7,560	10,980	79,600	144	
1546146	24,331	21,740	21,152	8,873	5,881	4,833	4,547	5,363	5,294	7,613	16,614	20,686	146,926	313	
1526425	20,287	19,475	17,837	8,215	1,786	1,454	1,378	1,777	2,346	5,492	14,983	19,123	114,151	360	
1582089	54,087	52,003	46,751	21,047	6,416	5,583	5,082	5,964	7,423	18,721	38,316	50,423	311,815	479	
2024714	9,650	9,788	9,073	1,942	255	-	-	-	-	1,490	6,577	8,075	46,850	167	
2064820	3,561	3,644	4,091	977	-	-	-	-	-	458	1,895	3,331	17,957	99	
1526476	63,737	58,497	54,617	35,566	19,493	19,761	19,396	16,331	22,296	26,162	44,888	66,371	447,114	43	
2027583	673	14,314	2,887	19,270	24,181	13,750	5,292	5,330	8,084	4,141	3,836	3,306	105,062	202	
2036187	43,049	39,973	37,480	18,723	7,084	-	14	14	2,144	12,080	33,624	45,360	239,544	576	
1909300	263,160	353,830	71,780	945,020	28,860	36,500	41,980	33,760	81,270	208,760	104,000	865,520	3,034,440		
2116162	-	-	-	-	-	-	80,800	88,900	93,200	109,700	140,600	164,500	677,700	2,549	
2027494	22,498	20,708	20,942	3,539	-	1	-	3	-	6,331	16,973	22,330	113,326	100	
2123463	-	-	-	-	-	-	-	-	-	-	2,181	3,462	5,643	80	
2123484	-	-	-	-	-	-	-	-	-	-	1,931	3,093	5,024	119	
2123467	-	-	-	-	-	-	-	-	-	-	3,613	6,249	9,862	80	
2115593	17,960	16,239	14,566	11,944	7,829	7,569	6,592	8,606	7,482	8,898	13,312	15,204	136,200	388	
1575425	11,800	9,990	8,900	1,830	-	-	-	-	-	20	5,850	10,280	48,670	383	
1724210	12,939	5,276	6,914	7,386	4,290	2,287	1,155	1,641	3,480	5,402	6,640	7,021	64,431	449	
2025146	11,851	8,696	8,259	2,682	-	-	-	-	4	1,728	7,719	8,773	49,712	140	
2025172	10,520	7,819	7,384	2,399	-	-	-	-	3	1,517	6,875	7,703	44,219	175	
1526478	-	-	-	-	-	-	-	-	-	2,918	21,338	28,597	52,853	135	
2027160	6,640	6,786	5,963	1,094	-	-	-	-	-	1,665	7,650	9,356	39,154	164	
2024698	6,531	6,346	5,363	1,832	-	-	2	-	14	713	4,038	6,090	30,929	272	
1601880	15,100	15,010	13,840	7,610	970	-	-	-	-	2,260	8,780	13,620	77,190	272	

Tab 8

Philadelphia Gas Works

Pennsylvania Public Utility Commission
52 Pa. Code §53.61, et seq.

Item 53.64(c) Thirty days prior to the filing of a tariff reflecting an increase or decrease in natural gas costs, each Section 1307(f) gas utility seeking recovery of purchased gas costs under that section shall provide notice to the public, under § 53.68 (relating to notice requirements), and shall file the following supporting information with the Commission, with a copy to the Consumer Advocate, Small Business Advocate and to intervenors upon request:

- (9) A schedule depicting historic monthly end-user transportation through-put by customer. Each customer or account shall be identified solely by a unique alphanumeric code, the key to which may be provided subject to § 5.423 (relating to orders to limit availability of proprietary information).

Response:

Please see the attached schedule depicting the monthly end-user transportation through-put by customer.

