

Docket R-11XXX

**Volume 2**

**Philadelphia Gas Works**

**Before The**

**Pennsylvania Public Utility Commission**

**Computation of Annual Purchased Gas Costs  
For Twelve Months Ending August 31, 2012**

**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, 2011**

# 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, 2011 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 2010**

**Forms 1 & 2**

**BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION**

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

**ANNUAL RESOURCE PLANNING REPORT**  
**MARCH 2010**

**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 2010**

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

**PHILADELPHIA GAS WORKS**  
**2010 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 five sections:

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

## **I. PGW's Overall Approach to Integrated Resource Planning**

### **PGW Optimization Standard for Purchasing and Utilizing Gas Supplies**

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

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

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

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

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

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

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

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



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

PGW's supply strategy incorporates maintaining full current winter day deliverability with regard to transportation capacity but to convert, where possible, to storage rather than winter flowing contracts to enhance financial and operational flexibility. A variety of longer term supply contracts are necessary to support pipeline transportation capacity because reliance upon best effort spot suppliers to fill wintertime supply requirements to meet firm customers' demands has proven to be an unreliable alternative. As a result longer-term contracts are utilized to support firm transportation capacity. To accomplish this end, the Company purchases winter supply contracts with daily deliverability equal to approximately 52% 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 25% 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 23% of the daily TETCO and TGPL capacity rights to the Philadelphia city gates. These storage fields also act as a physical fixed price to counter winter price conditions since the WACOG usually reflects a winter/summer pricing differential. PGW's summer purchasing strategy also incorporates a portfolio approach to the purchase of system supply and storage refill. The GCR filing is again used as a yardstick in purchasing supply for both system supply and storage refill. PGW attempts to always purchase a portion of its supply needs below the projected GCR cost estimate with a portion of the portfolio purchased at default, first-of-the-month pricing. These first of the month pricing option contracts, in most instances, allow PGW to evaluate daily spot prices and provide for a turn-off of first-of-the-month index priced supply in favor of the purchase of more advantageous daily spot purchases.

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

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

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

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

#### **Customer Demand**

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

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

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

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

In addition, consideration must be given to the variation of customer utilization patterns for space heating over the year, recognizing the transitional fall start-up of heaters, the deep winter period needs and the tapering off and shut-down which occurs in the spring. These usage patterns taken in conjunction with anticipated customer counts and appropriate temperature patterns form the basis of determining class and total system demands. Due to the inconsistencies of weather and weather forecasting techniques, no attempt is made to predict the specific daily temperatures of the projection period. Instead PGW has developed a normal monthly temperature pattern by analyzing statistical records of actual temperature patterns over a 30-year period. This pattern reflects 4392 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 4392 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 GCR customers.

#### **IV. Design Day and Design Hour Forecasting Methodology and Assumptions**

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

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



## **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 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 GCR. This model in conjunction with the gas supply model 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. 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 2007-2008	-1 2008-2009	0 2009-2010	1 2010-2011	2 2011-2012	3 2012-2013			
<b>Firm Requirements:</b>									
Retail Residential	35,197	37,670	38,221	39,884	39,778	39,561			
Retail Commercial	9,733	9,726	9,549	9,764	9,729	9,734			
Retail Industrial	658	630	587	658	651	647			
Electric Power Generation Exchanges with Other Utilities									
Unaccounted For Gas	1,347	1,308	1,583	2,132	2,122	2,121			
Company Use	717	738	711	578	587	595			
Other - Prior Period Adjustment	-	-	-	-	-	-			
Subtotal Firm	47,651	50,070	50,651	53,016	52,867	52,658			
<b>Interruptible Requirements:</b>									
Retail	1,776	1,156	1,115	621	546	505			
Electric Power Generation	14	14	12	7	6	5			
Company's Own Plant	61	65	104	104	104	104			
Unaccounted For Gas	79	45	62	23	20	19			
Subtotal Interruptible	1,931	1,280	1,293	755	676	633			
<b>SUBTOTAL FIRM AND INTERRUPTIBLE</b>	<b>49,581</b>	<b>51,350</b>	<b>51,944</b>	<b>53,771</b>	<b>53,543</b>	<b>53,291</b>			
<b>Transportation:</b>									
Firm Residential	10	13	4	-	-	-			
Firm Commercial	1,440	1,863	2,174	2,806	3,013	3,171			
Firm Industrial	222	217	225	341	350	353			
Interruptible Residential	-	-	-	-	-	-			
Interruptible Commercial	6,047	6,375	6,918	7,069	7,141	7,185			
Interruptible Industrial	4,984	4,839	5,024	4,889	4,934	4,921			
Other - Non-Utility Power Producers	6,679	9,632	7,570	8,062	8,062	8,062			
Subtotal Transportation	19,382	22,940	21,915	23,167	23,500	23,692			
<b>TOTAL GAS REQUIREMENTS</b>	<b>68,963</b>	<b>74,290</b>	<b>73,860</b>	<b>76,937</b>	<b>77,043</b>	<b>76,983</b>			
Increase (Decrease)	1,027	5,327	(431)	3,078	106	(60)			
Percent Change (%)	1.5%	7.7%	-0.6%	4.2%	0.1%	-0.1%			

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

Index Year Actual Year	Historical Data			Current Year <sup>(1)</sup>			Three Year Forecast <sup>(1)</sup>		
	-2 2007-2008	-1 2008-2009	0 2009-2010	1 2010-2011	2 2011-2012	3 2012-2013			
<b>Firm Requirements:</b>									
Retail Residential	336	376	457	468	467	465			
Retail Commercial	93	97	114	115	114	114			
Retail Industrial	6	6	7	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	13	13	19	25	25	25			
Company Use	7	7	9	7	7	7			
Other	0	0	0	0	0	0			
Subtotal Firm	454	500	606	622	620	618			
<b>Interruptible Requirements:</b>									
Retail	11.3	10.1	10.2	7.5	6.6	6.0			
Electric Power Generation	0.1	0.0	0.0	0.0	0.0	-			
Company's Own Plant	0.4	1.8	0.7	0.6	0.6	0.6			
Unaccounted For Gas	0.0	0.0	0.4	0.3	0.3	0.3			
Subtotal Interruptible	11.8	11.9	11.3	8.4	7.4	6.8			
<b>SUBTOTAL FIRM AND INTERRUPTIBLE</b>	466	512	617	631	627	625			
<b>Transportation:</b>									
Firm Residential	0	0	0	0	0	0			
Firm Commercial	13	15	22	29	32	33			
Firm Industrial	2	1	2	3	3	3			
Interruptible Residential	0	0	0	0	0	0			
Interruptible Commercial	33	34	0	0	0	0			
Interruptible Industrial	21	13	0	0	0	0			
Other - Non-Utility Power Producers	36	43	0	0	0	0			
Subtotal Transportation	104	106	24	32	35	36			
<b>TOTAL GAS REQUIREMENTS</b>	570	618	641	663	662	662			
Increase (Decrease)	-66	114	20	8	(3)	(2)			
Percent Change (%)	-10.34%	21.90%	3.21%	1.15%	-0.46%	-0.34%			

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

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

**FORM-IRP-GAS-2A: ANNUAL/PEAK SUPPLY**

**TABLE 1: ANNUAL/PEAK SUPPLY  
REPORTING UTILITY: PHILADELPHIA GAS WORKS  
(Volumes in MMcf)**

Index Year Actual Year	Historical Data				Current Year <sup>(2)</sup>				Three Year Forecast <sup>(1)</sup>			
	-2	-1	0	1	2	3	2010-2011	2011-2012	2012-2013	2010-2011	2011-2012	2012-2013
	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Peak	Peak	Peak
Gas Supply for Sales Service												
TETCO	-	-	-	-	-	-	-	-	-	-	-	-
TRANSCO	-	-	-	-	-	-	-	-	-	-	-	-
Spot Purchases	55,415	193	57,643	208	57,643	284	58,585	59,803	59,803	258	258	259
Storage Withdrawals	10,957	163	11,667	178	11,667	182	17,102	17,511	17,511	208	208	204
LNG Withdrawal	1,280	110	1,372	125	1,372	186	1,429	1,546	1,546	208	208	210
Company Production	-	-	-	-	-	-	-	-	-	-	-	-
LNG Purchases	-	-	-	-	-	-	-	-	-	-	-	-
Exchanges with other LDCs	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-
Total Gas Supply	67,653	466	70,682	512	70,682	651	77,116	78,661	78,661	674	674	673
Total Transportation Services	19,382	104	21,681	106	21,681	11	22,377	21,110	21,110	11	11	11
TOTAL GAS SUPPLY AND TRANSPORTATION SERVICE	87,035	570	92,363	618	92,363	662	99,493	99,771	99,771	685	685	684
Deductions												
Pipeline: TRANS FUEL	2,857	2,979	3,353	-	3,353	18	3,208	3,316	3,316	17	17	16
Storage: INJ, INJ FUEL, WITHDRAW FUEL, TRANS FUE	13,047	-	13,298	-	13,298	3	17,277	17,745	17,745	4	4	4
LNG: LIQUE, INJ FUEL, TRANS FUEL	2,112	643	1,853	-	1,853	1	2,071	1,666	1,666	2	2	2
Sales to other LDC's	56	-	-	-	-	-	-	-	-	-	-	-
Total Deductions	18,071	16,475	18,504	-	18,504	22	22,556	22,727	22,727	23	23	22
NET GAS SUPPLY	68,963	570	73,860	618	73,860	641	76,937	77,043	77,043	662	662	662
BTU	1,036	1,036	1,032	1,032	1,032	1,032	1,032	1,032	1,032	1,032	1,032	1,032

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

<sup>(2)</sup> Current Year Peak Day is forecasted at a 5 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				Current Year				Three Year Forecast			
	-2 2007-2008		-1 2008-2009		0 2009-2010		1 2010-2011		2 2011-2012		3 2012-2013	
	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
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.	03/31/2010
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	03/31/2010
Transcontinental Transmission Corp.	04/15/2010

<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 percent (50%) 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-seven percent (27 %) 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 totally 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 a nineteen-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 interact continuously and provide 24/7 coverage in all situations pertaining to the gas supply portfolio and operation of the natural gas facilities. This is done in conjunction with the Gas Supply Committee as well as everyday meetings with the VP of Gas Management and the other direct reports of the VP of Gas Management. The following departments report directly to this individual Gas Supply, Gas Control, Gas Accounting, and Gas Transportation.

Manager, Gas Supply this person has over fourteen 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 fourteen years in the supply area and 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, capacity release, and asset management for the period of January 1, 2010 to December 31, 2010.

Schedule 1 – reflects all off system sales margins for the period January 1, 2010 to December 31, 2010.

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

Schedule 3 – illustrates all capacity release deals.

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

Schedule 5 – reflects asset management revenue for the period January 1, 2010 to December 31, 2010.

