

Docket R-17XXX

Volume 2

Philadelphia Gas Works
Before The
Pennsylvania Public Utility Commission

**Computation of Annual Purchased Gas Costs
For Twelve Months Ending August 31, 2018**

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, 2017

Philadelphia Gas Works 1307f - 2017 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, 2017 and an updated Annual Resource Planning Report is not available at this time.

ANNUAL RESOURCE PLANNING REPORT

Philadelphia Gas Works

Philadelphia, Pennsylvania

March 2016

Forms 1 & 2

BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION

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

**ANNUAL RESOURCE PLANNING REPORT
MARCH 2016**

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

Section 59.81: **General**

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

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

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

Also submit one (1) copy to the following:

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

Office of Small Business Advocate
Suite 202, 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:

Forms 1A, 1B, 2A, 2b, and 2C along with a general discussion of the methodologies, data sources, and assumptions are being submitted to meet the requirements of the March 1 filing.

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

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

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

Response: Please see the attached documentation and forms.

**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 2013-2014	-1 2014-2015	0 2015-2016	1 2016-2017	2 2017-2018	3 2018-2019			
Firm Requirements:									
Retail Residential	39,164	39,026	32,892	37,025	36,913	36,804			
Retail Commercial	8,761	8,917	7,418	8,346	8,318	8,332			
Retail Industrial	502	474	389	445	433	422			
Electric Power Generation	-	-	-	-	-	-			
Exchanges with Other Utilities	-	-	-	-	-	-			
Unaccounted For Gas	1,078	1,641	1,300	1,326	1,322	1,320			
Company Use	395	343	381	365	365	365			
Other - Prior Period Adjustment	-	-	-	-	-	-			
Subtotal Firm	49,900	50,401	42,381	47,507	47,351	47,243			
Interruptible Requirements:									
Retail	1,044	514	206	1,006	1,006	1,006			
Electric Power Generation	-	-	-	-	-	-			
Company's Own Plant	58	57	99	128	128	128			
Unaccounted For Gas	9	1	1	0	0	0			
Subtotal Interruptible	1,110	571	305	1,135	1,135	1,135			
SUBTOTAL FIRM AND INTERRUPTIBLE	51,010	50,973	42,686	48,642	48,485	48,378			
Transportation:									
Firm Residential	51	50	10	-	-	-			
Firm Commercial	3,771	3,922	4,106	4,590	4,786	4,938			
Firm Industrial	386	449	467	518	529	538			
Interruptible Residential	-	-	-	-	-	-			
Interruptible Commercial	7,074	7,284	6,790	8,443	8,995	9,545			
Interruptible Industrial	7,196	7,095	7,136	8,596	9,131	9,664			
Other - Non-Utility Power Producers	10,522	12,036	11,593	11,477	11,477	11,477			
Subtotal Transportation	29,000	30,835	30,103	33,624	34,919	36,163			
TOTAL GAS REQUIREMENTS	80,010	81,808	72,789	82,265	83,405	84,541			
Increase (Decrease)		1,798	(9,019)	9,476	1,140	1,136			
Percent Change (%)		2.25%	-11.27%	13.02%	1.39%	1.36%			

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

Index Year Actual Year	Historical Data		Current Year ⁽¹⁾			Three Year Forecast ⁽¹⁾		
	2013-2014 -2	2014-2015 -1	2015-2016 0	2016-2017 1	2017-2018 2	2018-2019 3		
Firm Requirements:								
Retail Residential	389	405	437	458	457	455		
Retail Commercial	87	93	99	103	103	103		
Retail Industrial	5	5	5	6	5	5		
Electric Power Generation	-	-	-	-	-	-		
Exchanges with Other Utilities	-	-	-	-	-	-		
Unaccounted For Gas	11	17	17	16	16	16		
Company Use	4	4	5	5	5	5		
Other	-	-	-	-	-	-		
Subtotal Firm	496	523	563	588	586	584		
Interruptible Requirements:								
Retail	3.1	4.2	0.9	2.8	2.8	3		
Electric Power Generation	0.0	-	-	-	-	-		
Company's Own Plant	0.3	0.4	0.5	0.6	0.6	1		
Unaccounted For Gas	0.1	0.1	-	0.1	0.1	0.1		
Subtotal Interruptible	3.6	4.7	1.4	3.5	3.5	3.5		
SUBTOTAL FIRM AND INTERRUPTIBLE	499	528	565	591	589	588		
Transportation:								
Firm Residential	0	0	-	-	-	-		
Firm Commercial	30	35	42	50	52	54		
Firm Industrial	2	3	4	5	5	5		
Interruptible Residential	-	-	-	-	-	-		
Interruptible Commercial	51	49	-	-	-	-		
Interruptible Industrial	28	33	-	-	-	-		
Other - Non-Utility Power Producers	29	36	-	-	-	-		
Subtotal Transportation	140	156	47	54	57	59		
TOTAL GAS REQUIREMENTS	640	684	611	646	646	646		
Increase (Decrease)		45	(73)	34	0	1		
Percent Change (%)		7.0%	-10.7%	5.6%	0.1%	0.1%		

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

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

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.

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				Three Year Forecast (1)							
	-2		-1		0		1		2		3	
	2013-2014		2014-2015		2015-2016		2016-2017		2017-2018		2018-2019	
	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak
Gas Supply for Sales Service												
Spot Purchases	51,199	190	52,701	211	49,968	277	50,471	233	50,324	211	50,085	223
Storage Withdrawals	12,872	122	12,235	171	8,363	159	13,371	214	13,112	227	13,124	214
LNG Withdrawal	3,210	187	2,238	146	1,348	164	2,153	194	2,188	202	2,191	203
LNG Purchases	-	-	-	-	-	-	-	-	-	-	-	-
Exchanges with other LDCs	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-
Total Gas Supply	67,281	499	67,174	528	53,679	601	65,995	640	65,624	639	65,399	639
Total Transportation Services	29,000	140	30,835	156	30,103	23	33,824	21	34,919	22	36,163	23
TOTAL GAS SUPPLY AND TRANSPORTATION SERVICE	96,281	640	98,010	684	83,782	624	99,819	661	100,544	661	101,562	662
Deductions												
Pipeline: TRANS FUEL	1,750	-	1,323	-	523	8	1,352	9	1,344	9	1,335	9
Storage: INJ, INJ FUEL, WITHDRAW FUEL, TRANS FUEL	12,731	-	12,733	-	8,405	1	13,813	3	13,606	3	13,497	3
LNG: LIQUE, INJ FUEL, TRANS FUEL	1,790	-	2,145	-	2,066	3	2,188	3	2,188	3	2,189	3
Sales to other LDC's	-	-	-	-	-	-	-	-	-	-	-	-
Total Deductions	16,271	-	16,202	-	10,993	13	17,354	15	17,139	15	17,021	15
NET GAS SUPPLY	80,010	640	81,808	684	72,789	611	82,265	646	83,405	646	84,541	646
BTU	1,049	1,056	1,056	1,056	1,05	1,056	1,056	1,056	1,056	1,056	1,056	1,056

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

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

Index Year Actual year	Historical Data				Current Year				Three Year Forecast			
	-2 2013-2014		-1 2014-2015		0 2015-2016		1 2016-2017		2 2017-2018		3 2018-2019	
	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak
<u>City Gate Transportation Contracts:</u>												
Transcontinental Transmission Corp.	3,931	59	3,905	58	3,927	59	3,905	58	3,905	58	3,905	58
Texas Eastern Transmission Corp.	2,202	42	2,188	42	2,200	42	2,188	42	2,188	42	2,188	42
Texas Eastern Transmission Corp.	712	20	707	20	711	20	-	20	-	20	-	20
Transcontinental Transmission Corp.	432	5	429	5	432	5	429	5	429	5	429	5
Total	7,277	126	7,229	125	7,270	125	6,522	125	6,522	125	6,522	125
<u>Upstream Transportation Contracts:</u>												
Transcontinental Transmission Corp.	57,486	157	57,105	156	57,588	157	57,105	156	57,105	156	57,105	156
Texas Eastern Transmission Corp.	26,096	71	25,923	71	26,143	71	25,923	71	25,923	71	25,923	71
Texas Eastern Transmission Corp.	8,289	23	8,234	23	8,304	23	8,234	23	8,234	23	8,234	23
Texas Eastern Transmission Corp.	2,540	17	2,523	17	2,537	17	2,523	17	2,523	17	2,523	17
Texas Eastern Transmission Corp.	2,540	17	2,523	17	2,537	17	2,523	17	2,523	17	2,523	17
Transcontinental Transmission Corp.	169	2	168	2	169	2	168	2	168	2	168	2
Texas Eastern Transmission Corp.	1,740	5	1,728	5	1,743	5	1,728	5	1,728	5	1,728	5
Total	98,858	293	98,203	291	99,020	293	98,203	291	98,203	291	98,203	291
<u>Storage-Related Transportation Contracts:</u>												
Dominion Transmission Inc.	8,945	25	8,886	24	8,961	24	8,886	24	8,886	24	8,886	24
Dominion Transmission Inc.	2,710	7	2,692	7	2,715	7	2,692	7	2,692	7	2,692	7
Total	11,655	32	11,578	32	11,676	32	11,578	32	11,578	32	11,578	32

Conversions at 1056 Btu

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

Index Year Actual year	Historical Data				Three Year Forecast							
	-2 2013-2014		-1 2014-2015		0 2015-2016		1 2016-2017		2 2017-2018		3 2018-2019	
	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak
Transcontinental Transmission Corp.	3,931	59	3,905	58	3,927	59	3,905	58	3,905	58	3,905	58
Dominion Transmission Inc.	3,598	32	3,574	32	3,594	32	3,574	32	3,574	32	3,574	32
Transcontinental Transmission Corp.	3,103	33	3,083	32	3,100	32	3,083	32	3,083	32	3,083	32
Texas Eastern Transmission Corp.	2,368	42	3,574	42	2,365	42	2,352	42	2,352	42	2,352	42
Texas Eastern Transmission Corp.	2,202	20	2,188	20	2,200	20	2,188	20	2,188	20	2,188	20
Transcontinental Transmission Corp.	712	84	707	84	711	84	711	84	711	84	711	84
Transcontinental Transmission Corp.	432	5	429	5	432	5	429	5	429	5	429	5
Total	16,346	275	17,459	273	16,330	273	15,530	189	15,530	189	15,530	189

Forecasted Dth to Mcf Conversions at 1056 BTU.

Contract	Expiration Date ⁽¹⁾
Transcontinental Transmission Corp.	3/31/2023
Dominion Transmission Inc.	3/31/2018
Transcontinental Transmission Corp.	10/31/2016
Texas Eastern Transmission Corp.	4/30/2021
Texas Eastern Transmission Corp.	4/30/2021
Transcontinental Transmission Corp. ⁽²⁾	3/31/2016
Transcontinental Transmission Corp.	4/15/2017

⁽¹⁾ For purposes of this report, contracts that are due to expire are assumed renewed for the forecast years.

BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION

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

Annual Resource Planning Summary Report

Filed: March 2016

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

PHILADELPHIA GAS WORKS
2016 Annual Resource Planning Summary Report

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INTRODUCTION

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SECTION II -- Supply Forecasting Methodology and Assumptions

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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 47% of the contractual daily transportation entitlements on its two interstate pipelines with direct connections to PGW's service territory. Additionally, these supply contracts match the contractual entitlements of the two pipelines by sourcing supply in a manner consistent with the pipeline's upstream contractual requirements. In this way, PGW not only helps ensure the security of supply by sourcing the gas from geographically diverse supply regions but this diversity also allows PGW to take advantage of the pricing basis differential inherent in these supply locations.

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

A second component of PGW's supply portfolio or a volume equal to 30% of pipeline capacity, is purchased gas based on the daily midpoint price published in "Platt's Gas Daily". These contracts 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 transportation to the PGW city gate. Therefore, these storages must flow within

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

PGW's contractual upstream capacity rights on TGPL. Delivery from these fields utilizes approximately 17% 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. Additionally, PGW purchases 6% of its supply using day purchases as needed. 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 4237 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 4,237 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 sales and sendout by rate classification. This data is then used by the Gas Supply Model.

Gas Supply Model

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

V. PGW Corporate Modeling System (Continued)

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

Gas Cost Rate Model

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

Revenue Model

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

Summary

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

V. PGW Corporate Modeling System (Continued)

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

Tab 5

Philadelphia Gas Works

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

53.64(c)(6) 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:

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 structure and pricing. The Company's supply portfolio is split into four distinct categories. First, the Company enters into winter-only supply contracts. These winter-only supply arrangements provide gas supply that fills approximately thirty-seven percent (37%) 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 %) is priced at the “gas daily mid-point” for each day of usage. These contracts allow for daily changes in volume. The operational flexibility of these contracts allows the company to increase or decrease gas supply to meet variations in send out requirements. Third the company utilizes one (1) pipeline storage services, as an additional source of supply. This storage service does not contain bundled transportation and therefore the gas is moved to the city gates within PGW's firm interstate pipeline capacity. This service represents eight percent (8 %) of supply at a fixed price. Additionally the company purchases eighteen percent (18%) of its supply using day purchases as needed. The Company will again attempt to release capacity for yearly periods totaling thirty-three thousand dekatherms as it did last year; and if this proves less economic for the ratepayer, the Company will release these capacities for the winter and summer season separately. 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 (ten thousand dekatherms) and depend on market based prices to fill the TETCO portion (twenty three thousand dekatherms). The Company also releases firm capacity to its firm choice suppliers on a monthly basis based upon there firm pool size.

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

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

Item 53.64(c) (6) continued

II. Overview of Gas Supply Section

The Gas Supply Section of Gas Management is comprised of four departments: Gas Supply, Gas Transportation, Gas Accounting and Gas Control. The Gas Supply Section is responsible for ensuring that there is an adequate supply of natural gas available at all times to meet the requirements of PGW's approximately 500,000 firm customers. The Gas Supply Section accomplishes this through continuous interaction with various departments within PGW.

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

III. Organization and Staffing

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

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

Administrator, Gas Supply this person has over ten 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 purchasing. Reporting to this individual is the gas accountants, gas coordinators and gas buyers.

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

Tab 6

Philadelphia Gas Works

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

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

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

Response: The attached schedules list off system sales, capacity release, and asset management for the period of January 1, 2016 to December 31, 2016.

Schedule 1 – reflects all off system sales margins for the period January 1, 2016 to December 31, 2016.

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

Schedule 3 – illustrates all capacity release deals.

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

Schedule 1
Item 53.64(C)(7)

Philadelphia Gas Works
Pennsylvania Public Utilities Commission
52 Pa. Code §53.61, et seq.
For the Twelve Months Ending December 31, 2016

Off-System Sales			
MONTH	Total Revenue	Ratepayer Margin	Total Credit
Jan-16	\$0	\$0	\$0
Feb-16	\$0	\$0	\$0
Mar-16	\$0	\$0	\$0
Apr-16	\$0	\$0	\$0
May-16	\$0	\$0	\$0
Jun-16	\$0	\$0	\$0
Jul-16	\$0	\$0	\$0
Aug-16	\$0	\$0	\$0
Sep-16	\$0	\$0	\$0
Oct-16	\$0	\$0	\$0
Nov-16	\$0	\$0	\$0
Dec-16	\$0	\$0	\$0

Off System Sale Profits Per WACOG Worksheet

PGW had no off system sales, which was not less than the weighted average cost of gas.

Schedule 3
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, 2016

MONTH	Capacity Release					
	Total			Total		
	TGPL	TETCO	Total	TGPL	TETCO	Total
	Credits	Credits	Credits	Credits	Credits	Credits
Jan-16	\$ 332,126	\$ 499,167	\$ 831,293	\$ 332,126	\$ 499,167	\$ 831,293
Feb-16	\$ 308,896	\$ 434,214	\$ 743,110	\$ 308,896	\$ 434,214	\$ 743,110
Mar-16	\$ 398,641	\$ 497,288	\$ 895,929	\$ 398,641	\$ 497,288	\$ 895,929
Apr-16	\$ 232,520	\$ 584,810	\$ 817,330	\$ 232,520	\$ 584,810	\$ 817,330
Jun-15	\$ 301,075	\$ 695,667	\$ 996,742	\$ 301,075	\$ 695,667	\$ 996,742
Jun-16	\$ 336,114	\$ 689,864	\$ 1,025,978	\$ 336,114	\$ 689,864	\$ 1,025,978
Jul-16	\$ 371,626	\$ 730,708	\$ 1,102,334	\$ 371,626	\$ 730,708	\$ 1,102,334
Aug-16	\$ 375,071	\$ 751,223	\$ 1,126,294	\$ 375,071	\$ 751,223	\$ 1,126,294
Sep-16	\$ 316,954	\$ 684,061	\$ 1,001,015	\$ 316,954	\$ 684,061	\$ 1,001,015
Oct-16	\$ 258,525	\$ 777,931	\$ 1,036,456	\$ 258,525	\$ 777,931	\$ 1,036,456
Nov-16	\$ 204,570	\$ 327,611	\$ 532,181	\$ 204,570	\$ 327,611	\$ 532,181
Dec-16	\$ 229,974	\$ 365,329	\$ 595,303	\$ 229,974	\$ 365,329	\$ 595,303
TOTAL	\$ 3,666,092	\$ 7,037,873	\$ 10,703,965	\$ 3,666,092	\$ 7,037,873	\$ 10,703,965

Philadelphia Gas Works
 Pennsylvania Public Utilities Commission
 52 Pa. Code §53.61, et seq.
 For the Twelve Months Ending December 31, 2016