**Philadelphia Gas Works
January 2013 - December 2013**

53.64(c) 8 9

METER #	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL CCF	Max Daily Qty (Dth)	
1457534	90,131	87,591	77,164	22,683	-	-	-	-	96	19,685	61,548	85,099	443,999	267	
2026784	9,532	9,171	8,356	3,934	1,797	1,111	971	1,022	1,254	2,171	5,432	7,269	52,021	420	
2024683	26,340	24,942	24,459	12,377	5,566	2,271	1,587	1,798	1,923	9,137	19,639	24,868	154,907	360	
1533333	15,360	14,380	13,400	2,410	-	-	-	-	-	2,090	10,560	14,970	73,170	706	
1611639	9,174	9,195	7,412	1,687	-	-	-	-	-	1,100	5,767	9,067	43,404	1,465	
1519033	26,481	21,969	19,467	7,740	238	-	-	-	-	8,255	18,799	24,838	127,788	994	
1305000	192,342	181,926	176,971	143,569	133,287	129,012	113,172	93,920	95,728	113,865	149,355	174,481	1,697,429	400	
1571005	15,654	15,170	12,508	2,567	-	-	-	-	-	1,778	8,974	13,960	70,610	1,032	
1571006	11,835	11,277	9,100	1,199	-	-	-	-	-	736	5,249	8,711	48,108	348	
1724230	-	8,710	8,305	6,503	1,007	10	4	4	5	5	533	3,629	28,715	1,222	
2027533	15,614	15,040	13,985	4,407	-	1	-	-	-	3,318	11,454	14,315	78,135	58	
1987805	12,163	10,655	9,800	3,309	631	310	313	317	295	1,875	7,583	10,654	57,904	340	
1724005	25,742	23,195	26,612	28,775	29,920	26,078	26,866	26,629	26,144	27,857	26,377	28,046	322,239	452	
2027459	24,802	21,454	22,720	22,149	22,070	20,948	22,079	22,463	23,009	23,025	26,171	28,378	279,267	417	
2035554	4,313	4,252	3,910	1,887	838	675	571	604	656	1,309	2,883	3,840	25,738	240	
1526431	10,330	1,980	4,230	3,490	-	-	-	-	-	3,180	12,950	20,380	56,540	351	
1553337	28,610	28,410	26,420	7,170	360	-	-	10	170	3,580	17,070	22,940	134,740	720	
2064975	17,580	16,240	16,880	17,690	17,400	14,690	15,080	14,410	14,310	17,030	16,030	18,650	195,990	200	
1724226	71,630	64,049	68,231	61,669	57,574	53,390	56,063	54,501	29,929	74,789	74,490	68,630	734,945	200	
2027375	-	-	-	-	-	-	-	-	3,960	7,022	14,341	19,126	44,449	180	
2035210	2,502	2,765	2,800	866	-	-	-	-	-	456	1,984	2,716	14,089	403	
2035366	2,286	2,049	2,151	478	-	-	-	-	-	213	1,690	2,565	11,432	311	
1724006	22,566	21,866	19,541	10,167	5,948	3,488	3,283	3,529	3,591	7,038	15,342	20,590	136,950	496	
1989426	30,295	28,462	28,336	13,058	2,872	2,580	2,326	2,514	2,704	7,939	20,868	26,520	168,474	383	
2024644	8,253	9,121	9,860	2,471	1,336	1,155	1,079	1,109	1,035	2,243	5,589	6,338	49,589	340	
1389590	53,840	47,410	47,200	32,820	25,980	20,750	17,340	14,160	18,360	29,080	39,550	49,480	395,970	200	
1723873	4,715	4,803	4,066	1,120	181	114	64	-	77	529	2,854	3,863	22,386	958	
1526465	11,853	19,815	18,502	9,182	5,133	2,369	2,168	2,163	2,155	5,808	15,396	19,887	114,429	407	
2064976	19,970	18,810	17,660	4,360	-	-	-	-	-	4,470	16,110	22,962	104,342	172	
1989652	18,197	18,391	15,134	8,939	7,444	6,239	3,924	4,278	4,509	6,943	11,500	16,903	122,401	226	
2035356	2,756	2,682	2,404	930	-	-	-	-	-	135	1,111	2,082	12,100	31	
1526426	26,091	24,479	24,095	-	-	-	-	-	-	-	-	-	74,665	784	
1546085	25,749	25,579	58,931	-	-	-	-	-	-	-	-	-	110,259	782	
1546087	28,291	27,341	29,304	-	-	-	-	-	-	-	-	-	84,936	2,191	
1546088	27,095	33,920	26,975	-	-	-	-	-	-	-	-	-	87,990	314	
2024712	14,750	15,141	12,019	1,425	-	1	11	-	-	-	555	8,216	12,728	64,846	120
2023951	26,143	23,127	17,379	-	-	-	-	-	-	-	16,266	25,777	108,692	1,833	
1553331	56,882	54,778	50,976	15,935	3,097	1,634	1,485	1,613	2,307	11,267	37,070	49,769	286,811	300	
2070242	2,231	2,166	1,903	769	-	-	-	-	-	1,389	2,351	3,051	13,860	302	
2070249	4,545	4,352	4,194	2,486	4	-	-	-	-	554	2,052	2,899	21,086	336	
2070260	3,972	3,730	3,595	1,944	3	-	-	-	-	1,163	2,839	3,626	20,872	958	
2070271	3,597	3,482	3,228	1,731	14	-	-	-	-	865	2,391	3,287	18,595	419	
