

**Philadelphia Gas Works**  
**Before The**  
**Pennsylvania Public Utility Commission**

**Computation of Annual Purchased Gas Costs  
For Twelve Months Ending August 31, 2011**

**66 Pa.C.S. § 1307(f)**

**Information Submitted Pursuant To:**

**66 Pa.C.S. §§ 1307(f), 1317, 1318 and  
52 Pa. Code § 53.61, et seq.**

**February 1, 2010**

# Philadelphia Gas Works 1307f - 2010 Prefiling

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**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, 2010 and an updated Annual Resource Planning Report is not available at this time.

# ANNUAL RESOURCE PLANNING REPORT

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## **Philadelphia Gas Works** **Philadelphia, Pennsylvania**

**March 2009**

**Forms 1 & 2**

**BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION**

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

**ANNUAL RESOURCE PLANNING REPORT  
MARCH 2009**

**Forms 1 & 2**

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

# **PHILADELPHIA GAS WORKS**

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<b><u>EXHIBIT NO.</u></b>	<b><u>REGULATION</u></b>	<b><u>DESCRIPTION</u></b>
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, 5<sup>th</sup> 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, Gas Planning & Rates at 215-684-6317. The following individual is available to answer questions concerning Forms 1 and 2:  
Ms. Maria Hogan, Administrator – 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 2009**

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

**PHILADELPHIA GAS WORKS**  
**2009 Annual Resource Planning Summary Report**

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**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 5 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 56% 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 and Global Insight) 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 16% 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/or 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 4412 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 4412 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.

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 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.



## **V. 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 sale 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 average usage per customer and demands 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 net natural gas expenses, net applicable GCR expenses and the GCR. It ascribes responsibility for the raw material costs to firm and interruptible classes in accordance with PGW's tariff requirements, assigning cost on an as-used basis to customer classes applicable to such charges, and compensates for the Interruptible Revenue Credit, interest and the previous over or under billing of fuel expenses. Detail summary reports include specifics of raw material adjustment, statements of reconciliation, and determination of firm sales and expenses. This data 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 in a timely manner. 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 2006-2007	-1 2007-2008	0 2008-2009	1 2009-2010	2 2010-2011	3 2011-2012	
<b>Firm Requirements:</b>							
Retail Residential	36,184	35,197	39,700	39,731	39,543	39,457	
Retail Commercial	10,757	9,733	10,294	10,373	10,335	10,374	
Retail Industrial	847	658	718	728	702	683	
Electric Power Generation Exchanges with Other Utilities							
Unaccounted For Gas	2,827	1,347	2,639	2,150	2,117	2,135	
Company Use	859	717	760	636	647	656	
Other - Prior Period Adjustment	-	-	-	-	-	-	
Subtotal Firm	51,474	47,651	54,110	53,618	53,345	53,305	
<b>Interruptible Requirements:</b>							
Retail	2,692	1,776	1,146	1,326	1,370	1,430	
Electric Power Generation	12	14	13	10	8	7	
Company's Own Plant	61	61	84	225	260	261	
Unaccounted For Gas	142	79	44	53	55	57	
Subtotal Interruptible	2,907	1,931	1,287	1,613	1,693	1,755	
<b>SUBTOTAL FIRM AND INTERRUPTIBLE</b>	<b>54,381</b>	<b>49,581</b>	<b>55,396</b>	<b>55,231</b>	<b>55,038</b>	<b>55,060</b>	
<b>Transportation:</b>							
Firm Residential	3	10	4	-	-	-	
Firm Commercial	480	1,440	1,951	2,590	2,860	3,061	
Firm Industrial	85	222	280	366	400	428	
Interruptible Residential	-	-	-	-	-	-	
Interruptible Commercial	3,710	5,144	5,574	5,328	5,285	5,258	
Interruptible Industrial	4,481	5,888	5,768	6,583	6,824	7,010	
Other - Non-Utility Power Producers	4,798	6,679	6,651	6,277	6,277	6,277	
Subtotal Transportation	13,556	19,382	20,227	21,143	21,646	22,034	
<b>TOTAL GAS REQUIREMENTS</b>	<b>67,937</b>	<b>68,963</b>	<b>75,623</b>	<b>76,374</b>	<b>76,684</b>	<b>77,094</b>	
Increase (Decrease)	N/A	1,027	6,660	751	310	410	
Percent Change (%)	N/A	1.51%	9.66%	0.99%	0.41%	0.54%	

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

Index Year Actual Year	Historical Data			Current Year	Three Year Forecast <sup>(1)</sup>		
	-2 2006-2007	-1 2007-2008	0 2008-2009	1 2009-2010	2 2010-2011	3 2011-2012	
<b>Firm Requirements:</b>							
Retail Residential	381	336	441	460	458	457	
Retail Commercial	113	93	121	120	120	120	
Retail Industrial	9	6	9	8	8	8	
Electric Power Generation	0	0	0	0	0	0	
Exchanges with Other Utilities	0	0	0	0	0	0	
Unaccounted For Gas	30	13	26	25	25	25	
Company Use	9	7	9	7	7	8	
Other	0	0	0	0	0	0	
Subtotal Firm	543	454	606	621	618	617	
<b>Interruptible Requirements:</b>							
Retail	14.7	11.3	13.6	15.8	15.9	16.7	
Electric Power Generation	0.0	0.1	0.0	0.0	0.0	0.0	
Company's Own Plant	0.5	0.4	0.6	0.7	0.7	0.7	
Unaccounted For Gas	0.0	0.0	0.5	0.6	0.7	0.7	
Subtotal Interruptible	15.2	11.8	14.8	17.1	17.2	18.1	
<b>SUBTOTAL FIRM AND INTERRUPTIBLE</b>	558	466	621	638	636	635	
<b>Transportation:</b>							
Firm Residential	0	0	0	0	0	0	
Firm Commercial	4.4	13.0	22	27	30	32	
Firm Industrial	0.9	1.9	3	4	4	4	
Interruptible Residential	0	0	0	0	0	0	
Interruptible Commercial	21.3	32.7	0	0	0	0	
Interruptible Industrial	7.1	20.6	0	0	0	0	
Other - Non-Utility Power Producers	44.1	35.8	0	0	0	0	
Subtotal Transportation	78	104	25	31	34	36	
<b>TOTAL GAS REQUIREMENTS</b>	636	570	646	669	669	671	
Increase (Decrease)	N/A	(66)	75	23	0	2	
Percent Change (%)	N/A	-10.31%	13.22%	3.63%	0.06%	0.27%	

<sup>(1)</sup> Peak Day is forecasted at a 2 degree temperature.





**FORM-IRP-GAS-2C: NATURAL GAS STORAGE <sup>(1)</sup>**  
**REPORTING UTILITY: PHILADELPHIA GAS WORKS**  
(Volumes in MMcf)

Index Year Actual year	Historical Data						Three Year Forecast					
	-2 2006-2007		-1 2007-2008		0 2008-2009		1 2009-2010		2 2010-2011		3 2011-2012	
	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak
Transcontinental Transmission Corp.	3,723	60	3,723	60	3,723	60	3,723	60	3,723	60	3,723	60
Dominion Transmission Inc.	3,481	32	3,481	32	3,481	32	3,481	32	3,481	32	3,481	32
Transcontinental Transmission Corp.	3,086	36	3,086	36	3,086	36	3,086	36	3,086	36	3,086	36
Texas Eastern Transmission Corp.	2,467	43	2,467	43	2,467	43	2,467	43	2,467	43	2,467	43
Texas Eastern Transmission Corp.	2,219	20	2,219	20	2,219	20	2,219	20	2,219	20	2,219	20
ANR	-	-	-	-	-	-	-	-	-	-	-	-
Transcontinental Transmission Corp.	1,106	110	1,106	110	1,106	110	1,106	110	1,106	110	1,106	110
Equitrans	507	5	507	5	507	5	507	5	507	5	507	5
Transcontinental Transmission Corp.	453	5	453	5	453	5	453	5	453	5	453	5
<b>Total</b>	<b>17,042</b>	<b>311</b>	<b>17,042</b>	<b>311</b>	<b>17,042</b>	<b>311</b>	<b>17,042</b>	<b>311</b>	<b>17,042</b>	<b>311</b>	<b>17,042</b>	<b>311</b>

<sup>(1)</sup> 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 <sup>(2)</sup>
Transcontinental Transmission Corp.	03/31/2013
Dominion Transmission Inc.	Evergreen
Transcontinental Transmission Corp.	Evergreen
Texas Eastern Transmission Corp.	04/30/2012
Texas Eastern Transmission Corp.	04/30/2012
Transcontinental Transmission Corp.	10/31/2013
Equitrans	Evergreen
Transcontinental Transmission Corp.	Evergreen

<sup>(2)</sup> 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 fifty two percent (52%) 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-five percent (25 %) of PGW's gas supply portfolio is purchased on "first of the month index" priced contracts that 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 sendout requirements at a known price. 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 23 percent (23 %) of supply at a fixed price. The variation in the percentages this year is due to two one-year capacity releases totaling thirty-five thousand dekatherms. 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 then 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 an eighteen-year history in the supply area and a six-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.

**Item 53.64(c)(6) continued**

Manager, Gas Supply this person has over thirteen 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 buyer.

Manager, Gas Control: This person has over thirteen years in the supply area, is responsible for the day-to-day 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 and capacity release for the period of January 1, 2009 to December 31, 2009.

Schedule 1 – reflects all off system sales margins for the period January 1, 2009 to December 31, 2009.