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

M / YR	PIPELINE	PATH	RECALL STATUS	MONTHLY VOLUME DTH	TOTAL MONTHLY CREDIT	CREDIT DTH	TOTAL CREDIT	REPLACEMENT SHIPPER
January-16	TETCO	STX - M-3	N	847,156	\$ 342,992.68	\$ 0.5300	\$ 342,992.68	Shell
	TETCO	ELA - M-3	N	123,566	\$ 52,737.97	\$ 0.4268	\$ 52,737.97	CNE Gas Sup
	TETCO	ELA - M-3	N	2,542	\$ 1,084.93	\$ 0.4268	\$ 1,084.93	South Jersey Res
	TETCO	ELA - M-3	N	100,812	\$ 43,026.56	\$ 0.4268	\$ 43,026.56	UGI
	TETCO	ELA - M-3	N	117,800	\$ 50,403.26	\$ 0.4279	\$ 50,403.26	Direct Energy
	TETCO	ELA - M-3	N	16,027	\$ 6,884.02	\$ 0.4295	\$ 8,884.02	Sprague
	TETCO	ELA - M-3	N	4,774	\$ 2,037.54	\$ 0.4268	\$ 2,038	CIMA
				<u>1,012,677</u>			\$ 499,166.96	
	TRANSCO	3-6	N	155,000	\$ 3,952.50	\$ 0.0255	\$ 3,952.50	Total Gas Power
	TRANSCO	3-6	N	310,000	\$ 139,500.00	\$ 0.4500	\$ 139,500.00	JARON
	TRANSCO	3-6	N	46,500,000	\$ 11,625.00	\$ 0.0003	\$ 15,345.00	Texla
	TRANSCO	3-6	N	2,542	\$ 1,171.18	\$ 0.4607	\$ 1,171.18	South Jersey
	TRANSCO	3-6	N	16,058	\$ 7,397.53	\$ 0.4607	\$ 7,397.53	Sprague
	TRANSCO	3-6	N	123,597	\$ 56,938.63	\$ 0.4607	\$ 56,938.63	CNE
	TRANSCO	3-6	N	100,812	\$ 46,442.07	\$ 0.4607	\$ 46,442.07	UGI Energy
	TRANSCO	3-6	N	117,800	\$ 54,267.98	\$ 0.4807	\$ 54,267.98	Direct Energy
	TRANSCO	3-6	N	155,000	\$ 4,898.00	\$ 0.0318	\$ 4,898.00	South Jersey
	TRANSCO	3-6	N	4,805	\$ 2,213.20	\$ 0.4606	\$ 2,213.20	CIMA
			<u>47,485,614</u>			\$ 332,126.09		
February-16	TETCO	ELA - M-3	N	108,837	\$ 48,375.45	\$ 0.4261	\$ 48,375.45	Direct Energy
	TETCO	ELA - M-3	N	111,940	\$ 47,697.64	\$ 0.4261	\$ 47,697.64	CNE
	TETCO	ELA - M-3	N	3,335	\$ 1,421.05	\$ 0.4261	\$ 1,421.05	South Jersey
	TETCO	ELA - M-3	N	14,993	\$ 9,007.79	\$ 0.6008	\$ 9,007.79	Sprague
	TETCO	ELA - M-3	N	5,713	\$ 2,434.31	\$ 0.4261	\$ 2,434.31	CIMA
	TETCO	ELA - M-3	N	149,872	\$ 79,432.16	\$ 0.5300	\$ 79,432.16	Shell
	TETCO	ELA - M-3	N	392,700	\$ 208,131.00	\$ 0.5300	\$ 208,131.00	Shell
	TETCO	ELA - M-3	N	93,206	\$ 39,715.08	\$ 0.4261	\$ 39,715.08	UGI
				<u>880,596</u>			\$ 434,214.48	
	TRANSCO	3-6	N	145,000	\$ 4,582.00	\$ 0.0316	\$ 4,582.00	So Jersey Res
	TRANSCO	3-6	N	3,335	\$ 1,536.42	\$ 0.4607	\$ 1,536.42	So Jersey Res
	TRANSCO	3-6	N	15,022	\$ 6,920.27	\$ 0.4607	\$ 8,920.27	Sprague
	TRANSCO	3-6	N	111,940	\$ 51,568.67	\$ 0.4607	\$ 51,568.67	CNE
	TRANSCO	3-6	N	93,206	\$ 42,938.27	\$ 0.4607	\$ 42,938.27	UGI
	TRANSCO	3-6	N	108,866	\$ 50,152.31	\$ 0.4607	\$ 50,152.31	Direct Energy
	TRANSCO	3-6	N	5,742	\$ 2,645.38	\$ 0.4607	\$ 2,645.38	CIMA
	TRANSCO	3-6	N	145,000	\$ 3,697.50	\$ 0.0255	\$ 3,697.50	Total Gas Power
	TRANSCO	3-6	N	43,500,000	\$ 14,355.00	\$ 0.0003	\$ 14,355.00	Texla
TRANSCO	3-6	N	290,000	\$ 130,500.00	\$ 0.4500	\$ 130,500.00	JARON	
			<u>44,418,111</u>			\$ 308,895.82		
March-16	TETCO	ELA - M-3	N	116,436	\$ 49,613.39	\$ 0.4261	\$ 49,613.39	Direct Energy
	TETCO	ELA - M-3	N	123,132	\$ 52,466.55	\$ 0.4261	\$ 52,466.55	CNE
	TETCO	ELA - M-3	N	99,262	\$ 42,295.53	\$ 0.4261	\$ 42,295.53	UGI
	TETCO	STX - M-3	N	3,534	\$ 1,505.84	\$ 0.4261	\$ 1,505.84	South Jersey
	TETCO	STX - M-3	N	160,208	\$ 84,910.24	\$ 0.5300	\$ 84,910.24	Shell
	TETCO	STX - M-3	N	486,948	\$ 258,082.44	\$ 0.5300	\$ 258,082.44	Shell
	TETCO	STX - M-3	N	15,934	\$ 6,789.48	\$ 0.4261	\$ 6,789.48	Sprague
	TETCO	ELA - M-3	N	3,813	\$ 1,625.00	\$ 0.4262	\$ 1,625.00	CIMA
				<u>1,009,267</u>			\$ 497,288.47	
	TRANSCO	3-6	N	155,000	\$ 4,898.00	\$ 0.0316	\$ 4,898.00	South Jersey
	TRANSCO	3-6	N	155,000	\$ 3,952.50	\$ 0.0255	\$ 3,952.50	Total Gas Power
	TRANSCO	3-6	N	310,000	\$ 139,500.00	\$ 0.4500	\$ 139,500.00	JARON
	TRANSCO	3-6	N	3,565	\$ 1,842.38	\$ 0.4607	\$ 1,842.38	South Jersey
	TRANSCO	3-6	N	15,934	\$ 7,340.49	\$ 0.4607	\$ 7,340.49	Sprague
	TRANSCO	3-6	N	123,132	\$ 56,724.42	\$ 0.4607	\$ 56,724.42	CNE
	TRANSCO	3-6	N	99,262	\$ 45,727.79	\$ 0.4607	\$ 45,727.79	UGI
	TRANSCO	3-6	N	300,000	\$ 68,100.00	\$ 0.2270	\$ 68,100.00	Free Point
	TRANSCO	3-6	N	116,487	\$ 53,653.87	\$ 0.4607	\$ 53,653.87	Direct Energy
TRANSCO	3-6	N	46,500,000	\$ 15,345.00	\$ 0.0003	\$ 15,345.00	Texla	
TRANSCO	3-6	N	3,813	\$ 1,756.46	\$ 0.4807	\$ 1,756.46	CIMA	
			<u>47,782,173</u>			\$ 398,640.91		
April-16	TETCO	ELA - M-3	N	112,680	\$ 48,012.94	\$ 0.4261	\$ 48,012.94	Direct Energy
	TETCO	ELA - M-3	N	119,100	\$ 50,748.51	\$ 0.4261	\$ 50,748.51	CNE
	TETCO	STX - M-3	N	15,750	\$ 8,711.09	\$ 0.4281	\$ 8,711.09	Sprague
	TETCO	STX - M-3	N	3,750	\$ 1,597.89	\$ 0.4261	\$ 1,597.89	South Jersey
	TETCO	STX - M-3	N	95,160	\$ 40,547.67	\$ 0.4261	\$ 40,547.67	UGI
	TETCO	STX - M-3	N	210	\$ 89.48	\$ 0.4261	\$ 89.48	WGL
	TETCO	STX - M-3	N	6,420	\$ 2,735.57	\$ 0.4261	\$ 2,735.57	CIMA
	TETCO	STX - M-3	N	155,040	\$ 82,171.20	\$ 0.5300	\$ 82,171.20	Shell
	TETCO	STX - M-3	N	471,240	\$ 249,757.20	\$ 0.5300	\$ 249,757.20	Shell
	TETCO	STX - M-3	N	540,000	\$ 45,198.00	\$ 0.0837	\$ 45,198.00	Infinite
	TETCO	STX - M-3	N	540,000	\$ 57,240.00	\$ 0.1060	\$ 57,240.00	Concord
				<u>2,059,350</u>			\$ 584,809.55	

	PIPELINE	PATH	RECALL STATUS	MONTHLY VOLUME DTH	TOTAL MONTHLY CREDIT	CREDIT DTH	TOTAL CREDIT	REPLACEMENT SHIPPER
	TRANSCO	3-6	N	9,702,480	\$ 13,098.60	\$ 0.0014	\$ 13,098.60	WGL
	TRANSCO	3-6	N	210	\$ 96.60	\$ 0.4600	\$ 96.60	WGL
	TRANSCO	3-6	N	3,780	\$ 1,741.20	\$ 0.4606	\$ 1,741.20	So Jersey
	TRANSCO	3-6	N	300,000	\$ 32,400.00	\$ 0.1080	\$ 32,400.00	Infinite
	TRANSCO	3-6	N	15,780	\$ 7,269.60	\$ 0.4607	\$ 7,269.60	Sprague
	TRANSCO	3-6	N	119,130	\$ 54,881.00	\$ 0.4607	\$ 54,881.00	CNE
	TRANSCO	3-6	N	95,190	\$ 43,851.90	\$ 0.4607	\$ 43,851.90	UGI
	TRANSCO	3-6	N	300,000	\$ 24,300.00	\$ 0.0810	\$ 24,300.00	Colonial
	TRANSCO	3-6	N	112,710	\$ 51,923.40	\$ 0.4607	\$ 51,923.40	Direct Energy
	TRANSCO	3-6	N	6,420	\$ 2,957.70	\$ 0.4607	\$ 2,957.70	CIMA
				<u>10,655,700</u>			<u>\$ 232,520.00</u>	
May-16	TETCO	WLA - M-3	N	217	\$ 92.46	\$ 0.4261	\$ 92.46	WGL
	TETCO	WLA - M-3	N	16,492	\$ 7,028.23	\$ 0.4262	\$ 7,028.23	Sprague
	TETCO	ELA - M-3	N	94,922	\$ 40,446.26	\$ 0.4261	\$ 40,446.26	UGI
	TETCO	STX - M-3	N	4,309	\$ 1,836.78	\$ 0.4263	\$ 1,836.78	South Jersey
	TETCO	STX - M-3	N	116,141	\$ 50,339.89	\$ 0.4261	\$ 50,339.89	Direct Energy
	TETCO	STX - M-3	N	123,938	\$ 52,809.99	\$ 0.4261	\$ 52,809.99	CNE
	TETCO	ELA - M-3	N	93,000	\$ 9,588.30	\$ 0.1031	\$ 9,588.30	Textla
	TETCO	ELA - M-3	N	160,208	\$ 84,910.24	\$ 0.5300	\$ 84,910.24	Shell
	TETCO	ELA - M-3	N	486,948	\$ 258,082.44	\$ 0.5300	\$ 258,082.44	Shell
	TETCO	ELA - M-3	N	4,526	\$ 1,928.53	\$ 0.4261	\$ 1,928.53	CIMA
	TETCO	ELA - M-3	N	558,000	\$ 94,302.02	\$ 0.1690	\$ 94,302.02	Grays Ferry
	TETCO	STX - M-3	N	558,000	\$ 94,302.02	\$ 0.1690	\$ 94,302.02	Grays Ferry
				<u>2,218,701</u>			<u>\$ 695,667.16</u>	
	TRANSCO	3-6	N	10,025,896	\$ 13,535.22	\$ 0.0014	\$ 13,535.22	WGL
	TRANSCO	3-6	N	155,000	\$ 2,712.50	\$ 0.0175	\$ 2,712.50	Textla
	TRANSCO	3-6	N	155,000	\$ 2,728.00	\$ 0.0176	\$ 2,728.00	Textla
	TRANSCO	3-6	N	217	\$ 99.82	\$ 0.4600	\$ 99.82	WGL
	TRANSCO	3-6	N	4,340	\$ 1,999.50	\$ 0.4607	\$ 1,999.50	South Jersey
	TRANSCO	3-6	N	16,523	\$ 7,612.00	\$ 0.4607	\$ 7,612.00	Sprague
	TRANSCO	3-6	N	123,969	\$ 57,110.00	\$ 0.4607	\$ 57,110.00	CNE
	TRANSCO	3-6	N	94,922	\$ 43,728.60	\$ 0.4607	\$ 43,728.60	UGI
	TRANSCO	3-6	N	118,172	\$ 54,439.72	\$ 0.4607	\$ 54,439.72	Direct Energy
	TRANSCO	3-6	N	620,000	\$ 56,420.00	\$ 0.0910	\$ 56,420.00	Macquarie
	TRANSCO	3-6	N	310,000	\$ 25,110.00	\$ 0.0810	\$ 25,110.00	Colonial
	TRANSCO	3-6	N	310,000	\$ 33,480.00	\$ 0.1080	\$ 33,480.00	Infinite
	TRANSCO	3-6	N	4,557	\$ 2,099.32	\$ 0.4607	\$ 2,099.32	CIMA
				#####			\$ 301,074.68	
June-16	TETCO	ELA - M-3	N	210	\$ 89.48	\$ 0.4261	\$ 89.48	WGL
	TETCO	STX - M-3	N	16,050	\$ 6,839.00	\$ 0.4261	\$ 6,839.00	Sprague
	TETCO	STX - M-3	N	90,930	\$ 38,744.90	\$ 0.4261	\$ 38,744.90	UGI
	TETCO	ELA - M-3	N	110,310	\$ 47,005.00	\$ 0.4261	\$ 47,005.00	Direct Energy
	TETCO	ELA - M-3	N	121,890	\$ 51,937.00	\$ 0.4261	\$ 51,937.00	CNE
	TETCO	ELA - M-3	N	90,000	\$ 9,279.00	\$ 0.1031	\$ 9,279.00	Textla
	TETCO	ELA - M-3	N	155,040	\$ 82,171.20	\$ 0.5300	\$ 82,171.20	Shell
	TETCO	ELA - M-3	N	471,240	\$ 249,757.20	\$ 0.5300	\$ 249,757.20	Shell
	TETCO	ELA - M-3	N	6,660	\$ 2,837.61	\$ 0.4261	\$ 2,837.61	CIMA
	TETCO	ELA - M-3	N	540,000	\$ 100,601.88	\$ 0.1863	\$ 100,601.88	Grays Ferry
	TETCO	ELA - M-3	N	540,000	\$ 100,601.88	\$ 0.1863	\$ 100,601.88	Grays Ferry
				<u>2,142,330</u>			<u>\$ 689,864.15</u>	

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	PIPELINE	PATH	RECALL STATUS	MONTHLY VOLUME DTH	TOTAL MONTHLY CREDIT	CREDIT DTH	TOTAL CREDIT	REPLACEMENT SHIPPER
	TRANSCO	3-6	N	150,000	\$ 2,625.00	\$ 0.0175	\$ 2,625.00	Texla
	TRANSCO	3-6	N	150,000	\$ 2,640.00	\$ 0.0176	\$ 2,640.00	Texla
	TRANSCO	3-6	N	210	\$ 96.60	\$ 0.4600	\$ 96.60	WGL
	TRANSCO	3-6	N	9,702,480	\$ 13,096.60	\$ 0.0014	\$ 13,096.60	WGL
	TRANSCO	3-6	N	4,320	\$ 1,990.20	\$ 0.4607	\$ 1,990.20	South Jersey
	TRANSCO	3-6	N	16,060	\$ 7,407.90	\$ 0.4607	\$ 7,407.90	Sprague
	TRANSCO	3-6	N	121,690	\$ 56,152.50	\$ 0.4607	\$ 56,152.50	CNE
	TRANSCO	3-6	N	90,980	\$ 41,903.40	\$ 0.4607	\$ 41,903.40	UGI
	TRANSCO	3-6	N	100,310	\$ 50,617.60	\$ 0.5066	\$ 50,617.60	Direct Energy
	TRANSCO	3-6	N	600,000	\$ 54,600.00	\$ 0.0910	\$ 54,600.00	Macquarie
	TRANSCO	3-6	N	300,000	\$ 24,300.00	\$ 0.0810	\$ 24,300.00	Colonial
	TRANSCO	3-6	N	300,000	\$ 32,400.00	\$ 0.1060	\$ 32,400.00	Infinite
	TRANSCO	3-6	N	300,000	\$ 25,500.00	\$ 0.0650	\$ 25,500.00	BP
	TRANSCO	3-6	N	6,690	\$ 3,061.90	\$ 0.4607	\$ 3,061.90	CIMA
	TRANSCO	3-6	N	300,000	\$ 19,500.00	\$ 0.0650	\$ 19,500.00	Talen
				<u>12,142,940</u>			<u>\$ 336,113.70</u>	
July-16	TETCO	ELA - M-3	N	961	\$ 409.56	\$ 0.4262	\$ 409.56	WGL
	TETCO	STX - M-3	N	16,633	\$ 7,172.54	\$ 0.4261	\$ 7,172.54	Sprague
	TETCO	ELA - M-3	N	95,511	\$ 40,697.00	\$ 0.4261	\$ 40,697.00	UGI
	TETCO	WLA - M-3	N	4,557	\$ 1,942.00	\$ 0.4262	\$ 1,942.00	South Jersey
	TETCO	WLA - M-3	N	113,677	\$ 46,437.60	\$ 0.4261	\$ 46,437.60	Direct Energy
	TETCO	WLA - M-3	N	126,635	\$ 53,960.00	\$ 0.4261	\$ 53,960.00	CNE
	TETCO	WLA - M-3	N	93,000	\$ 9,566.30	\$ 0.1031	\$ 9,566.30	Texla
	TETCO	WLA - M-3	N	160,208	\$ 84,910.00	\$ 0.5300	\$ 84,910.00	Shell
	TETCO	WLA - M-3	N	466,946	\$ 256,062.00	\$ 0.5300	\$ 256,062.00	Shell
	TETCO	ELA - M-3	N	7,254	\$ 3,090.00	\$ 0.4260	\$ 3,090.00	CIMA
	TETCO	STX - M-3	N	556,000	\$ 111,209.40	\$ 0.1993	\$ 111,209.40	Grays Ferry
	TETCO	STX - M-3	N	556,000	\$ 111,209.40	\$ 0.1993	\$ 111,209.40	Grays Ferry
				<u>2,221,584</u>			<u>\$ 730,708.00</u>	
	TRANSCO	3-6	N	10,025,896	\$ 13,535.22	\$ 0.0014	\$ 13,535.22	WGL
	TRANSCO	3-6	N	155,000	\$ 2,712.50	\$ 0.0175	\$ 2,712.50	Texla
	TRANSCO	3-6	N	155,000	\$ 2,726.00	\$ 0.0176	\$ 2,726.00	Texla
	TRANSCO	3-6	N	992	\$ 456.00	\$ 0.4597	\$ 456.00	WGL
	TRANSCO	3-6	N	4,557	\$ 2,099.32	\$ 0.4607	\$ 2,099.32	South Jersey
	TRANSCO	3-6	N	16,864	\$ 7,768.91	\$ 0.4607	\$ 7,768.91	Sprague
	TRANSCO	3-6	N	126,635	\$ 56,336.26	\$ 0.4607	\$ 56,336.26	CNE
	TRANSCO	3-6	N	95,542	\$ 44,014.00	\$ 0.4607	\$ 44,014.00	UGI
	TRANSCO	3-6	N	113,706	\$ 52,382.67	\$ 0.4607	\$ 52,382.67	Direct Energy
	TRANSCO	3-6	N	620,000	\$ 56,420.00	\$ 0.0910	\$ 56,420.00	Macquarie
	TRANSCO	3-6	N	310,000	\$ 25,110.00	\$ 0.0810	\$ 25,110.00	Colonial
	TRANSCO	3-6	N	310,000	\$ 33,460.00	\$ 0.1060	\$ 33,460.00	Infinite
	TRANSCO	3-6	N	155,000	\$ 10,075.00	\$ 0.0650	\$ 10,075.00	BP
	TRANSCO	3-6	N	310,000	\$ 10,075.00	\$ 0.0325	\$ 26,350.00	BP
	TRANSCO	3-6	N	7,265	\$ 3,356.00	\$ 0.4607	\$ 3,356.00	CIMA
	TRANSCO	3-6	N	310,000	\$ 20,150.00	\$ 0.0650	\$ 20,150.00	Talen
	TRANSCO	3-6	N	230,000	\$ 12,650.00	\$ 0.0550	\$ 12,650.00	Talen
				<u>##### ###</u>			<u>\$ 371,626.10</u>	
August-16	TETCO	STX - M-3	N	961	\$ 412.70	\$ 0.4294	\$ 412.70	WGL
	TETCO	STX - M-3	N	2,294	\$ 7,231.45	\$ 3.1523	\$ 7,231.45	Sprague
	TETCO	ELA - M-3	N	94,209	\$ 40,472.18	\$ 0.4296	\$ 40,472.18	UGI
	TETCO	STX - M-3	N	4,557	\$ 1,957.69	\$ 0.4296	\$ 1,957.69	South Jersey
	TETCO	STX - M-3	N	111,600	\$ 47,943.36	\$ 0.4296	\$ 47,943.36	Direct Energy
	TETCO	ELA - M-3	N	126,123	\$ 55,042.62	\$ 0.4296	\$ 55,042.62	CNE
	TETCO	WLA - M-3	N	93,000	\$ 9,566.30	\$ 0.1031	\$ 9,566.30	Texla
	TETCO	WLA - M-3	N	160,206	\$ 84,910.20	\$ 0.5300	\$ 84,910.20	Shell
	TETCO	ELA - M-3	N	466,946	\$ 256,062.00	\$ 0.5300	\$ 256,062.00	Shell
	TETCO	WLA - M-3	N	7,161	\$ 3,076.36	\$ 0.4296	\$ 3,076.36	CIMA
	TETCO	STX - M-3	N	556,000	\$ 121,253.30	\$ 0.2173	\$ 121,253.30	Grays Ferry
	TETCO	STX - M-3	N	556,000	\$ 121,253.30	\$ 0.2173	\$ 121,253.30	Grays Ferry
				<u>2,205,061</u>			<u>\$ 751,223.46</u>	