2025139	11,522	11,411	12,120	3,749	-	-	-	-	8	3,125	8,823	10,773	61,531	408	
1987495	13,750	14,280	14,340	14,370	13,200	11,060	7,250	10,470	10,010	11,250	8,810	7,820	136,610	216	
1884506	11,166	9,266	7,185	1,392	-	-	-	-	39	1,338	6,123	9,791	46,301	266	
1756663	67,082	70,674	61,085	8,184	14	-	-	-	-	8,252	43,797	65,164	324,252	223	
1658879	12,710	12,160	11,160	6,240	2,790	1,730	1,530	1,710	1,640	4,630	8,900	11,580	76,780	360	
1601879	87,428	83,615	91,037	72,411	42,134	47,251	82,148	88,879	74,921	76,771	-	-	746,593	782	
1724853	49,378	41,550	31,551	9,962	221	-	-	112	-	3,470	29,338	37,292	202,873	144	
2024307	12,846	12,372	11,029	3,938	525	-	-	-	-	1,826	8,743	12,052	63,131	360	
1921578	6,293	6,135	6,149	1,936	1,417	1,234	1,091	1,287	2,429	2,767	4,239	5,503	40,480	81	
2027635	3,839	3,437	3,160	2,454	2,344	2,011	1,970	1,348	1,627	2,291	2,646	3,799	30,926	500	
2026838	13,610	13,275	13,790	3,794	-	-	-	-	-	2,396	8,553	15,061	70,480	946	
1526406	70,721	63,721	66,380	59,921	47,999	35,532	31,297	32,553	35,988	45,614	53,254	57,132	600,152	2,847	
2012886	5,701	5,417	5,126	2,099	442	26	-	-	144	1,374	3,778	4,527	28,634	75	
1594769	-	-	-	-	-	-	-	-	-	-	-	-	-	24	
1621317	329,531	312,259	308,177	231,855	203,046	211,400	158,339	173,470	197,407	162,693	329,056	357,505	2,974,737	92	
2090400	114,128	101,626	96,969	85,021	141,042	149,576	203,190	112,272	91,578	76,596	96,563	101,159	1,369,718	419	
1987777	8,701	7,914	8,308	8,434	7,740	6,731	7,136	7,123	6,955	8,657	8,344	9,923	95,966	43	
1987797	14,026	12,901	11,762	9,344	8,081	7,122	7,250	7,081	7,017	9,106	10,377	12,225	116,294	302	
1884577	44,656	45,788	43,609	17,807	5,924	-	-	-	-	5,237	26,018	34,290	223,330	624	
1377228	15,170	14,000	16,800	8,470	1,970	-	-	-	-	1,720	10,270	16,151	84,351	622	
1685273	26,151	25,374	22,455	10,484	3,080	2,183	1,915	2,049	2,075	5,222	15,452	23,718	140,158	782	
2027531	26,514	27,969	25,017	7,805	887	-	-	-	203	4,496	22,702	33,584	149,177	3,128	
2115837	-	-	-	-	9,682	6,852	5,999	6,585	8,891	12,177	17,993	21,888	90,057	782	
1906625	10,745	9,393	10,065	8,321	7,581	7,440	7,612	7,731	7,266	8,830	9,076	10,957	105,014	30	
1724008	54,341	51,674	42,960	26,283	23,395	20,687	20,491	21,057	20,933	26,923	36,603	37,657	383,005	522	
2027477	5,612	5,245	5,697	5,749	5,473	3,604	3,780	3,879	4,134	4,581	3,982	3,525	55,261	162	
2036147	5,994	5,057	4,756	1,505	-	3	-	-	-	652	3,354	5,155	26,476	312	
2024704	10,916	11,157	8,181	3,113	2,439	-	-	-	1,298	3,871	7,329	9,738	58,042	313	
1519035	67,139	59,823	59,214	18,183	7,970	7,908	7,561	8,831	8,531	22,688	45,616	58,666	372,128	852	
2024705	16,739	15,659	14,837	8,368	5,907	4,693	4,544	5,027	4,807	6,203	11,411	15,173	113,368	522	
1806076	59,600	54,800	48,400	23,900	15,400	13,500	13,400	14,800	13,500	21,400	44,300	62,708	385,708	374	
2035943	4,276	3,900	3,950	2,462	2,019	2,111	2,198	2,355	2,151	2,308	3,317	4,366	35,413	240	
1921575	18,440	13,837	10,135	3,004	350	1	-	-	6	1,842	10,031	14,087	71,733	281	
2024648	24,108	20,431	19,949	16,881	16,066	15,322	14,290	13,974	14,995	16,893	18,420	22,182	213,510	490	
2027406	26,103	23,885	23,036	16,661	15,724	16,090	14,727	14,612	16,214	20,794	23,784	27,634	241,266	209	
2027544	23,656	21,628	20,717	16,685	13,923	14,256	12,943	14,559	18,768	21,425	25,073	25,073	216,467	64	
2115543	5,075	4,656	4,053	1,277	-	-	-	-	10	1,054	3,336	4,516	23,977	64	
1320010	49,150	40,890	39,680	39,470	38,630	40,010	36,210	37,420	35,090	30,690	29,170	40,100	456,510	383	
2026758	14,516	11,879	13,148	5,859	142	92	-	-	1	520	7,208	12,793	66,158	6	
1806092	36,496	33,068	35,243	37,404	41,933	34,744	34,122	32,820	35,322	32,602	30,424	36,606	420,784	384	
2094623	76,51														