**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, 2010**

<b>Off-System Sales</b>			
<b>MONTH</b>	<b>Total Revenue</b>	<b>Ratepayer Margin</b>	<b>Total Credit</b>
Jan-10	\$0	\$0	\$0
Feb-10	\$0	\$0	\$0
Mar-10	\$0	\$0	\$0
Apr-10	\$0	\$0	\$0
May-10	\$0	\$0	\$0
Jun-10	\$0	\$0	\$0
Jul-10	\$0	\$0	\$0
Aug-10	\$0	\$0	\$0
Sep-10	\$0	\$0	\$0
Oct-10	\$0	\$0	\$0
Nov-10	\$0	\$0	\$0
<b>Dec-10</b>	<b>\$71,000</b>	<b>\$24,566</b>	<b>\$71,000</b>

**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, 2010

Schedule 3

Item 53.64(C)(7)

MONTH	Capacity Release		
	Total TGPL Credits	Total TETCO Credits	Total Credits
Jan-10	\$ 406,979	\$ 449,212	\$ 856,191
Feb-10	\$ 480,102	\$ 449,212	\$ 929,314
Mar-10	\$ 424,006	\$ 454,746	\$ 878,753
Apr-10	\$ 424,006	\$ 514,712	\$ 938,718
May-10	\$ 497,166	\$ 780,221	\$ 1,277,387
Jun-10	\$ 493,917	\$ 173,775	\$ 667,692
Jul-10	\$ 550,936	\$ 503,550	\$ 1,054,486
Aug-10	\$ 546,014	\$ 495,841	\$ 1,041,855
Sep-10	\$ 388,809	\$ 241,142	\$ 629,951
Oct-10	\$ 328,412	\$ (73,965)	\$ 254,447
Nov-10	\$ 284,379	\$ 206,311	\$ 490,689
Dec-10	\$ 281,741	\$ 209,087	\$ 490,828
<b>TOTAL</b>	<b>\$ 5,106,468</b>	<b>\$ 4,403,843</b>	<b>\$ 9,510,311</b>

Philadelphia Gas Works  
Pennsylvania Public Utilities Commission  
52 Pa. Code §53.61, et seq.  
For the Twelve Months Ending December 31, 2010

M / YR	PIPELINE	PATH	RECALL STATUS	MONTHLY VOLUME DTH	TOTAL MONTHLY CREDIT	CREDIT DTH	TOTAL GCR CREDIT	REPLACEMENT SHIPPER
January '10	TETCO	ELA - M-3	N	75,392 \$	46,675.18 \$	0.6191 \$	46,675.18 \$	Hess
	TETCO	ELA - M-3	N	101,494 \$	62,834.93 \$	0.6191 \$	62,834.93 \$	UGI
	TETCO	ELA - M-3	N	738,482 \$	339,701.72 \$	0.4600 \$	339,701.72 \$	JP Morgan
			915,368			449,211.83		
February '10	TRANSCO	3-6	N	75,423 \$	32,747.78 \$	0.4342 \$	32,747.78 \$	Hess
	TRANSCO	3-6	N	101,525 \$	44,081.07 \$	0.4342 \$	44,081.07 \$	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
			796,948			406,978.85		
February '10	TETCO	ELA - M-3	N	78,120 \$	48,723.44 \$	0.6237 \$	48,723.44 \$	Hess
	TETCO	ELA - M-3	N	107,968 \$	67,339.64 \$	0.6237 \$	67,339.64 \$	UGI
	TETCO	ELA - M-3	N	140,000 \$	62,160.00 \$	0.4440 \$	62,160.00 \$	VA Power
	TETCO	ELA - M-3	N	667,016 \$	61,160.00 \$	0.0917 \$	306,827.36	JP Morgan
				993,104			485,050.44	
	TRANSCO	3-6	N	78,148 \$	33,931.24 \$	0.4342 \$	33,931.24 \$	Hess
TRANSCO	3-6	N	107,996 \$	46,890.76 \$	0.4342 \$	46,890.76 \$	UGI	
TRANSCO	3-6	N	140,000 \$	101,080.00 \$	0.7220 \$	101,080.00 \$	VA Power	
TRANSCO	3-6	N	280,000 \$	151,760.00 \$	0.5420 \$	151,760.00 \$	PPL	
TRANSCO	3-6	N	280,000 \$	146,440.00 \$	0.5230 \$	146,440.00 \$	PPL	
			886,144			480,102.00		
March-10	TETCO	ELA - M-3	N	74,772 \$	46,635.30 \$	0.6237 \$	46,635.30 \$	Hess
	TETCO	ELA - M-3	N	99,882 \$	62,296.40 \$	0.6237 \$	62,296.40 \$	UGI
	TETCO	ELA - M-3	N	130,000 \$	3,263.00 \$	0.0251 \$	3,263.00 \$	VA Power
	TETCO	STX - M-3	N	95,000 \$	2,850.00 \$	0.0300 \$	2,850.00 \$	JLA
			738,482 \$	339,701.72 \$	0.4600 \$	339,701.72 \$	JP Morgan	
			1,138,136			454,746.42		
April-10	TRANSCO	3-6	N	74,803 \$	32,478.70 \$	0.4342 \$	32,478.70 \$	Hess
	TRANSCO	3-6	N	99,882 \$	43,367.76 \$	0.4342 \$	43,367.76 \$	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
	TRANSCO	3-6	N	130,000 \$	13,260.00 \$	0.1020 \$	13,260.00 \$	VA Power
	TRANSCO	3-6	N	95,000 \$	4,750.00 \$	0.0500 \$	4,750.00 \$	BG Energy
			1,019,685			424,006.46		
April-10	TETCO	ELA - M-3	N	72,420 \$	45,168.35 \$	0.6237 \$	45,168.35 \$	Hess
	TETCO	ELA - M-3	N	96,990 \$	60,492.66 \$	0.6237 \$	60,492.66 \$	UGI
	TETCO	ELA - M-3	N	90,000 \$	9,099.00 \$	0.1011 \$	9,099.00 \$	JLA
	TETCO	STX - M-3	N	714,660 \$	328,743.60 \$	0.4600 \$	328,743.60 \$	JP Morgan
TETCO	STX - M-3	N	240,000 \$	18,288.00 \$	0.0762 \$	18,288.00 \$	VA Power	
TETCO	STX - M-3	N	540,000 \$	26,460.00 \$	0.0490 \$	26,460.00 \$	JLA	
TETCO	WLA - M-3	N	540,000 \$	26,460.00 \$	0.0490 \$	26,460.00 \$	Colonial	
			2,294,070			514,711.61		

Philadelphia Gas Works  
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52 Pa. Code §53.61, et seq.  
For the Twelve Months Ending December 31, 2010

PIPELINE	PATH	RECALL STATUS	MONTHLY VOLUME DTH	TOTAL MONTHLY CREDIT	CREDIT DTH	TOTAL GCR CREDIT	REPLACEMENT SHIPPER
TRANSCO	3-6	N	72,420 \$	31,444.20 \$	0.4342 \$	31,444.20 \$	Hess
TRANSCO	3-6	N	96,990 \$	42,111.90 \$	0.4342 \$	42,111.90 \$	UGI
TRANSCO	3-6	N	300,000 \$	162,600.00 \$	0.5420 \$	162,600.00 \$	PPL
TRANSCO	3-6	N	210,000 \$	1,569,000.00 \$	5.2300 \$	156,900.00 \$	PPL
TRANSCO	3-6	N	979,410	15,330.00 \$	0.0730 \$	15,330.00 \$	NJR
				408,386.10 \$			
<b>May-10</b>							
TETCO	WLA - M-3	N	74,927 \$	46,731.97 \$	0.6237 \$	46,731.97 \$	Hess
TETCO	WLA - M-3	N	100,223 \$	62,315.85 \$	0.6218 \$	62,315.85 \$	UGI
TETCO	ELA - M-3	N	93,000 \$	11,346.00 \$	0.1220 \$	11,346.00 \$	Sequent
TETCO	STX - M-3	N	486,948 \$	339,701.72 \$	0.6976 \$	339,701.72 \$	JP Morgan
TETCO	ELA - M-3	N	108,531 \$	18,897.60 \$	0.1741 \$	18,897.60 \$	Virginia Power
TETCO	ELA - M-3	N	558,000 \$	150,613.89 \$	0.2699 \$	150,613.89 \$	Grays Ferry
TETCO	STX - M-3	N	558,000 \$	150,613.88 \$	0.2699 \$	150,613.88 \$	Grays Ferry
			1,979,629			780,220.91 \$	
TRANSCO	3-6	N	74,958 \$	32,545.97 \$	0.4342 \$	32,545.97 \$	Hess
TRANSCO	3-6	N	99,944 \$	43,394.73 \$	0.4342 \$	43,394.73 \$	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
TRANSCO	3-6	N	310,000 \$	38,815.10 \$	0.1252 \$	38,815.10 \$	VA Power
TRANSCO	3-6	N	310,000 \$	38,815.10 \$	0.1252 \$	38,815.10 \$	VA Power
TRANSCO	3-6	N	155,000 \$	4,805.00 \$		4,805.00 \$	Total N.A.
TRANSCO	3-6	N	95,000 \$	7,090.00 \$	0.0746 \$	7,090.00 \$	Total N.A.
TRANSCO	3-6	N	155,000 \$	1,550.00 \$	0.0100 \$	1,550.00 \$	Cokinco
			1,819,902			497,165.90 \$	
<b>June-10</b>							
TETCO	ELA - M-3	N	180,000 \$	10,980.00 \$	0.0610 \$	10,980.00 \$	Sequent
TETCO	STX - M-3	N	96,960 \$	60,452.85 \$	0.6235 \$	60,452.85 \$	UGI
TETCO	STX - M-3	N	72,660 \$	45,306.32 \$	0.6235 \$	45,306.32 \$	Hess
TETCO	ELA - M-3	N	150,000 \$	7,500.00 \$	0.0500 \$	7,500.00 \$	Enbridge
TETCO	ELA - M-3	N	100,000 \$	4,000.00 \$	0.0400 \$	4,000.00 \$	Colonial
TETCO	ELA - M-3	N	714,660 \$	328,743.60 \$	0.4600 \$	328,743.60 \$	Colonial
TETCO	ELA - M-3	N	240,000 \$	18,288.00 \$	0.0762 \$	18,288.00 \$	Colonial
TETCO	ELA - M-3	N	558,000 \$	(150,747.99) \$	(0.2702) \$	(150,747.99) \$	Grays Ferry *Credit in Dispute
TETCO	STX - M-3	N	558,000 \$	(150,747.99) \$	(0.2702) \$	(150,747.99) \$	Grays Ferry Credit in Dispute
			2,670,280			173,774.79 \$	

Philadelphia Gas Works  
Pennsylvania Public Utilities Commission  
52 Pa. Code §53.61, et seq.  
For the Twelve Months Ending December 31, 2010