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PIPELINE	PATH	RECALL STATUS	VOLUME DTH	MONTHLY CREDIT	CREDIT DTH	TOTAL CREDIT	REPLACEMENT SHIPPER	
TRANSCO	3-6	N	155,000	\$ 2,712.50	\$ 0.0175	\$ 2,712.50	Texla	
TRANSCO	3-6	N	10,025,896	\$ 13,535.22	\$ 0.0014	\$ 13,535.22	WGL	
TRANSCO	3-6	N	155,000	\$ 2,728.00	\$ 0.0176	\$ 2,728.00	Texla	
TRANSCO	3-6	N	992	\$ 456.94	\$ 0.4606	\$ 456.94	WGL	
TRANSCO	3-6	N	4,557	\$ 2,099.32	\$ 0.4607	\$ 2,099.32	South Jersey	
TRANSCO	3-6	N	16,833	\$ 7,754.65	\$ 0.4607	\$ 7,754.65	Sprague	
TRANSCO	3-6	N	128,123	\$ 59,024.00	\$ 0.4607	\$ 59,024.00	CNE	
TRANSCO	3-6	N	94,240	\$ 43,414.57	\$ 0.4607	\$ 43,414.57	UGI	
TRANSCO	3-6	N	111,600	\$ 51,411.95	\$ 0.4607	\$ 51,411.95	Direct Energy	
TRANSCO	3-6	N	820,000	\$ 56,420.00	\$ 0.0910	\$ 56,420.00	Macquarie	
TRANSCO	3-6	N	310,000	\$ 25,110.00	\$ 0.0810	\$ 25,110.00	Colonial	
TRANSCO	3-6	N	310,000	\$ 33,480.00	\$ 0.1080	\$ 33,480.00	Infinite	
TRANSCO	3-6	N	155,000	\$ 10,075.00	\$ 0.0650	\$ 10,075.00	BP	
TRANSCO	3-6	N	310,000	\$ 28,350.00	\$ 0.0850	\$ 26,350.00	BP	
TRANSCO	3-6	N	7,181	\$ 3,299.02	\$ 0.4607	\$ 3,299.02	CIMA	
TRANSCO	3-6	N	310,000	\$ 20,150.00	\$ 0.0650	\$ 20,150.00	Talen	
TRANSCO	3-6	N	310,000	\$ 17,050.00	\$ 0.0550	\$ 17,050.00	Talen	
			<u>13,024,402</u>			<u>\$ 375,071.17</u>		
September-16	TETCO	ELA - M-3	N	870	\$ 373.75	\$ 0.4296	\$ 373.75	WGL
	TETCO	ELA - M-3	N	11,220	\$ 4,820.86	\$ 0.4297	\$ 4,820.86	Sprague
	TETCO	ELA - M-3	N	68,640	\$ 29,487.75	\$ 0.4296	\$ 29,487.75	UGI
	TETCO	STX - M-3	N	3,180	\$ 1,366.10	\$ 0.4296	\$ 1,366.10	South Jersey
	TETCO	ELA - M-3	N	83,190	\$ 35,738.43	\$ 0.4296	\$ 35,738.43	Direct Energy
	TETCO	STX - M-3	N	82,770	\$ 35,557.99	\$ 0.4296	\$ 35,557.99	CNE
	TETCO	STX - M-3	N	90,000	\$ 9,279.00	\$ 0.1031	\$ 9,279.00	Texla
	TETCO	STX - M-3	N	155,000	\$ 82,171.20	\$ 0.5301	\$ 82,171.20	Shell
	TETCO	STX - M-3	N	471,240	\$ 249,757.20	\$ 0.5300	\$ 249,757.20	Shell
	TETCO	STX - M-3	N	1,920	\$ 824.84	\$ 0.4296	\$ 824.84	CIMA
	TETCO	STX - M-3	N	540,000	\$ 117,341.97	\$ 0.2173	\$ 117,341.97	Grays Ferry
	TETCO	STX - M-3	N	540,000	\$ 117,341.97	\$ 0.2173	\$ 117,341.97	Grays Ferry
			<u>2,048,030</u>			<u>\$ 664,061.06</u>		
TRANSCO	3-6	N	9,702,480	\$ 13,098.60	\$ 0.0014	\$ 13,098.60	WGL	
TRANSCO	3-6	N	150,000	\$ 2,640.00	\$ 0.0176	\$ 2,640.00	Texla	
TRANSCO	3-6	N	150,000	\$ 2,625.00	\$ 0.0175	\$ 2,625.00	Texla	
TRANSCO	3-6	N	870	\$ 400.80	\$ 0.4607	\$ 400.80	WGL	
TRANSCO	3-6	N	3,180	\$ 1,464.90	\$ 0.4607	\$ 1,464.90	South Jersey	
TRANSCO	3-6	N	11,220	\$ 5,169.00	\$ 0.4607	\$ 5,169.00	Sprague	
TRANSCO	3-6	N	82,770	\$ 38,130.60	\$ 0.4607	\$ 38,130.60	CNE	
TRANSCO	3-6	N	68,640	\$ 31,620.90	\$ 0.4607	\$ 31,620.90	UGI	
TRANSCO	3-6	N	83,220	\$ 38,337.00	\$ 0.4607	\$ 38,337.00	Direct Energy	
TRANSCO	3-6	N	600,000	\$ 54,600.00	\$ 0.0910	\$ 54,600.00	Macquarie	
TRANSCO	3-6	N	300,000	\$ 24,300.00	\$ 0.0810	\$ 24,300.00	Colonial	
TRANSCO	3-6	N	300,000	\$ 32,400.00	\$ 0.1080	\$ 32,400.00	Infinite	
TRANSCO	3-6	N	150,000	\$ 9,750.00	\$ 0.0650	\$ 9,750.00	BP	
TRANSCO	3-6	N	300,000	\$ 25,500.00	\$ 0.0850	\$ 25,500.00	BP	
TRANSCO	3-6	N	1,920	\$ 884.00	\$ 0.4604	\$ 884.00	CIMA	
TRANSCO	3-6	N	300,000	\$ 16,533.00	\$ 0.0551	\$ 16,533.00	Calpine	
TRANSCO	3-6	N	300,000	\$ 19,500.00	\$ 0.0650	\$ 19,500.00	Talen	
			<u>12,504,300</u>			<u>\$ 316,953.80</u>		

October-16	PIPELINE	PATH	RECALL STATUS	VOLUME DTH	MONTHLY CREDIT	CREDIT DTH	TOTAL CREDIT	REPLACEMENT SHIPPER
	TETCO	ELA - M-3	N	899	\$ 543.30	\$ 0.6043	\$ 543.30	WGL
	TETCO	ELA - M-3	N	11,594	\$ 4,982.89	\$ 0.4298	\$ 4,982.89	Sprague
	TETCO	STX - M-3	N	70,928	\$ 30,471.00	\$ 0.4296	\$ 30,471.00	UGI
	TETCO	STX - M-3	N	85,963	\$ 36,930.00	\$ 0.4296	\$ 36,930.00	Direct Energy
	TETCO	WLA - M-3	N	85,963	\$ 36,930.00	\$ 0.4296	\$ 36,930.00	CNE
	TETCO	WLA - M-3	N	93,000	\$ 9,588.30	\$ 0.1031	\$ 9,588.30	Texta
	TETCO	WLA - M-3	N	160,208	\$ 84,910.00	\$ 0.5300	\$ 84,910.00	Shell
	TETCO	WLA - M-3	N	486,948	\$ 258,082.40	\$ 0.5300	\$ 258,082.40	Shell
	TETCO	WLA - M-3	N	1,116,000	\$ 103,788.00	\$ 0.0930	\$ 103,788.00	Texta
	TETCO	WLA - M-3	N	5,456	\$ 2,345.00	\$ 0.4298	\$ 2,345.00	CIMA
	TETCO	WLA - M-3	N	558,000	\$ 104,880.00	\$ 0.1876	\$ 104,880.00	Grays Ferry
	TETCO	WLA - M-3	N	558,000	\$ 104,880.00	\$ 0.1876	\$ 104,880.00	Grays Ferry
				<u>3,232,959</u>			<u>\$ 777,930.89</u>	
	TRANSCO	3-6	N	155,000	\$ 2,712.50	\$ 0.0175	\$ 2,712.50	Texta
	TRANSCO	3-6	N	155,000	\$ 2,728.00	\$ 0.0176	\$ 2,728.00	Texta
	TRANSCO	3-6	N	899	\$ 414.16	\$ 0.4607	\$ 414.16	WGL
	TRANSCO	3-6	N	3,289	\$ 1,513.73	\$ 0.4602	\$ 1,513.73	South Jersey
	TRANSCO	3-6	N	11,594	\$ 5,341.30	\$ 0.4607	\$ 5,341.30	Sprague
	TRANSCO	3-6	N	85,529	\$ 39,401.62	\$ 0.4607	\$ 39,401.62	CNE
	TRANSCO	3-6	N	70,928	\$ 32,875.00	\$ 0.4607	\$ 32,875.00	UGI
	TRANSCO	3-6	N	85,994	\$ 39,815.83	\$ 0.4607	\$ 39,815.83	Direct Energy
	TRANSCO	3-6	N	620,000	\$ 56,420.00	\$ 0.0910	\$ 56,420.00	Macquarie
	TRANSCO	3-6	N	310,000	\$ 18,600.00	\$ 0.0600	\$ 18,600.00	DTE
	TRANSCO	3-6	N	155,000	\$ 10,075.00	\$ 0.0650	\$ 10,075.00	BP
	TRANSCO	3-6	N	310,000	\$ 28,350.00	\$ 0.0850	\$ 28,350.00	BP
	TRANSCO	3-6	N	5,487	\$ 2,527.74	\$ 0.4607	\$ 2,527.74	CIMA
	TRANSCO	3-6	N	310,000	\$ 20,150.00	\$ 0.0650	\$ 20,150.00	Talen
				<u>2,278,720</u>			<u>\$ 258,524.88</u>	
November-16	TETCO	ELA - M-3	N	870	\$ 373.75	\$ 0.4296	\$ 373.75	WGL
	TETCO	ELA - M-3	N	11,220	\$ 4,820.12	\$ 0.4296	\$ 4,820.12	Sprague
	TETCO	STX - M-3	N	68,640	\$ 29,487.75	\$ 0.4296	\$ 29,487.75	UGI
	TETCO	ELA - M-3	N	3,180	\$ 1,366.00	\$ 0.4296	\$ 1,366.00	South Jersey
	TETCO	ELA - M-3	N	83,190	\$ 35,739.00	\$ 0.4298	\$ 35,739.00	Direct Energy
	TETCO	ELA - M-3	N	82,770	\$ 35,559.00	\$ 0.4296	\$ 35,559.00	CNE
	TETCO	ELA - M-3	N	155,040	\$ 62,018.00	\$ 0.4000	\$ 62,018.00	Coned Energy
	TETCO	ELA - M-3	N	471,240	\$ 155,980.44	\$ 0.3310	\$ 155,980.44	UGI
	TETCO	ELA - M-3	N	5,280	\$ 2,288.90	\$ 0.4297	\$ 2,288.90	CIMA
				<u>876,150</u>			<u>\$ 327,610.96</u>	
	TRANSCO	3-6	N	870	\$ 400.80	\$ 0.4607	\$ 400.80	WGL
	TRANSCO	3-6	N	11,220	\$ 5,169.00	\$ 0.4607	\$ 5,169.00	Sprague
	TRANSCO	3-6	N	68,640	\$ 31,620.90	\$ 0.4607	\$ 31,620.90	UGI
	TRANSCO	3-6	N	3,180	\$ 1,464.90	\$ 0.4607	\$ 1,464.90	South Jersey
	TRANSCO	3-6	N	83,220	\$ 38,337.90	\$ 0.4607	\$ 38,337.90	Direct Energy
	TRANSCO	3-6	N	82,770	\$ 38,130.60	\$ 0.4607	\$ 38,130.60	CNE
	TRANSCO	3-6	N	5,310	\$ 2,446.20	\$ 0.4607	\$ 2,446.20	CIMA
	TRANSCO	3-6	N	300,000	\$ 87,000.00	\$ 0.2900	\$ 87,000.00	Consolidated
				<u>555,210</u>			<u>\$ 204,570.30</u>	
December-16	TETCO	ELA - M-3	N	1,178	\$ 509.00	\$ 0.4321	\$ 509.00	WGL
	TETCO	ELA - M-3	N	11,594	\$ 4,999.00	\$ 0.4312	\$ 4,999.00	Sprague
	TETCO	ELA - M-3	N	76,136	\$ 32,824.00	\$ 0.4311	\$ 32,824.00	UGI
	TETCO	ELA - M-3	N	3,720	\$ 1,604.00	\$ 0.4312	\$ 1,604.00	South Jersey
	TETCO	ELA - M-3	N	99,541	\$ 42,911.00	\$ 0.4311	\$ 42,911.00	Direct Energy
	TETCO	ELA - M-3	N	103,540	\$ 44,637.00	\$ 0.4311	\$ 44,637.00	CNE
	TETCO	ELA - M-3	N	160,208	\$ 64,083.20	\$ 0.4000	\$ 64,083.20	Coned energy
	TETCO	ELA - M-3	N	486,948	\$ 181,179.79	\$ 0.3310	\$ 161,179.79	UGI
	TETCO	ELA - M-3	N	8,308	\$ 3,582.00	\$ 0.4312	\$ 3,582.00	CIMA
				<u>951,173</u>			<u>\$ 356,328.99</u>	
	TRANSCO	3-6	N	1,178	\$ 542.80	\$ 0.4808	\$ 542.80	WGL
	TRANSCO	3-6	N	11,594	\$ 5,341.30	\$ 0.4607	\$ 5,341.30	Sprague
	TRANSCO	3-6	N	76,136	\$ 35,074.33	\$ 0.4607	\$ 35,074.33	UGI
	TRANSCO	3-6	N	3,751	\$ 1,727.90	\$ 0.4607	\$ 1,727.90	South Jersey
	TRANSCO	3-6	N	99,541	\$ 45,856.44	\$ 0.4807	\$ 45,856.44	Direct Energy
	TRANSCO	3-6	N	103,540	\$ 47,689.70	\$ 0.4606	\$ 47,689.70	CNE
	TRANSCO	3-6	N	8,339	\$ 3,841.50	\$ 0.4807	\$ 3,841.50	CIMA
	TRANSCO	3-6	N	310,000	\$ 89,900.00	\$ 0.2900	\$ 89,900.00	Consolidated
				<u>814,079</u>			<u>\$ 229,973.97</u>	

Tab 7

Philadelphia Gas Works

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

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

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

Response:

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

**PHILADELPHIA GAS WORKS
JANUARY 2016 - DECEMBER 2016**

53.64(c) 8-9

MTR_NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL_CCF	Max Daily Qnty (Dth)
1457534	103372.05	81970.4	44557.61	30760.85	8492.64	0	12.53	0	0	17344.07	48558.03	93127.08	428195.26	267
2026784	9620.07	8146.96	6004.57	5306.84	2893.85	620.43	569.97	540.87	595.2	2880.94	5487.85	9220.04	51887.59	420
2024683	31039.31	29578.85	19107.07	12846.57	7142.25	1895.68	1703.99	1611.23	1901.06	10125.87	15796.22	26823.27	159571.37	360
2188212	17913.82	14828.43	7532.07	5933.51	590.61	0	0	0	10.36	3121.37	9279.11	15862.93	75072.21	706
1611639	13485.74	11203.6	2621.51	1596.44	0	44.42	0	0	0	1028.64	3734.47	11736.6	45451.42	1465
1519033	24987.85	21309.16	17947.78	12307.23	2676.42	0	0	0	31.1	4918.88	11452.19	21612.92	117243.53	994
1582086	0	0	0	0	0	0	0	0	0	0	0	0	0	450
1546132	85089.77	97585.07	98009.2	77932.22	97830.44	77436.54	95572.11	64022.14	92145.73	66453.71	88825.93	97381.94	1038284.80	500
1582085	2304010.81	2621060.63	2246575.08	2213287.03	2509437.07	2186695.89	2330979.1	2320904.7	2205390.56	1906992.69	2313661.47	2533209.7	27692204.77	2400
2064973	191120.57	167328.58	142305.36	127987.29	117267.88	104248.16	114868.72	116186.76	111242	118135.82	140142.41	183285.06	1634118.61	400
1724230	9016.75	7712.52	2958.41	1819.83	440.71	3.1	5.21	4.16	5.19	635.15	3857.38	9571.43	36029.84	280
1571006	12585.01	9632.55	3896.43	2693.21	885.01	0	0	0	0	870.1	4892.24	12116.57	47571.12	348
1571005	17630.16	13882.16	6339.09	3725.84	1183.58	0	0	0	0	1410.13	7328.03	16747.59	68246.58	1032
2027533	18026.47	13121.47	6730.09	5771.06	2296.51	18.23	0	0	0	2614.6	6169.65	12447.66	67195.74	58
1987805	12626.15	10576.16	5020.81	3357.27	1629.47	301.11	252.34	253.1	247.75	1666.82	5423.54	10553.43	51907.95	340
1724005	0	0	0	0	0	0	0	0	0	0	0	0	0	452
2027459	0	0	0	0	0	0	0	0	0	0	0	0	0	417
2035554	4747.97	4045.31	2859.53	2263.59	1266.19	621.07	568.59	526.21	589.76	1560.16	2937.15	4747.02	26732.55	240
2123225	31234.21	23185.97	18969.58	0	0	0	0	0	0	0	15639.05	23935.42	112964.23	81
1553337	26466.58	24896.1	15828.49	11252.39	3462.87	0	0	0	0	7544.67	13410.66	22957.84	125819.60	720
2064975	18574.35	19253.79	19496.14	17782.26	18962.15	18323.28	15378.6	16487.16	16585.37	17044.32	18366.61	20169.95	216423.98	200
2211338	69428.59	63973.31	64149.78	55876	54153.03	49162.25	53575.64	50780.37	43230.03	59398.96	62618.17	71711.74	698057.87	200
2027375	23161.06	21277.9	14369.83	10950.33	7443.57	3887.03	3221.5	3083.01	3567.78	7434.96	13717.77	21495.87	133610.61	180
1806081	43674.77	47874.09	50709.41	46438.29	47794.47	44536.84	43903	46503.05	49024.89	56482.68	55706.22	57379.53	590027.24	700
2035210	3033.69	2450.8	1483.46	840.6	0	0	0	0	1.03	547.34	1515.48	2328.04	12200.44	403
2035366	4001.1	3056.61	1720.81	1083.29	0	0	0	0	0	560.17	1553.44	2792.86	14768.28	311
1989426	31691.7	27426.73	17109.92	13262.78	5989.55	2354.88	2107.46	2097.91	2287.28	7725.86	15650.06	26749.79	154453.92	383
2024644	9953.56	8886.49	5082.54	3797.34	1749.67	1133.16	859.75	998.34	1342.87	2529.79	6365.39	9641.07	52339.97	340
2123519	66883.83	64857.47	60788.23	51892.22	45131.68	27123.17	23460.66	24004.62	25479.37	40831.3	55352.42	75092.98	560897.95	475
1723873	4293.8	3615.01	2107.45	1192.36	127.58	0	0	0	0	501.55	1762.09	4225.32	17825.16	958
2188210	25551.26	20074.88	14901.1	12409.14	7944.4	3054.02	3214.08	0	3939.63	4251.95	6517.55	0	101858.01	407
2064976	24859.12	23769.79	9714.17	5230.03	0	0	0	0	0	1841.96	14864.62	23742.44	104022.13	172
1989652	20769.64	15848.12	0	9624.15	8387.85	7349.25	5838.1	3927.26	3595.78	3795.38	13477.46	0	92612.99	226
2035356	3003.48	2320.28	1369.41	798.28	49.47	0	0	0	0	377.85	215.47	2345.75	10479.99	31
2024712	19575.33	14009.88	4566.92	2303.41	428.92	0	0	0	0	1606.07	4968.43	16304.87	63763.83	120
2188215	31014.38	23438.55	6299.98	3586.78	0	0	0	0	0	876.68	6633.1	23881.85	95731.32	1833
1553331	65867.87	53325.21	25384.62	16959.73	4529.1	1186.88	1103.2	1346.59	1055.97	7771.04	22889.35	53413.47	254833.03	300
2070242	2951.39	2603.1	1332.87	993.77	370.49	0	0	0	0	511.21	1294.94	2900.77	12958.54	302
2070260	3671.88	2927.64	1764.44	1339.32	506.95	0	0	0	0	461.67	1591.01	3307.35	15570.26	958
2070271	3729.35	3304.48	2108.6	1438.35	463.89	0	0	0	0	643.76	2656.94	3966.43	18311.80	419
2070249	4924.46	4216.43	3266.56	2751.52	1345.14	0	0	0	0	853.34	1837.42	3768.31	22963.18	336
1906628	12775.13	8798.06	2148.32	1757.2	197.67	0	0	0	0	154.98	5382.6	10649.07	41863.03	90
2025139	14592.7	12189.18	8426.47	3700.18	0	0	0	0	2.07	1322.95	8906.63	14493.07	63633.25	408
1987495	11983.1	12302.84	12208.93	10879.92	11635.05	10905.71	6377.51	13100.9	10865.68	10600.33	13147.65	10034.4	134042.02	216
1884506	12435.79	8862.78	3800.31	869.52	0	0	0	0	0	303.72	2129.36	9421.03	37822.51	266
1756663	77840.29	60984.36	29468.53	15226.13	1837.49	0	0	0	0	4336.07	26663.01	61540.78	277896.66	223
1658879	12153.04	10678.51	7033.11	5469	3042.21	1215.15	991.3	906.66	771.41	2114.15	5078.33	10727.78	60180.65	360
2026819	0	0	0	0	17615.93	12884.4	12761	4538.18	16451.78	18321.07	19888.92	21375.69	123836.97	425
1724853	43518.17	40009.29	12843.1	5140.87	1015.57	0	0	0	0	3019.64	11010.84	35830.11	152387.59	144
2024307	14547.5	11962.99	7124.56	4583.05	684.35	0	0	0	0	1217.68	4951.07	12862.08	57933.28	360
2188226	85662.35	69388.1	39658.97	27979.12	8583.59	7977.46	7443.03	7039.41	0	25718.04	52390.4	79937.96	411778.43	825
2188226	85662.35	69388.1	39658.97	27979.12	8583.59	7977.46	7443.03	7039.41	0	25718.04	52390.4	79937.96	411778.43	600
1921578	7957.88	7341.73	3594.65	4111.94	1845.74	1655.39	2024.04	1969.27	2324.61	2631.18	6276.42	6868.96	48601.81	81
2027635	4917.36	4544.86	3635.23	3316.87	4639.12	4805.8	4956.81	4674.56	4444.47	3883.6	3041.92	4451.67	51312.27	500
2157700	60377.8	56817.99	50542.28	47982.25	41602.11	37291.95	34020.28	31999.11	33869.47	42567.88	48231.56	64516.23	549818.91	2847
2012886	4540.51	3803.32	2130.69	1549.53	659.76	0	0	0	0	726.69	2130.72	3769.75	19310.97	75
1594769	0	0	0	0	0	0	65217.24	32536.6	0	0	0	0	97753.84	92
2090400	199684.33	177533.39	157017.65	136139.24	141191.06	129666.12	64316.8	89748.37	112427.07	115853.9	140226.7	208602.99	1672407.62	419
1621317	403270.85	354145.84	287145.37	240548.22	236803.23	197118.42	277659.97	298244.48	413189.09	197860.48	300872	347306.35	3554164.30	92
1987777	9878	8705.45	8764.34	7688.1	7554.72	7799.25	6583.27	6614.19	6636.56	7345.35	7982.62	8574.35	94106.20	43
1987797	12730.76	12135.7	10015.95	8261.64	7981.91	8073.97	7261.26	8358.14	8207.35	8708.03	9709.86	16543.45	117988.02	303
1884577	27704.98	23635.37	11312.34	9842.24	3719.56	0	0	0	0	3341.96	10973.77	21574.69	112104.91	624
2157694	14524.15	12353.18	7985.35	5009.03	1414.47	0	0	0	0	1309.62	5518.68	13097.71	61212.19	325
2027531	19491.04	14868.05	8264.36	7093.11	1659.67	0	0	0	5.18	1922.64	5388.48	14150.54	72843.07	3128
1685273	28475.61	22467.13	13785.13	10861.96	5897.68	2016.82	1718.64	1660.72	1813.94	5530.37	14082.87	25067.07	133377.94	782
2115837	26508.88	21690.59	17786.99	14165.21	11824.06	7412.97	6598.62	7659.64	9363.97	14990.49	20902.25	24712.71	183616.38	782
1906625	10168.58	9666.2	10243.55	7551.15	7341.89	6564.37	6065.57	6664.05	6562.37	6450.93	8779.65	9966.44	96024.75	30
1724008	41723.31	35455.47	30123.77	25512.34	21169.11	17638.37	16920.48	14777.19	13252.95	20904.67	27462.96	34762.29	299702.91	522
2027477	4000.39	3861.56	3565.58	3596.26	3404.75	2281.55	1752.42	2806.57	2003.57	3519.21	3576.33	2569.49	36937.68	162
2036147	8485.96	6853.29	3078.65	1900.07	1030.38	0	0	0	91.29	790.59	2489.4	4911.92	29631.55	312
2024704	12157.97	9753.64	3206.59	2520.97	1024.96	0	9.37	0	2.07	1788.18	4067.55	10715.94	45247.24	313
2157692	76887.51	67407.04	34239.98	2730										

**PHILADELPHIA GAS WORKS
JANUARY 2016 - DECEMBER 2016**

53.64(c) 8-9

MTR_NBR													TOTAL_CCF	Max Daily Qty (Dth)
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
2115543	5605.83	4601.09	2411.12	1596.52	421.21	0	0	0	0	804.12	2716.36	4888.85	23045.10	64
2157683	42578.51	40228.55	41931.07	38115.23	37524.39	32687.83	30813.77	33394.18	33352.35	34041.44	35229.71	43931.97	443829.00	550
2026758	15968.74	12162.34	7707.2	5109.03	2301.82	395.02	0	0	0	2211.61	5914.98	12515.53	64286.27	250
1806092	34112.78	40293.04	39854.35	35181.6	41272.81	41455.26	42001.95	35818.35	38069.45	30254.95	32960.09	34451.24	445275.87	384
2094623	0	174623.85	90405.78	89855.83	84392.32	86853.97	83862.67	73837.93	79726.53	73542.23	77874.02	77080.16	992055.29	1046
1987500	55214.87	38407.04	21944.29	11789.22	0	0	0	0	0	6568.29	12915.81	49357.79	196197.31	479
2027401	10249.52	8203.76	6715.51	7176.75	6476.96	6323.02	3388.06	6319.05	6552.34	5872.83	6886.72	8375.38	82539.90	305
2027402	12226.33	9699.01	7992.26	8652.65	7803.18	7752.43	3954.01	7747.98	8042.53	7050.39	8271.72	10021.82	99214.31	707
1658880	0	0	20019.29	17293.24	17136.7	15777.18	13927.44	16538.68	16323.46	18005.81	18325.98	19591.61	172939.39	272
2157688	13024.64	25753.4	22776.53	19464.29	18905.91	13491.38	21551.75	15366.2	15609.23	2411.82	0	0	168355.15	750
2157696	54318.11	48896.56	31558.37	22712.23	14565.94	7988.19	8588.7	9464.01	9045.43	17263	20778.92	16604.82	261786.28	450
1724001	19954.89	18194.79	11062.09	5680.15	738.87	0	0	0	0	1002.87	8698.65	13315.11	78647.42	173
1658881	27365.98	22508.1	14683.21	10947.02	2408.23	0	0	0	0	0	0	0	77912.54	403
1989625	5324.97	4882.75	1486.39	1006.1	0	0	0	0	0	11.49	88.76	1041.13	13841.59	454
2035891	8277.49	8347.98	11131.27	9363.46	3798.22	2338.4	1749.84	2052.47	2024.14	4028.04	6704.35	7983.77	67799.43	591
2036188	26918.38	20677.8	14337.35	13551.01	10197.29	11406.12	12673.64	12742.44	12658.53	13632.67	12722.62	24872.64	186544.09	1300
1921579	5089.16	3127.59	1854.76	1587.25	1595.44	1487.62	1124.22	1057.29	1763.89	2666.95	2715.88	3610.74	27680.79	843
1909351	7551.02	6341.37	3809.27	2294.07	775.1	0	0	0	0	1610.59	3445.51	6621.36	32448.29	504
2198755	14372.88	12124.95	7192.48	4696.66	1359.98	0	0	0	153.08	3578.38	10555.44	16234.49	70268.34	400
2024690	57058.92	48879.92	38501.61	36356.9	27665.88	9190.91	6663.14	5607.39	13214.68	9063.54	18146.62	32376.5	300726.01	300
2198741	0	0	0	0	0	0	0	73258.32	55512.16	73032.16	70349.6	71620.97	343773.21	300
2024715	32795.86	23141.96	10137.32	4173.82	0	0	0	0	0	2011.87	11593.26	24821.03	108675.12	503
2035967	5198.25	5243.46	6266.81	5986.3	6579.68	6173.34	6445.93	6621.58	6606.91	7083.7	6821.31	7290.72	76317.99	685
2024851	19185.38	17531.75	12081.52	8713.86	2495.68	0	0	0	17.62	3647.98	8245.61	16120.49	88039.89	244
2025158	22943.55	15922.29	4447.39	2307.52	0	0	775.93	1.1	1.09	0	7924.08	9652.69	63975.64	626
2171231	70244.01	59553.67	47851.08	41417.87	37936.84	30749.12	29221.77	33145.43	29908.25	41200.4	52081.24	71547.44	544857.12	860
1724011	13093.96	9343.46	2246.37	1139.63	31.48	0	0	0	134.84	1141.08	2418.47	10305.83	39855.12	907
2023840	5931.9	5440.01	4086.94	3048.02	1747.69	891.15	823.29	807.66	853.67	1955.97	3759.58	6023.73	35369.61	934
1658873	5276.77	0	0	0	0	0	0	0	0	1108.75	4270.19	11610.66	22266.37	1400
2036167	16859.75	14269.92	9113.3	5560.09	1632.67	0	1.04	0	0	3622.68	9368.22	15513.53	75941.20	4372
1806077	73406.81	65989.73	57748.41	26735.96	3133.36	2596.92	2296.25	1564.01	2083.51	28949.27	49996.71	67145.52	381646.46	277
2025150	8374.78	6594.71	3887.58	2727.26	436.81	0	0	0	0	1883.44	5798.72	7608.26	37311.56	178
2123510	9420.81	5305.64	3754.66	2123.86	398.02	14.52	0	0	0	1209.39	4315.19	7999.54	34541.63	90
2116171	44947.22	35397.62	25061.56	18195.99	10142.36	0	0	0	0	9865.19	22274.07	34612.96	200496.97	1252
2116174	81028.97	64082.32	47006.39	33718.25	19232.85	0	0	0	0	18767.8	41567.02	62122.02	367525.62	1252
2157697	61665.77	55892.07	51768.81	31222.13	28166.55	10367.12	9715.6	9161.63	9816.58	34074.89	39233.74	52626.64	393711.53	550
1989428	76556.26	62855.04	48274.38	40013.94	29700.28	18803.58	11036.76	11692.27	12740.24	33204.62	42047.97	60430.78	447356.12	302
2035975	11680.6	11875.39	10896.25	9963.42	10016.86	8430.48	6872.2	7215.11	6976.25	8868.52	9478.92	11886.09	114160.09	554
1826616	7007.15	6065.52	4120.88	3243.53	1881.76	0	0	0	0	2085.92	3695.14	6738.29	34838.19	703
2123526	21935.77	15818.86	7583.87	3479.62	0	0	0	0	0	721.19	6733.31	21597.39	77870.01	305
2027599	4678.44	4559.94	3439.83	2972.54	2314.01	1747.48	1705.63	1788.87	1911.68	2564.97	3056.89	4717.79	35458.07	123
1723898	49622.81	35473.55	15577.6	7845.84	0	0	0	0	0	6802.82	20312.43	42546.29	178181.34	424
2171221	29451.16	24752.89	22963.97	21856.12	20048.91	19349.21	17777.29	17744.29	18490.03	21407.86	23706.34	26807.73	264355.80	400
2132738	67086.76	55637.81	48663.65	47776.59	79765.47	66301.98	77054.78	86100.42	87132.42	101119.13	112072.58	131306.92	960018.51	424
2123509	27225.67	19488.1	5503.71	2280.55	1.1	1.1	1.1	1.1	1.09	186.17	4062.27	16296.77	75047.63	430
2188219	57887.34	49746.72	38227.86	36530.67	22441.07	17430.85	16739.22	16082.36	16236.64	25816.72	42540.94	53883.54	393563.93	324
1987785	6721.57	6280.05	5224.76	3218.67	1146.1	970.08	879.52	844.12	952.35	2300.55	5285.7	6200.86	40024.33	120
1884513	8815.86	7599.55	5750.39	4620.05	4470.18	3973.4	4611.64	4548.38	3436.92	4175.27	6627.01	9062.67	67689.32	241
1884573	30465.35	22731.16	10238.11	6068.67	1373.46	0	0	0	0	2516.13	8753.8	23996.48	106143.16	698
1611640	12026.84	8226.42	2314.75	1401.35	0	0	0	0	0	0	1544.83	8490.11	34004.30	240
2116154	11442.87	11352.51	8412.05	7030.96	9049.38	9772.94	4744.91	8639.76	6114.15	7251.73	6873.6	9138.48	99823.34	141
1921703	30204.29	25034.32	17329.68	13164.26	3420.38	0	0	0	0	6352.95	20226.62	38798.11	154530.61	400
2123295	6187.04	5567.11	5587.89	3330.97	4215.78	2079.86	3279.63	4894.75	4776.02	4352.84	6452.95	6580.77	57305.61	430
2171230	39471.45	30631.15	12446.21	5441.87	0	0	0	0	0	1888.67	11465.63	33540.13	134885.11	340
1724240	11040.17	10327.23	2653.57	2103.28	0	0	0	0	0	1209.07	4249.27	10264.85	41847.44	703
1514012	15546.85	12177.08	4249.59	2425.65	1345.47	0	0	0	0	1412.32	4480.7	10398.95	52036.61	264
2188213	9111.03	6775.53	3167.84	2141.53	326.91	0	0	0	0	1088.28	2770.66	5740.06	31121.84	418
2023947	9095.98	8116.52	5992.3	5273.97	4169.77	3256.92	3366.34	4203.14	3954.8	4063.34	6924.58	9032.12	67449.78	418
2133386	1856.61	1551.95	778.29	524.44	26.39	0	0	0	0	166.85	821.23	1249.81	6975.57	495
1987808	21.29	73.2	62.35	249.78	0	0	2291.22	8890.55	10637.07	2340.33	0	0	24565.79	370
1724003	10291.08	25846.65	18474.73	11795.26	7588.68	3542.11	3704.95	2491.47	4157.56	9325.95	14514.12	25968.92	135701.48	305
2171219	107978.92	90175.87	59035.05	45088.85	27546.79	14334.81	7727.75	104.1	104.6	27418.82	57204.77	88934.36	525654.69	449
1621318	28244.73	20474	6163.13	4178.15	0	0	10.4	0	0	2612.02	8036.45	26585.65	96304.53	550
1909301	1088834.83	1047529.15	1036097.84	669688.59	965296.56	649741.53	879086.306	1038992.6	985510.427	827273.835	855213.012	1007089.9	11050354.59	0
2027485	41323.2	33519.55	21883.61	13727.94	4511.04	3535.66	3207.34	1626.44	3043.72	11511.41	23350.64	37941.55	199182.10	1461
2023712	3723.2	3047.99	1310.95	1244.21	25.33	0	0	0	0	314.6	722.14	1973.6	12362.02	1461
2025166	5745.71	4011.56	877.84	530.81	0	0	0	0	6.24	279.17	1259.08	4167.8	16878.21	192
1987812	15230.76	11294.95	5818.69	3815.08	1070.13	0	0	0	0	2114.89	5498.8	11750.49	56593.79	1046
2115067	6542.98	5973.42	5095.91	3614.8	0	0	0	0	0	1749.6	3604.24	4627.73	31208.68	316
1826506	6219.23	6394.46	4825.7	4403.32	3940.84	4583.98	3983.12	3555.44	2718.71	4247.9	4275.25	6833.51	55981.46	302
2116016	3452.94	2922.33	1483.99	1089.31	411.54	0								