Philadelphia Gas Works
January 2013 - December 2013

53.64(c) 8 9

1383481	50,459	47,745	43,837	23,206	12,364	10,256	8,080	9,169	10,125	16,806	35,383	47,729	315,159	295
1724001	16,395	15,311	18,574	1,652	10	-	-	-	60	1,580	11,720	14,770	80,073	173
1658881	26,958	24,902	23,347	9,189	-	-	-	-	-	6,962	20,540	24,644	136,541	403
1998925	6,415	5,878	5,980	691	-	-	-	-	17	-	4,052	5,989	29,001	454
2035891	7,935	7,540	8,205	5,701	3,961	2,546	2,615	2,541	2,770	4,122	6,656	7,492	62,083	591
2036188	23,996	22,523	19,172	11,433	13,047	14,092	15,943	15,307	10,841	12,050	17,824	25,257	201,286	1,300
1921579	8,192	6,398	2,027	3,725	2,882	1,407	955	1,249	2,159	3,815	5,239	6,513	44,562	843
1909351	7,301	7,259	6,335	2,589	399	-	-	-	-	1,621	5,030	6,874	37,408	504
2115597	7,257	10,507	8,741	3,614	-	-	-	-	-	2,278	7,859	9,955	50,211	172
2024715	30,610	30,887	28,651	4,352	-	-	-	-	-	3,321	16,390	22,992	137,203	503
2035967	3,907	3,773	4,292	4,329	4,609	4,249	3,899	3,801	3,760	4,406	4,083	4,462	49,568	685
2024851	19,062	17,213	15,729	7,076	1,754	142	-	-	-	3,220	13,352	16,514	94,062	244
2027375	22,090	21,051	20,449	12,966	5,539	3,842	3,384	-	3,849	-	-	-	93,170	733
2025158	22,715	19,923	15,096	4,102	-	1	-	-	316	1,882	11,357	20,612	96,005	626
1358069	73,639	69,070	67,635	45,364	35,715	30,766	27,066	29,255	24,942	38,222	56,830	70,479	568,984	556
1724011	10,927	10,292	5,544	1,070	-	-	-	-	21	1,060	6,852	9,382	45,149	907
2023840	5,372	5,219	5,050	3,244	1,925	762	801	842	875	2,301	4,355	5,542	36,288	934
1658873	11,295	10,112	7,999	3,045	155	-	-	11	-	1,620	9,627	14,219	58,083	1,400
2036167	18,525	17,923	16,009	5,711	1,030	-	-	36	-	3,901	12,832	16,123	92,089	4,372
1806077	64,000	63,600	63,600	19,900	3,200	2,900	2,300	2,700	3,200	19,400	53,700	68,533	367,033	277
2025150	6,410	7,038	5,787	1,168	140	-	-	-	1	1,245	4,795	6,704	33,288	178
1393689	55,453	47,921	48,361	23,470	8,122	7,941	4,761	6,254	6,293	20,747	36,706	43,114	309,143	859
1989428	55,048	53,784	52,736	32,917	19,873	11,251	7,917	7,713	9,708	26,922	47,990	61,843	387,702	302
2035975	8,807	13,462	13,221	11,623	11,260	9,975	9,414	9,748	10,064	12,009	10,361	12,605	132,548	554
1826616	6,698	7,085	6,235	2,895	764	-	-	-	-	1,589	4,808	6,912	36,986	703
2115553	19,312	17,825	18,515	15,632	18,166	15,703	15,422	16,613	16,030	16,852	16,461	19,225	205,756	605
2027599	-	-	-	-	-	-	-	-	-	-	-	-	7,087	123
1723898	37,057	32,153	22,060	6,014	-	-	-	-	-	628	28,344	38,970	165,226	424
1393761	28,845	31,506	31,581	23,726	20,620	17,438	17,096	16,969	16,793	19,581	24,371	27,864	276,369	204
2064973	49,523	-	99,241	41,867	36,091	27,357	24,943	28,435	25,795	34,608	42,248	50,122	460,230	424
2115843	18,453	18,873	12,345	469	-	-	-	-	-	-	7,264	17,660	75,064	163
1526471	57,180	58,410	54,870	33,350	18,170	18,060	15,320	14,300	15,114	21,526	44,938	56,322	407,560	324
1987785	7,024	7,089	6,996	3,540	1,715	1,132	988	1,060	1,080	2,956	12,124	15,528	61,232	120
1884513	7,290	6,994	6,553	3,857	3,323	2,735	2,488	2,783	2,802	3,295	5,155	6,870	54,145	241
1884573	30,092	29,242	23,102	9,126	-	-	-	-	106	5,256	20,524	27,998	145,446	698
1611640	-	8,700	7,350	1,300	-	-	-	-	-	560	6,410	9,780	34,100	240
2116154	14,278	12,827	12,492	12,940	8,539	11,127	7,297	8,990	9,089	9,484	8,871	11,892	127,827	141
1921703	29,680	28,460	26,700	8,910	4,390	-	-	-	80	8,360	22,390	32,840	161,810	400
2024703	16,167	15,806	14,702	4,836	1,107	-	-	-	-	2,100	11,236	14,748	80,702	389
1374187	38,643	37,872	26,943	8,298	-	-	-	-	-	2,310	20,155	30,337	164,559	565
1724240	10,603	8,751	5,043	1,716	-	-	-	-	-	196	1,219	6,342	43,545	703
1514012	15,188	12,393	9,591	4,005	856	-	-	-	74	1,995	10,158	10,500	64,761	264
1526424	8,150	7,680	4,970	2,290	100	-	-	-	-	1,260	4,150	6,270	34,870	418
2023947	-	-	-	-	-	-	-	-	-	6,586	8,499	10,340	25,405	418
2035364	-	-	2,979	535	6	-	-	-	-	350	1,170	1,533	6,573	495
1987808	52	83	-	-	21	62	5,797	7,728	10,496	1,262	11	11	25,522	469
1526437	95,186	87,272	78,144	33,615	17,240	12,569	2,532	-	214	29,083	68,130	91,323	515,307	449
1724003	26,190	24,330	22,470	13,280	7,190	3,770	3,420	-	-	13,980	19,230	24,990	158,830	305
1621318	25,464	23,950	19,261	3,237	-	-	-	-	21	2,239	15,934	21,464	111,570	550
1909301	12,085,820	11,271,410	12,050,730	7,174,120	8,504,260	6,883,480	5,905,930	7,421,480	7,079,720	6,995,390	9,820,280	10,441,850	105,634,470	2,991
2023196	482	496	494	120	580	-	421	-	-	-	-	-	2,991	203
2027600	11,040	10,338	9,832	6,069	2,497	1,467	1,228	1,350	2,334	4,568	7,892	9,450	68,066	180
2027485	38,040	35,430	32,250	11,883	5,615	3,872	3,793	4,084	4,672	11,203	28,722	33,592	213,156	1,461
2023712	-	-	7,294	911	132	-	-	-	-	696	2,720	3,612	15,365	1,461
2025166	4,680	4,514	3,343	705	-	-	-	-	1	400	3,172	4,574	21,388	192
1987812	10,240	10,640	9,270	2,640	-	-	-	-	-	1,420	7,780	11,200	53,170	1,046
1526421	14,107	13,778	11,599	5,209	1,088	-	-	-	11	1,296	8,510	12,219	67,818	927
2012861	4,870	5,179	4,887	3,348	2,090	1,293	1,030	1,219	1,527	2,441	4,240	4,806	36,931	1,380
2115067	3,281	3,208	3,221	842	-	-	-	-	-	282	1,882	2,757	15,473	316
1826506	6,539	6,693	5,579	4,152	3,604	3,127	3,566	3,323	3,879	4,269	5,146	5,720	55,597	302
1383344	27,280	27,150	25,230	14,760	10,270	7,140	3,820	4,450	8,880	13,670	18,780	30,210	191,640	750
1533338	-	-	-	-	-	-	-	-	-	550	2,880	4,130	7,560	5,500
2116016	-	-	-	-	-	-	-	-	-	954	2,348	3,237	6,539	5,500
2027423	5,020	4,589	4,381	1,920	219	-	-	-	-	1,005	4,049	5,653	26,837	1,709
1723876	12,429	11,583	10,653	2,660	-	-	-	-	-	2,464	7,954	11,972	59,715	151
1546143	14,073	13,287	11,664	5,191	3,578	2,089	-	-	-	2,957	9,337	13,287	75,461	605
2025049	7,486	4,266	3,767	2,357	2,378	2,235	2,242	2,422	2,900	2,882	3,360	4,358	40,653	277
1546132	77,523	70,415	80,479	32,388	90,051	74,214	77,417	74,524	89,460	86,850	96,325	89,673	939,317	63
1582085	2,065,600	1,981,100	2,406,500	1,609,900	2,218,100	2,007,900	2,040,300	1,886,900	2,133,625	2,129,621	2,266,693	2,413,875	25,160,113	130
1582086	-	-	-	2,200	-	-	-	-	-	-	-	-	2,200	31
1884510	27,897	26,117	24,028	12,325	5,334	4,787	3,855	4,359	5,153	7,534	18,073	24,408	163,872	34
1826674	11,527	10,550	12,129	8,386	7,785	7,181	6,792	7,218	6,192	7,171	9,329	9,624	103,884	114
2023831	3,583	3,383	3,833	3,359	2,870	2,489	2,199	1,456	3,150	3,234	3,300	3,300	35,545	89
2025178	13,017	12,122	11,026	6,087	3,371	2,292	1,512	1,702	1,713	7,171	11,231	14,592	85,836	149
1582087	19,036	19,842	17,961	3,081	-	-	-	-	-	3,526	15,345	17,878	96,669	676
1685278	32,418	30,406	27,906	9,876	2,910	2,142	2,010	2,602	2,777	8,878	29,559	39,341	190,825	133
1658878	44,747	41,646	32,546	5,453	-	-	-	23	-	4,805	26,185	36,670	192,075	1,222
1906650	239,673	227,836	233,824	222,306	161,910	149,387	139,782	143,701	104,243	173,474	163,156	169,404	2,128,696	644
2115595	-	11,972	21,786	18,091	3	2,129	6,444	9,743	6,843	3,952	1,544	10,177	92,685	301
1305002	16,217	6,053	5,588	10	-	-	-	-	-	-	1,737	4,636	34,241	720
1305003	41,660	39,089	36,721	8,524	515	-	11	-	10	95	16,937	37,542	181,105	202
2027215	4,437	4,165	3,829	1,350	-	-	-	-	-	723	3,268	-	17,772	75
1408184	13,812	10,041	9,719	2,419	-	-	-	-	53	1,756	9,954	13,710	61,464	144
1724851	75,600	65,300	68,000	56,800	49,200	38,100	37,500	40,600	39,500	39,300	45,800	77		