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 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, 2009**

<b>Off-System Sales</b>			
<b>MONTH</b>	<b>Total Revenue</b>	<b>Ratepayer Margin</b>	<b>Total Credit To GCR</b>
Jan-09	\$0	\$0	\$0
Feb-09	\$0	\$0	\$0
Mar-09	\$0	\$0	\$0
Apr-09	\$0	\$0	\$0
May-09	\$0	\$0	\$0
Jun-09	\$0	\$0	\$0
Jul-09	\$0	\$0	\$0
Aug-09	\$0	\$0	\$0
Sep-09	\$0	\$0	\$0
Oct-09	\$0	\$0	\$0
Nov-09	\$0	\$0	\$0
Dec-09	\$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, 2009**

**Schedule 3**

**Item 53.64(C)(7)**

MONTH	Capacity Release			
	Total		Total	
	TGPL	TETCO	TGPL	TETCO
	Credits	Credits	Credits	Credits
Jan-09	\$ 523,900	\$ 407,657	\$ 931,556	\$ 931,556
Feb-09	\$ 396,110	\$ 386,669	\$ 782,779	\$ 782,779
Mar-09	\$ 435,882	\$ 445,502	\$ 881,384	\$ 881,384
Apr-09	\$ 564,717	\$ 759,853	\$ 1,324,570	\$ 1,324,570
May-09	\$ 743,043	\$ 1,037,527	\$ 1,780,570	\$ 1,780,570
Jun-09	\$ 762,207	\$ 979,101	\$ 1,741,307	\$ 1,741,307
Jul-09	\$ 784,061	\$ 871,348	\$ 1,655,410	\$ 1,655,410
Aug-09	\$ 787,167	\$ 1,018,872	\$ 1,806,039	\$ 1,806,039
Sep-09	\$ 439,662	\$ 813,203	\$ 1,252,866	\$ 1,252,866
Oct-09	\$ 469,891	\$ 553,051	\$ 1,022,942	\$ 1,022,942
Nov-09	\$ 404,194	\$ 439,801	\$ 843,995	\$ 843,995
Dec-09	\$ 406,508	\$ 448,559	\$ 855,067	\$ 855,067
<b>TOTAL</b>	<b>\$ 6,717,343</b>	<b>\$ 8,161,143</b>	<b>\$ 14,878,486</b>	<b>\$ 14,878,486</b>

Philadelphia Gas Works  
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 For the Twelve Months Ending December 31, 2009

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 GCR CREDIT	REPLACEMENT SHIPPER	
January 09	TETCO	ELA - M-3	N	31,744 \$	13,986.41 \$	0.4406 \$	13,986.41 \$	Hess	
	TETCO	ELA - M-3	N	56,327 \$	24,817.67 \$	0.4406 \$	24,817.67 \$	UGI	
	TETCO	ELA - M-3	N	738,482 \$	354,645.12 \$	0.4802 \$	354,645.12 \$	PPL	
	TETCO	STX - M-3	N	603,314 \$	14,207.30 \$	0.0235 \$	14,207.30 \$	Colonial	
			1,429,867			407,666.50			
January 09	TRANSCO	3-6	N	140,000 \$	14,350.00 \$	0.1025 \$	14,350.00 \$	Total Gas & Power (PPA 12/08)	
	TRANSCO	3-6	N	310,000 \$	74,400.00 \$	0.2400 \$	74,400.00 \$	Fortis	
	TRANSCO	3-6	N	31,744 \$	13,820.42 \$	0.4354 \$	13,820.42 \$	Hess	
	TRANSCO	3-6	N	56,327 \$	24,523.17 \$	0.4354 \$	24,523.17 \$	UGI	
	TRANSCO	3-6	N	310,000 \$	149,302.20 \$	0.4816 \$	149,302.20 \$	Hess	
	TRANSCO	3-6	N	310,000 \$	201,500.00 \$	0.6500 \$	201,500.00 \$	Sequent	
	TRANSCO	3-6	N	310,000 \$	31,000.00 \$	0.1000 \$	31,000.00 \$	Fortis	
	TRANSCO	3-6	N	20,367 \$	2,545.72 \$	0.1250 \$	2,545.72 \$	Sequent	
	TRANSCO	3-6	N	30,039 \$	3,755.03 \$	0.1250 \$	3,755.03 \$	Sequent	
	TRANSCO	3-6	N	22,816 \$	2,852.00 \$	0.1250 \$	2,852.00 \$	Sequent	
	TRANSCO	3-6	N	46,810 \$	5,851.25 \$	0.1250 \$	5,851.25 \$	Sequent	
				1,588,103			523,899.79		
February 09	TETCO	ELA - M-3	N	30,716 \$	18,908.76 \$	0.6156 \$	18,908.76 \$	Hess	
	TETCO	ELA - M-3	N	55,888 \$	34,404.65 \$	0.6156 \$	34,404.65 \$	UGI	
	TETCO	ELA - M-3	N	667,016 \$	320,523.26 \$	0.4805 \$	320,523.26 \$	PPL	
	TETCO	STX - M-3	N	256,658 \$	12,832.40 \$	0.0500 \$	12,832.40 \$	Colonial	
			1,010,278			386,669.07			
February 09	TRANSCO	3-6	N	280,000 \$	28,000.00 \$	0.1000 \$	28,000.00 \$	Fortis	
	TRANSCO	3-6	N	30,716 \$	13,372.80 \$	0.4354 \$	13,372.80 \$	Hess	
	TRANSCO	3-6	N	55,888 \$	24,332.00 \$	0.4354 \$	24,332.00 \$	UGI	
	TRANSCO	3-6	N	280,000 \$	134,853.60 \$	0.4816 \$	134,853.60 \$	Hess	
	TRANSCO	3-6	N	280,000 \$	182,000.00 \$	0.6500 \$	182,000.00 \$	Sequent	
	TRANSCO	3-6	N	18,396 \$	2,299.36 \$	0.1250 \$	2,299.36 \$	Sequent	
	TRANSCO	3-6	N	27,132 \$	3,391.64 \$	0.1250 \$	3,391.64 \$	Sequent	
	TRANSCO	3-6	N	20,608 \$	2,576.00 \$	0.1250 \$	2,576.00 \$	Sequent	
	TRANSCO	3-6	N	42,280 \$	5,285.00 \$	0.1250 \$	5,285.00 \$	Sequent	
				1,035,020			396,110.40		
	March 09	TETCO	ELA - M-3	N	45,105 \$	27,766.64 \$	0.6156 \$	27,766.64 \$	Hess
		TETCO	ELA - M-3	N	79,050 \$	48,663.18 \$	0.6156 \$	48,663.18 \$	UGI
TETCO		ELA - M-3	N	284,146 \$	14,207.30 \$	0.0500 \$	14,207.30 \$	Colonial	
TETCO		STX - M-3	N	738,482 \$	354,865.05 \$	0.4805 \$	354,865.05 \$	PPL	
			1,146,783			445,502.17			
March 09	TRANSCO	3-6	N	310,000 \$	31,000.00 \$	0.1000 \$	31,000.00 \$	Fortis	
	TRANSCO	3-6	N	45,136 \$	19,650.90 \$	0.4354 \$	19,650.90 \$	Hess	
	TRANSCO	3-6	N	79,081 \$	34,429.22 \$	0.4354 \$	34,429.22 \$	UGI	
	TRANSCO	3-6	N	310,000 \$	149,302.20 \$	0.4816 \$	149,302.20 \$	Hess	
			1,054,217			201,500.00 \$	Sequent		
						435,882.32			
April 09	TETCO	ELA - M-3	N	43,230 \$	26,612.39 \$	0.6156 \$	26,612.39 \$	Hess	
	TETCO	ELA - M-3	N	78,040 \$	48,533.91 \$	0.6219 \$	48,533.91 \$	UGI	
	TETCO	ELA - M-3	N	714,660 \$	343,417.79 \$	0.4805 \$	343,417.79 \$	PPL	
	TETCO	STX - M-3	N	274,980 \$	13,749.00 \$	0.0500 \$	13,749.00 \$	Colonial	
	TETCO	STX - M-3	N	240,000 \$	148,800.00 \$	0.6200 \$	148,800.00 \$	Virginia Power	
	TETCO	STX - M-3	N	540,000 \$	99,900.00 \$	0.1850 \$	99,900.00 \$	Virginia Power	
	TETCO	WLA - M-3	N	540,000 \$	78,840.00 \$	0.1460 \$	78,840.00 \$	Virginia Power	
			2,430,910			759,853.09			



Philadelphia Gas Works  
Pennsylvania Public Utilities Commission  
52 Pa. Code §53.61, et seq.  
For the Twelve Months Ending December 31, 2009

M / Y R	PIPELINE	PATH	RECALL STATUS	MONTHLY VOLUME DTH	TOTAL MONTHLY CREDIT	CREDIT DTH	TOTAL GCR CREDIT	REPLACEMENT SHIPPER
	TRANSCO	3-6	N	300,000	\$ 45,600.00	0.1520	\$ 45,600.00	Virginia Power
	TRANSCO	3-6	N	300,000	\$ 24,930.00	0.0831	\$ 24,930.00	Conoco Phillips
	TRANSCO	3-6	N	300,000	\$ 21,210.00	0.0707	\$ 21,210.00	New Jersey Resources
	TRANSCO	3-6	N	300,000	\$ 18,300.00	0.0610	\$ 18,300.00	Conoco Phillips
	TRANSCO	3-6	N	300,000	\$ 12,330.00	0.0411	\$ 12,330.00	Conoco Phillips
	TRANSCO	3-6	N	82,140	\$ 35,761.50	0.4354	\$ 35,761.50	UGI
	TRANSCO	3-6	N	43,320	\$ 18,860.10	0.4354	\$ 18,860.10	Hess
	TRANSCO	3-6	N	150,000	\$ 42,300.00	0.2820	\$ 42,300.00	Virginia Power
	TRANSCO	3-6	N	300,000	\$ 144,075.00	0.4803	\$ 144,075.00	Hess
	TRANSCO	3-6	N	300,000	\$ 195,000.00	0.6500	\$ 195,000.00	Sequent
	TRANSCO	3-6	N	300,000	\$ 83,640.00	0.2788	\$ 83,640.00	Shell
	TRANSCO	3-6	N	300,000	\$ 105,600.00	0.3520	\$ 105,600.00	Virginia Power
	TRANSCO	3-6	N	300,000	\$ 9,000.00	0.0300	\$ 9,000.00	Conoco Phillips
	TRANSCO	3-6	N	70,000	\$ 5,600.00	0.0800	\$ 5,600.00	Iberdrola
				3,345,460	\$	\$	\$ 762,206.60	
July-09	TETCO	ELA - M-3	N	155,000	\$ 42,749.00	0.2758	\$ 42,749.00	Shell
	TETCO	STX - M-3	N	93,000	\$ 50,415.30	0.5421	\$ 50,415.30	Sequent
	TETCO	ELA - M-3	N	93,000	\$ 18,302.40	0.1968	\$ 18,302.40	Shell
	TETCO	ELA - M-3	N	44,733	\$ 27,537.64	0.6156	\$ 27,537.64	Hess
	TETCO	WLA - M-3	N	86,273	\$ 53,109.66	0.6156	\$ 53,109.66	UGI
	TETCO	WLA - M-3	N	75,000	\$ 3,750.00	0.0500	\$ 3,750.00	Colonial
	TETCO	WLA - M-3	N	558,000	\$ 147,706.03	0.2647	\$ 147,706.03	Grays Ferry
	TETCO	WLA - M-3	N	558,000	\$ 147,706.03	0.2647	\$ 147,706.03	Grays Ferry
	TETCO	WLA - M-4	N	738,482	\$ 365,865.05	0.4954	\$ 365,865.05	PPL
	TETCO	WLA - M-5	N	155,000	\$ 14,207.30	0.0917	\$ 14,207.30	Colonial
	TETCO	WLA - M-5	N	248,000	\$ 153,760.00	0.6200	\$ 153,760.00	Virginia Power
				2,804,488	\$	\$	\$ 871,348.41	
	TRANSCO	3-6	N	310,000	\$ 47,120.00	0.1520	\$ 47,120.00	Virginia Power
	TRANSCO	3-6	N	310,000	\$ 25,761.00	0.0831	\$ 25,761.00	Conoco Phillips
	TRANSCO	3-6	N	310,000	\$ 21,917.00	0.0707	\$ 21,917.00	New Jersey Resources
	TRANSCO	3-6	N	310,000	\$ 18,910.00	0.0610	\$ 18,910.00	Conoco Phillips
	TRANSCO	3-6	N	310,000	\$ 12,741.00	0.0411	\$ 12,741.00	Conoco Phillips
	TRANSCO	3-6	N	44,764	\$ 19,488.77	0.4354	\$ 19,488.77	Hess
	TRANSCO	3-6	N	86,304	\$ 37,574.17	0.4354	\$ 37,574.17	UGI
	TRANSCO	3-6	N	155,000	\$ 43,710.00	0.2820	\$ 43,710.00	Virginia Power
	TRANSCO	3-6	N	310,000	\$ 148,877.50	0.4803	\$ 148,877.50	Hess
	TRANSCO	3-6	N	310,000	\$ 201,500.00	0.6500	\$ 201,500.00	Sequent
	TRANSCO	3-6	N	310,000	\$ 86,428.00	0.2788	\$ 86,428.00	Shell
	TRANSCO	3-6	N	310,000	\$ 109,120.00	0.3520	\$ 109,120.00	Virginia Power
	TRANSCO	3-6	N	310,000	\$ 9,300.00	0.0300	\$ 9,300.00	Conoco Phillips
	TRANSCO	3-6	N	75,000	\$ 1,614.00	0.0215	\$ 1,614.00	New Jersey Resources
				3,461,068	\$	\$	\$ 784,061.44	