	PIPELINE	PATH	RECALL	MONTHLY	TOTAL	CREDIT	TOTAL GCR	REPLACEMENT
			STATUS	VOLUME	MONTHLY	DTH	CREDIT	SHIPPER
				DTH	CREDIT			
	TRANSCO	3-6	N	150,000	\$ 4,650.00	\$ 0.0310	\$ 4,650.00	Total N.A.
	TRANSCO	3-6	N	96,990	\$ 42,112.90	\$ 0.4342	\$ 42,112.90	UGI
	TRANSCO	3-6	N	72,690	\$ 31,561.50	\$ 0.4342	\$ 31,561.50	Hess
	TRANSCO	3-6	N	150,000	\$ 1,500.00	\$ 0.0100	\$ 1,500.00	Cokinos
	TRANSCO	3-6	N	150,000	\$ 15,030.00	\$ 0.1002	\$ 15,030.00	VA Power
	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
	TRANSCO	3-6	N	300,000	\$ 37,563.00	\$ 0.1252	\$ 37,563.00	VA Power
	TRANSCO	3-6	N	300,000	\$ 31,500.00	\$ 0.1050	\$ 31,500.00	VA Power
	TRANSCO	3-6	N	100,000	\$ 10,500.00	\$ 0.1050	\$ 10,500.00	VA Power
				1,919,680			\$ 493,917.40	
<b>July-10</b>	TETCO	ELA - M-3	N	93,000	\$ 11,346.00	\$ 0.1220	\$ 11,346.00	Sequent
	TETCO	STX - M-3	N	100,905	\$ 62,934.44	\$ 0.6237	\$ 62,934.44	UGI
	TETCO	ELA - M-3	N	74,555	\$ 46,499.95	\$ 0.6237	\$ 46,499.95	Hess
	TETCO	ELA - M-3	N	310,000	\$ 15,500.00	\$ 0.0500	\$ 15,500.00	Oxy
	TETCO	WLA - M-3	N	85,000	\$ 8,670.00	\$ 0.1020	\$ 8,670.00	Iberdrola
	TETCO	WLA - M-3	N	486,948	\$ 339,701.72	\$ 0.6976	\$ 339,701.72	Iberdrola
	TETCO	WLA - M-3	N	248,000	\$ 18,897.60	\$ 0.0762	\$ 18,897.60	Iberdrola
				663,460			\$ 503,549.71	
	TRANSCO	3-6	N	155,000	\$ 4,805.00	\$ 0.0310	\$ 4,805.00	Total N.A.
	TRANSCO	3-6	N	100,905	\$ 43,811.99	\$ 0.4342	\$ 43,811.99	UGI
	TRANSCO	3-6	N	74,555	\$ 32,370.82	\$ 0.4342	\$ 32,370.82	Hess
	TRANSCO	3-6	N	155,000	\$ 1,550.00	\$ 0.0100	\$ 1,550.00	Cokinos
	TRANSCO	3-6	N	310,000	\$ 38,815.10	\$ 0.1252	\$ 38,815.10	VA Power
	TRANSCO	3-6	N	310,000	\$ 38,815.10	\$ 0.1252	\$ 38,815.10	VA Power
	TRANSCO	3-6	N	310,000	\$ 162,130.00	\$ 0.5230	\$ 162,130.00	PPL
	TRANSCO	3-6	N	310,000	\$ 168,020.00	\$ 0.5420	\$ 168,020.00	PPL
	TRANSCO	3-6	N	170,000	\$ 27,200.00	\$ 0.1600	\$ 27,200.00	VA Power
	TRANSCO	3-6	N	310,000	\$ 33,418.00	\$ 0.1078	\$ 33,418.00	Shell
				2,205,460			\$ 550,936.01	
<b>August-10</b>	TETCO	ELA - M-3	N	186,000	\$ 11,346.00	\$ 0.0610	\$ 11,346.00	Sequent
	TETCO	STX - M-3	N	310,000	\$ 15,500.00	\$ 0.0500	\$ 15,500.00	Oxy
	TETCO	STX - M-3	N	70,060	\$ 43,605.34	\$ 0.6224	\$ 43,605.34	Hess
	TETCO	ELA - M-3	N	101,587	\$ 63,227.74	\$ 0.6224	\$ 63,227.74	UGI
	TETCO	WLA - M-3	N	95,000	\$ 3,562.50	\$ 0.0375	\$ 3,562.50	VA Power
	TETCO	WLA - M-3	N	738,482	\$ 339,701.72	\$ 0.4600	\$ 339,701.72	JP Morgan
	TETCO	WLA - M-3	N	248,000	\$ 18,897.60	\$ 0.0762	\$ 18,897.60	VA Power
				1,749,129			\$ 495,840.90	

**Schedule 4**  
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**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, 2010**

PIPELINE	PATH	RECALL STATUS	VOLUME DTH	MONTHLY CREDIT	CREDIT DTH	TOTAL GCR CREDIT	REPLACEMENT SHIPPER
TRANSCO	3-6	N	155,000 \$	4,805.00 \$	0.0310 \$	4,805.00 \$	Total N.A.
TRANSCO	3-6	N	155,000 \$	1,550.00 \$	0.0100 \$	1,550.00 \$	Cokinios
TRANSCO	3-6	N	70,091 \$	30,433.01 \$	0.4342 \$	30,433.01 \$	Hess
TRANSCO	3-6	N	101,587 \$	44,108.04 \$	0.4342 \$	44,108.04 \$	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
TRANSCO	3-6	N	310,000 \$	38,815.00 \$	0.1252 \$	38,815.10 \$	VA Power
TRANSCO	3-6	N	310,000 \$	38,815.00 \$	0.1252 \$	38,815.10 \$	VA Power
TRANSCO	3-6	N	310,000 \$	33,418.00 \$	0.1078 \$	33,418.00 \$	Shell
TRANSCO	3-6	N	260,000 \$	23,920.00 \$	0.0920 \$	23,920.00 \$	VA Power
			2,291,678			\$ 546,014.25	
<b>September-10</b>							
TETCO	ELA - M-3	N	90,000 \$	10,980.00 \$	0.1220 \$	10,980.00 \$	Sequent
TETCO	ELA - M-3	N	96,780 \$	60,235.88 \$	0.6224 \$	60,235.88 \$	UGI
TETCO	ELA - M-3	N	70,590 \$	43,935.23 \$	0.6224 \$	43,935.23 \$	Hess
TETCO	ELA - M-3	N	300,000 \$	7,800.00 \$	0.0260 \$	7,800.00 \$	JLA
TETCO	STX - M-3	N	240,000 \$	18,288.00 \$	0.0762 \$	18,288.00 \$	VA Power
TETCO	STX - M-3	N	584,820 \$	99,902.88 \$	0.1708 \$	99,902.88 \$	VA Power
			1,382,190			\$ 241,141.99	
TRANSCO	3-6	N	150,000 \$	4,650.00 \$	0.0310 \$	4,650.00 \$	Total N.A.
TRANSCO	3-6	N	300,000 \$	7,800.00 \$	0.0260 \$	7,800.00 \$	Iberdrola
TRANSCO	3-6	N	150,000 \$	1,500.00 \$	0.0100 \$	1,500.00 \$	Cokinios
TRANSCO	3-6	N	300,000 \$	4,800.00 \$	0.0160 \$	4,800.00 \$	Iberdrola
TRANSCO	3-6	N	300,000 \$	3,000.00 \$	0.0100 \$	3,000.00 \$	Iberdrola
TRANSCO	3-6	N	70,620 \$	30,662.40 \$	0.4342 \$	30,662.40 \$	Hess
TRANSCO	3-6	N	96,780 \$	42,021.00 \$	0.4342 \$	42,021.00 \$	UGO
TRANSCO	3-6	N	300,000 \$	37,563.00 \$	0.1252 \$	37,563.00 \$	VA Power
TRANSCO	3-6	N	300,000 \$	37,563.00 \$	0.1252 \$	37,563.00 \$	VA Power
TRANSCO	3-6	N	300,000 \$	99,900.00 \$	0.3330 \$	99,900.00 \$	VA Power
TRANSCO	3-6	N	300,000 \$	99,900.00 \$	0.3330 \$	99,900.00 \$	VA Power
TRANSCO	3-6	N	300,000 \$	12,300.00 \$	0.0410 \$	12,300.00 \$	BP
TRANSCO	3-6	N	130,000 \$	7,150.00 \$	0.0550 \$	7,150.00 \$	Enbridge
			2,997,400			\$ 388,809.40	

Philadelphia Gas Works  
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For the Twelve Months Ending December 31, 2010

October--10	PIPELINE	PATH	RECALL STATUS	VOLUME DTH	MONTHLY CREDIT	CREDIT DTH	TOTAL GCR CREDIT	REPLACEMENT SHIPPER
	TETCO	ELA - M-3	N	93,000 \$	9,858.00 \$	0.1060	9,858.00	BG
	TETCO	ELA - M-3	N	310,000 \$	9,300.00 \$	0.0300	9,300.00	BG
	TETCO	STX - M-3	N	76,074 \$	47,348.47 \$	0.6224	47,348.47	Hess
	TETCO	STX - M-3	N	97,929 \$	60,951.01 \$	0.6224	60,951.01	UGI
	TETCO	STX - M-3	N	248,000 \$	18,897.60 \$	0.0762	18,897.60	VA Power
	TETCO	WLA - M-3	N	486,948 \$	103,232.98 \$	0.2120	103,232.98	VA Power
	TETCO	WLA - M-3	N	18,000 \$	16,461.00 \$	0.9145	16,461.00	Grays Ferry
	TETCO	WLA - M-3	N	18,000 \$	16,461.00 \$	0.9145	16,461.00	Grays Ferry
	TETCO	WLA - M-3	N	- \$	(356,474.72) \$	-	(356,474.72)	Grays Ferry Adj (June-Sept)
				1,347,951				
	TRANSCO	3-6	N	155,000 \$	3,255.00 \$	0.0210	3,255.00	JLA Energy
	TRANSCO	3-6	N	155,000 \$	2,480.00 \$	0.0160	2,480.00	Iberdrola
	TRANSCO	3-6	N	155,000 \$	2,340.50 \$	0.0151	2,340.50	BNP Paribas Fortis
	TRANSCO	3-6	N	76,074 \$	33,030.50 \$	0.4342	33,030.50	Hess
	TRANSCO	3-6	N	97,960 \$	42,533.55 \$	0.4342	42,533.55	UGI
	TRANSCO	3-6	N	310,000 \$	103,230.00 \$	0.3330	103,230.00	VA Power
	TRANSCO	3-6	N	310,000 \$	103,230.00 \$	0.3330	103,230.00	VA Power
	TRANSCO	3-6	N	310,000 \$	29,512.00 \$	0.0952	29,512.00	Total N.A.
	TRANSCO	3-6	N	160,000 \$	8,800.00 \$	0.0550	8,800.00	Colonial
				1,729,034				
							328,411.55	
November--10	TETCO	ELA - M-3	N	33,000 \$	1,023.00 \$	0.0310	1,023.00	Colonial
	TETCO	ELA - M-3	N	73,560 \$	45,783.74 \$	0.6224	45,783.74	Hess
	TETCO	STX - M-3	N	95,760 \$	59,601.02 \$	0.6224	59,601.02	UGI
	TETCO	ELA - M-3	N	471,240 \$	99,902.88 \$	0.2120	99,902.88	VA Power
				673,560			206,310.64	
	TRANSCO	3-6	N	150,000 \$	2,400.00 \$	0.0160	2,400.00	JLA
	TRANSCO	3-6	N	150,000 \$	385.50 \$	0.0026	385.50	Total N.A.
	TRANSCO	3-6	N	73,580 \$	31,952.10 \$	0.4342	31,952.10	Hess
	TRANSCO	3-6	N	95,790 \$	41,591.10 \$	0.4342	41,591.10	UGI
	TRANSCO	3-6	N	300,000 \$	99,900.00 \$	0.3330	99,900.00	VA Power
	TRANSCO	3-6	N	300,000 \$	99,900.00 \$	0.3330	99,900.00	VA Power
	TRANSCO	3-6	N	55,000 \$	8,250.00 \$	0.1500	8,250.00	VA Power
				1,124,380			284,378.70	
December--10	TETCO	WLA - M-3	N	73,780 \$	1,023.00 \$	0.0139	45,905.92	Hess
	TETCO	STX - M-3	N	96,348 \$	45,783.74 \$	0.4752	59,947.72	UGI
	TETCO	STX - M-3	N	676,513 \$	59,601.02 \$	0.0881	103,232.98	VA Power
				846,641			209,086.62	
	TRANSCO	3-6	N	73,780 \$	32,034.47 \$	0.4342	32,034.47	Hess
	TRANSCO	3-6	N	96,379 \$	41,846.59 \$	0.4342	41,846.59	UGI
	TRANSCO	3-6	N	310,000 \$	103,230.00 \$	0.3330	103,230.00	VA Power
	TRANSCO	3-6	N	310,000 \$	103,230.00 \$	0.3330	103,230.00	VA Power
	TRANSCO	3-6	N	280,000 \$	1,400.00 \$	0.0050	1,400.00	NET
				1,070,159			281,741.06	

Philadelphia Gas Works  
 Pennsylvania Public Utilities Commission  
 52 Pa. Code §53.61, et seq.  
 For the Twelve Months Ending December 31, 2010

Schedule 5  
 Item 53.64(C)(7)

Asset Management*		
MONTH	Total Revenue	Total Credit
10-Jan		
10-Feb		
10-Mar		
10-Apr		
10-May	\$91,166	\$91,166
10-Jun	\$91,166	\$91,166
10-Jul	\$91,166	\$91,166
10-Aug	\$91,166	\$91,166
10-Sep	\$91,166	\$91,166
10-Oct	\$91,166	\$91,166
10-Nov	\$91,166	\$91,166
10-Dec	\$91,166	\$91,166
<b>TOTAL</b>	<b>\$729,328</b>	<b>\$729,328</b>