**Philadelphia Gas Works
January 2013 - December 2013**

53.64(c) 8 9

2070391	2,338	2,162	2,132	1,280	455	366	287	319	354	727	1,692	2,144	14,256	130		
2024604	5,143	4,004	4,056	5,746	6,894	7,091	7,072	9,617	6,991	6,408	5,032	5,428	73,483	110		
1906623	9,545	8,007	8,899	4,963	1,273	1,058	983	1,126	1,193	3,481	6,302	7,484	54,294	89		
1548144	5,696	5,318	3,766	1,213	134	-	-	-	-	640	3,457	5,264	25,489	285		
2115841	38,937	37,924	46,995	39,509	43,228	39,495	37,325	34,978	30,454	36,519	39,270	34,232	458,866	183		
2115844	49,285	47,406	57,619	47,919	52,337	47,108	44,827	42,395	38,417	44,849	48,599	43,457	564,218	240		
1611638	18,102	15,825	15,259	4,862	640	-	-	-	-	-	-	-	54,689	831		
1758662	98,094	65,357	75,107	58,838	64,787	61,266	82,509	55,322	75,208	81,297	62,470	55,559	835,815	84		
1921701	78,674	66,671	66,372	38,358	30,173	24,791	25,168	30,555	31,995	41,483	56,191	62,013	552,444	354		
1723998	59,141	56,752	55,032	36,163	22,842	16,336	15,407	15,902	16,124	27,312	46,450	55,687	423,148	907		
2027564	4,742	4,625	3,599	1,686	338	-	47	298	932	1,866	4,313	4,742	27,188	728		
2027625	4,137	4,510	3,622	1,590	494	250	230	389	938	1,586	3,334	4,379	25,459	1,565		
1519038	71,707	70,513	65,725	36,286	29,620	22,278	4,357	16,719	18,300	25,738	42,886	54,264	458,393	58		
2024645	8,534	9,071	7,796	3,879	1,643	1,284	1,232	1,246	1,621	3,249	7,671	7,917	55,142	313		
2025149	6,468	7,038	4,828	3,871	2,131	1,224	974	1,268	2,351	2,798	3,502	4,585	41,038	14		
2027560	7,166	6,958	5,741	2,673	1,151	480	337	852	1,282	2,281	4,630	4,945	38,497	432		
2116156	17,364	18,049	15,635	7,668	3,011	2,325	1,572	1,689	2,333	4,223	13,105	15,326	102,300	76		
1906628	9,951	9,439	8,056	2,610	40	-	-	-	-	-	-	-	30,095	76		
2036151	8,474	8,755	8,241	3,693	584	-	-	-	-	2,039	5,987	8,226	45,999	202		
2064880	4,913	5,067	5,300	4,401	3,785	3,465	3,193	3,422	3,276	3,295	4,477	4,881	49,478	115		
2023958	23,433	19,779	18,252	7,760	829	-	-	-	-	5,499	20,549	31,265	127,366	397		
2024684	9,015	8,406	5,568	1,521	-	-	-	-	2	975	6,252	8,861	40,599	281		
2116148	9,750	9,430	11,730	4,890	2,150	1,440	1,130	1,220	1,370	3,640	7,950	10,000	64,700	500		
2064974	27,189	24,738	17,287	2,469	20	-	-	-	-	2,842	16,315	23,883	114,744	456		
1397885	9,703	8,033	5,390	1,573	-	-	-	-	-	-	955	6,152	8,979	40,785	237	
1420497	101,261	88,723	82,320	71,272	62,698	63,299	65,837	74,260	73,282	87,499	77,875	96,583	944,909	2,847		
2012880	9,760	9,502	8,842	4,652	2,480	1,072	813	898	1,079	3,122	6,906	7,855	56,981	396		
1724854	80,826	78,954	66,854	72,753	43,662	37,231	32,570	35,302	35,227	43,477	81,440	95,545	703,843	240		
1426742	27,584	22,857	23,451	15,506	8,631	1,769	25	64	5,329	8,208	16,388	24,883	154,694	272		
1356078	39,253	35,064	26,331	4,881	-	-	-	-	-	3,675	12,735	20,094	142,033	3,432		
2116158	57,790	50,240	47,730	18,820	50	-	-	-	-	10	3,370	15,040	21,130	214,180	2,169	
2116159	-	-	5,530	-	-	-	-	-	-	-	-	-	15,940	31,620	53,090	170
2133065	7,776	8,000	6,231	1,356	1	28	1	-	-	-	881	3,348	4,967	32,589	269	
1397886	8,638	9,133	5,721	1,101	-	-	-	-	21	901	5,872	7,303	38,690	320		
1378232	8,223	9,175	6,459	1,983	134	-	-	-	-	1,133	5,887	7,392	40,386	720		
1480546	12,114	12,297	10,035	2,466	113	-	-	-	-	1,105	6,403	8,457	52,989	136		
2027510	8,065	7,229	6,910	6,932	7,056	6,133	7,234	7,566	6,629	8,248	6,662	6,909	85,573	215		
1954681	74,374	65,432	48,072	27,084	21,880	19,632	16,072	16,012	16,341	22,181	38,885	49,137	415,102	127		
2027454	7,566	7,442	7,331	938	-	-	-	-	-	1,496	6,142	8,286	39,201	127		
2035408	2,138	2,012	1,833	665	88	-	-	-	-	242	1,537	2,282	10,797	127		
1685269	27,100	24,850	24,320	19,210	19,150	22,020	24,780	24,820	22,620	22,610	18,940	21,730	272,150	216		
2116004	5,221	5,235	4,495	1,353	-	-	-	-	-	-	761	3,718	4,785	25,568	103	
2123495	-	-	-	-	-	-	-	-	-	-	-	12,384	11,087	23,471	120	
1987815	63,603	56,640	52,221	31,199	19,148	16,068	14,863	16,459	18,607	27,132	49,481	56,983	422,403	131		
1724010	24,490	23,700	24,437	23,366	22,094	20,259	19,964	22,201	22,053	22,870	20,313	21,919	267,666	76		
1826561	6,948	6,776	6,185	2,796	1,127	901	765	787	873	1,702	4,609	6,393	39,862	132		
2035839	6,173	5,905	5,185	2,324	1,332	1,036	1,094	1,049	980	1,884	3,807	5,403	36,171	112		
1756664	32,470	30,360	30,390	7,620	780	-	-	-	-	4,050	24,620	39,246	169,536	346		
1921700	50,055	47,160	51,538	9,804	882	-	-	-	-	6,021	25,793	42,461	234,488	549		
2025107	8,659	8,281	6,166	1,136	-	1	-	-	-	156	4,823	7,959	37,181	576		
2116161	197,372	191,704	200,089	68,357	-	-	-	-	-	534	137,034	202,425	997,513	518		
1283000	66,603	63,440	62,701	48,742	42,920	35,603	31,238	33,640	35,149	40,854	48,342	65,538	574,769	843		
2036180	51,623	52,603	52,158	44,785	35,004	30,388	27,216	28,687	28,232	33,567	40,008	46,155	470,426	1,362		
1884579	7,322	6,959	6,316	1,170	-	-	-	-	-	1,766	5,164	6,879	35,575	174		
1685272	54,752	52,449	45,178	22,991	3,240	-	-	-	40	4,727	18,451	24,236	226,063	174		
1987814	528,462	473,113	494,973	507,231	508,700	482,712	303,117	531,842	490,554	511,970	492,640	406,699	5,732,013	174		
1658883	36,859	37,084	19,099	4,233	-	-	-	-	13	3,863	26,278	32,966	160,395	111		
2123504	23,123	24,240	25,377	4,978	1	1	1	-	42	5,593	18,449	28,124	129,929	888		
2025174	5,432	5,161	5,145	4,111	3,948	3,696	3,617	3,698	3,471	3,853	4,638	5,904	52,674	78		
1452606	32,058	28,707	27,434	10,054	-	-	-	-	-	7,225	20,721	30,411	156,609	480		
1601879	-	-	-	-	-	-	-	-	-	-	78,140	86,420	164,560	172		
1906514	1,024,240	987,960	1,064,060	923,290	908,360	718,850	838,090	828,020	840,730	877,230	928,630	986,220	10,925,680			
1526402	16,401	16,065	13,826	3,522	-	-	-	-	11	3,169	12,254	16,577	81,824	172		
1582088	48,314	45,488	42,507	16,746	3,509	2,912	2,876	3,265	3,481	12,847	33,409	43,779	259,133	42		
1533335	26,460	65,620	61,200	31,140	15,249	2,782	-	1,719	13,721	21,027	50,844	45,203	334,965	291		
1533336	39,560	680	-	-	-	11,530	13,229	12,950	-	-	-	22,476	100,426	211		
1526428	38,517	32,641	30,666	17,132	11,419	52,980	66,011	70,714	39,432	10,683	25,614	33,016	428,825	260		
2026766	15,548	14,309	13,121	7,699	130	-	-	-	-	4,261	12,167	13,287	80,522	272		
2027581	12,621	11,896	11,669	3,167	116	-	-	-	-	2,042	8,079	11,472	61,062	354		
1553327	37,691	36,676	33,417	18,639	5,651	-	-	-	-	11,940	26,667	33,679	204,360	152		
2035887	8,638	11,501	6,566	3,107	589	-	-	-	-	1,046	6,471	7,497	45,415	257		
2133091	96,130	91,050	102,680	92,730	92,470	86,360	89,090	87,250	81,880	90,910	90,020	89,190	1,089,760	278		
1658884	75,613	73,229	79,607	50,319	22,884	19,963	7,892	16,414	22,631	33,233	59,792	70,572	532,147	240		
2064979	31,099	29,669	26,330	14,255	13,125	18,395	19,804	13,361	10,381	11,593	17,451	17,279	222,743	235		
1553324	27,503	27,637	24,651	4,767	174	-	-	-	-	3,910	19,951	25,307	133,900	167		
1601878	37,810	33,830	37,870	7,936	1,095	113	-	-	-	106	15,428	29,221	198,584	429		
1724219	22,383	21,821	25,431	23,197	25,024	24,390	21,054	20,432	22,780	17,147	21,241	25,274	270,174	251		
1526468	12,282	15,465	11,748	2,019	-	-	-	-	-	2,617	10,563	18,327	73,019	106		
1987803	40,078	39,495	33,040	23,840	38,095	68,299	94,865	75,964	53,203	38,137	33,033	37,083	575,134	296		
1989421	21,077	18,497	11,690	2,907	-	-	-	-	-	91	8,600	15,217	78,078	400		
2024719	7,965	7,434	7,326	2,526	1,657	1,379	1,136	1,078	1,388	1,892	5,630	7,654	47,065	573		
1621319	38,736	40,456	39,228	22,951	14,183	8,619	8,309	8,629	9,025	14,738	27,052	38,988	270,915	65		