M/YR	PIPELINE	PATH	RECALL STATUS	MONTHLY VOLUME DTH	TOTAL MONTHLY CREDIT	CREDIT DTH	TOTAL GCR CREDIT	REPLACEMENT SHIPPER	
August-09	TETCO	ELA - M-3	N	155,000 \$	42,749.00 \$	0.2758 \$	42,749.00 \$	Shell	
	TETCO	STX - M-3	N	93,000 \$	50,415.30 \$	0.5421 \$	50,415.30 \$	Sequent	
	TETCO	STX - M-3	N	93,000 \$	18,302.40 \$	0.1968 \$	18,302.40 \$	Shell	
	TETCO	ELA - M-3	N	86,676 \$	53,337.73 \$	0.6156 \$	53,337.73 \$	UGI	
	TETCO	WLA - M-3	N	44,733 \$	27,520.98 \$	0.6152 \$	27,520.98 \$	Hess	
	TETCO	STX - M-3	N	85,000 \$	1,785.00 \$	0.0210 \$	1,785.00 \$	Virginia Power	
	TETCO	ELA - M-3	N	738,482 \$	356,876.08 \$	0.4833 \$	356,876.08 \$	PPL	
	TETCO	ELA - M-3	N	284,146 \$	14,207.30 \$	0.0500 \$	14,207.30 \$	Colonial	
	TETCO	ELA - M-3	N	248,000 \$	155,694.40 \$	0.6278 \$	155,694.40 \$	Virginia Power	
	TETCO	WLA - M-3	N	538,000 \$	148,981.70 \$	0.2670 \$	148,981.70 \$	Grays Ferry	
	TETCO	WLA - M-3	N	558,000 \$	148,981.70 \$	0.2670 \$	148,981.70 \$	Grays Ferry	
				2,944,037			\$ 1,018,871.59		
		TRANSCO	3-6	N	310,000 \$	47,120.00 \$	0.1520 \$	47,120.00 \$	Virginia Power
		TRANSCO	3-6	N	310,000 \$	25,761.00 \$	0.0831 \$	25,761.00 \$	Conoco Phillips
		TRANSCO	3-6	N	310,000 \$	21,917.00 \$	0.0707 \$	21,917.00 \$	New Jersey Resources
		TRANSCO	3-6	N	310,000 \$	18,910.00 \$	0.0610 \$	18,910.00 \$	Conoco Phillips
		TRANSCO	3-6	N	310,000 \$	12,741.00 \$	0.0411 \$	12,741.00 \$	Conoco Phillips
TRANSCO		3-6	N	44,733 \$	21,483.00 \$	0.4802 \$	21,483.00 \$	Hess	
TRANSCO		3-6	N	86,707 \$	37,749.63 \$	0.4354 \$	37,749.63 \$	UGI	
TRANSCO		3-6	N	155,000 \$	43,710.00 \$	0.2820 \$	43,710.00 \$	Virginia Power	
TRANSCO		3-6	N	310,000 \$	148,877.50 \$	0.4803 \$	148,877.50 \$	Hess	
TRANSCO		3-6	N	310,000 \$	201,500.00 \$	0.6500 \$	201,500.00 \$	Sequent	
TRANSCO		3-6	N	310,000 \$	86,428.00 \$	0.2788 \$	86,428.00 \$	Shell	
TRANSCO		3-6	N	310,000 \$	109,120.00 \$	0.3520 \$	109,120.00 \$	Virginia Power	
TRANSCO		3-6	N	310,000 \$	9,300.00 \$	0.0300 \$	9,300.00 \$	Conoco Phillips	
TRANSCO		3-6	N	85,000 \$	2,550.00 \$	0.0300 \$	2,550.00 \$	Virginia Power	
				3,471,440			\$ 787,167.13		
September-09		TETCO	ELA - M-3	N	90,000 \$	48,789.00 \$	0.5421 \$	48,789.00 \$	Sequent
		TETCO	ELA - M-3	N	85,470 \$	52,914.48 \$	0.6191 \$	52,914.48 \$	UGI
	TETCO	ELA - M-3	N	43,260 \$	26,784.62 \$	0.6192 \$	26,784.62 \$	Hess	
	TETCO	STX - M-3	N	150,000 \$	7,950.00 \$	0.0530 \$	7,950.00 \$	JLA	
	TETCO	STX - M-3	N	714,660 \$	4,950.00 \$	0.0330 \$	4,950.00 \$	JLA	
	TETCO	ELA - M-3	N	240,000 \$	328,743.60 \$	0.4600 \$	328,743.60 \$	JP Morgan	
	TETCO	WLA - M-3	N	540,000 \$	54,720.00 \$	0.2280 \$	54,720.00 \$	PPL	
	TETCO	WLA - M-3	N	540,000 \$	144,175.84 \$	0.2670 \$	144,175.84 \$	Grays Ferry	
				2,553,390			\$ 144,175.84		
							\$ 813,203.38		
		TRANSCO	3-6	N	300,000 \$	12,690.00 \$	0.0423 \$	12,690.00 \$	Iberdrola
		TRANSCO	3-6	N	300,000 \$	12,390.00 \$	0.0413 \$	12,390.00 \$	National Energy
		TRANSCO	3-6	N	300,000 \$	4,170.00 \$	0.0139 \$	4,170.00 \$	Total Gas
		TRANSCO	3-6	N	43,260 \$	18,783.00 \$	0.4342 \$	18,783.00 \$	NJR Energy Services
		TRANSCO	3-6	N	85,500 \$	37,123.20 \$	0.4342 \$	37,123.20 \$	UGI
		TRANSCO	3-6	N	300,000 \$	162,600.00 \$	0.5420 \$	162,600.00 \$	Hess
		TRANSCO	3-6	N	300,000 \$	156,900.00 \$	0.5230 \$	156,900.00 \$	Total Gas
TRANSCO		3-6	N	300,000 \$	32,010.00 \$	0.1067 \$	32,010.00 \$	Total Gas	
TRANSCO		3-6	N	140,000 \$	2,996.00 \$	0.0214 \$	2,996.00 \$	Hess	
				2,068,760			\$ 439,662.20		

Philadelphia Gas Works  
 Pennsylvania Public Utilities Commission  
 52 Pa. Code §53.61, et seq.  
 For the Twelve Months Ending December 31, 2009

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

M/YR	PIPELINE	PATH	RECALL STATUS	MONTHLY VOLUME DTH	TOTAL MONTHLY CREDIT	CREDIT DTH	TOTAL GCR CREDIT	REPLACEMENT SHIPPER	
October-09	TETCO	ELA - M-3	N	99,386 \$	61,529.88 \$	0.6191 \$	61,529.88 \$	UGI	
	TETCO	ELA - M-3	N	155,000 \$	8,215.00 \$	0.0530 \$	8,215.00 \$	JLA Energy	
	TETCO	STX - M-3	N	76,632 \$	47,442.86 \$	0.6191 \$	47,442.86 \$	Hess	
	TETCO	STX - M-3	N	738,482 \$	339,701.72 \$	0.4600 \$	339,701.72 \$	JP Morgan	
	TETCO	STX - M-3	N	248,000 \$	56,544.00 \$	0.2280 \$	56,544.00 \$	PPL	
	TETCO	WLA - M-3	N	558,000 \$	19,530.00 \$	0.0350 \$	19,530.00 \$	Virginia Power	
	TETCO	WLA - M-3	N	558,000 \$	20,088.00 \$	0.0360 \$	20,088.00 \$	Conoco Phillips	
				2,433,300			533,051.46		
		TRANSCO	3-6	N	310,000 \$	13,113.00 \$	0.0423 \$	13,113.00 \$	Total Gas
		TRANSCO	3-6	N	310,000 \$	12,803.00 \$	0.0413 \$	12,803.00 \$	Total Gas
November-09	TETCO	ELA - M-3	N	98,400 \$	60,919.44 \$	0.6191 \$	60,919.44 \$	UGI	
	TETCO	ELA - M-3	N	72,720 \$	45,020.95 \$	0.6191 \$	45,020.95 \$	Hess	
	TETCO	STX - M-3	N	85,000 \$	5,117.00 \$	0.0602 \$	5,117.00 \$	Conoco Phillips	
	TETCO	ELA - M-3	N	714,660 \$	328,743.60 \$	0.4600 \$	328,743.60 \$	JP Morgan	
				970,780			439,800.99		
		TRANSCO	3-6	N	72,750 \$	31,587.30 \$	0.4342 \$	31,587.30 \$	Hess
		TRANSCO	3-6	N	98,430 \$	42,737.10 \$	0.4342 \$	42,737.10 \$	UGI
		TRANSCO	3-6	N	300,000 \$	162,600.00 \$	0.5420 \$	162,600.00 \$	PPL
		TRANSCO	3-6	N	300,000 \$	156,900.00 \$	0.5230 \$	156,900.00 \$	PPL
				85,000 \$	10,370.00 \$	0.1220 \$	10,370.00 \$	Virginia Power	
December-09				856,180			404,194.40		
	TETCO	WLA - M-3	N	75,802 \$	\$46,483.26 \$	0.6132 \$	46,483.26 \$	Hess	
	TETCO	STX - M-3	N	100,750 \$	\$62,374.33 \$	0.6191 \$	62,374.33 \$	UGI	
	TETCO	STX - M-3	N	738,482 \$	\$339,701.72 \$	0.4600 \$	339,701.72 \$	JP Morgan	
				915,034			448,559.31		
		TRANSCO	3-6	N	75,082 \$	32,589.91 \$	0.4342 \$	32,589.91 \$	Hess
		TRANSCO	3-6	N	100,781 \$	43,758.05 \$	0.4342 \$	43,758.05 \$	UGI
		TRANSCO	3-6	N	310,000 \$	168,020.00 \$	0.5420 \$	168,020.00 \$	PPL
		TRANSCO	3-6	N	310,000 \$	162,130.00 \$	0.5230 \$	162,130.00 \$	PPL
				795,863			406,507.96		