\*1.5 Bcf of WSS Storage

## **Tab 7**



Docket No. R-11XXX

Item 53.64 (c)(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:

- (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 2010 - December 2010 (ccf)**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MDQ (Dth)
1	1051315	946626	938763	499597	773255	800676	898374	846687	876950	932327	688036	1176607	
2	243975	201748	213899	171232	191785	198835	176041	195480	168800	192280	189600	198450	1927
3	11714	11935	13474	10956	11977	12385	11558	13387	11883	9480	10371	7208	1875
4	117789	101888	103717	89372	90945	79894	74270	88454	80184	83875	91704	99538	
5	98969	95983	48569	6586	0	0	12	0	0	13051	54300	107240	784
6	31385	27721	19000	10291	2769	1991	1881	1849	1958	7941	17253	32921	291
7	15340	15930	7560	0	0	0	0	0	0	1170	8000	17090	302
8	11450	9900	4700	580	50	0	0	0	0	910	4280	11870	348
9	13147	11246	3556	107	11	0	32	0	0	85	5116	12688	591
10	29031	29603	13218	3894	20	31	41	51	61	2043	17376	32593	120
11	202431	183736	155752	139667	136855	128958	132868	136653	135624	133762	147513	212873	420
12	9919	12597	6396	1660	6	4	5	5	5	1245	0	20967	46
13	14644	13897	6375	1084	0	0	0	0	0	1168	6617	17779	64
14	17537	16001	7427	715	0	0	0	0	0	1862	7711	18578	55
15	12775	11727	6238	380	331	295	299	285	301	581	4266	12854	237
16	33080	28990	32000	30580	32420	30210	29570	30860	30500	31980	30150	31250	703
17	29128	26116	25957	23402	23758	22267	23691	22193	20969	22585	23648	29057	703
18	4776	4276	2577	940	711	539	471	473	569	1138	2285	4461	48
19	0	26590	37090	0	20	0	0	0	0	0	14590	22090	81
20	3275	3399	827	40	30	0	0	0	0	286	228	1195	732
21	26730	25590	13020	1010	1180	60	70	40	0	3160	11050	26710	209
22	79236	73119	75694	67822	63938	60317	60492	65967	47911	65433	65354	77381	550
23	24900	19700	7900	500	0	0	0	0	0	400	8400	26300	302
24	53909	25746	0	30253	0	9590	4826	5001	5011	9477	16567	27845	264
25	32969	29777	19482	6716	3591	2414	2011	2065	2534	8226	19688	31886	320
26	9531	8711	5640	1648	1618	1356	971	1299	1439	1653	6587	8707	480
27	49320	39970	33170	26670	24020	16760	15100	13470	16600	26480	36320	55130	240
28	0	4495	1905	741	374	0	0	0	0	318	2617	5489	120
29	4453	4495	1905	741	374	0	0	0	0	318	2617	5489	120
30	22549	21092	12336	5736	4932	0	6341	2158	2266	5344	13365	22819	75
31	20630	18330	13980	2820	0	0	0	0	10	5140	17820	23570	377
32	15867	13807	9469	8053	6726	4167	3887	4046	4903	5812	10802	19263	215
33	35500	33172	26038	8875	4785	2531	2189	2446	2937	12175	30203	36686	3128
34	33225	28719	21317	5831	4315	3268	3172	3289	3578	12773	23646	37412	782
35	34593	33695	20965	5586	3685	3375	2755	3556	4229	12004	25418	36291	782
36	30406	27458	16212	7230	5447	3973	3022	3204	4689	9398	20217	34176	782
37	13476	13529	4501	0	0	0	0	8	0	0	3522	18397	235
38	20732	26810	19073	3953	1056	2329	0	5839	5123	7134	11826	27684	346
39	62798	58227	31089	8790	5329	1089	961	1164	1089	9964	33759	69591	490
40	4417	3895	2397	1288	1075	229	0	0	0	565	2453	4521	64
41	4310	4066	2394	1034	890	447	0	0	0	783	2244	4298	64
42	4806	4378	3284	637	0	0	0	0	0	795	0	7417	64
43	3705	3455	2247	935	848	560	536	421	152	964	2198	3762	64
44	21384	11300	6810	1245	0	0	0	0	0	1761	5482	12231	90
45	10440	12560	16180	12990	12860	15350	7480	15440	14560	15020	14230	14340	313
46	13727	11481	3801	0	0	0	0	0	5	322	5444	13457	149
47	68530	64674	25133	3696	723	0	0	0	0	1088	27082	76921	316
48	15690	14680	8840	3860	770	0	0	0	0	4610	7710	13790	269
49	71290	59930	92660	62740	83670	82300	93750	92690	69540	59090	61240	44220	707
50	27234	25923	31440	29952	31042	28894	31801	32879	31634	32234	8093	8557	707
51	53400	51798	25312	3418	0	0	0	0	0	7262	24884	51050	192
52	14133	13543	7391	2103	0	0	0	0	9	56	7805	15534	111
53	7573	7319	4561	1470	1192	320	1065	1848	2669	3253	4116	6312	183
54	16674	14922	6207	70	67	0	0	0	0	1070	8895	19473	72
55	70700	61763	0	104826	41475	34054	31596	32270	35471	47730	51782	66149	408
56	2764	2370	1330	174	65	0	0	0	0	806	1328	2656	41
57	0	0	0	0	100	0	0	0	0	0	0	0	3300
58	141500	133300	123700	123300	109800	136100	194100	128700	101100	0	204000	171500	3300
59	338633	308238	224684	187326	166973	167107	146219	130151	127741	173401	213704	385900	1300
60	8618	7980	6217	5882	6213	6527	5764	6405	7001	8455	10390	15339	281
61	40900	36313	15146	3275	1842	0	0	0	0	2155	17338	33929	720
62	31373	26177	17126	8556	4405	1500	1366	1473	1714	5302	17487	31333	432
63	2083	2066	1199	259	157	0	0	0	0	475	1129	2251	346
64	12407	13963	11602	5916	877	0	0	0	0	4907	14151	23018	222
65	16850	16280	10580	350	890	240	0	0	10	40	7570	16750	168
66	9158	8477	9250	8226	5550	6799	6106	6184	6081	7270	9471	9540	30
67	33660	30850	30140	21490	17360	18970	15870	18130	14690	19140	32460	36060	418
68	7357	6377	8387	6775	6321	6114	5079	6540	5698	6769	6410	6943	513
69	6053	6133	2733	304	0	0	19	0	0	456	2508	6446	223
70	13026	11706	5347	3013	1830	148	131	7	0	2262	4570	13069	257

**Philadelphia Gas Works  
January 2010 - December 2010 (ccf)**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MDQ (Dth)
71	69890	65570	36450	16360	11020	7490	8200	8000	7740	17540	39280	63470	1833
72	22094	19540	12617	6199	4605	2933	2584	2652	3492	0	16409	19812	278
73	34600	30600	19800	9600	9400	11800	23000	27000	27800	28600	0	130800	1709
74	18109	17805	4545	402	0	0	0	1	0	766	3876	20240	285
75	21702	19701	15978	15678	14951	14886	14281	16119	13750	14952	19856	22344	42
76	44420	42240	47320	39500	38200	37080	33370	36050	36930	32580	30240	35780	1465
77	13869	14085	7299	678	306	27	0	1	0	2344	7445	14736	120
78	78228	146558	83681	71850	73125	66160	65767	65851	67151	81924	77046	87268	437
79	10607	17955	8820	9743	11410	10003	9530	9088	8744	18227	26700	32216	63
80	58580	52510	28800	20	0	0	0	0	0	120	37680	54730	432
81	9136	8049	6393	4432	4488	4544	2387	4815	4559	5547	7638	10298	50
82	11254	9909	7804	5404	5552	5667	2944	6078	5736	6939	9460	12646	50
83	23700	19160	24270	21010	20890	28850	29900	22970	19200	22580	27120	26510	141
84	56124	49383	31235	15845	12076	7381	6839	8225	9817	17361	30704	62260	417
85	20170	20850	11500	1280	0	0	0	0	30	2170	17100	33380	389
86	28470	26530	16480	6110	1800	0	0	0	0	7270	19720	27840	556
87	8516	7619	5297	3129	2486	1992	1982	2138	2125	2742	3833	7109	844
88	32364	29284	18184	10779	3348	3655	8409	8462	6816	7391	13497	32096	844
89	10292	9761	4874	391	0	0	0	0	0	46	3718	7452	136
90	5936	5355	2194	1183	1044	407	244	376	640	1709	3841	7587	240
91	0	15369	4360	0	0	0	0	0	0	1508	4907	7929	110
92	28967	30859	0	8312	0	0	0	0	0	2798	15944	38718	429
93	20712	18262	11056	1879	0	0	0	0	0	1945	11213	21459	100
94	0	43672	7876	2118	776	0	0	0	0	2513	7610	20754	201
95	0	5943	1730	576	0	73	0	0	0	651	1582	3223	36
96	79289	73137	59785	32853	27615	25283	23441	23006	24595	28232	38636	73205	994
97	13770	13860	2680	0	10	0	0	0	0	90	3060	12950	469
98	12810	12650	4650	630	130	0	0	0	10	90	4920	15280	302
99	18675	17925	10226	1732	0	0	2	0	0	2838	11157	18892	26
100	76600	72900	36200	11800	0	7100	2200	2500	2700	14800	56500	81500	151
101	0	15279	3286	0	0	0	0	0	0	1472	4179	8828	115
102	65150	59350	51130	34920	18120	13430	12900	15000	18830	38530	42700	56160	720
103	18880	17711	19210	17861	17987	16792	14887	11415	0	30237	18491	19551	60
104	55400	55000	17800	800	0	0	0	0	0	9000	29800	61600	698
105	0	0	0	118068	20025	19143	18080	18808	18854	22353	25975	29251	200
106	44404	51882	49237	40205	37828	31687	28141	29013	31976	45964	49775	51932	200
107	17924	18333	1364	0	1	0	0	1	0	0	1741	21870	368
108	67420	59760	42440	18800	17880	16740	16750	17190	18710	26320	45270	72130	419
109	9195	8668	5695	3649	3412	2911	2680	2773	2918	3311	5461	9028	133
110	35300	29200	16800	2700	0	0	0	0	0	1700	12200	34300	644
111	10361	11121	9831	8072	8150	11239	6878	11768	12814	13655	14199	12752	12520
112	29790	27210	15630	40	0	0	0	0	0	5290	15800	31570	354
113	18633	16864	8374	1867	0	0	0	0	0	4294	11299	19892	152
114	0	146300	14700	0	0	0	0	0	0	300	14600	52600	1222
115	11660	11822	4757	187	0	0	0	0	0	542	4136	10737	180
116	16810	17520	7130	720	340	10	0	0	10	1830	0	31270	314
117	0	0	0	0	0	0	0	0	0	0	0	0	2847
118	108000	93600	60900	23700	15500	12600	9500	7300	7900	30700	54900	101800	2847
119	34950	32590	20210	10620	0	12570	2860	2780	2800	0	19430	41410	565
120	13564	12350	8476	4022	2602	1643	1450	1607	1738	4843	8094	13365	153
121	0	72070	21822	11999	3765	2672	2153	2418	2545	12139	26423	45577	392
122	7123	6573	2480	0	0	0	0	0	0	76	2138	6925	139
123	12590	12020	4550	260	0	0	0	0	0	1650	6020	14350	272
124	12749	12356	6049	1861	558	0	0	0	0	1592	7083	14590	216
125	5922	5755	4682	3698	2282	1445	1253	1242	1684	2926	4080	5406	216
126	5294	4832	4697	1865	995	633	597	643	686	1177	3682	5351	31
127	6167	5728	5178	2426	1689	1434	997	1594	1585	2071	0	10350	130
128	5409	5493	3767	2228	694	0	0	0	0	1335	3250	6116	86
129	12725	11866	6266	2161	1	0	0	1	0	1633	6155	14884	241
130	25605	26072	31290	38781	56645	69641	76282	79962	53691	38079	31343	31659	628
131	18157	16658	9565	5470	3433	2750	2533	2875	3247	6380	10123	19119	162
132	5055	4544	3152	2568	2418	2112	2224	1781	1823	3034	3191	5079	65
133	31511	28517	16859	6851	5349	4743	3888	4190	5206	7738	15531	32516	676
134	11066	11196	7983	5984	5720	5582	4907	5237	4701	5098	5112	9755	114
135	11696	13856	8845	4972	7480	17581	27358	23091	22711	6035	8700	14393	296
136	36771	34496	17088	6739	4913	2606	2446	2467	2574	4080	14205	39302	696
137	52029	48076	13814	0	0	0	0	0	0	159	15700	49325	733
138	0	610313	306014	272980	201915	254439	176980	192124	138297	214839	206173	258362	1500
139	27366	23913	14211	5510	4294	8168	9429	7282	5612	5975	13268	23617	373
140	149295	59581	62745	50626	57766	57162	56867	58580	54576	57986	58013	76755	706