**Philadelphia Gas Works
January 2013 - December 2013**

53.64(c) 8 9

2036046	3,709	3,315	3,340	861	-	-	-	1	-	1	931	3,450	3,815	19,423	120	
2027224	3,639	3,646	3,730	892	-	-	-	-	-	2	-	709	2,606	15,224	201	
2025156	6,940	7,296	6,222	3,075	-	-	-	-	-	1	917	2,967	5,064	32,482	139	
1526403	44,330	39,890	39,640	24,630	13,620	7,600	3,820	5,540	6,330	-	14,730	29,370	39,962	289,462	599	
1514011	140,450	127,650	126,530	73,810	33,710	-	-	-	-	-	28,240	78,970	148,928	758,288	254	
1954684	70,164	63,335	59,586	21,424	6,829	-	-	-	-	-	18,746	49,007	59,421	348,511	296	
2036186	110,620	102,270	95,220	45,220	17,280	-	-	-	-	-	27,030	69,520	90,144	557,304	141	
1806080	13,810	13,270	10,240	10,160	5,780	3,680	4,170	4,580	4,190	7,800	12,120	15,145	104,945	120		
2036194	275,801	250,728	294,808	255,581	266,297	246,684	226,262	237,787	151,650	282,878	303,300	293,782	3,085,558	89		
2012851	3,307	3,472	3,377	2,055	744	157	143	223	476	1,321	2,576	3,082	20,933	90		
2012853	4,303	4,343	3,928	2,199	1,265	233	27	140	412	1,504	3,115	3,295	24,764	72		
2012857	3,585	3,692	3,147	1,761	713	207	258	202	406	1,319	2,627	3,300	21,217	72		
2027476	8,147	6,606	6,669	5,682	4,440	2,948	3,841	4,549	4,385	5,182	6,900	8,235	67,584	82		
2025003	4,648	4,414	3,920	2,316	2,083	1,252	1,287	1,520	1,923	2,482	3,515	5,002	34,361	54		
2025082	3,953	3,745	3,407	1,973	1,507	297	14	158	298	1,363	1,895	2,318	20,928	75		
1987801	27,487	27,145	24,299	9,833	5,342	4,123	17,784	18,125	12,297	9,608	19,217	25,529	200,789	75		
2027524	30,143	29,451	26,585	11,621	6,458	5,067	20,027	20,238	13,861	11,034	20,952	27,572	223,009	207		
1611615	8,337	7,152	5,584	2,323	-	-	-	-	8	1,155	5,425	7,598	37,582	189		
1526426	-	-	-	-	-	3,898	3,588	3,834	3,749	8,427	20,847	29,626	73,970	402		
1546085	-	-	-	-	-	4,859	3,802	4,144	3,354	5,457	14,108	24,158	59,883	54		
1546087	-	-	-	-	-	4,699	4,454	5,094	5,351	10,381	31,228	34,026	95,234	269		
1546088	-	-	-	-	-	3,813	3,097	3,460	4,486	10,082	26,860	37,914	89,712	50		
1906648	6,418	5,428	4,887	1,529	3,882	6,441	5,741	6,271	3,242	1,685	3,471	5,011	54,006	50		
1526435	81,373	86,646	89,691	58,073	50,791	40,309	34,588	39,017	44,776	58,193	75,650	75,499	734,605	600		
2116157	41,180	36,890	38,920	23,990	16,100	15,480	14,020	14,380	16,680	20,980	33,280	39,560	311,460	86		
1658874	59,640	54,710	59,367	51,097	45,440	38,647	21,720	30,786	32,387	38,704	37,636	31,399	501,533	402		
1393766	19,650	21,890	19,430	7,480	3,590	2,700	2,300	2,870	3,210	4,710	12,950	16,950	117,730	187		
2026874	3,655	3,699	3,176	1,226	-	706	731	761	814	733	2,974	4,533	23,008	703		
1954683	41,552	39,216	35,274	19,744	16,619	18,608	22,523	22,375	22,069	22,402	32,445	44,023	336,850	200		
1685268	8,589	8,138	5,711	1,772	-	-	-	-	-	828	3,661	8,579	37,278	144		
2027381	2,978	4,408	4,716	2,216	1,454	1,178	1,165	1,175	1,197	1,600	3,507	4,763	30,357	513		
2027430	2,999	4,399	4,743	2,189	1,448	1,188	1,155	1,200	1,176	1,606	3,519	4,733	30,355	232		
2027642	16,448	16,625	12,561	2,507	-	-	-	-	1	1,962	8,661	12,001	70,765	392		
1611637	26,220	24,680	21,250	10,430	7,470	6,030	5,520	5,750	6,330	9,690	18,380	22,850	164,800	346		
2115588	9,980	9,528	8,945	3,570	2,303	2,053	1,945	1,997	1,957	3,653	8,347	10,760	65,037	100		
2115589	8,730	8,357	7,799	3,057	1,907	1,694	1,597	1,680	1,840	3,392	7,546	9,589	57,188	168		
2023812	14,473	13,342	11,989	6,733	3,264	8	8	8	9	2,573	8,022	13,151	73,580	235		
2025095	14,592	13,135	13,409	4,554	213	-	-	-	4	1,098	7,797	11,237	66,039	256		
1402992	41,240	40,288	36,296	14,184	4,364	2,681	2,411	2,576	2,674	10,019	28,484	39,582	224,799	500		
2023952	35,038	33,618	35,117	14,103	6,171	4,780	4,367	4,760	5,094	10,525	22,527	28,779	204,881	140		
1771898	18,481	833	10,294	27,861	28,984	34,676	45,184	34,519	77,443	105,400	36,653	17,360	437,688	648		
1722906	17,998	16,683	16,453	3,870	-	-	-	-	-	4,085	14,454	18,845	92,388	222		
2036145	13,080	13,399	10,592	2,893	1,131	770	990	1,584	1,072	1,895	5,966	10,456	63,828	85		
2027591	4,872	4,364	4,489	2,995	2,210	1,605	1,194	1,703	2,047	3,423	4,354	5,430	38,685	23		
1546140	64,246	60,721	65,035	21,387	7,553	4,366	3,819	4,071	5,334	24,911	56,398	67,054	384,895	600		
1771899	3,700	7,300	-	13,000	13,200	-	-	4,400	2,400	10,900	18,300	15,800	89,000	8		
1685280	33,240	22,640	24,300	12,960	21,440	20,460	28,080	31,260	30,050	35,080	41,250	39,940	340,680	75		
1356070	71,345	67,403	66,070	41,859	35,198	28,136	23,901	28,285	27,596	42,449	63,987	72,556	568,785	215		
2026737	-	-	-	-	-	-	-	-	60	1,676	5,476	9,551	16,764	143		
2027620	12,947	13,721	11,736	4,307	40	-	1	-	-	3,261	9,725	16,351	72,088	424		
1989422	7,075	5,070	3,267	97	-	-	-	-	-	-	3,366	4,276	23,150	73		
2027589	10,934	10,458	11,012	1,814	-	-	-	-	-	-	1,078	9,662	51,925	153		
1389592	20,701	18,973	16,075	3,446	-	-	-	-	-	3,792	12,702	18,462	94,151	235		
1393763	15,450	14,799	13,566	3,468	325	-	-	-	123	1,264	11,024	15,240	75,258	215		
1414492	37,390	31,426	21,428	4,980	206	-	-	-	-	2,937	17,387	23,386	139,139	154		
1526470	9,007	8,364	6,493	1,370	-	-	-	-	-	996	8,518	9,832	44,579	186		
1553328	9,320	9,447	6,175	1,414	-	-	-	-	1,691	1,586	6,152	8,232	44,018	27		
1658876	30,214	31,493	24,711	5,161	-	-	-	-	-	641	14,724	23,613	130,557	54		
1906630	-	7,461	6,649	1,579	-	-	-	-	-	43	4,258	5,507	25,497	43		
1987496	12,140	12,767	7,272	2,930	176	-	-	-	-	96	1,316	7,866	11,322	55,885	50	
1987786	9,206	7,600	6,238	1,933	-	-	-	-	-	2,173	7,108	9,534	43,793	48		
1987809	17,539	16,675	15,369	5,396	-	-	-	-	558	5,356	10,246	17,369	88,508	48		
2024367	6,330	5,152	4,191	1,268	-	-	-	-	-	449	3,391	4,931	25,713	26		
2024389	-	2,915	2,150	496	-	-	-	-	-	243	1,505	2,301	9,610	90		
2024706	6,268	6,070	4,858	1,185	-	-	-	-	-	579	3,349	5,970	28,280	156		
2027464	11,990	11,210	11,016	2,555	1	-	-	-	134	1,557	7,922	9,515	55,898	424		
2027483	10,576	13,588	14,535	7,144	1,168	-	1	-	58	3,120	7,577	10,225	67,991	95		
2027484	6,040	6,178	4,740	1,839	141	-	-	-	3	571	4,173	7,166	30,851	98		
2027490	-	-	-	-	-	-	-	-	-	1,816	6,633	9,618	18,067	844		
2036185	21,707	19,706	17,481	5,957	-	-	-	-	-	1,778	14,351	15,775	96,756	72		
2036189	17,935	16,534	15,948	7,102	228	-	-	-	-	1,193	9,132	15,797	83,869	168		
2036193	-	-	13,600	4,400	-	-	-	-	-	3,700	11,000	16,800	49,700	126		
2036195	29,871	29,758	19,141	6,939	1,548	-	105	-	-	3,674	19,442	27,984	138,461	120		
2064972	26,423	26,719	20,895	5,642	-	-	-	-	-	-	-	-	79,678	163		
2064980	71,623	65,551	52,014	21,646	3,643	-	-	-	-	-	-	-	322,774	223		
2115136	7,371	6,358	5,565	305	-	-	1	-	-	4,263	43,684	60,350	322,774	223		
2115141	5,849	4,467	3,808	1,227	5	-	-	-	-	513	5,363	7,463	32,939	72		
2115842	7,609	5,886	4,564	1,586	109	-	-	44	33	849	3,066	4,916	24,264	26		
2116149	6,570	7,108	5,369	1,110	-	-	-	1	9	777	3,731	7,335	31,607	748		
1987810	10,088	9,073	6,867	1,836	-	-	-	-	32	618	4,415	6,407	31,628	341		
1393767	25,820	21,290	22,270	19,690	7,760	-	-	-	-	251	4,150	7,065	39,329	2,087		
1546148	31,160	33,035	35,443	15,109	136	-	-	-	-	5,370	21,190	22,720	146,110	576		
1553325	38,830	47,850	54,580	18,510	-	-	-	-	-	9,247	19,130	18,290	161,551	844		
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**Philadelphia Gas Works
January 2013 - December 2013**