**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 2009 - December 2009 (Dth)**

ID#	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MDQ
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1309917	1050554	1118075	461342	774108	883598	812855	820012	791515	732597	318328	730320	50000
3	32040	150021	206436	187709	169372	176922	185287	181230	171838	205874	187429	202768	60000
4	11214	9904	13041	11176	12147	11758	12383	12468	11512	11603	11139	10812	1927
5	115018	100109	108574	83431	93420	87398	83270	86431	90705	96739	96802	95441	12000
6	118281	83160	75262	31786	0	0	0	0	0	21792	46426	96934	784
7	0	59595	21333	12267	3056	0	4195	1943	2117	0	27913	28122	291
8	16330	12360	8140	2230	0	0	0	0	130	2240	5850	14580	302
9	13270	8830	7330	2690	0	0	0	0	100	0	5890	10560	348
10	14632	9495	7508	1752	43	11	43	11	11	790	3396	10979	591
11	30581	22798	22520	11198	62	62	0	0	0	6659	14103	26774	732
12	217968	175918	171049	137824	136747	133340	131012	135933	128012	137702	138002	191024	420
13	15446	11307	7753	3874	2386	4	12	4	5	2450	4864	10878	46
14	17379	11740	8195	2598	0	0	0	0	0	2125	4082	11814	55
15	21051	14097	9857	3934	0	0	0	0	0	1830	4597	14128	55
16	11390	9249	8249	3599	312	0	537	243	279	1621	3692	10552	237
17	29110	25200	27840	27120	33020	32370	33030	32330	32500	34540	32590	34020	703
18	26105	21433	23437	22649	24590	24122	26366	25891	25351	25695	24278	29662	703
19	0	0	0	0	0	0	0	0	0	0	0	4206	48
20	0	0	0	0	0	0	20	0	0	420	5470	20520	81
21	4191	2169	1129	0	0	0	0	0	0	14	532	2816	732
22	31940	23470	19880	7210	0	0	0	0	30	2840	8350	24650	209
23	102681	84873	76792	66604	56448	56825	60432	63329	43410	57653	64303	73669	550
24	27600	15600	12100	4200	0	0	0	0	0	2500	5800	22600	302
25	35273	25979	24055	15161	3748	2729	2602	2578	2810	11839	18626	28956	320
26	8299	6316	5642	4184	1439	0	0	0	0	9240	5844	8730	480
27	57530	43770	42100	34410	24850	17020	10260	12480	17810	26270	29920	44140	240
28	22401	16980	14299	7928	3818	2940	2735	3068	2977	7311	10979	20599	9374
29	21080	16970	15530	6620	0	0	0	0	0	6810	12460	18810	377
30	23906	15601	12163	6912	6982	6369	5963	5282	4619	7149	7583	15539	100
31	37380	30513	33514	19918	8298	6088	4496	3685	4592	14076	25717	39121	782
32	35532	28035	26027	15069	5436	4432	3653	3877	4721	14877	20538	32083	782
33	40595	33599	26796	17045	7070	4272	3354	3065	5906	15988	24778	35607	782
34	39185	26785	24062	14867	5543	3973	3289	2905	3375	10627	13969	25344	782
35	17039	12141	6173	670	0	0	9	13	0	676	2576	12368	235
36	70798	52065	43233	21627	3674	1986	1185	1121	1218	13126	28761	56134	490
37	0	3297	2457	1388	890	743	646	586	581	1205	2171	3892	64
38	0	3362	3004	1747	586	532	813	782	841	1264	2580	4174	64
39	0	3214	2916	1839	109	466	674	642	752	1310	2147	3863	64
40	0	0	5325	1425	852	787	696	684	714	1233	1817	3265	64
41	7230	5400	6720	6860	7640	10420	4560	9370	9960	11480	8860	8830	313
42	13260	9757	7478	2488	0	0	0	0	24	0	3983	10672	149
43	77756	50735	34600	12238	0	0	0	0	13	2263	14903	58621	90
44	0	0	0	0	0	0	0	0	0	0	0	26400	269
45	65610	53000	52980	56790	77480	102590	97320	101620	103750	103990	97630	84620	171
46	25879	26449	29490	26882	27065	28298	29882	29142	26547	30348	29147	28215	707
47	65896	52973	35778	14845	0	0	0	0	0	0	23389	44856	192
48	18054	12565	11978	5315	165	0	0	0	0	2780	5901	12942	111
49	9053	6561	4874	2398	761	1337	1372	1640	2549	3569	4595	5822	183
50	18234	12989	9640	4331	131	0	0	0	24	3495	8921	15945	72
51	65420	54470	56769	50899	42498	35470	31267	28940	29870	41439	45685	62141	408
52	6779	5062	4430	2270	431	0	0	0	119	0	5113	5714	120
53	0	0	0	0	0	0	0	0	0	0	0	2538	41
54	125000	121000	118500	85300	51400	57900	71500	75700	104800	115400	85300	140100	3300
55	456733	354032	348676	274227	292304	233120	181167	132025	99622	143943	188263	310380	1300
56	20590	14850	9240	4040	380	20	10	40	250	0	6340	17460	384
57	12079	10307	10373	8347	6315	6785	6306	5822	5485	5011	5014	8735	281
58	47666	31990	25729	10378	2432	1457	494	0	12	3889	9235	35843	720
59	18100	12070	12320	7110	1670	60	0	0	310	5360	9710	14850	0
60	21552	15895	13905	8439	223	0	1	0	0	7221	11781	17795	222
61	10410	0	2572	736	385	87	0	0	0	500	913	1879	346
62	34412	24597	20487	10123	4780	2236	1942	1901	2049	8489	16483	29779	432
63	8901	8070	8875	9005	6665	6973	5838	6435	6477	7744	7350	9115	30
64	35830	34120	35120	22150	18930	20190	19460	18080	20540	0	60840	35670	418
65	4951	4635	5171	4704	4672	4593	4456	5293	5177	6439	5826	5759	513
66	8208	5799	3977	1578	154	0	8	0	0	0	3868	6240	223
67	16658	10687	7795	4568	2218	81	245	235	614	3045	3442	11879	257
68	77700	58640	48970	26370	8060	7570	7370	7750	8630	24780	34740	62520	1833
69	20168	13539	13544	7976	5424	4786	3797	3426	4291	8118	10175	19084	278
70	5173	3569	2851	1211	27	0	0	0	0	0	2215	4032	269
71	85200	64600	58800	36400	26600	25400	26200	24800	22000	29000	33600	31800	120
72	20245	11916	8839	3125	420	1	14	7	288	0	5746	16150	285
73	26010	21586	22056	15759	15269	15505	13028	15017	14990	18934	15251	19319	42
74	45340	43410	47280	42270	38070	42700	42460	34510	34180	37600	38820	38240	1465
75	14292	10645	8194	4038	650	0	9	0	32	2930	5264	12069	0
76	63530	47160	35770	11630	10	0	0	0	0	9650	26190	52360	432

ID#	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MDQ
77	11749	8970	7088	4004	2749	2803	1276	3317	4088	4016	5259	6998	50
78	14537	11074	8708	4754	3237	3495	0	5560	5034	4806	6438	8633	50
79	35360	24030	24360	24240	26080	22480	26170	18240	15430	0	36430	15610	141
80	59601	43378	40705	22170	9177	8554	7657	7091	8971	18635	26933	46699	417
81	19270	11790	8070	3030	0	10	0	0	0	0	8750	16890	389
82	29030	22350	20180	9730	0	0	0	0	0	0	26390	26290	556
83	10775	8785	6657	5267	3575	3179	2766	2303	2403	2373	3045	7809	844
84	36689	24999	21263	14287	14140	14501	15881	16818	18492	16912	14943	30569	844
85	9537	7215	6704	2392	0	0	0	0	42	0	2876	7729	136
86	8101	4738	2481	2049	1556	806	506	597	777	0	2941	3964	240
87	24463	17226	15862	6618	3504	2891	190	127	163	0	11969	16177	938
88	16373	11597	9961	5522	1318	113	3	7	115	0	6357	5438	339
89	39966	29765	21952	4715	0	0	0	0	0	0	9840	23948	429
90	25162	18184	15202	6617	0	0	0	0	0	3533	9433	16753	732
91	25507	17146	12849	4647	395	0	0	0	157	0	10079	18162	201
92	0	0	0	0	0	401	662	616	705	1281	1680	2926	36
93	82700	68000	58800	39400	27200	23900	26400	25400	26400	0	88900	72200	994
94	0	0	0	0	0	0	0	0	0	1030	2190	12340	469
95	16720	10330	7720	2930	0	0	0	0	30	0	7730	11890	302
96	19693	15152	13939	5671	0	0	0	0	0	3200	8561	17057	26
97	79900	67100	56800	24700	2500	2000	600	10900	2500	21100	48600	69500	464
98	9690	7206	0	6822	0	0	0	0	3	2378	5083	7785	115
99	55640	62240	63590	52150	21990	15370	15100	14320	19170	34140	37880	56640	720
100	0	0	0	0	0	0	0	0	0	0	18680	19339	60
101	68800	49400	36500	7800	0	0	0	0	0	0	22900	51200	698
102	23364	20977	23218	21371	20748	17525	19213	17109	22275	29239	31493	32420	200
103	47637	45600	52238	44914	41931	32025	30350	27555	28943	36509	39622	49376	200
104	25523	12993	4793	0	0	0	0	0	0	4	107	14747	368
105	76190	53200	52230	10350	20870	17400	28920	30850	29870	54160	41040	63090	419
106	10577	8029	7122	4720	3274	3026	2963	2939	3170	4052	4982	8232	133
107	2269	4746	8387	10044	12448	11649	7035	7695	7464	8043	9889	9545	12520
108	30870	23720	21380	9570	0	0	0	0	0	5780	13020	25180	354
109	20558	15314	11959	5115	0	0	0	0	3	4905	7537	16517	152
110	47800	32200	18900	2600	0	0	0	0	100	0	353500	777000	1222
111	13939	7091	6409	2479	0	0	0	9	40	0	5490	11009	180
112	0	0	0	0	0	0	0	0	0	3140	4780	13450	314
113	114800	86100	68100	37200	14700	12800	100	0	100	37800	50200	91900	2191
114	44020	31260	29200	19470	5050	4610	3770	3700	4110	16670	19050	32190	565
115	14679	11830	10402	5967	2173	1864	1666	1596	2090	5848	8529	12582	153
116	41491	32735	28518	14376	3981	2962	2700	2658	3504	11883	18527	31914	392
117	7656	5504	4191	1534	0	0	0	0	1	0	2773	6086	139
118	0	0	0	2750	0	0	0	10	0	1810	4080	11130	272
119	14445	9141	8406	3350	507	0	0	0	0	2171	4715	11653	224
120	0	0	0	8741	0	4754	1550	1372	1997	3584	4044	5229	224
121	0	0	0	0	0	0	0	0	0	0	3175	4812	31
122	5589	4486	4022	1811	906	672	544	717	905	2138	3453	5517	130
123	12228	8464	7237	4081	0	0	89	10	39	2940	4637	9838	241
124	30027	22447	23184	29470	34653	44335	55962	64870	39464	37119	36326	25973	628
125	0	0	0	0	4188	3712	3381	3092	4002	6917	7269	16306	162
126	0	0	0	0	2715	2603	0	0	0	10757	3096	4522	65
127	40546	30204	26292	14797	5854	6066	5376	4639	5455	9328	12730	26623	676
128	10850	9357	10184	8455	5528	5639	5008	4851	4544	0	10992	8832	114
129	16226	12372	11033	7032	9412	13067	17860	18212	14451	5780	7474	11992	296
130	32798	23144	21349	10669	4859	5158	3343	2072	2136	4539	6536	29530	703
131	47803	27764	21607	3737	0	0	0	0	0	3056	8440	39181	733
132	13370	55930	264860	212300	194760	197520	183260	214750	196240	150740	205960	210694	1500
133	26526	19437	20959	10201	3374	5737	7588	8838	5101	0	22493	24220	373
134	0	0	0	0	0	0	0	0	0	1540	3050	10150	340
135	95300	80800	82700	68100	51200	45800	46600	43700	48500	63700	73500	88700	1461
136	110900	94600	98400	81100	60000	53300	54100	51000	57600	74400	85700	103200	1461
137	31320	24725	23178	18999	15567	16933	15072	14567	10102	11454	11173	13912	1362
138	0	0	10057	8001	2877	1714	1410	1103	2378	5572	6536	11158	204
139	5311	4341	5160	5568	6004	5518	0	9609	5571	6014	4671	4064	78
140	7070	5460	3390	1200	0	0	0	0	0	0	2750	6180	312
141	20570	14180	13450	6350	80	0	10	0	30	0	12850	15460	454
142	102777	90187	74661	36120	34964	28859	29687	25735	30716	36368	34036	91692	1464
143	0	0	511219	243640	138607	137965	133917	92035	144442	171150	125387	115032	1380
144	72430	55400	51950	37090	24180	18240	16820	16370	22030	36870	43090	60540	336
145	0	4262	3197	1473	473	283	269	354	934	1282	2070	5614	215
146	0	3987	3030	1744	450	0	16	387	973	1921	2378	3565	215
147	6860	7382	5516	3682	1425	515	511	738	1743	3276	4458	7121	8
148	16739	12213	11229	5920	3761	2519	1395	1607	2593	5822	9006	16261	60
149	6865	5684	4366	2871	1733	0	0	4425	2635	0	4085	8907	336
150	41777	32417	23923	8104	0	2918	14348	17473	19926	28999	39566	65954	300
151	11575	7510	5484	2298	80	0	0	0	173	0	5187	9205	228
152	0	8227	7054	2955	65	0	0	0	0	3017	5341	9289	72
153	14950	12580	11290	8250	1900	1500	1410	1320	1640	5580	8590	12300	523
154	10480	6550	4360	1910	60	0	0	0	100	0	3670	9780	403
155	97747	81679	83018	65343	61862	65209	63335	62130	66147	80072	74716	90918	407