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	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MDQ (Dth)
141	161010	74387	66489	47639	41493	26550	25969	30244	28834	42267	51658	70943	360
142	11430	11530	4270	690	150	0	0	0	0	400	3230	13560	340
143	93200	85100	76300	58400	51200	41000	39100	39900	40700	53100	69300	87700	1461
144	108400	99000	90200	69000	60200	47900	45400	46900	48200	61900	80800	102400	1461
145	23668	21114	16419	12936	12824	14473	12281	11041	8982	9108	11737	20666	1362
146	13399	12419	6742	4542	2286	1306	977	1702	2508	4779	8590	13545	204
147	4574	4456	5424	5153	4180	7336	5196	5662	5231	4657	3966	4284	78
148	7160	6390	3210	170	50	0	0	0	0	300	2060	6340	403
149	0	0	0	0	0	0	0	0	0	0	0	13012	130
150	18470	18370	10950	390	190	0	0	0	0	2320	7330	19420	454
151	93094	85764	59028	33104	34646	31577	28588	29704	32208	36335	43007	89433	1464
152	135131	108782	162532	93219	104681	102466	96090	94527	109587	165103	137122	111308	1380
153	65580	60130	45060	32050	25310	17290	14190	13660	16130	33050	46270	65560	400
154	4091	4657	2670	1076	478	31	0	295	992	1448	2713	4346	215
155	13251	14491	7234	3045	1633	818	1163	1178	2642	3081	7840	7852	336
156	69580	65567	40712	8129	0	0	2999	7702	15166	20493	40387	69089	300
157	6125	7072	4419	1894	1146	613	568	1145	1723	2264	3753	7586	198
158	31019	9155	5636	1111	605	380	397	501	845	3513	6141	8437	172
159	20921	18406	12604	4549	3397	2962	2934	2753	3429	5345	9361	17236	60
160	10127	10905	2563	0	0	0	0	1	0	478	3424	12204	228
161	10529	9750	6369	2849	0	0	0	0	2	2533	5999	10337	72
162	0	0	48	383	0	0	0	0	1	1263	3431	9593	211
163	14250	12830	10000	5850	3520	1500	1410	1250	1420	4310	0	20390	523
164	9690	10370	3240	730	0	0	0	0	0	690	3680	10340	403
165	99622	88910	76189	61996	63170	67996	62498	71831	66267	71108	77924	94714	407
166	11821	11220	7341	7223	10772	12239	13419	12298	9217	3348	6893	12853	103
167	99407	81420	68268	53194	43205	39353	36486	43062	39736	55856	68097	101311	1046
168	29731	25872	22640	15662	0	11770	160	5772	8260	13170	19084	29317	172
169	34900	34500	14600	200	0	0	0	0	0	3200	11900	43000	1032
170	15980	16450	4270	450	50	0	0	0	10	690	4900	15720	311
171	10200	8290	3990	620	110	10	0	0	0	1650	4070	12670	340
172	13277	13476	15753	12726	13414	13574	13631	13885	13565	12977	14418	12852	235
173	70098	62481	44149	29800	27921	23859	25174	24534	23173	26510	41386	68604	907
174	0	0	10565	91	0	0	0	0	0	6	1875	5317	187
175	21630	17470	21390	13270	11870	11860	10890	12780	13690	18370	22800	22510	178
176	0	142470	40438	19014	12988	5088	0	0	7900	10578	43116	72842	2169
177	17889	18331	19322	19429	20085	20500	19134	22616	19764	23874	22455	22401	495
178	61797	7445	4641	1678	1098	826	731	763	780	1813	4000	8242	31.2
179	8121	7400	4744	2284	1583	1359	995	1231	1276	2649	4067	8352	156
180	2718	2282	1146	401	45	0	0	0	0	299	1027	2465	81
181	28790	29330	9840	940	260	0	0	0	0	1150	12850	38110	302
182	10041	7938	4483	0	0	0	0	0	0	33	4015	9652	209
183	17380	16400	6750	0	0	0	0	30	0	50	3750	17240	370
184	191778	170447	102404	41210	0	0	0	0	1017	203	110513	200502	1225
185	73264	65476	52288	44405	42932	32371	30434	31628	34545	56122	50091	82300	267
186	0	0	0	0	0	0	273390	30250	0	59730	35470	40020	748
187	7700	6700	6810	1110	0	0	0	0	0	2550	0	16670	202
188	60603	53480	33127	9132	2973	0	0	0	0	20433	44830	68423	859
189	482700	418000	501200	468300	456000	391800	413800	478100	494600	477200	438400	390200	3432
190	38211	38185	12898	140	0	0	0	0	0	1056	13776	46314	934
191	4053	4302	2914	698	8	7	8	7	8	678	2444	3661	48
192	0	0	0	0	0	0	0	0	2856	3535	3837	6386	254
193	33580	30456	6657	4101	0	0	0	0	0	9168	17460	31558	31
194	24736	22661	13807	4698	1050	0	0	0	0	4116	14841	24620	336
195	52980	50700	32060	9040	2160	1340	980	0	2680	0	42323	56376	1046
196	34870	30890	20760	10780	8380	6670	6330	6610	1330	5470	34900	33280	624
197	35550	32380	20280	9840	8390	6430	5990	6260	11800	15250	1360	36070	622
198	45404	41147	31701	15774	12580	71735	90038	91290	81929	10497	24975	40731	360
199	15307	14035	8929	4779	1026	0	0	0	0	4561	10968	16114	89
200	38041	34970	22820	13132	1810	0	0	0	0	10919	22210	37162	240
201	11327	9868	3510	1528	0	0	0	0	0	1416	5710	9325	98
202	72235	71457	88360	81925	81355	82814	79683	78752	78727	79606	91634	95881	1151
203	76300	76400	56300	24400	28400	16900	14100	18300	18400	15000	48100	83500	1400
204	33997	30382	21089	201	0	0	0	0	0	161	0	59251	522
205	17553	14661	19347	13511	17099	17868	14774	18172	17380	16626	18162	18156	305
206	38090	31540	21210	3070	2410	0	0	0	10	570	24040	37750	305
207	51111	49239	34161	37683	50278	68176	75134	73102	51366	37390	29346	49076	456
208	9594	8453	4516	1470	1217	1127	884	507	532	619	2831	8543	251
209	23629	24146	9277	227	0	0	0	0	0	0	8057	23468	170
210	50356	46768	29819	18573	14194	11086	9879	9996	10018	19694	31826	47409	504

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	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MDQ (Dth)
211	57100	39000	32400	28000	61500	94300	300	0	0	17800	36800	31500	302
212	120349	106638	74890	28454	16255	9333	3923	2732	7806	29431	75479	103719	518
213	12537	10986	9505	6347	5658	5602	4658	4457	4981	5001	9011	12755	269
214	169700	0	290700	3300	0	0	100	0	0	400	143900	313600	1669
215	0	192700	378200	0	3600	0	0	0	0	400	158900	330000	1669
216	14720	15251	20646	16140	14814	14089	12691	14609	14566	16628	15643	18560	168
217	5078	4746	4547	2752	3439	3049	2807	2948	3118	3051	3510	5606	126
218	0	13880	2334	167	14	0	13	0	11	36	1166	6213	90
219	0	13809	2201	138	14	0	6	3	7	0	1174	6146	90
220	5017	4482	2232	319	408	0	2	0	2	1366	2635	4776	120
221	9032	8742	5468	2704	510	0	0	0	15	2751	5985	10329	120
222	48910	43440	36340	11040	9570	5230	3540	4270	6310	19700	31740	48120	958
223	164860	140640	103980	73320	40090	0	0	10	0	56940	85410	147980	2191
224	77662	70565	40840	15666	8168	0	0	0	0	11783	31199	78599	1565
225	386260	117890	79290	30320	10940	0	0	0	0	25230	67270	111820	2087
226	0	0	0	0	0	0	0	0	5920	10650	9700	12010	277
227	7096	6941	6073	5158	4026	3189	3139	3384	3696	4924	5828	7346	144
228	33815	30238	16684	9432	4791	3680	3522	3326	3866	8705	25138	34607	500
229	37617	33680	19985	11561	5790	4899	4351	4566	4774	10889	10626	38511	500
230	11152	9323	4514	1376	0	0	0	0	1	801	3093	8403	295
231	0	0	0	0	0	0	0	0	91441	622	2451	7660	302
232	78900	75100	57200	46400	30100	0	0	42400	33600	45400	55500	93600	946
233	53767	44952	55778	45917	44190	39056	30002	30468	43611	40669	41498	36897	503
234	22460	23050	11000	5420	2630	2160	2240	2780	4190	7490	14090	25190	180
235	6016	5419	3316	964	0	0	0	0	0	777	2472	5945	54
236	98000	47600	28600	15700	11400	7500	6600	10300	11100	16800	21900	50200	728
237	10060	11690	3280	500	0	0	0	0	40	430	3720	11250	277
238	5747	5424	3556	1010	0	2183	970	1161	1233	1180	2860	5639	402
239	5662	5404	3597	971	0	2160	951	1158	1258	1191	2865	5640	402
240	31349	16437	7885	483	0	0	0	0	18	239	6329	19452	27
241	29660	27980	16840	8600	7790	5430	5070	5460	6090	10400	18020	31810	403
242	17102	15703	9432	5879	3780	2146	759	20	12	3689	7299	17473	131
243	44090	39250	22690	6640	4920	2250	2170	2240	2350	12000	21540	41360	496
244	32580	29300	17020	7660	6040	4080	3890	4510	5120	11320	19310	37380	549
245	0	0	200	79600	90900	175900	176000	182100	98000	126300	138400	25600	750
246	22593	19520	13155	7536	0	0	0	0	6	5251	12496	22221	324
247	96700	96700	89800	61900	57200	52800	45700	42600	32100	64200	63600	80600	900
248	12392	11912	4190	84	276	0	0	0	0	1297	3051	12171	163
249	2791	2837	1299	673	151	52	11	14	27	439	1454	3533	74
250	0	16117	4513	2965	2076	0	0	4661	1472	3217	4071	6322	73
251	10700	0	0	0	0	0	0	0	0	0	0	0	1355
252	68755	66172	50079	31833	25069	16718	16203	22599	24290	34835	0	120282	400
253	15526	14391	7789	1439	260	0	0	0	0	655	3475	17668	235
254	0	0	0	0	0	0	0	0	0	0	0	77644	1269
255	33700	33000	12500	1200	0	0	0	0	0	1300	12400	41900	958
256	12245	13644	5365	0	0	0	0	0	11	558	3640	9479	432
257	15240	10290	5460	840	140	0	0	0	0	2090	15350	49910	424
258	40620	28920	14600	2220	290	0	0	0	0	10	90	1930	424
259	24206	26605	15148	3567	0	0	0	10	0	4767	10681	22159	351
260	7786	8789	3350	352	0	0	0	0	0	1561	4974	8706	281
261	35490	27370	11650	10	0	0	0	0	0	1160	14110	28860	244
262	13890	12608	5397	1313	1128	49	0	1	0	4594	7932	14416	200
263	12095	9660	3537	66	0	0	0	0	0	162	4021	12409	115
264	9830	8820	4360	70	0	0	0	0	0	280	3240	10280	240
265	10860	11982	3390	423	51	0	0	0	0	344	3475	11100	260
266	18595	16963	9811	4384	3019	1723	1835	2022	2375	6083	12364	22636	424
267	23799	21848	14730	9477	8105	6072	5563	5806	6172	9496	15302	27144	424
268	7964	7250	4772	2534	1259	456	384	409	486	2503	4835	8253	174
269	37332	7113	5346	3088	1407	578	481	498	595	2975	5205	8279	174
270	7746	7200	4444	2181	1092	400	554	355	419	2266	4747	8496	174
271	6602	6073	5333	3628	727	499	439	476	469	1905	6340	8442	140
272	17918	17250	11578	4776	2061	1665	1681	1687	1792	7033	11447	18363	140
273	62583	56471	32580	13897	10657	7164	4829	4871	6522	16948	36599	67465	522
274	34240	30833	13136	3033	1848	0	0	0	0	0	18946	41097	301
275	86872	81086	46292	19694	12139	6620	6017	6231	0	27588	41918	87125	173
276	19680	20920	10210	870	320	0	0	0	0	3220	8930	24010	554
277	17970	16696	6266	2776	1365	1050	1162	967	549	924	7796	17962	302
278	64368	58387	39342	28173	27209	25694	25786	25551	26730	32191	29562	51630	240
279	44536	0	0	100499	25205	22855	22748	22428	21894	25632	29263	44215	123
280	7083	7089	2470	16	0	0	0	0	0	43	3805	7593	83