**PHILADELPHIA GAS WORKS
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MTR_NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL_CCF	Max Daily Qty (Dth)
1884510	26875.89	23108.94	15120.63	10521.32	7051.44	5456.41	4191.97	4086.83	4443.66	8245.53	12813.32	22466.76	144382.70	34
1826674	15803.38	14486.72	13280.4	9974.26	10450.56	10326.67	9362.3	9384.22	8182.01	8754.43	10126.52	12779.01	132910.48	114
2023831	3232.02	3314.82	3222.84	2986.13	2961.29	2540.88	2367.69	2227.23	2241.57	2753.37	2954.67	3374.34	34176.85	89
2025178	16984.1	14712.74	9520.62	5716.29	3583.33	1652.54	3231.26	5842.85	5524.06	8288.26	11082.57	15350.26	101488.88	149
1582087	20814.41	16089.29	9700.25	3988.82	10.87	0	0	0	0	1392.96	7067.39	18978.48	78042.47	676
1685278	44546	34434.19	18521.91	12560.42	4814.31	2607.04	2351.22	2493.29	2203.23	8638.94	16679.84	35009.03	184859.42	133
1658878	48322.32	34292.27	0	0	0	0	0	0	0	0	0	0	82614.59	1222
2198744	0	0	0	0	0	0	0	0	0	98704.4	80501.99	92546.42	271752.81	644
2198748	191601.89	209915.1	183083.02	135921.51	174805.39	159818.34	138793.17	158670.73	404975.58	103429.03	105141.59	121456.05	2087611.40	644
2115595	6635.91	7752.91	3310.57	2.35	1859.78	6644.75	10148.27	10287.07	6904.21	426.47	1.18	17882.96	71856.43	301
1406184	10227.58	8053.73	2863.07	1661.4	0	0	0	0	0	909.97	3731.06	8857.59	36304.40	144
1724851	78136.48	72378.44	63708.89	61026.64	51983.9	37189.24	34857.64	27623.99	39288.39	42142.63	56471.86	75478.9	640287.00	1461
1724852	92309.58	85002.58	75823.48	72919.38	61918.21	44564.57	41222.8	32523.28	46688.35	50404.66	67617.96	89510.69	760505.54	228
2023960	18847.65	17349.83	17887.49	18576.48	17479.92	17384.79	16764.99	17304.34	11714.5	9939.76	14218.01	12743.42	190211.18	1151
1722879	14249.19	13087.82	9510.13	7453.08	2951.55	1802.42	1181.48	1156.46	1676.72	3735.72	9296.1	14299.26	80399.93	302
1884404	2298.76	2168.4	1648.59	1310.36	350.07	38.36	235.75	231.25	242.71	872.57	1641.72	2196.09	13234.63	1500
2188099	2280.29	2144.63	1499.54	1269.05	388.7	318.77	297.27	284.38	280.2	837.57	1720.75	2301.6	13622.75	89
2188130	2212.18	2099.09	1999.79	1612.43	507.94	376.97	347.31	375.06	431.25	1267.3	1932.29	2281.4	15443.01	89
2211303	2699.46	2321.08	2012.53	1243.53	568.85	422.65	330.65	318.77	337.52	1178.66	1935.59	2934.87	16304.16	130
2123504	34183.12	23204.94	11432.46	6953.01	1474.87	0	1.38	1.38	1.39	5273.27	19673.44	30259.8	132459.06	276
2024604	5864.79	5637.43	6249.33	6388.87	8202.05	8349.44	7301.91	8625.41	8737.44	8167.91	5334.29	4662.57	83521.44	110
1906623	9354.18	7806.25	5566.54	4953.04	2100.85	848.68	916.14	869.12	940.89	5839.15	6360.3	8356.12	53911.26	89
1546144	5828.62	5274.98	2478.35	983.19	147.88	0	0	0	0	355.71	1500.63	4548.45	21117.81	285
2115841	52905.45	54980.02	49219.18	43237.45	37451.88	40884.42	40909.02	38055.19	38938.07	45272.77	48628.74	45785.81	536288.00	183
2115844	64321.55	61033.3	60319.86	53631.94	48635.48	51818.86	52215.2	49928.5	49725.95	56391.76	59858.15	57530.39	670480.94	240
2123527	16633.44	13332.85	7490.61	5228.21	1601.87	0	0	0	0	229.83	1310.22	9884.56	55711.59	831
1553331	65867.87	53325.21	25384.62	16959.73	4529.1	1186.88	1103.2	1346.59	1055.97	7771.04	22889.35	53413.47	254833.03	225
1723998	65908.58	57551.39	45587.56	40076.58	32750.53	18729.1	13430.25	12976.8	15348.21	25862.16	43889.13	56389.71	428500.00	907
2027560	6251.23	6324.67	4120.62	4079.49	2752.04	1729.6	1492.69	1620.71	1910.25	2868.48	4227.57	7547.17	44924.52	432
2024645	13300.4	12617.37	0	0	0	0	0	24557.37	985.48	3886.3	9838.24	14729.21	79914.37	313
2025149	7506.86	7165.62	4658.94	9624.63	10005.99	10194.11	2421.99	2288.01	7044	11573.13	6206.43	5757.65	84447.36	13.7
2116156	15874.34	13596.3	7654.5	6469.65	3487.01	2294.89	2222.69	2428.44	2816.63	7392.17	14151.11	21666.79	100054.52	76
2132737	63030.42	51094.13	31749.22	27205.28	17692.19	13538.2	12833.46	12817.09	19384.26	24290.27	36590.21	51200.26	381424.99	800
2036151	10280.5	8966.83	8966.83	4537.04	1869.18	0	0	0	0	2197.27	5406.79	9131.95	49049.09	202
2064880	3083.31	2597.81	2582.79	2549.66	2782.9	3288.05	2787.22	2941.56	2448.82	1741.37	1775.07	1992.79	30571.35	115
2023958	24500.06	22112.72	13014.48	7408.67	282.09	0	0	0	0	1401.48	4188.45	8972.24	81880.19	397
2024684	8447.79	7126.47	2596.89	1508.7	552.41	0	0	0	3.11	1183.61	3572.96	7325.9	32317.84	281
2116148	11602.71	9983.51	6574.71	4655.51	2262.62	903.59	897.26	927.54	948.07	1964.55	5466.75	10608.82	56795.64	500
2064974	29585.93	0	22283.91	8396.38	5257.46	0	0	0	0	2052.36	7816.14	24384.68	99776.86	456
2171222	19676.63	17001.18	5701.62	2840.75	832.51	0	0	0	0	1457.75	3114.62	8780.62	59405.68	300
1420497	128280.6	120774.87	100235.89	105177.57	98970.11	90398.71	77670.34	87777.89	73603.4	84279.29	70494.6	82851.14	1120514.41	2847
2012880	8089.63	7121.38	5161.72	4499.89	2966.96	1154.99	1014.16	1032.79	1108.83	2685.58	4587.1	7873.6	47296.63	396
1724854	95275.86	89330.5	85204.13	80316.95	58433.3	37398.53	35692.83	38566.32	38141.89	52396.55	71055.92	74225.99	756038.77	240
2188214	29198.02	21867.86	15773.95	13319.78	10230.26	1938.43	992.88	1946.26	2955.3	10068.88	14727.99	23841.24	146858.85	272
2171232	43925.64	43881.63	19672.45	8259.55	3041.5	0	0	0	0	4299.13	18244.78	34155.21	175479.89	400
2116159	27229.89	20232.54	8726.41	3602.38	2719.69	0	0	0	0	3740.11	2499.83	3003.64	71764.49	170
2116158	49438.81	41664.26	21324.05	7597.05	6326.34	0	0	0	10.36	6975.88	26498.54	49417.01	209252.30	2169
2133065	9131.57	7023.15	3960.32	1985.81	362.22	0	0	0	0	1129.47	3290.88	6155.72	33039.14	269
2116152	10835.36	8089.02	2672.93	1494.47	464.58	0	0	0	0	973.75	2971.57	8843.02	36344.70	245
2157693	9385.82	6880.85	2704.85	1557.1	200.46	0	0	0	10.37	335.49	2075.16	6509.48	29659.58	300
2123523	8454.91	6701.08	4354.83	2967.42	757.85	0	0	0	0	931.36	3190.47	8281.89	35639.81	375
2027510	7952.1	7922.52	6933.66	6409.06	6821.14	7067.51	7284.11	7643.01	8119.33	8907.62	8691.25	7515.57	91266.88	215
1954681	60915.24	48602.03	37720.97	35800.33	28322.17	30747.73	24105.16	23035.27	20844.09	25828.43	37836.28	55406	429163.70	127
2027454	8754.99	6980.19	5131.67	2312.99	0	0	0	0	0	832.94	5138.76	7217.92	36369.46	127
2035408	2964.88	2422.85	1156.26	633.12	0	0	0	0	0	250.85	1309.95	2748.93	11486.84	127
1685269	24518.65	25848.51	28703.55	23776.43	26278.85	25260.51	21244.42	23919.61	21921.01	24191.34	25141.64	28876.41	299680.93	216
2116004	6867.83	5182.8	2865.26	1667.22	0	0	0	0	0	1445.44	2066.25	4591.96	24686.76	103
2123495	15089.81	12836.4	9549.08	7614.46	6091.28	2219.21	2218.3	2228.63	3285.28	6067.92	8197.97	11916.02	87314.36	120
1987815	70247.26	61570.03	46015.46	38280.55	27737.32	5429.22	1674.31	6281.08	13398.22	32082.92	50648.53	68988.33	422353.23	131
1724010	22152.57	25061.57	25430.75	21469.14	23278.44	21752.8	21867.17	21587.71	22872.58	23338.1	21225.99	23517.47	273554.29	76
1826561	9568.22	7783.58	5221.21	4051.06	2138.86	891.09	830.55	796.15	853.37	2300.24	5766.56	9206.85	49407.74	132
2035839	6275.75	5559.48	3632	2848.62	2378.75	1612.95	1730.53	1617.19	1954.54	1858.73	3326.51	5574.9	38369.95	112
1756664	29869.52	24860.57	14573.1	9450.47	2307.25	0	0	0	0	3221.73	16172.67	30091.15	130546.46	346
1921700	43908.97	42437.56	20459.44	9643.54	2787.71	11.09	55.63	1291.06	0	6733.94	18436.2	40604.84	186367.78	549
2025107	9938.57	8465.44	3384.1	1640.04	0	0	0	0	0	0	2558.44	8446.38	34432.97	576
2116161	196831.4	185740.76	134149.91	69235.63	0	0	0	208.49	0	2729.55	106554.34	192971.28	888421.36	518
2157680	63438.51	56218.82	49497.42	44554.67	41294.66	36999.67	36050.75	35728.91	37121.4	50703.36	50774.95	61846.07	584229.19	267
2036180	46405.45	44685.93	42966.22	34896.33	31527.5	26226.91	24106.55	22107	21779.82	24995.56	30072.32	39474.1	389243.69	1362
1884579	8250.58	7197.75	5025.01	2173.75	0	10.4	0	0	0	2102.44	4532.82	6495.23	35787.98	174
1685272	51483.26	46277.27	26878.69	21091.87	8455.05</									