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2024694	9,993	8,900	6,623	2,101	218	-	-	-	21	767	6,584	10,952	46,159	377	
2027618	-	-	-	-	-	-	-	-	-	-	-	657	657	229	
1722873	18,834	17,901	16,060	7,320	3,759	2,026	1,843	1,944	2,270	5,435	13,128	16,727	107,247	1,400	
1722888	23,332	22,140	20,099	11,049	7,830	6,137	5,403	5,615	6,105	8,936	16,531	21,234	154,411	1,269	
2024285	6,899	6,488	6,066	3,012	1,461	569	484	517	639	2,066	4,762	6,447	39,390	4,740	
2024290	7,906	7,738	7,430	3,341	1,188	633	554	730	1,049	2,682	5,624	7,302	46,177	64	
2024299	8,116	7,839	7,093	3,061	1,385	528	487	518	611	2,205	5,450	7,479	44,752	64	
2024675	8,368	7,598	7,430	7,781	2,608	512	438	453	857	3,914	9,150	10,678	59,786	64	
2027527	14,548	14,075	13,108	6,885	3,134	1,521	1,379	1,531	2,000	4,731	10,419	13,621	86,953	64	
2123460	8,806	9,173	7,583	1,125	-	-	-	-	16	-	645	5,530	8,709	41,587	89
1884576	31,720	33,065	28,847	10,114	3,354	32	-	-	-	2,019	5,543	18,861	29,188	162,742	89
1611635	74,475	70,667	62,966	26,761	8,153	5,448	5,008	5,799	5,992	19,769	51,864	69,557	406,257	3,300	
1685276	15,932	13,673	11,029	3,485	-	-	-	-	-	867	8,445	11,394	64,825	437	
1658882	35,075	31,388	24,470	5,432	-	-	-	-	-	-	20,080	26,052	142,496	31	
1521897	15,248	14,575	13,589	4,633	1,659	1,371	1,428	1,262	1,189	4,277	9,840	13,807	82,879	202	
1723900	35,932	33,702	32,358	28,095	30,138	27,129	26,545	29,580	24,927	20,076	26,759	35,808	351,049	453	
1701739	42,293	38,555	40,798	32,681	28,302	22,855	22,642	22,108	25,418	29,797	37,273	41,545	384,266	83	
2115901	620	563	486	192	45	-	-	-	-	-	404	534	2,844	925	
1987633	2,984	-	5,281	297	-	-	-	3	2	54	1,692	2,815	13,128	1,252	
1987683	1,620	1,559	1,498	251	-	-	-	6	-	119	1,056	1,466	7,575	302	
2035694	1,318	1,299	1,076	324	38	-	-	1	-	28	677	1,095	5,856	60	
2115434	841	786	690	217	-	-	-	2	-	104	508	727	3,875	541	
2023825	5,771	5,575	4,996	1,723	164	-	-	-	-	364	3,331	5,611	27,535	541	
2027536	6,136	5,637	5,130	797	-	-	-	-	-	-	3,971	5,420	27,091	416	
2027563	7,305	6,953	5,795	984	-	-	-	-	-	-	5,352	6,666	33,055	388	
1722889	7,203	9,470	7,588	3,442	275	-	-	-	-	-	1,967	7,027	9,188	46,160	373
1526423	15,330	14,880	13,810	7,900	4,550	2,710	1,960	2,130	2,410	5,390	10,960	13,920	95,950	59	
2026870	9,246	8,729	6,966	2,764	-	-	35	-	19	1,448	5,558	7,689	42,454	1,851	
1806079	21,478	20,447	17,541	7,873	3,133	2,544	1,634	1,486	3,977	7,940	16,014	21,210	125,277	107	
2027641	16,447	14,793	13,664	2,452	-	-	-	-	-	-	2,625	9,972	13,395	73,348	368
2024992	1,988	1,994	1,615	489	57	-	-	-	-	243	1,124	1,592	9,102	1,851	
2025099	3,260	3,031	3,476	624	60	-	-	-	-	253	2,151	3,638	16,493	54	
1986388	5,064	4,519	4,117	869	-	-	-	-	-	494	3,061	4,542	22,666	38	
1526404	17,390	16,600	16,010	9,390	6,090	2,970	3,200	2,730	2,730	5,610	12,000	15,200	109,920	523	
1909334	5,940	5,133	4,795	2,479	1,724	1,505	1,279	1,344	1,391	2,073	3,556	4,586	35,785	98	
2027383	7,466	7,555	6,818	1,012	2	-	-	-	-	258	4,186	7,095	34,392	645	
1701736	-	1,168,000	1,904,800	99,100	73,200	247,800	-	-	-	99,200	62,600	170,800	555,400	4,380,900	60
1701737	-	1,250,700	1,977,600	102,100	75,400	254,300	-	-	-	101,600	63,900	174,000	566,900	4,566,500	432
1440487	2,620	2,230	1,620	440	-	-	-	-	-	30	210	1,020	10,200	424	
1611015	-	-	-	16,200	23,200	30,800	38,300	33,500	10,600	8,100	6,800	3,100	170,600	547	
1403018	12,231	11,289	8,727	1,979	319	-	-	-	-	981	8,318	11,498	55,342	1,225	
1658885	3,400	3,200	2,600	7,000	900	-	53,400	100	16,300	1,200	-	200	88,300	55	
1658886	1,200	1,300	1,000	2,800	-	-	-	-	-	-	-	-	6,300	1,322	
1786008	368,000	353,200	333,300	225,000	180,300	147,600	139,500	150,000	160,400	194,100	292,200	351,600	2,895,200	5,500	
1786009	338,600	325,100	307,100	207,800	166,400	136,600	129,100	138,800	148,400	179,500	269,000	323,300	2,669,700	5,500	
1884569	49,800	46,400	38,500	29,600	24,100	20,900	20,300	20,500	21,700	26,700	40,400	56,900	395,800	1,222	
2064981	-	-	-	63,400	313,500	244,000	226,700	253,400	292,500	367,600	580,400	712,900	3,054,400	11,586	
2064982	724,300	699,000	663,900	358,500	-	-	-	-	-	-	-	-	2,445,700	5,500	
2026701	9,994	11,274	10,075	11,360	8,726	8,468	-	7,455	-	-	-	-	67,351	141	