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	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MDQ (Dth)
281	9098	8782	3655	0	17	0	0	0	0	16	4631	8766	75
282	13071	11775	7507	2452	1181	0	0	0	0	3001	6721	11120	163
283	17680	15540	11590	7720	5070	2680	2440	2600	2960	5880	10650	17400	266
284	8166	8294	5043	0	0	0	0	0	0	569	5629	7636	82
285	16957	15435	6669	23	0	0	0	0	0	2204	8259	17406	186
286	17950	17150	12480	6480	1170	380	560	2620	410	2270	13040	18050	419
287	9540	9022	5393	2046	4	0	0	0	0	0	5696	10222	54
290	28000	0	2300	27000	27100	52300	43300	42800	56400	42600	0	47200	750
291	19250	21690	6040	780	50	0	0	0	10	1480	5540	15520	383
292	428900	383100	293100	214800	188300	145400	125500	129200	135300	183000	239800	390700	5500
293	396500	354200	271800	199600	174700	135100	116400	119900	126200	170500	221800	359600	5500
294	0	1614900	591500	422100	345500	278300	254100	260700	275400	395400	509400	720000	4740
295	0	1500	0	0	0	0	0	0	0	0	0	64000	4740
296	11100	5300	100	2400	31400	14900	88300	95000	32300	19900	0	1600	4372
297	3700	800	0	0	12000	5200	30800	33000	11200	7600	0	500	4372
298	0	0	0	0	0	0	215	245	549	1128	666	347	4372
299	72600	64100	40300	21500	23800	16800	15800	15600	16900	20500	25600	44200	1222
300	52690	50670	41750	30850	25380	20720	19710	19900	20700	24240	33820	48660	432
301	10174	9227	12777	11483	9270	9327	9649	11981	9473	8809	8204	10417	141
302	81179	72306	51574	41055	32967	21005	20164	17063	20857	43725	54369	87517	576
303	54218	48752	28597	10039	8364	5995	5455	5444	6039	12915	35815	62968	648
304	6161	5022	2278	1759	5114	1184	673	3677	5296	6397	3517	2071	95
305	59411	55890	47923	35658	33837	29110	22910	23486	27034	34653	42768	58447	500
306	41600	37800	29300	8100	0	0	0	0	0	5400	23100	40100	547
307	13880	12320	6430	0	0	0	0	0	0	2030	6350	14680	144
308	55077	50815	33044	11908	6088	5009	4731	4806	4336	13072	29552	58964	479
309	22385	20452	12955	5009	1485	0	4956	2029	2606	7401	13094	23304	360
310	12187	11355	6323	0	0	0	0	0	0	1569	7099	12829	167
311	54765	51819	37358	27316	19549	17675	19282	11917	22763	27985	40572	64540	43
312	24504	21545	12774	5102	2678	0	0	0	0	8985	17661	34949	576
313	28856	25402	19655	759	0	9	0	0	0	5239	22449	30226	100
314	13420	17930	4290	0	50	0	0	0	0	90	3950	16000	383
315	12769	7386	5435	489	4830	2002	213	0	68	3984	4016	11168	449
316	5932	5091	2454	211	18	2	0	0	0	70	1683	4798	82
317	10093	9347	4461	149	2454	6309	7095	4990	3745	565	5168	16410	599
318	9223	8560	4042	136	2189	5910	6214	4429	3358	511	4624	14746	599
319	39512	35824	22741	17739	14952	11761	10494	10513	11344	20147	24000	42222	1080
320	31141	28261	18005	13839	11632	9289	8367	8417	9203	16198	19210	33428	1080
321	25098	44002	18797	2029	0	0	0	0	0	0	14311	38662	925
322	8102	7545	2801	160	0	0	0	0	0	678	3160	8398	75
323	15004	19351	7161	1866	0	0	0	0	0	2704	6783	12625	272
324	18760	16220	8580	3120	0	0	0	0	0	2100	8270	19810	272

## **Tab 8**

Docket No. R-11XXX

Item 53.64 (c)(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:

- (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 2010 - December 2010 (ccf)**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MDQ (Dth)
1	1051315	946626	938763	499597	773255	800676	898374	846687	876950	932327	688036	1176607	
2	243975	201748	213899	171232	191785	198835	176041	195480	168800	192280	189600	198450	1927
3	11714	11935	13474	10956	11977	12385	11558	13387	11883	9480	10371	7208	1875
4	117789	101888	103717	89372	90945	79894	74270	88454	80184	83875	91704	99538	
5	98969	95983	48569	6586	0	0	12	0	0	13051	54300	107240	784
6	31385	27721	19000	10291	2769	1991	1881	1849	1958	7941	17253	32921	291
7	15340	15930	7560	0	0	0	0	0	0	1170	8000	17090	302
8	11450	9900	4700	580	50	0	0	0	0	910	4280	11870	348
9	13147	11246	3556	107	11	0	32	0	0	85	5116	12688	591
10	29031	29603	13218	3894	20	31	41	51	61	2043	17376	32593	120
11	202431	183736	155752	139667	136855	128958	132868	136653	135624	133762	147513	212873	420
12	9919	12597	6396	1660	6	4	5	5	5	1245	0	20967	46
13	14644	13897	6375	1084	0	0	0	0	0	1168	6617	17779	64
14	17537	16001	7427	715	0	0	0	0	0	1862	7711	18578	55
15	12775	11727	6238	380	331	295	299	285	301	581	4266	12854	237
16	33080	28990	32000	30580	32420	30210	29570	30860	30500	31980	30150	31250	703
17	29128	26116	25957	23402	23758	22267	23691	22193	20969	22585	23648	29057	703
18	4776	4276	2577	940	711	539	471	473	569	1138	2285	4461	48
19	0	26590	37090	0	20	0	0	0	0	0	14590	22090	81
20	3275	3399	827	40	30	0	0	0	0	286	228	1195	732
21	26730	25590	13020	1010	1180	60	70	40	0	3160	11050	26710	209
22	79236	73119	75694	67822	63938	60317	60492	65967	47911	65433	65354	77381	550
23	24900	19700	7900	500	0	0	0	0	0	400	8400	26300	302
24	53909	25746	0	30253	0	9590	4826	5001	5011	9477	16567	27845	264
25	32969	29777	19482	6716	3591	2414	2011	2065	2534	8226	19688	31886	320
26	9531	8711	5640	1648	1618	1356	971	1299	1439	1653	6587	8707	480
27	49320	39970	33170	26670	24020	16760	15100	13470	16600	26480	36320	55130	240
28	0	4495	1905	741	374	0	0	0	0	318	2617	5489	120
29	4453	4495	1905	741	374	0	0	0	0	318	2617	5489	120
30	22549	21092	12336	5736	4932	0	6341	2158	2266	5344	13365	22819	75
31	20630	18330	13980	2820	0	0	0	0	10	5140	17820	23570	377
32	15867	13807	9469	8053	6726	4167	3887	4046	4903	5812	10802	19263	215
33	35500	33172	26038	8875	4785	2531	2189	2446	2937	12175	30203	36686	3128
34	33225	28719	21317	5831	4315	3268	3172	3289	3578	12773	23646	37412	782
35	34593	33695	20965	5586	3685	3375	2755	3556	4229	12004	25418	36291	782
36	30406	27458	16212	7230	5447	3973	3022	3204	4689	9398	20217	34176	782
37	13476	13529	4501	0	0	0	0	8	0	0	3522	18397	235
38	20732	26810	19073	3953	1056	2329	0	5839	5123	7134	11826	27684	346
39	62798	58227	31089	8790	5329	1089	961	1164	1089	9964	33759	69591	490
40	4417	3895	2397	1288	1075	229	0	0	0	565	2453	4521	64
41	4310	4066	2394	1034	890	447	0	0	0	783	2244	4298	64
42	4806	4378	3284	637	0	0	0	0	0	795	0	7417	64
43	3705	3455	2247	935	848	560	536	421	152	964	2198	3762	64
44	21384	11300	6810	1245	0	0	0	0	0	1761	5482	12231	90
45	10440	12560	16180	12990	12860	15350	7480	15440	14560	15020	14230	14340	313
46	13727	11481	3801	0	0	0	0	0	5	322	5444	13457	149
47	68530	64674	25133	3696	723	0	0	0	0	1088	27082	76921	316
48	15690	14680	8840	3860	770	0	0	0	0	4610	7710	13790	269
49	71290	59930	92660	62740	83670	82300	93750	92690	69540	59090	61240	44220	707
50	27234	25923	31440	29952	31042	28894	31801	32879	31634	32234	8093	8557	707
51	53400	51798	25312	3418	0	0	0	0	0	7262	24884	51050	192
52	14133	13543	7391	2103	0	0	0	0	9	56	7805	15534	111
53	7573	7319	4561	1470	1192	320	1065	1848	2669	3253	4116	6312	183
54	16674	14922	6207	70	67	0	0	0	0	1070	8895	19473	72
55	70700	61763	0	104826	41475	34054	31596	32270	35471	47730	51782	66149	408
56	2764	2370	1330	174	65	0	0	0	0	806	1328	2656	41
57	0	0	0	0	100	0	0	0	0	0	0	0	3300
58	141500	133300	123700	123300	109800	136100	194100	128700	101100	0	204000	171500	3300
59	338633	308238	224684	187326	166973	167107	146219	130151	127741	173401	213704	385900	1300
60	8618	7980	6217	5882	6213	6527	5764	6405	7001	8455	10390	15339	281
61	40900	36313	15146	3275	1842	0	0	0	0	2155	17338	33929	720
62	31373	26177	17126	8556	4405	1500	1366	1473	1714	5302	17487	31333	432
63	2083	2066	1199	259	157	0	0	0	0	475	1129	2251	346
64	12407	13963	11602	5916	877	0	0	0	0	4907	14151	23018	222
65	16850	16280	10580	350	890	240	0	0	10	40	7570	16750	168
66	9158	8477	9250	8226	5550	6799	6106	6184	6081	7270	9471	9540	30
67	33660	30850	30140	21490	17360	18970	15870	18130	14690	19140	32460	36060	418
68	7357	6377	8387	6775	6321	6114	5079	6540	5698	6769	6410	6943	513
69	6053	6133	2733	304	0	0	19	0	0	456	2508	6446	223
70	13026	11706	5347	3013	1830	148	131	7	0	2262	4570	13069	257