**PHILADELPHIA GAS WORKS
JANUARY 2016 - DECEMBER 2016**

53.64(c) 8-9

MTR_NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL_CCF	Max Daily Qty (Dth)
2064920	0	0	0	0	0	2501.86	2603.63	3213.41	3472.07	4353.57	7081.73	19184.63	42410.90	375
2123514	25338.85	21280.14	7939.36	2859.29	1102.6	979.18	663.92	165.66	71.1	451.13	6416.73	11652.94	78920.90	291
2012845	0	0	0	0	5543.4	4824.03	4479.52	4225.58	4568.37	6183.69	6792.86	7222.08	43839.53	400
2123515	27845.98	23286.96	9230.23	5542.53	345.78	0	11.84	11.84	35.41	2462.38	9040.63	21672.5	99486.08	211
2123516	30164.72	26252.26	13712.17	11690.09	7362.45	2867.04	2598.42	2522.22	2719.95	5305.42	11871.16	21182	138247.90	260
1685280	56650.51	44953.08	44963.52	52866.37	71994.42	54560.77	50658.43	52209.82	36425.18	53171.66	46134.87	59251.11	623839.74	625
2026766	17715.2	14373.49	7341.53	0	0	5103.11	0	0	0	1932.77	9098.15	14281.9	69846.15	272
2027581	17133.47	13748.21	7315.75	4858.86	635.52	0	0	0	6.22	3937.31	8513.01	13993.47	70141.82	354
1553327	37044.44	27940.93	22538.18	18244.98	10268.12	0	0	0	0	10137.19	20590.59	32561.57	179326.00	152
2133053	0	0	0	0	0	0	0	0	0	0	0	0	0.00	257
2133091	90561.33	89558.55	99250.43	89678.42	92099.7	95077	88288.18	89737.23	82706.28	89231.22	95859.8	96863.6	1098911.74	278
2027509	27998.97	23982.68	19720.06	17475.56	10443.74	7945.5	7434.82	7242.69	7268.09	8849.85	14597.13	22476.77	175435.86	450
2064979	18984.46	19282.59	10909.75	11324.05	15542.04	13214.91	5033.03	12979.4	15208.13	9088.3	3896.68	14165.44	149628.78	235
1658884	73310.54	67447.19	45379.03	38195.6	21639.47	6645.53	10206.9	17933.65	13736.73	27430.46	35924	53974.99	411824.09	240
1553324	36044.69	31858.21	17006.61	11609.57	1920.18	0	0	0	0	4959.54	20963.53	33479.33	157841.66	167
1724219	30.52	0	0	0	0	0	0	0	0	0	0	0	30.52	251
1601878	51453.31	33814.14	8493.36	0	0	0	0	0	0	0	0	0	93760.81	429
2188218	21357.7	18117.72	3847	2543.86	316.07	0	0	0	0	1338.92	8613.57	14683.12	70817.96	100
1987803	56059.1	45657.73	35367.04	35626.15	43770.79	63444.14	85497.14	99988.09	85323.42	57811.69	51630.87	52387.69	712563.85	296
2024719	8928.62	7415.53	4634.44	3447.57	1608.8	1230.8	1171.54	1517.25	1454.91	1312.79	3054.48	7971.41	43748.14	573
1989421	20620.08	20128.8	0	15450.73	2.2	0	0	0	0	1121.82	6556.12	17830.44	81710.19	400
1621319	39072.19	31180.46	25890.96	19137.33	12781.68	8265.19	9117.47	8894.25	8213.95	12724.66	19422.42	33647.99	228348.55	65
2027392	10993.68	11801.37	9588.74	7809.68	6326.66	6024.04	4926.19	5478.34	5347.02	6954.67	9045.28	11175.15	95470.82	400
2023955	89181.17	76171.03	53071.68	32658.06	14108.3	8484.64	6556.47	1521.06	1618.68	20876.71	48410.18	85476.96	436134.94	149
2171233	36381.33	30503.65	17879.43	13679.38	5764.03	2700.93	2923.51	2814.29	2916.78	9416.02	16184.72	32789.54	176533.61	650
2027498	25013.62	27593.32	32655.4	27616.19	29579.14	30358.28	27289.39	29124.45	24845.37	21605.38	24501.21	27076.02	327257.77	90
2035986	5693.56	5127	3686.76	3158.35	2544.32	2187.42	2433.17	2372.45	2164.08	2521.61	2649.24	3491.5	38029.46	599
2036046	3782.71	3647.07	1574.41	413.67	0	0	0	0	3.1	0	2633.55	3035.18	15089.69	120
2116023	0	0	0	0	0	0	0	0	1578.21	2166.41	1431.61	2359.58	7535.81	201
2123512	3876.52	3382.38	2184.34	1773.53	0	0	0	0	406.69	4654.06	10742.64	15880.52	42900.68	201
2025156	7441.85	6546.35	3136.91	2032.54	778.45	0	0	0	43.56	2372.47	4706.73	7416.39	34475.25	139
2188222	41618.08	36850.73	27694.2	18024.6	8269.83	5640.45	4320.71	3877.25	4823.57	13392.48	26689.99	41253.67	232455.56	599
1954684	75074.21	63658.57	33047.07	25169.22	4923.84	0	0	0	0	13741.46	32403.67	66744.99	314763.03	296
1514011	146274.97	126391.28	85429.28	86831.51	54435.76	0	0	0	0	25386.37	69266.67	124112.27	718128.11	254
2036186	123999.53	104332.66	71660.58	50073.94	18423.05	0	0	0	0	28895.51	59300.82	98013.73	554699.82	141
1806080	11569.3	9835.55	7322.56	7002.82	4799.65	3947.42	3756.07	1636.88	238.46	8135.27	8917.77	10805.93	77967.68	120
2115831	31866.06	28171.62	14923.11	1076.9	0	83.47	6889.71	502.59	13.88	0	10609.45	39308.81	133445.60	330
2036191	35543.99	48315.08	69608.64	59270.49	36285.2	36816.73	49073.5	46056.11	42637.43	32388.52	12995.61	34885.79	503877.09	120
2036194	376912.05	381084.96	366974.47	320362.86	290947.21	211122.1	255493.83	283024.52	276266.11	289389.35	294943.82	316228.52	3662749.80	89
2012857	2986.14	2653.26	2070.95	1389.69	2040.27	115.19	246.14	205.18	334.29	818.91	2000.2	3242.08	16302.70	72
2012851	4140.52	3980.76	2610.25	2161.11	1366.45	498.35	197.12	298.99	472.75	1662.66	2402.48	3587.5	23378.94	90
2012853	3789.02	3657.01	2781.22	2465.32	1526.01	122.44	127.16	222.88	442.53	2043.54	2658.16	3759.37	23594.66	72
2027476	9565.94	8127.59	8259.17	7673.78	6276.23	4873.83	4931.1	6279.9	6273.71	7761.87	8056.62	9200.62	212879.85	82
2025082	2425.32	1917.05	1301.68	1210.32	839.7	74.7	0	0	112	1021.73	1463.61	2401.47	12767.58	75
2025003	6099.85	5079.21	3789.04	3549.08	2916.46	2607.21	1855.2	2146.02	2611.96	3133.79	3663.12	5484.47	42935.41	54
1987801	32543.18	26992.59	18346.49	12992.73	6986.91	7475.51	24120.15	21432.43	7913.44	10057.15	16149.25	27807.02	212879.85	75
2027524	35368.66	28963.74	20010.26	14431.61	8081.87	8831.15	26565.3	23642.72	8877.9	11195.61	17804.95	30127.31	233901.08	207
2198739	8718.23	7021.81	2936.25	1641.2	0	0	1.04	1.04	3.12	649.68	3226.9	8088.05	32287.32	189
2024703	24482.7	13378.05	6673.24	4442.92	2343.41	85.09	0	0	0	2886.4	8513.88	17009.18	79814.87	50
2123490	6941.25	5594.18	2510.84	1330.09	2009.69	4045.58	9090.01	4804.82	5471.33	630.3	2008.54	4973.1	49409.73	50
1526435	95290.2	85541.29	59865.67	61546.72	53735.74	43421.77	36211.86	37628.37	44390	61092.57	71242.27	89241.63	739208.09	600
2116157	46922.82	41133.13	33790.67	32091.19	31452.99	21856.79	20933.28	20147.36	21780.07	29085.61	37650.89	47385.17	384229.97	86
1658874	45734.42	43060.34	45856.34	41278.24	43341.36	36512.28	20826.64	31865.05	33733.69	39115.02	42173.7	34924.07	458421.15	402
2123517	24216.72	21582.31	13409.78	10404.17	5658.34	3282.55	3277.01	3366.55	3773.02	7603.71	13211.78	22671.35	132457.29	430
2026874	4323.01	3461.87	2190.43	1758.43	753.33	0	0	0	0	536.47	1788.94	3421.83	18234.31	703
1954683	29410.29	49282.51	41767.75	27698.68	21705.56	18079.5	16622.15	17530.78	16885.51	41038.05	29277.79	43476.03	352774.60	200
1685268	9472.21	7379.14	3184.02	2151.92	105.59	0	0	0	31.1	334.56	1886.69	5520.12	30065.35	144
2027381	5019.11	4614.02	3036.37	2403.42	1405.71	1012.57	848.97	1018.13	869.16	1032.06	2539.08	4712.85	28511.45	513
2027430	5036.96	4603.56	3032.31	2394.01	1414.08	1001.13	855.44	1018.11	875.29	1031.04	2541.18	4868.88	28671.99	232
2027642	21369.97	16160.46	7442.31	4418.94	0	0	0	1.17	0	1393.44	5948.29	17379.58	74114.16	392
2115832	24804.98	20916.61	12333.37	12033.67	8682.92	5744.57	5353.59	5075.75	6075.7	9610.74	14349.75	25031.09	150012.74	375
2115589	9980.32	9118.52	6088.31	4103.46	2108.52	1649.52	1506.25	1472.65	1524.62	2539.05	4650.64	8310.45	50523.31	168
2115588	11100.22	10228.19	6586.19	4405.92	2179.86	1761.64	1704.29	1664.45	1750.81	2799.3	5238.88	9171.73	58591.48	100
2023812	15532.51	13253.61	8164.6	6388.12	4397.84	2194.76	1986.72	1914.25	2060.75	4859.43	6767.63	13128.32	80648.54	235
1402992	48547.06	39860.34	25431.15	19146.49	9193.32	2399.56	2264.45	2167.84	2313.68	11276.29	23330.27	41663.27	227593.72	500
2023952	41985.33	36173.66	23334.83	16758.82	8559.62	4924	4330.84	4002.29	4220.73	15155.92	25401.96	36707.45	221555.45	140
1771898	7964.4	13182.1	0	68701.67	105389.35	59813.12	54691.16	100057.71	105733.34	100061.23	72951.48	39117.25	727662.81	648
1722906	18528.24	17824.24	10151.46	5000.15	4953.18	0	1.17	0	0	4153.42	13371.99	19758.79	93742.64	222
2036145	21142.91	18638.31	10738.88	8148.78	5168.8	2438.96	2357.49	2455.54	2523.49	4479	7469.58	19223.48	104783.22	24.6
2027591	4071.82	4055.48	2773.49	1872.44	1570.04	1								

**PHILADELPHIA GAS WORKS
JANUARY 2016 - DECEMBER 2016**

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MTR_NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL_CCF	Max Daily Qty (Dth)
2024389	4368.59	3581.96	1006.84	723.1	0	0	0	0	0	690.58	1904.23	3514.98	15790.28	90
1906630	5531.19	4368.53	1454.13	613.4	0	0	0	0	0	427.16	1599.55	4925.09	18919.05	43
2115141	6760.61	5791.15	2002.67	1725.34	303.22	0	0	0	21.77	808.22	2306.51	4544.03	24263.52	26
2024367	7657.08	6232.15	4239.01	1462.8	0	0	0	0	3.22	254.94	1530.62	4276.47	25656.29	26
2024706	8014.77	6962.64	3609.52	2147.44	207.08	0	0	0	1.03	332.6	2154.66	6891.35	30321.09	156
2116149	7283.09	8555.65	3782.26	2029.28	0	0	0	0	0	586.27	2218.89	5875.89	30331.33	341
2115842	8531.84	7209.17	3001.99	1796.37	452.02	0	0	0	3.12	687.65	2550.07	6806.58	31038.81	748
2115136	9941.46	7485.87	2974	1652.17	301.19	0	0	0	1.07	208.49	3102.78	6166.35	31833.38	72
2115833	7982.97	6959.94	3109.43	2228.16	434.04	0	0	0	46.65	644.66	2805.99	8096.29	32308.13	690
2027484	6219.18	5004.93	2022.1	1242.41	170.09	0	0	1.04	0	741.57	3471.45	14689.14	33581.91	98
1987786	10413.85	8245.94	4710.12	2292.32	208.05	0	0	0	0	54.57	2329.75	7667.75	35922.35	48
2123489	9498	6767.04	3959.91	2623.67	403.93	2.14	1.07	1.07	4.28	874.33	3629.18	10165.01	37929.63	190
2123520	11622.62	9274.92	3845.58	935.56	0	0	0	0	10.96	770.5	2651.2	10488.33	39599.67	250
1553328	9989.06	8818.33	4418.83	1988.93	633.58	0	0	0	42.88	1275.79	6710.63	6148.87	40026.90	27.4
1526470	11976.73	10190.31	4573.24	2366.19	682.66	0	0	0	0	955.95	2889.52	8518.74	42153.34	186
2115143	11837.17	8548.11	3394.02	2843.96	534.1	0	0	0	7.33	1820.02	4508.04	10194.49	43687.24	750
2157690	13027.3	7055.04	4306.15	3799.35	1942.25	0	0	0	21.44	863.58	3481.26	11544.49	46040.86	90
2123521	13784.16	11646.68	3394.98	2021.86	0	10.73	0	0	0	1666.08	3310.71	11361.93	47197.13	380
2027483	0	11486.13	0	14902.27	3238.11	1.08	0	0	1.07	2200.51	5655.02	11104.42	48588.61	95
1987496	22985.83	13446.98	2735.41	0	0	0	0	0	0	1380.37	4499.79	13210.5	58258.88	50
2036193	19061.66	13364.38	5541.72	2823.1	0	0	0	0	0	1569.72	5004.83	14988.27	62353.68	126
2027464	17572.43	15672.38	6898.4	3527.99	864.69	0	1.04	0	309.09	1786.09	5756.67	14332.38	66721.16	424
2036185	20025.34	15445.36	7730.91	3805.9	567.09	0	0	0	51.87	2878.24	4545.48	13206.51	68256.70	72
2036189	21350.03	20843.42	10565.88	4509.47	1642.03	0	0	10.95	0	1828.42	4683.27	16515.15	81748.62	168
2116151	20390.4	16375.31	8082.45	6544.48	3773.97	0	0	0	0	3245.8	9711.16	16883.12	85006.69	455
2123513	22182.55	21003.84	8738.59	6369.63	2466.36	0	0	41.65	0	1861.87	14759.83	10173.14	87597.46	380
1658876	24036.27	23531.71	14356.81	8280.08	0	0	0	0	0	1604.42	7143.21	28457.78	107410.28	54
1414492	31978.68	23481.54	10758.12	6589.58	1263.84	0	0	0	0	2931.07	10523.08	25589.17	113115.08	154
2036195	33462.03	32624.69	13677.31	12235.06	3582.01	0	0	0	0	5348.48	10837.1	33018.1	144784.78	120
2064980	70659.9	59085.64	27879.2	18194.02	6177.77	0	0	0	0	10058.28	22919.22	64897.62	279871.65	223
1987810	8805.88	9607.22	3817.7	2070.22	0	0	0	0	0	620.72	4335.36	9601.21	38918.31	2087
2025031	13651	11159.95	5808.49	2557.46	1.06	1.06	5.36	7.49	69.77	3971.09	10264.25	14400.32	61897.30	90
2027520	18792.54	15622.23	7552.61	3534.94	0	0	0	0	0	2250.33	6752.8	14814.44	69319.89	149
1658875	28857.86	28868.62	14915.85	2355.63	0	0	0	0	0	2808.62	16392.02	28144.66	122343.26	400
1724856	38707.21	27759.11	9113.14	4286.2	0	103.9	0	0	0	2518.74	12316.34	34339.84	129144.48	701
2123528	18912.7	20684.81	16840.56	13868.38	9477.37	622.61	0	0	51.85	10884.14	18584.78	24017.22	133944.40	430
2133093	36641.34	28605.17	16260.45	7312.43	0	0	0	0	1.38	3047.08	14491.04	37893.39	144252.28	500
2115137	29382.83	23982.89	16548.55	11052.39	0	0	0	0	0	6519.03	25688.16	33881.53	147055.38	417
2024702	35142.12	31529.54	18501.11	12206.62	0	0	0	0	0	4347.69	19690.95	28796.8	150214.83	58
1546148	25498.85	19685.4	18956.24	0	17109.45	0	0	0	0	28478.33	40018.67	54607.39	202354.33	844
1553325	54109.74	42454.42	30188.74	27451.85	9617.8	207.86	0	0	0	10181.59	38565.9	62800.27	275578.17	397
2064977	0	0	0	0	0	25247.86	0	0	114.06	1664.67	3011.42	6986.1	37024.11	250
2024694	11337.4	9358.38	3481.45	2521.33	963.35	0	0	0	4.16	975.3	3071.5	8806.65	40519.52	377
2024285	7768.91	6614.21	4367.44	3463.19	2110.96	576.36	466.31	458.45	508.36	2183.72	4068.23	6611.02	39197.16	4740
2024299	9364.65	7698.89	4912.4	3749.62	2032.06	630.41	545.62	674.23	611.63	2520.77	4738.48	7547.25	45026.01	64
2024290	9814.75	8332.49	5846.38	4707.04	3117.31	775.72	554.05	516.83	553.24	3629.76	5955.96	8285.06	52088.59	64
2027403	18878.29	16298.93	10285.42	7210.13	4404.48	1463.53	1279.3	2509.96	3773.96	6750.86	11077.17	18774.75	102706.78	400
2133071	23091.22	20380.44	13882	10924.43	8880.42	5827.56	5279.35	4957.06	3153.27	5854.79	10155.69	18302.56	130688.79	1269
2024675	8042.57	6719.25	4768.24	3701.4	1919.46	430.44	379.54	372.63	413.5	3517	8384.49	668.87	39317.39	64
2027527	17724.54	14462.99	9529.33	8030.31	3736.05	1530.62	1430.45	1407.32	1428.57	4469.72	10210.79	20279.98	94239.68	64
2123460	8389.33	6754.98	2336	1543.09	265.11	0	0	0	0	12.57	2309.77	6217.19	27828.04	89
1884576	38108.8	34021.47	18190.87	16096.6	7503.93	44.31	0	0	0	12040.31	17270.74	28364.82	171841.85	89
1611635	79381.85	68353.26	39558.83	26436.5	15772.21	5202.01	4819.22	4495.46	5608.96	17682.04	35412.7	67247.16	369970.20	3300
2027387	17059.82	14338.1	11546.95	9052.74	6243.75	4022.33	4190.86	4053.34	4146.41	6038.64	9732	16370.12	106795.06	224
1885276	12902.69	9244.43	4595.9	2705.75	475.09	0	0	0	0	1121.81	4191.9	9686.08	44923.65	437
1658882	41701.58	30314.87	17537.07	8361.43	2650.27	0	0	0	0	3585.14	17942.48	28312.93	150405.77	31
1723900	40929.92	34201.82	26530.12	24617.16	24444	22127.77	21184.53	20950.32	21157.85	23633.27	25313.89	33524.78	318615.43	453
2171234	74761.41	69182.78	63914.57	50419.56	47559.93	0	94800.19	47451.77	45493.15	54453.45	62071.41	73339.3	683447.52	500
2115901	714.95	555.34	301.04	169.03	0	0	0	0	0	62.76	295.99	545.81	2644.92	925
2115434	1027.99	823.8	396.2	203.71	35.91	0	0	0	0	35.4	410.59	834.88	3768.48	541
2035694	1841.14	1460.05	697.33	418.72	0	0	0	0	0	65.04	626.63	1220.02	6328.93	60
1987683	1852.2	1567.8	707.15	508.78	0	0	0	0	0	138.93	697.33	1287.29	6759.48	302
1987633	4329.37	3237.51	1545.18	924.67	0	0	0	0	0	273.84	1623.21	3400.31	15334.09	1252
2023825	7324.87	6387.81	3068.51	1308.64	14.53	0	0	0	0	459.78	2431.95	5988	26984.09	541
2027536	7674.43	6427.07	2803.14	2160.51	0	0	0	0	0	0	3049.83	6220.69	28335.67	416
2027563	9629.43	7815.84	3153.44	1823.39	0	0	0	0	0	0	3492.99	9203.31	35118.40	388
1722889	11579.36	8809.93	3803.53	3632.91	1180.17	0	0	0	0	2117.35	5208.98	9345.86	45678.09	373
1528423	18012.16	13228.68	9698.96	7098.52	4350.16	2004.83	1762.9	1896.86	1969.83	5400.9	10343.84	14601.4	88369.04	400
2026870	6929.66	6210.19	1841.8	822.39	223	0	0	0	5.18	430.79	1822.56	3295.55	21581.12	1851
1806079	26940.01	22109.78	10422.29	9810.39	4971.55	111.15	13.95	0	599.43	9308.81	16655.16	23493.98	124436.50	107
2027641	15030.19	11357.76	4732.21	3096.01	1436.33	0	0	0	0	1717.85	6540.71	10346.46	54257.52	368
2024992	1860.45	1593.81	831.29	601.64	279.47	0	0	0	0	193.71	872.29	1674.13	7906.79	1851
2025099	4233.99	3431.75	1524.21	1053.85	327.99	0	9.37	0	14.51	242.76	2272.91	4413.13	17524.47	54
1986388	6293.97	4956.9	2508.62	1751.6	441.31	0	0	0	0	538.66	2402.69	5072.11	23965.86	38
2188225	17187.42	14806.17	10291.66	7900.09	6433.65	5204.27	5175.57	5398.71	4878.88	8538.19	12874.73	16		