ID#	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MDQ
156	12999	9857	8071	4218	8752	0	22863	13638	9727	7071	6934	10278	103
157	106900	81900	73100	63700	46500	42900	43000	36600	47300	65500	71000	92500	1046
158	25681	18987	21311	14508	9367	7188	11595	5948	11257	21202	24333	33531	172
159	46400	35200	17300	5400	0	0	0	0	0	0	16600	40200	1032
160	14680	12500	7310	2490	0	0	0	0	0	0	5640	12380	311
161	11340	8290	5020	1280	0	0	0	0	0	0	6060	8810	340
162	15630	13148	15488	13417	11036	14435	13330	14303	14440	13696	12215	12673	235
163	78994	62002	57794	39794	30972	29096	29104	28018	26914	36043	43958	66726	907
164	24440	23860	22670	17280	11170	9710	10860	10490	13230	0	40000	21220	178
165	0	0	0	17782	21357	20219	21183	19670	21478	21277	18960	20768	495
166	812	619	527	301	121	106	93	87	100	236	365	48955	31
167	0	0	0	0	1112	1877	1473	1498	1401	2814	3821	6946	156
168	0	0	0	0	0	0	0	0	0	0	1394	2650	81
169	37280	26290	20020	5360	0	0	0	0	0	3790	8070	25540	302
170	10385	6546	4767	1657	0	0	0	0	0	1030	2482	8968	209
171	0	0	0	1460	0	0	0	30	0	1470	5140	16650	370
172	218861	142923	1235	57468	720	624	308	102	0	84238	180113	1225	
173	75505	55737	54841	40647	35447	34166	35238	32624	37589	0	114127	69035	267
174	42780	42830	45380	36110	23370	34480	34560	33160	33090	32660	38120	45630	748
175	8390	6160	5990	1890	0	0	0	0	0	2260	4050	6900	202
176	0	0	246336	21263	0	0	0	0	27	15961	27664	48284	859
177	4000	344400	381500	411200	463200	400400	384000	432300	441900	491500	438000	362400	3432
178	49748	27666	22502	7047	0	13	0	0	13	0	17986	42230	934
179	0	0	0	0	0	0	0	0	0	0	0	3103	48
180	0	0	75783	11315	0	0	0	0	0	0	28593	29388	31
181	24996	19262	17116	9289	3619	1178	63	189	139	7252	14932	23418	336
182	58480	43620	23440	15900	2440	2040	1620	1500	2120	2840	5820	48000	1046
183	57170	46330	44750	28730	15040	6690	0	8360	9700	13040	17800	29880	624
184	0	103430	9720	2170	2740	7370	13580	3990	4340	14780	17320	30300	622
185	62574	50510	44581	31013	21735	50067	70347	81966	48180	15578	24349	41199	732
186	17427	13576	10655	6121	850	0	0	0	0	4199	7349	15067	89
187	40605	30575	27205	16110	4115	0	0	0	0	15014	18850	33150	240
188	9731	8198	6652	2305	0	0	8	0	0	1903	5823	13315	98
189	95430	83600	90820	93530	80960	86630	68341	81744	72962	81955	84257	78619	1151
190	105700	84800	77300	44800	38000	40400	27200	26500	22800	28000	20300	67600	1400
191	0	0	22040	6655	0	0	0	0	0	6601	19054	30984	522
192	17322	17548	19307	13164	15989	16133	14140	16581	15020	0	32432	15899	305
193	40960	31890	25480	10010	0	0	0	50	0	7030	18440	36400	185
194	57586	38538	35931	33256	40412	49117	58767	76668	46760	0	75935	46248	456
195	32061	23801	16949	6616	0	0	0	0	0	0	1850	18480	170
196	11101	8306	6531	3707	2480	2297	2086	1476	1442	1634	4723	10134	251
197	45326	36312	31773	20185	15539	13553	12293	9751	10979	20078	30449	44589	504
198	66600	53000	52800	35200	48500	67900	92700	97400	53300	34700	36900	46500	302
199	119948	98858	91762	49021	13390	14394	14448	11703	12654	33381	74569	112088	518
200	12967	9621	9813	7552	6059	5480	5226	5381	5667	7430	7679	11435	269
201	163500	137600	136700	53600	0	0	0	0	0	32800	90700	156100	0
202	234000	196000	189800	0	73200	0	0	0	0	43200	120300	212100	0
203	0	29883	17724	16369	14137	17394	14270	13972	19278	0	33516	14369	168
204	0	0	4130	3422	2484	3225	2855	2083	2969	2372	2972	3699	126
205	0	0	0	0	0	1	12	0	0	1	463	875	522
206	0	0	0	0	0	1	8	0	0	0	476	834	5475
207	5150	3876	3705	1261	0	0	0	0	10	1369	2309	4169	120
208	10314	8222	6825	2847	96	0	0	1	14	2714	3364	7373	120
209	54130	47990	40530	26800	9660	8390	6940	5690	5480	19220	32490	44460	958
210	0	0	0	85500	37230	0	0	0	0	75100	105930	139560	2191
211	0	0	0	44589	13658	0	0	0	0	25709	44857	70164	1565
212	0	15766	6691	5893	4448	3486	3218	3252	3988	5500	6173	7048	144
213	42540	30210	24980	15440	5830	0	0	6125	9551	0	30211	33311	500
214	37380	26750	22410	11580	5460	0	0	5219	8249	0	25980	29273	500
215	11042	6544	5656	2596	0	0	0	0	6	0	3904	7614	295
216	7600	3930	2490	700	1930	4780	5040	7800	17820	0	20280	64590	302
217	96400	73700	66800	46800	42500	38700	37100	34300	37900	43300	39800	67900	946
218	0	99264	51847	48132	49882	42748	29241	31660	39669	45701	48939	47269	503
219	23490	17600	15710	8920	3340	3850	0	0	0	5780	10760	18840	180
220	0	0	0	0	0	1071	243	0	0	469	3062	5555	54
221	10860	6230	5290	1480	0	0	0	0	0	0	3700	8400	277
222	2463	0	1	657	1009	0	3052	928	879	1535	2246	5269	402
223	2173	0	1	671	705	0	931	718	1030	1542	2241	5380	402
224	33470	25170	22190	13830	8120	6680	6080	6050	6380	10890	15310	26340	403
225	19343	14029	11693	6774	2975	1021	10	591	925	6237	7635	14863	131
226	47920	22050	27190	14960	3000	2740	2400	2310	2590	14110	19200	38670	496
227	33200	26480	21090	10430	5750	4890	4570	4130	5320	9320	14600	31210	549
228	26500	0	5800	66600	36100	41500	69400	79200	130000	150800	61500	29900	750
229	23932	18243	16137	7851	779	0	0	0	0	4305	9766	18141	324
230	172100	150700	168800	143900	109300	64600	64100	69500	54500	55000	52800	92300	900
231	14097	9077	7018	2561	35	0	0	0	182	1266	2154	9093	173
232	0	0	0	0	0	0	0	0	0	0	3830	3019	74
233	0	0	0	0	0	0	0	0	0	0	1560	1393	73
234	88813	69942	63670	40822	25621	17170	10315	9848	22427	36349	45686	65603	400