**Philadelphia Gas Works  
January 2010 - December 2010 (ccf)**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MDQ (Dth)
71	69890	65570	36450	16360	11020	7490	8200	8000	7740	17540	39280	63470	1833
72	22094	19540	12617	6199	4605	2933	2584	2652	3492	0	16409	19812	278
73	34600	30600	19800	9600	9400	11800	23000	27000	27800	28600	0	130800	1709
74	18109	17805	4545	402	0	0	0	1	0	766	3876	20240	285
75	21702	19701	15978	15678	14951	14886	14281	16119	13750	14952	19856	22344	42
76	44420	42240	47320	39500	38200	37080	33370	36050	36930	32580	30240	35780	1465
77	13869	14085	7299	678	306	27	0	1	0	2344	7445	14736	120
78	78228	146558	83681	71850	73125	66160	65767	65851	67151	81924	77046	87268	437
79	10607	17955	8820	9743	11410	10003	9530	9088	8744	18227	26700	32216	63
80	58580	52510	28800	20	0	0	0	0	0	120	37680	54730	432
81	9136	8049	6393	4432	4488	4544	2387	4815	4559	5547	7638	10298	50
82	11254	9909	7804	5404	5552	5667	2944	6078	5736	6939	9460	12646	50
83	23700	19160	24270	21010	20890	28850	29900	22970	19200	22580	27120	26510	141
84	56124	49383	31235	15845	12076	7381	6839	8225	9817	17361	30704	62260	417
85	20170	20850	11500	1280	0	0	0	0	30	2170	17100	33380	389
86	28470	26530	16480	6110	1800	0	0	0	0	7270	19720	27840	556
87	8516	7619	5297	3129	2486	1992	1982	2138	2125	2742	3833	7109	844
88	32364	29284	18184	10779	3348	3655	8409	8462	6816	7391	13497	32096	844
89	10292	9761	4874	391	0	0	0	0	0	46	3718	7452	136
90	5936	5355	2194	1183	1044	407	244	376	640	1709	3841	7587	240
91	0	15369	4360	0	0	0	0	0	0	1508	4907	7929	110
92	28967	30859	0	8312	0	0	0	0	0	2798	15944	38718	429
93	20712	18262	11056	1879	0	0	0	0	0	1945	11213	21459	100
94	0	43672	7876	2118	776	0	0	0	0	2513	7610	20754	201
95	0	5943	1730	576	0	73	0	0	0	651	1582	3223	36
96	79289	73137	59785	32853	27615	25283	23441	23006	24595	28232	38636	73205	994
97	13770	13860	2680	0	10	0	0	0	0	90	3060	12950	469
98	12810	12650	4650	630	130	0	0	0	10	90	4920	15280	302
99	18675	17925	10226	1732	0	0	2	0	0	2838	11157	18892	26
100	76600	72900	36200	11800	0	7100	2200	2500	2700	14800	56500	81500	151
101	0	15279	3286	0	0	0	0	0	0	1472	4179	8828	115
102	65150	59350	51130	34920	18120	13430	12900	15000	18830	38530	42700	56160	720
103	18880	17711	19210	17861	17987	16792	14887	11415	0	30237	18491	19551	60
104	55400	55000	17800	800	0	0	0	0	0	9000	29800	61600	698
105	0	0	0	118068	20025	19143	18080	18808	18854	22353	25975	29251	200
106	44404	51882	49237	40205	37828	31687	28141	29013	31976	45964	49775	51932	200
107	17924	18333	1364	0	1	0	0	1	0	0	1741	21870	368
108	67420	59760	42440	18800	17880	16740	16750	17190	18710	26320	45270	72130	419
109	9195	8668	5695	3649	3412	2911	2680	2773	2918	3311	5461	9028	133
110	35300	29200	16800	2700	0	0	0	0	0	1700	12200	34300	644
111	10361	11121	9831	8072	8150	11239	6878	11768	12814	13655	14199	12752	12520
112	29790	27210	15630	40	0	0	0	0	0	5290	15800	31570	354
113	18633	16864	8374	1867	0	0	0	0	0	4294	11299	19892	152
114	0	146300	14700	0	0	0	0	0	0	300	14600	52600	1222
115	11660	11822	4757	187	0	0	0	0	0	542	4136	10737	180
116	16810	17520	7130	720	340	10	0	0	10	1830	0	31270	314
117	0	0	0	0	0	0	0	0	0	0	0	0	2847
118	108000	93600	60900	23700	15500	12600	9500	7300	7900	30700	54900	101800	2847
119	34950	32590	20210	10620	0	12570	2860	2780	2800	0	19430	41410	565
120	13564	12350	8476	4022	2602	1643	1450	1607	1738	4843	8094	13365	153
121	0	72070	21822	11999	3765	2672	2153	2418	2545	12139	26423	45577	392
122	7123	6573	2480	0	0	0	0	0	0	76	2138	6925	139
123	12590	12020	4550	260	0	0	0	0	0	1650	6020	14350	272
124	12749	12356	6049	1861	558	0	0	0	0	1592	7083	14590	216
125	5922	5755	4682	3698	2282	1445	1253	1242	1684	2926	4080	5406	216
126	5294	4832	4697	1865	995	633	597	643	686	1177	3682	5351	31
127	6167	5728	5178	2426	1689	1434	997	1594	1585	2071	0	10350	130
128	5409	5493	3767	2228	694	0	0	0	0	1335	3250	6116	86
129	12725	11866	6266	2161	1	0	0	1	0	1633	6155	14884	241
130	25605	26072	31290	38781	56645	69641	76282	79962	53691	38079	31343	31659	628
131	18157	16658	9565	5470	3433	2750	2533	2875	3247	6380	10123	19119	162
132	5055	4544	3152	2568	2418	2112	2224	1781	1823	3034	3191	5079	65
133	31511	28517	16859	6851	5349	4743	3888	4190	5206	7738	15531	32516	676
134	11066	11196	7983	5984	5720	5582	4907	5237	4701	5098	5112	9755	114
135	11696	13856	8845	4972	7480	17581	27358	23091	22711	6035	8700	14393	296
136	36771	34496	17088	6739	4913	2606	2446	2467	2574	4080	14205	39302	696
137	52029	48076	13814	0	0	0	0	0	0	159	15700	49325	733
138	0	610313	306014	272980	201915	254439	176980	192124	138297	214839	206173	258362	1500
139	27366	23913	14211	5510	4294	8168	9429	7282	5612	5975	13268	23617	373
140	149295	59581	62745	50626	57766	57162	56867	58580	54576	57986	58013	76755	706

**Philadelphia Gas Works  
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	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MDQ (Dth)
141	161010	74387	66489	47639	41493	26550	25969	30244	28834	42267	51658	70943	360
142	11430	11530	4270	690	150	0	0	0	0	400	3230	13560	340
143	93200	85100	76300	58400	51200	41000	39100	39900	40700	53100	69300	87700	1461
144	108400	99000	90200	69000	60200	47900	45400	46900	48200	61900	80800	102400	1461
145	23668	21114	16419	12936	12824	14473	12281	11041	8982	9108	11737	20666	1362
146	13399	12419	6742	4542	2286	1306	977	1702	2508	4779	8590	13545	204
147	4574	4456	5424	5153	4180	7336	5196	5662	5231	4657	3966	4284	78
148	7160	6390	3210	170	50	0	0	0	0	300	2060	6340	403
149	0	0	0	0	0	0	0	0	0	0	0	13012	130
150	18470	18370	10950	390	190	0	0	0	0	2320	7330	19420	454
151	93094	85764	59028	33104	34646	31577	28588	29704	32208	36335	43007	89433	1464
152	135131	108782	162532	93219	104681	102466	96090	94527	109587	165103	137122	111308	1380
153	65580	60130	45060	32050	25310	17290	14190	13660	16130	33050	46270	65560	400
154	4091	4657	2670	1076	478	31	0	295	992	1448	2713	4346	215
155	13251	14491	7234	3045	1633	818	1163	1178	2642	3081	7840	7852	336
156	69580	65567	40712	8129	0	0	2999	7702	15166	20493	40387	69089	300
157	6125	7072	4419	1894	1146	613	568	1145	1723	2264	3753	7586	198
158	31019	9155	5636	1111	605	380	397	501	845	3513	6141	8437	172
159	20921	18406	12604	4549	3397	2962	2934	2753	3429	5345	9361	17236	60
160	10127	10905	2563	0	0	0	0	1	0	478	3424	12204	228
161	10529	9750	6369	2849	0	0	0	0	2	2533	5999	10337	72
162	0	0	48	383	0	0	0	0	1	1263	3431	9593	211
163	14250	12830	10000	5850	3520	1500	1410	1250	1420	4310	0	20390	523
164	9690	10370	3240	730	0	0	0	0	0	690	3680	10340	403
165	99622	88910	76189	61996	63170	67996	62498	71831	66267	71108	77924	94714	407
166	11821	11220	7341	7223	10772	12239	13419	12298	9217	3348	6893	12853	103
167	99407	81420	68268	53194	43205	39353	36486	43062	39736	55856	68097	101311	1046
168	29731	25872	22640	15662	0	11770	160	5772	8260	13170	19084	29317	172
169	34900	34500	14600	200	0	0	0	0	0	3200	11900	43000	1032
170	15980	16450	4270	450	50	0	0	0	10	690	4900	15720	311
171	10200	8290	3990	620	110	10	0	0	0	1650	4070	12670	340
172	13277	13476	15753	12726	13414	13574	13631	13885	13565	12977	14418	12852	235
173	70098	62481	44149	29800	27921	23859	25174	24534	23173	26510	41386	68604	907
174	0	0	10565	91	0	0	0	0	0	6	1875	5317	187
175	21630	17470	21390	13270	11870	11860	10890	12780	13690	18370	22800	22510	178
176	0	142470	40438	19014	12988	5088	0	0	7900	10578	43116	72842	2169
177	17889	18331	19322	19429	20085	20500	19134	22616	19764	23874	22455	22401	495
178	61797	7445	4641	1678	1098	826	731	763	780	1813	4000	8242	31.2
179	8121	7400	4744	2284	1583	1359	995	1231	1276	2649	4067	8352	156
180	2718	2282	1146	401	45	0	0	0	0	299	1027	2465	81
181	28790	29330	9840	940	260	0	0	0	0	1150	12850	38110	302
182	10041	7938	4483	0	0	0	0	0	0	33	4015	9652	209
183	17380	16400	6750	0	0	0	0	30	0	50	3750	17240	370
184	191778	170447	102404	41210	0	0	0	0	1017	203	110513	200502	1225
185	73264	65476	52288	44405	42932	32371	30434	31628	34545	56122	50091	82300	267
186	0	0	0	0	0	0	273390	30250	0	59730	35470	40020	748
187	7700	6700	6810	1110	0	0	0	0	0	2550	0	16670	202
188	60603	53480	33127	9132	2973	0	0	0	0	20433	44830	68423	859
189	482700	418000	501200	468300	456000	391800	413800	478100	494600	477200	438400	390200	3432
190	38211	38185	12898	140	0	0	0	0	0	1056	13776	46314	934
191	4053	4302	2914	698	8	7	8	7	8	678	2444	3661	48
192	0	0	0	0	0	0	0	0	2856	3535	3837	6386	254
193	33580	30456	6657	4101	0	0	0	0	0	9168	17460	31558	31
194	24736	22661	13807	4698	1050	0	0	0	0	4116	14841	24620	336
195	52980	50700	32060	9040	2160	1340	980	0	2680	0	42323	56376	1046
196	34870	30890	20760	10780	8380	6670	6330	6610	1330	5470	34900	33280	624
197	35550	32380	20280	9840	8390	6430	5990	6260	11800	15250	1360	36070	622
198	45404	41147	31701	15774	12580	71735	90038	91290	81929	10497	24975	40731	360
199	15307	14035	8929	4779	1026	0	0	0	0	4561	10968	16114	89
200	38041	34970	22820	13132	1810	0	0	0	0	10919	22210	37162	240
201	11327	9868	3510	1528	0	0	0	0	0	1416	5710	9325	98
202	72235	71457	88360	81925	81355	82814	79683	78752	78727	79606	91634	95881	1151
203	76300	76400	56300	24400	28400	16900	14100	18300	18400	15000	48100	83500	1400
204	33997	30382	21089	201	0	0	0	0	0	161	0	59251	522
205	17553	14661	19347	13511	17099	17868	14774	18172	17380	16626	18162	18156	305
206	38090	31540	21210	3070	2410	0	0	0	10	570	24040	37750	305
207	51111	49239	34161	37683	50278	68176	75134	73102	51366	37390	29346	49076	456
208	9594	8453	4516	1470	1217	1127	884	507	532	619	2831	8543	251
209	23629	24146	9277	227	0	0	0	0	0	0	8057	23468	170
210	50356	46768	29819	18573	14194	11086	9879	9996	10018	19694	31826	47409	504