**PHILADELPHIA GAS WORKS
JANUARY 2016 - DECEMBER 2016**

53.64(c) 8-9

MTR_NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL_CCF	Max Daily Qty (Dth)
2123522	0	0	0	0	0	0	0	0	0	0	17578.83	5246.83	22825.66	430
1611015	0	0	5423.09	32740.54	35526.23	29814.16	37138.86	48359.56	53498.64	55641.82	29865.33	16761.95	344770.18	547
2188223	11861.72	8343.15	3834.73	1682.63	831.14	0	438.71	10.41	31.09	1664.74	3865.8	8751.32	41315.44	1225
1658886	0	0	0	0	0	0	0	0	0	0	0	0	0.00	90
2064981	0	0	0	0	0	0	0	0	313.14	0	0	0	313.14	11586
1658885	4353.25	4014.27	312.6	416.36	2487.74	623.18	66379.83	22603.78	11990.14	2209.05	517.95	2732.77	118640.92	400
2036192	68350.46	64663.41	46856.94	42188.17	34591.88	25036.42	24869.86	26797.34	28326.37	35132.23	40869.8	53155.03	490837.91	740
1786009	375631.29	335096.98	265206.56	224905.3	187709.54	142420.62	131797.9	131748.88	151619.45	195374.64	242921.76	343673.76	2728106.68	5500
1786008	404607.91	360558.1	284528.79	241179.53	200886.22	152289.04	141192.07	141234.01	163079.39	210540.9	262505.82	372902.36	2935504.14	5500
2064982	920957.46	758476.51	572064.06	503620.64	405111.79	308950.54	294280.24	288720.36	308459.62	414699.84	543980.54	805001.82	6124323.42	5500
2027386	6455.9	9576.78	7685.18	5856.21	4824.82	4556.42	4907.93	6807.38	7512.12	7492.15	4775.17	5454.52	75904.58	141
2026820	18234.02	12473.37	17147.27	16589.41	17568.61	15891.73	16598.47	16586.89	16074.65	18123.48	18124.18	19037.85	202449.93	300
2023953	75323.28	63968.37	50377.38	47701.52	37691.67	21064.26	18687.44	18732.39	24798.59	42921.88	48077.1	64507.88	513851.76	576
2027625	5073.08	4165.37	2046.81	1827.43	463.56	0	40.89	220.78	750.16	1145.41	2245.29	3757.39	21736.17	1565
2027564	5125.36	4223.51	2048	1741.14	532.49	210.75	88.95	212.51	720.96	1292.76	2621.43	4769.05	23586.91	728
2027529	58324.75	45559.73	28817.03	20075.39	10775.46	6112.92	5612.09	5340.96	5616.47	14957.06	32171.1	50051.9	281414.86	706
2035886	9473.61	7896.79	5636.21	1854.65	3938.13	5718.25	4421.58	4791.36	4610.48	7378.78	6238.15	5078.19	67036.18	95
1526433	59501.02	53726.7	47463.17	43620.36	38282.62	31143.95	28813.07	27717.28	29960.01	36650.6	46019.69	59130.79	502029.26	1043
2116160	31092.16	29147.98	11908.34	8142.46	0	0	0	0	0	0	8345.29	19687.55	108323.78	547
2027434	6983.12	5777.78	3059.67	2196.55	1021.49	2054.95	3669.21	3633.99	2248.37	1595.22	2902.05	6106.91	41249.31	455
2027433	8603.31	7017.59	3758.42	2677.89	1151.61	2196.32	4226.35	4361.31	2576.12	1847.49	3477.7	7392.73	49286.84	450
1909300	199701.472	195714.014	111419.345	202467.338	53749.075	46675.3514	16017.8381	1230.0253	2464.91111	89708.7851	110791.096	190010.67	1219949.92	0
1685277	30278.22	18667.26	8035.52	4530.57	673.13	0	0	10.42	31.11	804.53	5003.56	20854.21	88888.53	380
1546146	23535.39	20440.99	13436.77	10958.31	6899.42	4175.76	3652.61	3554.32	4074.21	7585.28	11173.65	19994.99	129481.70	313
1526425	24634.65	21292.82	15164.28	10042.87	2879.39	2240.89	2072.92	2059.2	1881.61	8114.33	13510.06	20797.26	124690.28	360
1582089	59181.58	49863.4	31329.56	23460.26	4777.14	3838.52	3521.97	3428.43	3617.04	18040.86	31050.09	50745.82	282854.67	479
2024714	12185.3	9596.29	4681.8	3041.15	0	0	0	0	0	1320.76	4949.94	9548.45	45323.69	167
2064820	3116.43	2381.21	1081.29	787.42	147.05	0	0	0	1.03	308.58	643.72	2103.69	10570.42	99
2157702	33850.2	31416.68	22525.69	20114.8	21702.18	15856.73	13693.7	15212.44	17859.84	21834.52	21062.26	28331.23	263460.27	43
2036187	43116.62	40187.79	21710.21	14732.36	8322.1	125.04	0	0	430.58	10558.65	16909.28	32921.04	189013.67	576
2027583	29482.52	27492.17	28675.1	28400.74	29471.01	28693.09	29750.37	29970.77	29199.55	30312.98	37137.4	39242.58	367828.28	202
2116162	167188.5	150984.26	137754.97	123825.79	104579.8	83205.78	73382.64	81508.64	87128.93	107396.91	130117.19	157616.25	1404689.66	2549
1685275	3930	3570	4040	3590	3380	3850	3080	3430	3090	3970	3840	5500	45270.00	375
2027494	22212.25	19778.38	13278.69	6484.18	1830.1	0	0	0	0	2340.3	14217.42	20755.15	100896.47	100
2123484	4074.86	3657.55	2398.32	2142.33	1945.91	1548.71	1408.73	1469.52	1628.85	2025.37	2228.06	3402.68	27930.89	119
2123463	4538.19	4080.6	2698.02	2410.43	2184.23	1740.9	1569.48	1618.58	1810.13	2281.6	2501.93	3764.09	31198.18	80
2123467	6796.3	5888.76	3909.62	2654.91	1248.87	548.35	455.95	433.41	444.82	1495.96	3712.75	6197.47	33787.17	80
2115593	19006.2	17592.34	13099.52	10478.65	10392.12	6941.26	4383.29	7444.61	6652.41	7783.85	10141.64	14608.12	128524.01	388
1575425	14800.3	8976.42	4356.42	2247.31	0	0	0	0	0	0	6141.69	13748.48	50270.62	383
2211334	17705.8	16197.7	9857.24	3904.01	3678.69	2045.92	1467.15	2634.81	1431.48	2855.78	6916.78	11277.89	79973.25	449
2025172	10978.92	10508.54	3111.25	2109.04	0	0	6.7	2.64	0	553.14	2036.29	5151.89	34458.41	175
2025146	12066.3	11613.42	3414.33	2297.88	0	0	6.7	1.32	1.31	618.45	2285.55	5607.89	37913.15	140
2027443	22714.98	19556.9	11628.3	8288.93	4872.49	2962.3	2520.39	2557.91	2821.05	5470.7	9879.43	18438.29	111711.67	430
1526478	32905.86	29424.62	11185.13	5811.36	564.3	0	0	0	0	1454.24	9126.78	25735.14	116207.43	135
2027160	9068.83	7864.96	5147.86	2714.95	0	0	0	0	0	1582.39	4783.46	8425.34	39587.79	164
2024698	7645.81	6511.36	3468.56	2382.24	777.65	0	0	0	0	246.32	3376.78	7185.31	31594.03	272
1601880	14510.96	11489.69	5741.44	3697.88	1463.48	0	0	0	0	1077.9	4964.74	11411.04	54357.13	272

Tab 8

Philadelphia Gas Works

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

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

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

Response:

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

**PHILADELPHIA GAS WORKS
JANUARY 2016 - DECEMBER 2016**

53.64(c) 8-9

MTR_NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL_CCF	Max Daily Qty (Dth)
1457534	103372.05	81970.4	44557.61	30760.85	8492.64	0	12.53	0	0	17344.07	48558.03	93127.08	428195.26	267
2026784	9620.07	8146.96	6004.57	5306.84	2893.85	620.43	569.97	540.87	595.2	2880.94	5487.85	9220.04	51887.59	420
2024683	31039.31	29578.85	19107.07	12846.57	7142.25	1895.68	1703.99	1611.23	1901.06	10125.87	15796.22	26823.27	159571.37	360
2188212	17913.82	14828.43	7532.07	5933.51	590.61	0	0	0	10.36	3121.37	9279.11	15862.93	75072.21	706
1611639	13485.74	11203.6	2621.51	1596.44	0	44.42	0	0	0	1028.64	3734.47	11736.6	45451.42	1465
1519033	24987.85	21309.16	17947.78	12307.23	2676.42	0	0	0	31.1	4918.88	11452.19	21612.92	117243.53	994
1582086	0	0	0	0	0	0	0	0	0	0	0	0	0.00	450
1546132	85089.77	97585.07	98009.2	77932.22	97830.44	77436.54	95572.11	64022.14	92145.73	66453.71	88825.93	97381.94	1038284.80	500
1582085	2304010.81	2621060.63	2246575.08	2213287.03	2509437.07	2186695.89	2330979.1	2320904.7	2205390.56	1906992.69	2313661.47	2533209.7	27692204.77	2400
2064973	191120.57	167328.58	142305.36	127987.29	117267.88	104248.16	114868.72	116186.76	111242	118135.82	140142.41	183285.06	1634118.61	400
1724230	9016.75	7712.52	2958.41	1819.83	440.71	3.1	5.21	4.16	5.19	635.15	3857.38	9571.43	36029.84	280
1571006	12585.01	9632.55	3896.43	2693.21	885.01	0	0	0	0	870.1	4892.24	12116.57	47571.12	348
1571005	17630.16	13882.16	6339.09	3725.84	1183.58	0	0	0	0	1410.13	7328.03	16747.59	68246.58	1032
2027533	18026.47	13121.47	6730.09	5771.06	2296.51	18.23	0	0	0	2614.6	6169.65	12447.66	67195.74	58
1987805	12626.15	10576.16	5020.81	3357.27	1629.47	301.11	252.34	253.1	247.75	1666.82	5423.54	10553.43	51907.95	340
1724005	0	0	0	0	0	0	0	0	0	0	0	0	0.00	452
2027459	0	0	0	0	0	0	0	0	0	0	0	0	0.00	417
2035554	4747.97	4045.31	2859.53	2263.59	1266.19	621.07	568.59	526.21	589.76	1560.16	2937.15	4747.02	26732.55	240
2123525	31234.21	23185.97	18969.58	0	0	0	0	0	0	0	15639.05	23935.42	112964.23	81
1553337	26466.58	24896.1	15828.49	11252.39	3462.87	0	0	0	0	7544.67	13410.66	22957.84	125819.60	720
2064975	18574.35	19253.79	19496.14	17782.26	18962.15	18323.28	15378.6	16487.16	16585.37	17044.32	18366.61	20169.95	216423.98	200
2211338	69428.59	63973.31	64149.78	55876	54153.03	49162.25	53575.64	50780.37	43230.03	59398.96	62618.17	71711.74	698057.87	200
2027375	23161.06	21277.9	14369.83	10950.33	7443.57	3887.03	3221.5	3083.01	3567.78	7434.96	13717.77	21495.87	133610.61	180
1806081	43674.77	47874.09	50709.41	46438.29	47794.47	44536.84	43903	46503.05	49024.89	56482.68	55706.22	57379.53	59027.24	700
2035210	3033.69	2450.8	1483.46	840.6	0	0	0	0	1.03	547.34	1515.48	2328.04	12200.44	403
2035366	4001.1	3056.61	1720.81	1083.29	0	0	0	0	0	560.17	1553.44	2792.86	14768.28	311
1989426	31691.7	27426.73	17109.92	13262.78	5989.55	2354.88	2107.46	2097.91	2287.28	7725.86	15650.06	26749.79	154453.92	383
2024644	9953.56	8886.49	5082.54	3797.34	1749.67	1133.16	859.75	998.34	1342.87	2529.79	6365.39	9641.07	52339.97	340
2123519	66883.83	64857.47	60788.23	51892.22	45131.88	27123.17	23460.66	24004.62	25479.37	40831.3	55352.42	75092.98	560897.95	475
1723873	4293.8	3615.01	2107.45	1192.36	127.58	0	0	0	0	501.55	1762.09	4225.32	17825.16	958
2188210	25551.26	20074.88	14901.1	12409.14	7944.4	3054.02	3214.08	0	3939.63	4251.95	6517.55	0	101858.01	407
2064976	24859.12	23769.79	9714.17	5230.03	0	0	0	0	0	1841.96	14864.62	23742.44	104022.13	172
1989652	20769.64	15848.12	0	9624.15	8387.85	7349.25	5838.1	3927.26	3595.78	3795.38	13477.46	0	92612.99	228
2035356	3003.48	2320.28	1369.41	798.28	49.47	0	0	0	0	377.85	215.47	2345.75	10479.99	31
2024712	19575.33	14009.88	4566.92	2303.41	428.92	0	0	0	0	1606.07	4968.43	16304.87	63763.83	120
2188215	31014.38	23438.55	6299.98	3586.78	0	0	0	0	0	876.68	6633.1	23881.85	95731.32	1833
1553331	65867.87	53325.21	25384.62	16959.73	4529.1	1186.88	1103.2	1346.59	1055.97	7771.04	22889.35	53413.47	254833.03	300
2070242	2951.39	2603.1	1332.87	993.77	370.49	0	0	0	0	511.21	1294.94	2900.77	12958.54	302
2070260	3671.88	2927.64	1764.44	1339.32	506.95	0	0	0	0	461.67	1591.01	3307.35	15570.26	958
2070271	3729.35	3304.48	2108.6	1438.35	463.89	0	0	0	0	643.76	2656.94	3966.43	18311.80	419
2070249	4924.46	4216.43	3266.56	2751.52	1345.14	0	0	0	0	853.34	1837.42	3768.31	22963.18	336
1906628	12775.13	8798.06	2148.32	1757.2	197.67	0	0	0	0	154.98	5382.6	10649.07	41863.03	90
2025139	14592.7	12189.18	8426.47	3700.18	0	0	0	0	2.07	1322.95	8906.63	14493.07	63633.25	408
1987495	11983.1	12302.84	12208.93	10879.92	11635.05	10905.71	6377.51	13100.9	10865.68	10600.33	13147.65	10034.4	134042.02	216
1884508	12435.79	8862.78	3800.31	869.52	0	0	0	0	0	303.72	2129.36	9421.03	37822.51	266
1756663	77840.29	60984.36	29468.53	15226.13	1837.49	0	0	0	0	4336.07	26663.01	61540.78	277896.66	223
1658879	12153.04	10678.51	7033.11	5469	3042.21	1215.15	991.3	906.66	771.41	2114.15	5078.33	10727.78	60180.65	360
2026819	0	0	0	0	17615.93	12884.4	12761	4538.18	16451.78	18321.07	19888.92	21375.69	123836.97	425
1724853	43518.17	40009.29	12843.1	5140.87	1015.57	0	0	0	0	3019.64	11010.84	35830.11	152387.59	144
2024307	14547.5	11962.99	7124.56	4583.05	684.35	0	0	0	0	1217.68	4951.07	12862.08	57933.28	360
2188226	85662.35	69388.1	39658.97	27979.12	8583.59	7977.46	7443.03	7039.41	0	25718.04	52390.4	79937.96	411778.43	825
2188226	85662.35	69388.1	39658.97	27979.12	8583.59	7977.46	7443.03	7039.41	0	25718.04	52390.4	79937.96	411778.43	600
1921578	7957.88	7341.73	3594.65	4111.94	1845.74	1655.39	2024.04	1969.27	2324.61	2631.18	6276.42	6888.96	48601.81	81
2027635	4917.36	4544.86	3635.23	3316.87	4639.12	4805.8	4956.81	4674.56	4444.47	3883.6	3041.92	4451.67	51312.27	500
2157700	60377.8	56817.99	50542.28	47982.25	41602.11	37291.95	34020.28	31999.11	33869.47	42567.88	48231.56	64516.23	549818.91	2847
2012886	4540.51	3803.32	2130.69	1549.53	659.76	0	0	0	0	726.69	2130.72	3769.75	19310.97	75
1594769	0	0	0	0	0	0	65217.24	32536.6	0	0	0	0	97753.84	92
2090400	199684.33	177533.39	157017.65	136139.24	141191.06	129666.12	64316.8	89748.37	112427.07	115853.9	140226.7	208602.99	1672407.62	419
1621317	403270.85	354145.84	287145.37	240548.22	236803.23	197118.42	277659.97	298244.48	413189.09	197860.48	300872	347306.35	3554164.30	92
1987777	9878	8705.45	8764.34	7668.1	7554.72	7799.25	6583.27	6614.19	6636.56	7345.35	7982.62	8574.35	94106.20	43
1987797	12730.76	12135.7	10015.95	8261.64	7981.91	8073.97	7261.26	8358.14	8207.35	8708.03	9709.86	16543.45	117988.02	302
1884577	27704.98	23635.37	11312.34	9842.24	3719.56	0	0	0	0	3341.96	10973.77	21574.69	112104.91	624
2157694	14524.15	12353.18	7985.35	5009.03	1414.47	0	0	0	0	1309.62	5518.68	13097.71	61212.19	325
2027531	19491.04	14868.05	8264.36	7093.11	1659.67	0	0	0	5.18	1922.64	5388.48	14150.54	72843.07	3128
1685273	28475.61	22467.13	13785.13	10861.96	5897.68	2016.82	1718.64	1660.72	1813.94	5530.37	14082.87	25067.07	133377.94	782
2115837	26508.88	21690.59	17786.99	14165.21	11824.06	7412.97	6598.62	7659.64	9363.97	14990.49	20902.25	24712.71	183616.38	782
1906625	10188.58	9666.2	10243.55	7551.15	7341.89	6564.37	6065.57	6664.05	6562.37	6450.93	8779.65	9966.44	96024.75	30
1724008	41723.31	35455.47	30123.77	25512.34	21169.11	17638.37	16920.48	14777.19	13252.95	20904.67	27462.96	34762.29	299702.91	522
2027477	4000.39	3861.56	3565.58	3598.26	3404.75	2281.55	1752.42	2806.57	2003.57	3519.21	3576.33	2569.49	36937.68	162
2036147	8485.96	6853.29	3078.65	1900.07	1030.38	0	0	0	91.29	790.59	2489.4	4911.92	29631.55	312
2024704	12157.97	9753.64	3206.59	2520.97	1024.96	0	9.37	0	2.07	1788.18	4067.55	10715.94	45247.24	313
2157692	76887.51	67407.04	34239.98											