2023953	75,192	74,283	70,330	51,909	-	-	21,788	24,788	29,229	37,795	56,187	66,513	508,013	576	
2027529	54,384	50,824	46,802	22,282	7,814	6,642	5,537	6,296	6,995	16,691	38,499	52,358	315,124	706	
2035886	7,246	8,844	6,819	5,191	4,295	3,726	3,042	3,132	5,183	6,006	6,485	6,356	66,125	95	
1526433	59,939	56,979	57,136	39,490	37,437	29,736	27,541	30,421	30,921	36,895	49,145	58,615	514,254	1,043	
2116160	32,400	30,800	29,700	10,000	1,500	-	-	-	-	4,700	19,800	30,597	159,497	547	
1526427	11,870	12,380	10,190	1,810	1,230	4,210	7,330	4,980	3,070	3,990	7,560	10,980	79,600	144	
1546146	24,331	21,740	21,152	8,873	5,881	4,833	4,547	5,363	5,294	7,613	16,614	20,686	146,926	313	
1526425	20,287	19,475	17,837	8,215	1,786	1,454	1,378	1,777	2,346	5,492	14,983	19,123	114,151	360	
1582089	54,087	52,003	46,751	21,047	6,416	5,583	5,082	5,964	7,423	18,721	38,316	50,423	311,815	479	
2024714	9,650	9,788	9,073	1,942	255	-	-	-	-	1,490	6,577	8,075	46,850	167	
2064820	3,561	3,644	4,091	977	-	-	-	-	-	458	1,895	3,331	17,957	99	
1526476	63,737	58,497	54,617	35,566	19,493	19,761	19,396	16,331	22,296	26,162	44,888	66,371	447,114	43	
2027583	673	14,314	2,887	19,270	24,181	13,750	5,292	5,330	8,084	4,141	3,836	3,306	105,062	202	
2036187	43,049	39,973	37,480	18,723	7,084	-	14	14	2,144	12,080	33,624	45,360	239,544	576	
1909300	263,160	353,830	71,780	945,020	28,860	36,500	41,980	33,760	81,270	208,760	104,000	865,520	3,034,440		
2116162	-	-	-	-	-	80,800	88,900	93,200	109,700	140,600	164,500	677,700	2,549		
2027494	22,498	20,708	20,942	3,539	-	1	-	3	-	6,331	16,973	22,330	113,326	100	
2123463	-	-	-	-	-	-	-	-	-	-	2,181	3,462	5,643	80	
2123484	-	-	-	-	-	-	-	-	-	-	1,931	3,093	5,024	119	
2123467	-	-	-	-	-	-	-	-	-	-	3,613	6,249	9,882	80	
2115593	17,960	16,239	14,566	11,944	7,829	7,569	6,592	8,606	7,482	8,898	13,312	15,204	136,200	388	
1575425	11,800	9,990	8,900	1,830	-	-	-	-	-	20	5,850	10,280	48,670	383	
1724210	12,939	5,276	6,914	7,386	4,290	2,287	1,155	1,641	3,480	5,402	6,640	7,021	64,431	449	
2025146	11,851	8,696	8,259	2,682	-	-	-	-	4	1,728	7,719	8,773	49,712	140	
2025172	10,520	7,819	7,384	2,399	-	-	-	-	3	1,517	6,875	7,703	44,219	175	
1526478	-	-	-	-	-	-	-	-	-	2,918	21,338	28,597	52,853	135	
2027180	6,640	6,786	5,963	1,094	-	-	-	-	-	1,665	7,650	9,356	39,154	164	
2024698	6,531	6,346	5,363	1,832	-	-	2	-	14	713	4,038	6,090	30,929	272	
1601880	15,100	15,010	13,840	7,610	970	-	-	-	-	2,260	8,780	13,620	77,190	272	

Tab 9

Philadelphia Gas Works

Pennsylvania Public Utility Commission
52 Pa. Code §53.61, et seq.

Item 53.64(c) Thirty days prior to the filing of a tariff reflecting an increase or decrease in natural gas costs, each Section 1307(f) gas utility seeking recovery of purchased gas costs under that section shall provide notice to the public, under § 53.68 (relating to notice requirements), and shall file the following supporting information with the Commission, with a copy to the Consumer Advocate, Small Business Advocate and to intervenors upon request:

- (10) A schematic system map, locating and identifying by name, the pressure and capacity of all interstate or intrastate transmission pipeline connections, compressor stations, utility transmission or distribution mains 6 inches or larger in size, storage facilities, including maximum daily injection and withdrawal rates, production fields, and each individual supply or transportation customer which represents 5% or more of total system throughput in a month. Each customer or account shall be identified solely by a unique alphanumeric code, the key to which may be provided subject to § 5.423.

Response:

Following the lead of the industry, as well as federal policy guidelines regarding the security of information relating to energy transmission sites, PGW will no longer provide this data to the general public. However, upon request PGW will provide this information to the Commission and will also provide this information, upon written request, to parties to this proceeding that have legitimate business reasons to view this information.