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	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MDQ (Dth)
211	57100	39000	32400	28000	61500	94300	300	0	0	17800	36800	31500	302
212	120349	106638	74890	28454	16255	9333	3923	2732	7806	29431	75479	103719	518
213	12537	10986	9505	6347	5658	5602	4658	4457	4981	5001	9011	12755	269
214	169700	0	290700	3300	0	0	100	0	0	400	143900	313600	1669
215	0	192700	378200	0	3600	0	0	0	0	400	158900	330000	1669
216	14720	15251	20646	16140	14814	14089	12691	14609	14566	16628	15643	18560	168
217	5078	4746	4547	2752	3439	3049	2807	2948	3118	3051	3510	5606	126
218	0	13880	2334	167	14	0	13	0	11	36	1166	6213	90
219	0	13809	2201	138	14	0	6	3	7	0	1174	6146	90
220	5017	4482	2232	319	408	0	2	0	2	1366	2635	4776	120
221	9032	8742	5468	2704	510	0	0	0	15	2751	5985	10329	120
222	48910	43440	36340	11040	9570	5230	3540	4270	6310	19700	31740	48120	958
223	164860	140640	103980	73320	40090	0	0	10	0	56940	85410	147980	2191
224	77662	70565	40840	15666	8168	0	0	0	0	11783	31199	78599	1565
225	386260	117890	79290	30320	10940	0	0	0	0	25230	67270	111820	2087
226	0	0	0	0	0	0	0	0	5920	10650	9700	12010	277
227	7096	6941	6073	5158	4026	3189	3139	3384	3696	4924	5828	7346	144
228	33815	30238	16684	9432	4791	3680	3522	3326	3866	8705	25138	34607	500
229	37617	33680	19985	11561	5790	4899	4351	4566	4774	10889	10626	38511	500
230	11152	9323	4514	1376	0	0	0	0	1	801	3093	8403	295
231	0	0	0	0	0	0	0	0	91441	622	2451	7660	302
232	78900	75100	57200	46400	30100	0	0	42400	33600	45400	55500	93600	946
233	53767	44952	55778	45917	44190	39056	30002	30468	43611	40689	41498	36897	503
234	22460	23050	11000	5420	2630	2160	2240	2780	4190	7490	14090	25190	180
235	6016	5419	3316	964	0	0	0	0	0	777	2472	5945	54
236	98000	47600	28600	15700	11400	7500	6600	10300	11100	16800	21900	50200	728
237	10060	11690	3280	500	0	0	0	0	40	430	3720	11250	277
238	5747	5424	3556	1010	0	2183	970	1161	1233	1180	2860	5639	402
239	5662	5404	3597	971	0	2160	951	1158	1258	1191	2865	5640	402
240	31349	16437	7885	483	0	0	0	0	18	239	6329	19452	27
241	29660	27980	16840	8600	7790	5430	5070	5460	6090	10400	18020	31810	403
242	17102	15703	9432	5879	3780	2146	759	20	12	3689	7299	17473	131
243	44090	39250	22690	6640	4920	2250	2170	2240	2350	12000	21540	41360	496
244	32580	29300	17020	7660	6040	4080	3890	4510	5120	11320	19310	37380	549
245	0	0	200	79600	90900	175900	176000	182100	98000	126300	138400	25600	750
246	22593	19520	13155	7536	0	0	0	0	6	5251	12496	22221	324
247	96700	96700	89800	61900	57200	52800	45700	42600	32100	64200	63600	80600	900
248	12392	11912	4190	84	276	0	0	0	0	1297	3051	12171	163
249	2791	2837	1299	673	151	52	11	14	27	439	1454	3533	74
250	0	16117	4513	2965	2076	0	0	4661	1472	3217	4071	6322	73
251	10700	0	0	0	0	0	0	0	0	0	0	0	1355
252	68755	66172	50079	31833	25069	16718	16203	22599	24290	34835	0	120282	400
253	15526	14391	7789	1439	260	0	0	0	0	655	3475	17668	235
254	0	0	0	0	0	0	0	0	0	0	0	77644	1269
255	33700	33000	12500	1200	0	0	0	0	0	1300	12400	41900	958
256	12245	13644	5365	0	0	0	0	0	11	558	3640	9479	432
257	15240	10290	5460	840	140	0	0	0	0	2090	15350	49910	424
258	40620	28920	14600	2220	290	0	0	0	0	10	90	1930	424
259	24206	26605	15148	3567	0	0	0	10	0	4767	10681	22159	351
260	7786	8789	3350	352	0	0	0	0	0	1561	4974	8706	281
261	35490	27370	11650	10	0	0	0	0	0	1160	14110	28860	244
262	13890	12608	5397	1313	1128	49	0	1	0	4594	7932	14416	200
263	12095	9660	3537	66	0	0	0	0	0	162	4021	12409	115
264	9830	8820	4360	70	0	0	0	0	0	280	3240	10280	240
265	10860	11982	3390	423	51	0	0	0	0	344	3475	11100	260
266	18595	16963	9811	4384	3019	1723	1835	2022	2375	6083	12364	22636	424
267	23799	21848	14730	9477	8105	6072	5563	5806	6172	9496	15302	27144	424
268	7964	7250	4772	2534	1259	456	384	409	486	2503	4835	8253	174
269	37332	7113	5346	3088	1407	578	481	498	595	2975	5205	8279	174
270	7746	7200	4444	2181	1092	400	554	355	419	2266	4747	8496	174
271	6602	6073	5333	3628	727	499	439	476	469	1905	6340	8442	140
272	17918	17250	11578	4776	2061	1665	1681	1687	1792	7033	11447	18363	140
273	62583	56471	32580	13897	10657	7164	4829	4871	6522	16948	36599	67465	522
274	34240	30833	13136	3033	1848	0	0	0	0	0	18946	41097	301
275	86872	81086	46292	19694	12139	6620	6017	6231	0	27588	41918	87125	173
276	19680	20920	10210	870	320	0	0	0	0	3220	8930	24010	554
277	17970	16696	6266	2776	1365	1050	1162	967	549	924	7796	17962	302
278	64368	58387	39342	28173	27209	25694	25786	25551	26730	32191	29562	51630	240
279	44536	0	0	100499	25205	22855	22748	22428	21894	25632	29263	44215	123
280	7083	7089	2470	16	0	0	0	0	0	43	3805	7593	83

**Philadelphia Gas Works  
January 2010 - December 2010 (ccf)**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MDQ (Dth)
281	9098	8782	3655	0	17	0	0	0	0	16	4631	8766	75
282	13071	11775	7507	2452	1181	0	0	0	0	3001	6721	11120	163
283	17680	15540	11590	7720	5070	2680	2440	2600	2960	5880	10650	17400	266
284	8166	8294	5043	0	0	0	0	0	0	569	5629	7636	82
285	16957	15435	6669	23	0	0	0	0	0	2204	8259	17406	186
286	17950	17150	12480	6480	1170	380	560	2620	410	2270	13040	18050	419
287	9540	9022	5393	2046	4	0	0	0	0	0	5696	10222	54
290	28000	0	2300	27000	27100	52300	43300	42800	56400	42600	0	47200	750
291	19250	21690	6040	780	50	0	0	0	10	1480	5540	15520	383
292	428900	383100	293100	214800	188300	145400	125500	129200	135300	183000	239800	390700	5500
293	396500	354200	271800	199600	174700	135100	116400	119900	126200	170500	221800	359600	5500
294	0	1614900	591500	422100	345500	278300	254100	260700	275400	395400	509400	720000	4740
295	0	1500	0	0	0	0	0	0	0	0	0	64000	4740
296	11100	5300	100	2400	31400	14900	88300	95000	32300	19900	0	1600	4372
297	3700	800	0	0	12000	5200	30800	33000	11200	7600	0	500	4372
298	0	0	0	0	0	0	215	245	549	1128	666	347	4372
299	72600	64100	40300	21500	23800	16800	15800	15600	16900	20500	25600	44200	1222
300	52690	50670	41750	30850	25380	20720	19710	19900	20700	24240	33820	48660	432
301	10174	9227	12777	11483	9270	9327	9649	11981	9473	8809	8204	10417	141
302	81179	72306	51574	41055	32967	21005	20164	17063	20857	43725	54369	87517	576
303	54218	48752	28597	10039	8364	5995	5455	5444	6039	12915	35815	62968	648
304	6161	5022	2278	1759	5114	1184	673	3677	5296	6397	3517	2071	95
305	59411	55890	47923	35658	33837	29110	22910	23486	27034	34653	42768	58447	500
306	41600	37800	29300	8100	0	0	0	0	0	5400	23100	40100	547
307	13880	12320	6430	0	0	0	0	0	0	2030	6350	14680	144
308	55077	50815	33044	11908	6088	5009	4731	4806	4336	13072	29552	58964	479
309	22385	20452	12955	5009	1485	0	4956	2029	2606	7401	13094	23304	360
310	12187	11355	6323	0	0	0	0	0	0	1569	7099	12829	167
311	54765	51819	37358	27316	19549	17675	19282	11917	22763	27985	40572	64540	43
312	24504	21545	12774	5102	2678	0	0	0	0	8985	17661	34949	576
313	28856	25402	19655	759	0	9	0	0	0	5239	22449	30226	100
314	13420	17930	4290	0	50	0	0	0	0	90	3950	16000	383
315	12769	7386	5435	489	4830	2002	213	0	68	3984	4016	11168	449
316	5932	5091	2454	211	18	2	0	0	0	70	1683	4798	82
317	10093	9347	4461	149	2454	6309	7095	4990	3745	565	5168	16410	599
318	9223	8560	4042	136	2189	5910	6214	4429	3358	511	4624	14746	599
319	39512	35824	22741	17739	14952	11761	10494	10513	11344	20147	24000	42222	1080
320	31141	28261	18005	13839	11632	9289	8367	8417	9203	16198	19210	33428	1080
321	25098	44002	18797	2029	0	0	0	0	0	0	14311	38662	925
322	8102	7545	2801	160	0	0	0	0	0	678	3160	8398	75
323	15004	19351	7161	1866	0	0	0	0	0	2704	6783	12625	272
324	18760	16220	8580	3120	0	0	0	0	0	2100	8270	19610	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.