ID#	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MDQ
235	0	0	0	0	0	0	0	0	0	0	4121	9642	235
236	6177	3214	2427	516	0	0	1	0	25	0	1707	3952	168
237	0	0	0	0	0	0	0	0	0	1468	3164	5832	281
238	39620	24620	14660	3750	0	10	0	0	10	0	17280	34180	244
239	32710	20780	11960	5390	10	0	0	0	0	0	8410	20820	424
240	79120	57870	30770	13060	10	0	10	0	0	0	18390	47300	424
241	12356	8045	6289	1274	0	0	0	0	0	0	4260	11766	115
242	5373	3735	3279	1641	0	0	0	0	17	0	2226	3784	149
243	14612	12193	6954	2672	0	0	0	0	0	0	6344	13771	432
244	40900	31400	20200	6200	0	0	0	0	0	0	15300	34800	958
245	0	0	0	0	0	0	0	0	0	0	10381	22614	351
246	0	0	0	0	0	0	0	0	0	4018	8086	12558	200
247	15010	9710	7710	2870	0	0	0	0	0	0	4310	7010	240
248	12454	9017	6669	2164	165	0	0	0	14	0	4663	10280	260
249	8808	6447	5698	3345	1483	693	316	511	695	2923	4127	7005	424
250	8107	6217	5338	3071	1158	536	465	423	537	2530	3878	7022	424
251	20631	14551	11857	6284	3003	2583	2215	2172	2602	6711	11922	16237	424
252	25698	18903	16545	11168	7962	6485	5731	5445	6279	8049	7711	21351	424
253	7555	5555	4243	3885	609	622	553	529	560	2580	5734	6297	140
254	17830	13938	12030	7299	1937	1707	1615	1662	1947	6988	9601	15293	140
255	69253	49318	43279	18641	6501	6028	5786	4860	5607	23628	34947	60185	522
256	0	0	0	0	0	0	0	0	0	0	7380	27159	301
257	97066	66449	55178	27579	10296	6900	6166	5348	6947	24805	35772	77090	173
258	0	0	6290	4460	320	0	0	0	0	0	9870	15800	554
259	38064	23389	19288	4902	0	0	0	0	0	0	15347	25899	907
260	20120	14090	11660	6300	940	910	700	450	960	0	10920	14750	302
261	58173	46421	41623	32700	30768	27246	27655	22784	25688	32682	32050	52057	240
262	52332	40050	38555	30438	25098	22428	22321	22428	23603	27234	29477	41972	123
263	0	0	0	2354	0	0	0	0	0	1059	3201	4960	75
264	0	0	0	152	0	0	0	0	0	1239	3077	6009	83
265	12304	9567	8055	4057	755	0	0	0	0	5080	6801	10790	163
266	18200	13990	13520	8610	5710	3230	2990	2890	3710	7220	8630	15680	266
267	0	0	0	1676	0	0	0	0	16	2417	6265	14632	186
268	18620	14110	13020	8620	3670	3280	880	160	20	0	12600	15900	419
269	0	0	0	0	0	0	0	0	185870	14298	14699	17566	312
270	0	0	0	0	0	0	0	0	0	1400	5271	9098	54
271	17350	11460	8530	2640	0	0	0	0	60	0	7490	15710	383
272	135000	120500	129700	109000	92800	84200	83800	79800	89100	106100	103500	123100	2041
273	0	4600	279200	216400	170600	143000	138300	127100	154500	220400	249900	371700	5500
274	0	0	0	0	0	0	508600	138300	185600	420700	530200	756300	11586
275	0	0	0	0	0	34700	45800	51400	6100	6800	8000	15600	4372
276	0	0	0	0	0	12700	16700	18000	2200	2400	3000	6000	4372
277	100	4800	301200	232200	183100	153500	148500	136600	165800	237300	269500	401800	5500
278	64100	46600	46100	33600	25200	19200	16900	18200	25700	32500	44600	71900	1222
279	54890	45490	41210	38730	29350	24230	23910	22110	26520	33570	38580	50420	432
280	8004	9185	10930	9155	8465	9366	9523	10436	12153	0	23515	9730	141
281	84030	66070	64025	44713	31024	25072	21334	21788	31183	49564	50563	77032	576
282	59045	44752	38239	19605	7130	5951	4948	5102	6876	16475	23969	47044	648
283	6940	6629	6203	3611	5143	5974	5873	4125	4896	4766	2124	1457	95
284	71851	52342	48940	40023	32913	27557	27034	25026	29445	34667	39929	54537	500
285	4591	3251	2299	658	0	0	0	0	4	0	1567	4516	1206
286	38600	34200	33600	14900	0	0	0	0	0	11500	27200	39000	547
287	15330	10340	940	0	11940	0	0	0	0	2770	5170	11770	144
288	25460	20240	18290	10650	6000	4980	4590	4770	5080	0	22620	21400	313
289	26049	20217	16949	9174	2777	2435	2307	2264	2681	8619	10114	19587	360
290	62927	45091	36002	24724	5853	5671	5105	5415	4902	21937	28409	48519	479
291	0	2676	1913	1113	67	0	1	0	0	506	1353	3978	85
292	0	18749	6428	4	0	0	0	0	0	3162	7954	11195	169
293	62799	46865	43116	28119	21022	20085	18746	21290	23031	31065	35885	46731	144
294	36729	22803	17943	10926	2250	0	0	0	268	6106	11060	24785	576
295	4610	2042	2006	1624	0	6	0	0	4	297	1241	478	340
296	29198	24604	21705	8818	0	0	0	0	0	9304	19001	26122	100
297	0	0	0	2780	0	0	0	0	40	880	2950	10320	383
298	10372	11823	8526	5002	1635	466	819	551	1177	1622	4122	10648	449
299	7305	4988	3400	1263	1	0	0	0	0	246	1046	4393	82
300	12572	9013	6626	2764	520	4208	4465	6200	5925	0	5400	8188	599
301	11346	8183	0	8501	476	3682	3897	5422	5319	0	4818	7337	599
302	0	0	0	0	0	0	0	0	0	0	57414	34836	1080
303	34450	0	0	0	0	0	0	155280	10168	0	30046	27193	1080
304	46244	38128	19438	4486	0	0	0	0	320	0	47419	25739	925
305	9152	6007	4464	1252	0	0	0	0	8	935	1912	6406	164
306	26357	13187	10734	6464	2454	2155	1518	1300	1563	10630	6515	12099	272
307	21390	13550	9990	4680	0	0	0	0	0	4470	6270	16330	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 2009 - December 2009 (Dth)**

ID#	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MDQ
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1309917	1050554	1118075	461342	774108	883598	812855	820012	791515	732597	318328	730320	50000
3	32040	150021	206436	187709	169372	176922	185287	181230	171838	205874	187429	202768	60000
4	11214	9904	13041	11176	12147	11758	12383	12468	11512	11603	11139	10812	1927
5	115018	100109	108574	83431	93420	87398	83270	86431	90705	96739	96802	95441	12000
6	118281	83160	75262	31786	0	0	0	0	0	21792	46426	96934	784
7	0	59595	21333	12267	3056	0	4195	1943	2117	0	27913	28122	291
8	16330	12360	8140	2230	0	0	0	0	130	2240	5850	14580	302
9	13270	8830	7330	2690	0	0	0	0	100	0	5890	10560	348
10	14632	9495	7508	1752	43	11	43	11	11	790	3396	10979	591
11	30581	22798	22520	11198	62	62	0	0	0	6659	14103	26774	732
12	217968	175918	171049	137824	136747	133340	131012	135933	128012	137702	138002	191024	420
13	15446	11307	7753	3874	2386	4	12	4	5	2450	4864	10878	46
14	17379	11740	8195	2598	0	0	0	0	0	2125	4082	11814	55
15	21051	14097	9857	3934	0	0	0	0	0	1830	4597	14128	55
16	11390	9249	8249	3599	312	0	537	243	279	1621	3692	10552	237
17	29110	25200	27840	27120	33020	32370	33030	32330	32500	34540	32590	34020	703
18	26105	21433	23437	22649	24590	24122	26366	25891	25351	25695	24278	29662	703
19	0	0	0	0	0	0	0	0	0	0	0	0	4206
20	0	0	0	0	0	0	20	0	0	420	5470	20520	81
21	4191	2169	1129	0	0	0	0	0	0	14	532	2816	732
22	31940	23470	19880	7210	0	0	0	0	0	30	2840	8350	24650
23	102681	84873	76792	66604	56448	56825	60432	63329	43410	57653	64303	73669	550
24	27600	15600	12100	4200	0	0	0	0	0	2500	5800	22600	302
25	35273	25979	24055	15161	3748	2729	2602	2578	2810	11839	18626	28956	320
26	8299	6316	5642	4184	1439	0	0	0	0	9240	5844	8730	480
27	57530	43770	42100	34410	24850	17020	10260	12480	17810	26270	29920	44140	240
28	22401	16980	14299	7928	3818	2940	2735	3068	2977	7311	10979	20599	9374
29	21080	16970	15530	6620	0	0	0	0	0	6810	12460	18810	377
30	23906	15601	12163	6912	6982	6369	5963	5282	4619	7149	7583	15539	100
31	37380	30513	33514	19918	8298	6088	4496	3685	4592	14076	25717	39121	782
32	35532	28035	26027	15069	5436	4432	3653	3877	4721	14877	20538	32083	782
33	40595	33599	26796	17045	7070	4272	3354	3065	5906	15988	24778	35607	782
34	39185	26785	24062	14867	5543	3973	3289	2905	3375	10627	13969	25344	782
35	17039	12141	6173	670	0	0	9	13	0	676	2576	12368	235
36	70798	52065	43233	21627	3674	1986	1185	1121	1218	13126	28761	56134	490
37	0	3297	2457	1388	890	743	646	586	581	1205	2171	3892	64
38	0	3362	3004	1747	586	532	813	782	841	1264	2580	4174	64
39	0	3214	2916	1839	109	466	674	642	752	1310	2147	3863	64
40	0	0	5325	1425	852	787	696	684	714	1233	1817	3265	64
41	7230	5400	6720	6860	7640	10420	4560	9370	9960	11480	8860	8830	313
42	13260	9757	7478	2488	0	0	0	0	24	0	3983	10672	149
43	77756	50735	34600	12238	0	0	0	0	13	2263	14903	58621	90
44	0	0	0	0	0	0	0	0	0	0	0	26400	269
45	65610	53000	52980	56790	77480	102590	97320	101620	103750	103990	97630	84620	171
46	25879	26449	29490	26882	27065	28298	29882	29142	26547	30348	29147	28215	707
47	65896	52973	35778	14845	0	0	0	0	0	0	23389	44856	192
48	18054	12565	11978	5315	165	0	0	0	0	2780	5901	12942	111
49	9053	6561	4874	2398	761	1337	1372	1640	2549	3569	4595	5822	183
50	18234	12989	9640	4331	131	0	0	0	24	3495	8921	15945	72
51	65420	54470	56769	50899	42498	35470	31267	28940	29870	41439	45685	62141	408
52	6779	5062	4430	2270	431	0	0	0	119	0	5113	5714	120
53	0	0	0	0	0	0	0	0	0	0	0	2538	41
54	125000	121000	118500	85300	51400	57900	71500	75700	104800	115400	85300	140100	3300
55	456733	354032	348676	274227	292304	233120	181167	132025	99622	143943	188263	310380	1300
56	20590	14850	9240	4040	380	20	10	40	250	0	6340	17460	384
57	12079	10307	10373	8347	6315	6785	6306	5822	5485	5011	5014	8735	281
58	47666	31990	25729	10378	2432	1457	494	0	12	3889	9235	35843	720
59	18100	12070	12320	7110	1670	60	0	0	310	5360	9710	14850	0
60	21552	15895	13905	8439	223	0	1	0	0	7221	11781	17795	222
61	10410	0	2572	736	385	87	0	0	0	500	913	1879	346
62	34412	24597	20487	10123	4780	2236	1942	1901	2049	8489	16483	29779	432
63	8901	8070	8875	9005	6665	6973	5838	6435	6477	7744	7350	9115	30
64	35830	34120	35120	22150	18930	20190	19460	18080	20540	0	60840	35670	418
65	4951	4635	5171	4704	4672	4593	4456	5293	5177	6439	5826	5759	513
66	8208	5799	3977	1578	154	0	8	0	0	0	3868	6240	223
67	16658	10687	7795	4568	2218	81	245	235	614	3045	3442	11879	257
68	77700	58640	48970	26370	8060	7570	7370	7750	8630	24780	34740	62520	1833
69	20168	13539	13544	7976	5424	4786	3797	3426	4291	8118	10175	19084	278
70	5173	3569	2851	1211	27	0	0	0	0	0	2215	4032	269
71	85200	64600	58800	36400	26600	25400	26200	24800	22000	29000	33600	31800	120
72	20245	11916	8839	3125	420	1	14	7	288	0	5746	16150	285
73	26010	21586	22056	15759	15269	15505	13028	15017	14990	18934	15251	19319	42
74	45340	43410	47280	42270	38070	42700	42460	34510	34180	37600	38820	38240	1465
75	14292	10645	8194	4038	650	0	9	0	32	2930	5264	12069	0
76	63530	47160	35770	11630	10	0	0	0	0	9650	26190	52360	432



ID#	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MDQ	
77	11749	8970	7088	4004	2749	2803	1276	3317	4088	4016	5259	6998	50	
78	14537	11074	8708	4754	3237	3495	0	5560	5034	4806	6438	8633	50	
79	35360	24030	24360	24240	26080	22480	26170	18240	15430	0	36430	15610	141	
80	59601	43378	40705	22170	9177	8554	7657	7091	8971	18635	26933	46699	417	
81	19270	11790	8070	3030	0	10	0	0	0	0	8750	16890	389	
82	29030	22350	20180	9730	0	0	0	0	0	0	26390	26290	556	
83	10775	8785	6657	5267	3575	3179	2766	2303	2403	2373	3045	7809	844	
84	36689	24999	21263	14287	14140	14501	15881	16818	18492	16912	14943	30569	844	
85	9537	7215	6704	2392	0	0	0	0	42	0	2876	7729	136	
86	8101	4738	2481	2049	1556	806	506	597	777	0	2941	3964	240	
87	24463	17226	15862	6618	3504	2891	190	127	163	0	11969	16177	938	
88	16373	11597	9961	5522	1318	113	3	7	115	0	6357	5438	339	
89	39966	29765	21952	4715	0	0	0	0	0	0	9840	23948	429	
90	25162	18184	15202	6617	0	0	0	0	0	0	9433	16753	732	
91	25507	17146	12849	4647	395	0	0	0	0	3533	10079	18162	201	
92	0	0	0	0	0	401	662	616	705	1281	1680	2926	36	
93	82700	68000	58800	39400	27200	23900	26400	25400	26400	0	88900	72200	994	
94	0	0	0	0	0	0	0	0	0	1030	2190	12340	469	
95	16720	10330	7720	2930	0	0	0	0	0	30	7730	11890	302	
96	19693	15152	13939	5671	0	0	0	0	0	3200	8561	17057	26	
97	79900	67100	56800	24700	2500	2000	600	10900	2500	21100	48600	69500	464	
98	9690	7206	0	6822	0	0	0	0	3	2378	5083	7785	115	
99	55640	62240	63590	52150	21990	15370	15100	14320	19170	34140	37880	56640	720	
100	0	0	0	0	0	0	0	0	0	0	18680	19339	60	
101	68800	49400	36500	7800	0	0	0	0	0	0	22900	51200	698	
102	23364	20977	23218	21371	20748	17525	19213	17109	22275	29239	31493	32420	200	
103	47637	45600	52238	44914	41931	32025	30350	27555	28943	36509	39622	49376	200	
104	25523	12993	4793	0	0	0	0	0	0	4	107	14747	368	
105	76190	53200	52230	10350	20870	17400	28920	30850	29870	54160	41040	63090	419	
106	10577	8029	7122	4720	3274	3026	2963	2939	3170	4052	4982	8232	133	
107	2269	4746	8387	10044	12448	11649	7035	7695	7464	8043	9889	9545	12520	
108	30870	23720	21380	9570	0	0	0	0	0	5780	13020	25180	354	
109	20558	15314	11959	5115	0	0	0	0	3	4905	7537	16517	152	
110	47800	32200	18900	2600	0	0	0	0	100	0	353500	777000	1222	
111	13939	7091	6409	2479	0	0	0	9	40	0	5490	11009	180	
112	0	0	0	0	0	0	0	0	0	0	3140	4780	13450	314
113	114800	86100	68100	37200	14700	12800	100	0	100	37800	50200	91900	2191	
114	44020	31260	29200	19470	5050	4610	3770	3700	4110	16670	19050	32190	565	
115	14679	11830	10402	5967	2173	1864	1666	1596	2090	5848	8529	12582	153	
116	41491	32735	28518	14376	3981	2962	2700	2658	3504	11883	18527	31914	392	
117	7656	5504	4191	1534	0	0	0	0	1	0	2773	6086	139	
118	0	0	0	2750	0	0	0	0	0	0	0	0	0	
119	14445	9141	8406	3350	507	0	0	10	0	1810	4080	11130	272	
120	0	0	0	8741	0	4754	1550	1372	1997	3584	4044	5229	224	
121	0	0	0	0	0	0	0	0	0	0	3175	4812	31	
122	5589	4486	4022	1811	906	672	544	717	905	2138	3453	5517	130	
123	12228	8464	7237	4081	0	0	89	10	39	2940	4637	9838	241	
124	30027	22447	23184	29470	34653	44335	55962	64870	39464	37119	36326	25973	628	
125	0	0	0	0	4188	3712	3381	3092	4002	6917	7269	16306	162	
126	0	0	0	0	2715	2603	0	0	0	10757	3096	4522	65	
127	40546	30204	26292	14797	5854	6066	5376	4639	5455	9328	12730	26623	676	
128	10850	9357	10184	8455	5528	5639	5008	4851	4544	0	10992	8832	114	
129	16226	12372	11033	7032	9412	13067	17860	18212	14451	5780	7474	11992	296	
130	32798	23144	21349	10669	4859	5158	3343	2072	2136	4539	6536	29530	703	
131	47803	27764	21607	3737	0	0	0	0	0	3056	8440	39181	733	
132	13370	55930	264860	212300	194760	197520	183260	214750	196240	150740	205960	210694	1500	
133	26526	19437	20959	10201	3374	5737	7588	8838	5101	0	22493	24220	373	
134	0	0	0	0	0	0	0	0	0	1540	3050	10150	340	
135	95300	80800	82700	68100	51200	45800	46600	43700	48500	63700	73500	88700	1461	
136	110900	94600	98400	81100	60000	53300	54100	51000	57600	74400	85700	103200	1461	
137	31320	24725	23178	18999	15567	16933	15072	14567	10102	11454	11173	13912	1362	
138	0	0	10057	8001	2877	1714	1410	1103	2378	5572	6536	11158	204	
139	5311	4341	5160	5568	6004	5518	0	9609	5571	6014	4671	4064	78	
140	7070	5460	3390	1200	0	0	0	0	0	0	2750	6180	312	
141	20570	14180	13450	6350	80	0	10	0	30	0	12850	15460	454	
142	102777	90187	74661	36120	34964	28859	29687	25735	30716	36368	34036	91692	1464	
143	0	0	511219	243640	138607	137965	133917	92035	144442	171150	125387	115032	1380	
144	72430	55400	51950	37090	24180	18240	16820	16370	22030	36870	43090	60540	336	
145	0	4262	3197	1473	473	283	269	354	934	1282	2070	5614	215	
146	0	3987	3030	1744	450	0	16	387	973	1921	2378	3565	215	
147	6860	7382	5516	3682	1425	515	511	736	1743	3276	4458	7121	8	
148	16739	12213	11229	5920	3761	2519	1395	1607	2593	5822	9006	16261	60	
149	6865	5684	4366	2871	1733	0	0	4425	2635	0	4085	8907	336	
150	41777	32417	23923	8104	0	2918	14348	17473	19926	28999	39566	65954	300	
151	11575	7510	5484	2298	80	0	0	0	173	0	5187	9205	228	
152	0	8227	7054	2955	65	0	0	0	0	3017	5341	9289	72	
153	14950	12580	11290	8250	1900	1500	1410	1320	1640	5580	8590	12300	523	
154	10480	6550	4360	1910	60	0	0	0	100	0	3670	9780	403	
155	97747	81679	83018	65343	61862	65209	63335	62130	66147	80072	74716	90918	407	

ID#	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MDQ	
156	12999	9857	8071	4218	8752	0	22863	13638	9727	7071	6934	10278	103	
157	106900	81900	73100	63700	46500	42900	43000	36600	47300	65500	71000	92500	1046	
158	25681	18987	21311	14508	9367	7188	11595	5948	11257	21202	24333	33531	172	
159	46400	35200	17300	5400	0	0	0	0	0	0	16600	40200	1032	
160	14680	12500	7310	2490	0	0	0	0	0	0	5640	12380	311	
161	11340	8290	5020	1280	0	0	0	0	0	0	6060	8810	340	
162	15630	13148	15488	13417	11036	14435	13330	14303	14440	13696	12215	12673	235	
163	78994	62002	57794	39794	30972	29096	29104	28018	26914	36043	43958	66726	907	
164	24440	23860	22670	17280	11170	9710	10860	10490	13230	0	40000	21220	178	
165	0	0	0	17782	21357	20219	21183	19670	21478	21277	18960	20768	495	
166	812	619	527	301	121	106	93	87	100	236	365	48955	31	
167	0	0	0	0	1112	1877	1473	1498	1401	2814	3821	6946	156	
168	0	0	0	0	0	0	0	0	0	0	1394	2650	81	
169	37280	26290	20020	5360	0	0	0	0	0	0	8070	25540	302	
170	10385	6546	4767	1657	0	0	0	0	0	3790	2482	8968	209	
171	0	0	0	1460	0	0	0	30	0	1030	2482	8968	209	
172	218861	142923	1235	57468	720	0	624	308	102	0	84238	180113	1225	
173	75505	55737	54841	40647	35447	34166	35238	32624	37589	0	114127	69035	267	
174	42780	42830	45380	36110	23370	34480	34560	33160	33090	32660	38120	45630	748	
175	8390	6160	5990	1890	0	0	0	0	0	27	15961	27664	859	
176	0	0	246336	21263	0	0	0	0	0	2260	4050	6900	202	
177	4000	344400	381500	411200	463200	400400	384000	432300	441900	491500	438000	362400	3432	
178	49748	27666	22502	7047	0	13	0	0	13	0	17986	42230	934	
179	0	0	0	0	0	0	0	0	0	0	0	3103	48	
180	0	0	75783	11315	0	0	0	0	0	0	0	28593	29388	31
181	24996	19262	17116	9289	3619	1178	63	189	139	7252	14932	23418	336	
182	58480	43620	23440	15900	2440	2040	1620	1500	2120	2840	5820	48000	1046	
183	57170	46330	44750	28730	15040	6690	0	8360	9700	13040	17800	29880	624	
184	0	103430	9720	2170	2740	7370	13580	3990	4340	14780	17320	30300	622	
185	62574	50510	44581	31013	21735	50067	70347	81966	48180	15578	24349	41199	732	
186	17427	13576	10655	6121	850	0	0	0	0	4199	7349	15067	89	
187	40605	30575	27205	16110	4115	0	0	0	0	15014	18850	33150	240	
188	9731	8198	6652	2305	0	0	8	0	0	1903	5823	13315	98	
189	95430	83600	90820	93530	80960	86630	68341	81744	72962	81955	84257	78619	1151	
190	105700	84800	77300	44800	38000	40400	27200	26500	22800	28000	20300	67600	1400	
191	0	0	22040	6655	0	0	0	0	0	6601	19054	30984	522	
192	17322	17548	19307	13164	15989	16133	14140	16581	15020	0	32432	15899	305	
193	40960	31890	25480	10010	0	0	0	50	0	7030	18440	36400	185	
194	57586	38538	35931	33256	40412	49117	58767	76668	46760	0	75935	46248	458	
195	32061	23801	16949	6616	0	0	0	0	0	0	1850	18480	170	
196	11101	8306	6531	3707	2480	2297	2086	1476	1442	1634	4723	10134	251	
197	45326	36312	31773	20185	15539	13553	12293	9751	10979	20078	30449	44589	504	
198	66600	53000	52800	35200	48500	67900	92700	97400	53300	34700	36900	46500	302	
199	119948	98858	91762	49021	13390	14394	14448	11703	12654	33381	74569	112088	518	
200	12967	9621	9813	7552	6059	5480	5226	5381	5667	7430	7679	11435	269	
201	163500	137600	136700	53600	0	0	0	0	0	32800	90700	156100	0	
202	234000	196000	189800	0	73200	0	0	0	0	43200	120300	212100	0	
203	0	29883	17724	16369	14137	17394	14270	13972	19278	0	33516	14369	168	
204	0	0	4130	3422	2484	3225	2855	2083	2969	2372	2972	3699	126	
205	0	0	0	0	0	1	12	0	0	463	875	5522	90	
206	0	0	0	0	0	1	8	0	0	476	834	5475	90	
207	5150	3876	3705	1261	0	0	0	0	0	1369	2309	4169	120	
208	10314	8222	6825	2847	96	0	0	1	14	2714	3364	7373	120	
209	54130	47990	40530	26800	9660	8390	6940	5690	5480	19220	32490	44460	958	
210	0	0	0	85500	37230	0	0	0	0	75100	105930	139560	2191	
211	0	0	0	44589	13658	0	0	0	0	25709	44857	70164	1565	
212	0	15766	6691	5893	4448	3486	3218	3252	3988	5500	6173	7048	144	
213	42540	30210	24980	15440	5830	0	0	6125	9551	0	30211	33311	500	
214	37380	26750	22410	11580	5460	0	0	5219	8249	0	25980	29273	500	
215	11042	6544	5656	2596	0	0	0	0	6	0	3904	7614	295	
216	7600	3930	2490	700	1930	4780	5040	7800	17820	0	20280	64590	302	
217	96400	73700	66800	46800	42500	38700	37100	34300	37900	43300	39800	67900	946	
218	0	99264	51847	48132	49882	42748	29241	31660	39669	45701	48939	47269	503	
219	23490	17600	15710	8920	3340	3850	0	0	0	5780	10760	18840	180	
220	0	0	0	0	0	1071	243	0	0	469	3062	5555	54	
221	10860	6230	5290	1480	0	0	0	0	0	0	3700	8400	277	
222	2463	0	1	657	1009	0	3052	928	879	1535	2246	5269	402	
223	2173	0	1	671	705	0	931	718	1030	1542	2241	5380	402	
224	33470	25170	22190	13830	8120	6680	6080	6050	6380	10890	15310	26340	403	
225	19343	14029	11693	6774	2975	1021	10	591	925	6237	7635	14863	131	
226	47920	22050	27190	14960	3000	2740	2400	2310	2590	14110	19200	38670	496	
227	33200	26480	21090	10430	5750	4890	4570	4130	5320	9320	14600	31210	549	
228	26500	0	5800	66600	36100	41500	69400	79200	130000	150800	61500	29900	750	
229	23932	18243	16137	7851	779	0	0	0	0	4305	9766	18141	324	
230	172100	150700	168800	143900	109300	64600	64100	69500	54500	55000	52800	92300	900	
231	14097	9077	7018	2561	35	0	0	0	182	1266	2154	9093	173	
232	0	0	0	0	0	0	0	0	0	0	3830	3019	74	
233	0	0	0	0	0	0	0	0	0	0	1560	1393	73	
234	88813	69942	63670	40822	25621	17170	10315	9848	22427	36349	45686	65603	400	

ID#	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MDQ
235	0	0	0	0	0	0	0	0	0	0	4121	9642	235
236	6177	3214	2427	516	0	0	1	0	25	0	1707	3952	168
237	0	0	0	0	0	0	0	0	0	1468	3164	5832	281
238	39620	24620	14660	3750	0	10	0	0	10	0	17280	34180	244
239	32710	20780	11960	5390	10	0	0	0	0	0	8410	20820	424
240	79120	57870	30770	13060	10	0	10	0	0	0	18390	47300	424
241	12356	8045	6289	1274	0	0	0	0	0	0	4260	11786	115
242	5373	3735	3279	1641	0	0	0	0	17	0	2226	3784	149
243	14612	12193	6954	2672	0	0	0	0	0	0	6344	13771	432
244	40900	31400	20200	6200	0	0	0	0	0	0	15300	34800	958
245	0	0	0	0	0	0	0	0	0	6028	10381	22614	351
246	0	0	0	0	0	0	0	0	0	4018	8086	12558	200
247	15010	9710	7710	2870	0	0	0	0	0	0	4310	7010	240
248	12454	9017	6669	2164	165	0	0	0	14	0	4663	10280	260
249	8808	6447	5698	3345	1483	693	316	511	695	2923	4127	7005	424
250	8107	6217	5338	3071	1158	536	465	423	537	2530	3878	7022	424
251	20631	14551	11857	6284	3003	2583	2215	2172	2602	6711	11922	16237	424
252	25698	18903	16545	11168	7962	6485	5731	5445	6279	8049	7711	21351	424
253	7555	5555	4243	3885	609	622	553	529	560	2580	5734	6297	140
254	17830	13938	12030	7299	1937	1707	1615	1662	1947	6988	9601	15293	140
255	69253	49318	43279	18641	6501	6028	5786	4860	5607	23628	34947	60185	522
256	0	0	0	0	0	0	0	0	0	0	7380	27159	301
257	97066	66449	55178	27579	10296	6900	6166	5348	6947	24805	35772	77090	173
258	0	0	6290	4460	320	0	0	0	0	0	9870	15800	554
259	38064	23389	19288	4902	0	0	0	0	0	0	15347	25899	907
260	20120	14090	11660	6300	940	910	700	450	960	0	10920	14750	302
261	58173	46421	41623	32700	30768	27246	27655	22784	25688	32682	32050	52057	240
262	52332	40050	38555	30438	25098	22428	22321	22428	23603	27234	29477	41972	123
263	0	0	0	2354	0	0	0	0	0	1059	3201	4960	75
264	0	0	0	152	0	0	0	0	0	1239	3077	6009	83
265	12304	9567	8055	4057	755	0	0	0	0	5080	6801	10790	163
266	18200	13990	13520	8610	5710	3230	2990	2890	3710	7220	8630	15680	266
267	0	0	0	1676	0	0	0	0	16	2417	6265	14632	186
268	18620	14110	13020	8620	3670	3280	880	160	20	0	12800	15900	419
269	0	0	0	0	0	0	0	0	185870	14298	14699	17566	312
270	0	0	0	0	0	0	0	0	0	1400	5271	9098	54
271	17350	11460	8530	2640	0	0	0	0	60	0	7490	15710	383
272	135000	120500	129700	109000	92800	84200	83800	79800	89100	106100	103500	123100	2041
273	0	4600	279200	216400	170600	143000	138300	127100	154500	220400	249900	371700	5500
274	0	0	0	0	0	0	508600	138300	185600	420700	530200	756300	11586
275	0	0	0	0	0	34700	45800	51400	6100	6800	8000	15600	4372
276	0	0	0	0	0	12700	16700	18000	2200	2400	3000	6000	4372
277	100	4800	301200	232200	183100	153500	148500	136600	165800	237300	269500	401800	5500
278	64100	46600	46100	33600	25200	19200	16900	18200	25700	32500	44600	71900	1222
279	54890	45490	41210	38730	29350	24230	23910	22110	26520	33570	38580	50420	432
280	8004	9185	10930	9155	8465	9366	9523	10436	12153	0	23515	9730	141
281	84030	66070	64025	44713	31024	25072	21334	21788	31183	49564	50563	77032	576
282	59045	44752	38239	19605	7130	5951	4948	5102	6876	16475	23969	47044	648
283	6940	6629	6203	3611	5143	5974	5873	4125	4896	4766	2124	1457	95
284	71851	52342	48940	40023	32913	27557	27034	25026	29445	34667	39929	54537	500
285	4591	3251	2299	658	0	0	0	0	4	0	1567	4518	1206
286	38600	34200	33600	14900	0	0	0	0	0	11500	27200	39000	547
287	15330	10340	940	0	11940	0	0	0	0	2770	5170	11770	144
288	25460	20240	18290	10650	6000	4980	4590	4770	5080	0	22620	21400	313
289	26049	20217	16949	9174	2777	2435	2307	2264	2681	8619	10114	19587	360
290	62927	45091	36002	24724	5853	5671	5105	5415	4902	21937	28409	48519	479
291	0	2676	1913	1113	67	0	1	0	0	506	1353	3978	85
292	0	18749	6428	4	0	0	0	0	0	3162	7954	11195	169
293	62799	46865	43116	28119	21022	20085	18746	21290	23031	31065	35885	46731	144
294	36729	22803	17943	10926	2250	0	0	0	268	6106	11060	24785	576
295	4610	2042	2006	1624	0	6	0	0	4	297	1241	478	340
296	29198	24604	21705	8818	0	0	0	0	0	9304	19001	26122	100
297	0	0	0	2780	0	0	0	0	40	880	2950	10320	383
298	10372	11823	8526	5002	1635	466	819	551	1177	1622	4122	10648	449
299	7305	4988	3400	1263	1	0	0	0	0	246	1046	4393	82
300	12572	9013	6626	2764	520	4208	4465	6200	5925	0	5400	8188	599
301	11346	8183	0	8501	476	3682	3897	5422	5319	0	4818	7337	599
302	0	0	0	0	0	0	0	0	0	0	57414	34836	1080
303	34450	0	0	0	0	0	0	155280	10168	0	30046	27193	1080
304	46244	38128	19438	4486	0	0	0	0	320	0	47419	25739	925
305	9152	6007	4464	1252	0	0	0	0	8	935	1912	6406	164
306	26357	13187	10734	6464	2454	2155	1518	1300	1563	10630	6515	12099	272
307	21390	13550	9990	4680	0	0	0	0	0	4470	6270	16330	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.