**PHILADELPHIA GAS WORKS
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MTR_NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL_CCF	Max Daily Qnty (Dth)
2115543	5605.83	4601.09	2411.12	1596.52	421.21	0	0	0	0	804.12	2716.36	4888.85	23045.10	64
2157683	42578.51	40228.55	41931.07	38115.23	37524.39	32687.83	30813.77	33394.18	33352.35	34041.44	35229.71	43931.97	443829.00	550
2026758	15968.74	12162.34	7707.2	5109.03	2301.82	395.02	0	0	0	2211.61	5914.98	12515.53	64286.27	250
1806092	34112.78	40293.04	39854.35	35181.6	41272.81	41455.26	42001.95	35818.35	38069.45	30254.95	32960.09	34451.24	445725.87	384
2094623	0	174623.85	90405.78	89855.83	84392.32	86853.97	83862.67	73837.93	79726.53	73542.23	77874.02	77080.16	992055.29	1046
1987500	55214.87	38407.04	21944.29	11789.22	0	0	0	0	0	6568.29	12915.81	49357.79	196197.31	479
2027401	10249.52	8203.76	6715.51	7176.75	6476.96	6323.02	3388.06	6319.05	6552.34	5872.83	6886.72	8375.38	82539.90	305
2027402	12228.33	9699.01	7992.26	8652.65	7803.18	7752.43	3954.01	7747.98	8042.53	7050.39	8271.72	10021.82	99214.31	707
1658880	0	0	20019.29	17293.24	17136.7	15777.18	13927.44	16538.68	16323.46	18005.81	18325.98	19591.61	172939.39	272
2157688	13024.64	25753.4	22776.53	19464.29	18905.91	13491.38	21551.75	15366.2	15609.23	2411.82	0	0	168355.15	750
2157696	54318.11	48898.56	31558.37	22712.23	14565.94	7988.19	8588.7	9464.01	9045.43	17263	20778.92	16604.82	261786.28	450
1724001	19954.89	18194.79	11062.09	5680.15	738.87	0	0	0	0	1002.87	8698.65	13315.11	78647.42	173
1658881	27365.98	22508.1	14683.21	10947.02	2408.23	0	0	0	0	0	0	0	77912.54	403
1989625	5324.97	4882.75	1486.39	1006.1	0	0	0	0	0	11.49	88.76	1041.13	13841.59	454
2035891	8277.49	8347.98	11131.27	9363.46	3798.22	2338.4	1749.84	2052.47	2024.14	4028.04	6704.35	7983.77	67799.43	591
2036188	26918.38	20677.8	14337.35	13551.01	10197.29	11406.12	12673.64	12742.44	12658.53	13632.67	13272.62	24476.24	186544.09	1300
1921579	5089.16	3127.59	1854.76	1587.25	1595.44	1487.62	1124.22	1057.29	1763.89	2666.95	2715.88	3610.74	27680.79	843
1909351	7551.02	6341.37	3809.27	2294.07	775.1	0	0	0	0	1610.59	3445.51	6621.36	32448.29	504
2198755	14372.88	12124.95	7192.48	4696.66	1359.98	0	0	0	153.08	3578.38	10555.44	16234.49	70268.34	400
2024690	57058.92	48879.92	38501.61	36356.9	27665.88	9190.91	6663.14	5607.39	13214.68	9063.54	16146.62	32376.5	300726.01	300
2198741	0	0	0	0	0	0	0	73258.32	55512.16	73032.16	70349.6	71620.97	343773.21	300
2024715	32795.86	23141.96	10137.32	4173.82	0	0	0	0	0	2011.87	11593.26	24821.03	108675.12	503
2035967	5198.25	5243.46	6266.81	5986.3	6579.68	6173.34	6445.93	6621.58	6606.91	7083.7	6821.31	7290.72	76317.99	685
2024851	19185.38	17531.75	12081.52	8713.86	2495.68	0	0	0	17.62	3647.98	8245.61	16120.49	88039.89	244
2025158	22943.55	15922.29	4447.39	2307.52	0	0	775.93	1.1	1.09	0	7924.08	9652.69	63975.64	626
2171231	70244.01	59553.67	47851.08	41417.87	37936.84	30749.12	29221.77	33145.43	29908.25	41200.4	52081.24	71547.44	544857.12	860
1724011	13093.96	9343.46	2246.37	1139.63	31.48	0	0	0	134.84	1141.08	2418.47	10305.83	39855.12	907
2023840	5931.9	5440.01	4086.94	3048.02	1747.69	891.15	823.29	807.66	853.67	1955.97	3759.58	6023.73	35369.61	934
1658873	5276.77	0	0	0	0	0	0	0	0	1108.75	4270.19	11610.66	22266.37	1400
2036167	16859.75	14269.92	9113.3	5560.09	1632.67	0	1.04	0	0	3622.68	9368.22	15513.53	75941.20	4372
1806077	73406.81	65989.73	57748.41	26735.96	3133.36	2596.92	2296.25	1564.01	2083.51	28949.27	49996.71	67145.52	381646.46	277
2025150	8374.78	6594.71	3887.58	2727.26	436.81	0	0	0	0	1883.44	5798.72	7608.26	37311.56	178
2123510	9420.81	5305.64	3754.66	2123.86	398.02	14.52	0	0	0	1209.39	4315.19	7999.54	34541.63	90
2116171	44947.22	35397.62	25061.56	18195.99	10142.36	0	0	0	0	9865.19	22274.07	34612.96	200496.97	1252
2116174	81028.97	64082.32	47006.39	33718.25	19232.85	0	0	0	0	18767.8	41567.02	62122.02	367525.62	1252
2157697	61665.77	55892.07	51768.81	31222.13	28166.55	10367.12	9715.6	9161.63	9816.58	34074.89	39233.74	52626.64	393711.53	550
1989428	76556.26	62855.04	48274.38	40013.94	29700.28	18803.58	11036.76	11692.27	12740.24	33204.62	42047.97	60430.78	447356.12	302
2035975	11680.6	11875.39	10896.25	9963.42	10016.86	8430.48	6872.2	7215.11	6976.25	8868.52	9478.92	11886.09	114160.09	554
1826616	7007.15	6065.52	4120.88	3243.53	1881.76	0	0	0	0	2085.92	3695.14	6738.29	34838.19	703
2123526	21935.77	15818.86	7583.87	3479.62	0	0	0	0	0	721.19	6733.31	21597.39	77870.01	305
2027599	4678.44	4559.94	3439.83	2972.54	2314.01	1747.48	1705.63	1788.87	1911.68	2564.97	3056.89	4717.79	35458.07	123
1723898	49622.81	35473.55	15577.6	7845.84	0	0	0	0	0	6802.82	20312.43	42546.29	178181.34	424
2171221	29451.16	24752.89	22963.97	21856.12	20048.91	19349.21	17777.29	17744.29	18490.03	21407.86	23706.34	26807.73	264355.80	400
2132738	67086.76	55637.81	48663.65	47776.59	79765.47	66301.98	77054.78	86100.42	87132.42	101119.13	112072.58	131306.92	960018.51	424
2123509	27225.67	19488.1	5503.71	2280.55	1.1	1.1	0	1.1	1.09	186.17	4062.27	16296.77	75047.63	430
2188219	57887.34	49746.72	38227.86	36530.67	22441.07	17430.85	16739.22	16082.36	16236.64	25816.72	42540.94	53883.54	393563.93	324
1987785	6721.57	6280.05	5224.76	3218.67	1146.1	970.08	879.52	844.12	952.35	2300.55	5285.7	6200.86	40024.33	120
1884513	8815.86	7599.55	5750.39	4620.05	4470.18	3973.4	4611.64	4546.38	3436.92	4175.27	6627.01	9062.67	67689.32	241
1884573	30465.35	22731.16	10238.11	6068.67	1373.46	0	0	0	0	2516.13	8753.8	23996.48	106143.16	698
1611640	12026.84	8226.42	2314.75	1401.35	0	0	0	0	0	0	1544.83	8490.11	34004.30	240
2116154	11442.87	11352.51	8412.05	7030.96	9049.38	9772.94	4744.91	8639.76	6114.15	7251.73	6873.6	9138.48	99823.34	141
1921703	30204.29	25034.32	17329.68	13164.26	3420.38	0	0	0	0	6352.95	20226.62	38798.11	154530.61	400
2123295	6187.04	5567.11	5587.89	3330.97	4215.78	2079.86	3279.63	4894.75	4776.02	4352.84	6452.95	6580.77	57305.61	430
2171230	39471.45	30631.15	12446.21	5441.87	0	0	0	0	0	1888.67	11465.63	33540.13	134885.11	340
1724240	11040.17	10327.23	2653.57	2103.28	0	0	0	0	0	1209.07	4249.27	10264.85	41847.44	703
1514012	15546.85	12177.08	4249.59	2425.65	1345.47	0	0	0	0	1412.32	4480.7	10398.95	52036.61	264
2188213	9111.03	6775.53	3167.84	2141.53	326.91	0	0	0	0	1088.28	2770.66	5740.06	31121.84	418
2023947	9095.98	8116.52	5992.3	5273.97	4169.77	3256.92	3366.34	4203.14	3954.8	4063.34	6924.58	9032.12	67449.78	418
2133386	1856.61	1551.95	778.29	524.44	26.39	0	0	0	0	166.85	821.23	1249.81	6975.57	495
1987808	21.29	73.2	62.35	249.78	0	0	2291.22	8890.55	10637.07	2340.33	0	0	24565.79	370
1724003	10291.08	25846.65	16474.73	11795.26	7588.68	3542.11	3704.95	2491.47	4157.56	9325.95	14514.12	25968.92	135701.48	305
2171219	107978.92	90175.87	59035.05	45088.85	27546.79	14334.81	7727.75	104.1	104.6	27418.82	57204.77	88934.36	525654.69	449
1621318	28244.73	20474	6163.13	4178.15	0	0	10.4	0	0	2612.02	8036.45	26585.65	96304.53	550
1909301	1088834.83	1047529.15	1036097.84	669688.59	965296.56	649741.53	879086.306	1038992.6	985510.427	827273.835	855213.012	1007089.9	11050354.59	0
2027485	41323.2	33519.55	21883.61	13727.94	4511.04	3535.66	3207.34	1626.44	3043.72	11511.41	23350.64	37941.55	199182.10	1461
2023712	3723.2	3047.99	1310.95	1244.21	25.33	0	0	0	0	314.6	722.14	1973.6	12362.02	1461
2025166	5745.71	4011.56	877.84	530.81	0	0	0	0	6.24	279.17	1259.08	4167.8	16878.21	192
1987812	15230.76	11294.95	5818.69	3815.08	1070.13	0	0	0	0	2114.89	5498.8	11750.49	56593.79	1046
2115067	6542.98	5973.42	5095.91	3614.8	0	0	0	0	0	1749.6	3604.24	4627.73	31208.68	316
1826506	6219.23	6394.46	4825.7	4403.32	3940.84	4583.98	3983.12	3555.44	2718.71	4247.9	4275.25	6833.51	55981.46	302
2116016	3452.94	2922.33	1483.99	1089.31	411.54	0	0	0	0	463.87				

**PHILADELPHIA GAS WORKS
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MTR_NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL_CCF	Max Daily Qty (Dth)
1884510	26875.89	23108.94	15120.63	10521.32	7051.44	5456.41	4191.97	4086.83	4443.66	8245.53	12813.32	22466.76	144382.70	34
1826674	15803.38	14486.72	13280.4	9974.26	10450.56	10326.67	9362.3	9384.22	8182.01	8754.43	10126.52	12779.01	132910.48	114
2023831	3232.02	3314.82	3222.84	2986.13	2961.29	2540.88	2367.69	2227.23	2241.57	2753.37	2954.67	3374.34	34176.85	89
2025178	16984.1	14712.74	9520.62	5716.29	3583.33	1652.54	3231.26	5842.85	5524.06	8288.26	11082.57	15350.26	101488.88	149
1582087	20814.41	16089.29	9700.25	3988.82	10.87	0	0	0	0	1392.96	7067.39	18978.48	78042.47	676
1685278	44546	34434.19	18521.91	12560.42	4814.31	2607.04	2351.22	2493.29	2203.23	8638.94	16679.84	35009.03	184859.42	133
1658878	48322.32	34292.27	0	0	0	0	0	0	0	0	0	0	82614.59	1222
2198744	0	0	0	0	0	0	0	0	0	98704.4	80501.99	92546.42	271752.81	644
2198748	191601.89	209915.1	183083.02	135921.51	174805.39	159818.34	138793.17	158670.73	404975.58	103429.03	105141.59	121456.05	2087611.40	644
2115595	6635.91	7752.91	3310.57	2.35	1859.78	6644.75	10148.27	10287.07	6904.21	426.47	1.18	17882.96	71856.43	301
1406184	10227.58	8053.73	2863.07	1661.4	0	0	0	0	0	909.97	3731.06	8857.59	36304.40	144
1724851	78136.48	72378.44	63708.89	61026.64	51983.9	37189.24	34857.64	27623.99	39288.39	42142.63	56471.86	75478.9	640287.00	1461
1724852	92309.58	85002.58	75823.48	72919.38	61918.21	44564.57	41222.8	32523.28	46688.35	50404.66	67617.96	89510.69	760505.54	228
2023960	18847.65	17349.83	17887.49	18576.48	17479.92	17384.79	16764.99	17304.34	11714.5	9939.76	14218.01	12743.42	190211.18	1151
1722879	14249.19	13087.82	9510.13	7453.08	2951.55	1802.42	1181.48	1156.46	1676.72	3735.72	9296.1	14299.26	80399.93	302
1884404	2298.76	2168.4	1648.59	1310.36	350.07	38.36	235.75	231.25	242.71	872.57	1641.72	2196.09	13234.63	1500
2188099	2280.29	2144.63	1499.54	1269.05	388.7	318.77	297.27	284.38	280.2	837.57	1720.75	2301.6	13622.75	89
2188130	2212.18	2099.09	1999.79	1612.43	507.94	376.97	347.31	375.06	431.25	1267.3	1932.29	2281.4	15443.01	89
2211303	2699.46	2321.08	2012.53	1243.53	568.85	422.65	330.65	318.77	337.52	1178.66	1935.59	2934.87	16040.16	130
2123504	34183.12	23204.94	11432.46	6953.01	1474.87	0	1.38	1.38	1.39	5273.27	19673.44	30259.8	132459.06	276
2024604	5864.79	5637.43	6249.33	6388.87	8202.05	8349.44	7301.91	8625.41	8737.44	8167.91	5334.29	4662.57	83521.44	110
1906623	9354.18	7806.25	5566.54	4953.04	2100.85	848.68	916.14	869.12	940.89	5839.15	6360.3	8356.12	53911.26	89
1546144	5828.62	5274.98	2478.35	983.19	147.88	0	0	0	0	355.71	1500.63	4548.45	21117.81	285
2115841	52905.45	54980.02	49219.18	43237.45	37451.88	40884.42	40909.02	38055.19	38938.07	45272.77	48628.74	45785.81	536268.00	183
2115844	64321.55	66103.3	60319.86	53631.94	48635.48	51818.86	52215.2	49928.5	49725.95	56391.76	59858.15	57530.39	670480.94	240
2123527	16633.44	13332.85	7490.61	5228.21	1601.87	0	0	0	0	229.83	1310.22	9884.56	55711.59	831
1553331	65867.87	53325.21	25384.62	16959.73	4529.1	1186.88	1103.2	1346.59	1055.97	7771.04	22889.35	53413.47	254833.03	225
1723998	65908.58	57551.39	45587.56	40076.58	32750.53	18729.1	13430.25	12976.8	15348.21	25862.16	43889.13	56389.71	428500.00	907
2027560	6251.23	6324.67	4120.62	4079.49	2752.04	1729.6	1492.69	1620.71	1910.25	2868.48	4227.57	7547.17	44924.52	432
2024645	13300.4	12617.37	0	0	0	0	0	24557.37	985.48	3886.3	9838.24	14729.21	7919.37	313
2025149	7506.86	7165.62	4658.94	9624.63	10005.99	10194.11	2421.99	2288.01	7044	11573.13	6206.43	5757.65	84447.36	13.7
2116156	15874.34	13596.3	7654.5	6469.65	3487.01	2294.89	2222.69	2428.44	2816.63	7392.17	14151.11	21666.79	100054.52	76
2132737	63030.42	51094.13	31749.22	27205.28	17692.19	13538.2	12833.46	12817.09	19384.26	24290.27	36590.21	51200.26	361424.99	800
2036151	10280.5	8966.83	6659.53	4537.04	1869.18	0	0	0	0	2197.27	5406.79	9131.95	49049.09	202
2064880	3083.31	2597.81	2582.79	2549.66	2782.9	3288.05	2787.22	2941.56	2448.82	1741.37	1775.07	1992.79	30571.35	115
2023958	24500.06	22112.72	13014.48	7408.67	282.09	0	0	0	0	1401.48	4188.45	8972.24	81880.19	397
2024684	8447.79	7126.47	2596.89	1508.7	552.41	0	0	0	3.11	1183.61	3572.96	7325.9	32317.84	281
2116148	11602.71	9983.51	6574.71	4655.51	2262.62	903.59	897.26	927.54	948.07	1964.55	5466.75	10608.82	56795.64	500
2064974	29585.93	0	22283.91	8396.38	5257.46	0	0	0	0	2052.36	7816.14	24384.68	99776.86	456
2171222	19676.63	17001.18	5701.62	2840.75	832.51	0	0	0	0	1457.75	3114.62	8780.62	59405.68	300
1420497	128280.6	120774.87	100235.89	105177.57	98970.11	90398.71	77670.34	87777.89	73603.4	84279.29	70494.6	82851.14	1120514.41	2847
2012880	8089.63	7121.38	5161.72	4499.89	2966.96	1154.99	1014.16	1032.79	1108.83	2685.58	4587.1	7873.6	47296.83	396
1724854	95275.86	89330.5	85204.13	80316.95	58433.3	37398.53	35692.83	38566.32	38141.89	52396.55	71055.92	74225.99	756038.77	240
2188214	29198.02	21867.86	15773.95	13319.78	10230.26	1938.43	992.88	1946.26	2955.3	10066.88	14727.99	2384.24	146858.85	272
2171232	43925.64	43881.63	19672.45	8259.55	3041.5	0	0	0	0	4299.13	18244.78	34155.21	175479.89	400
2116159	27229.89	20232.54	8726.41	3602.38	2379.69	0	0	0	0	3740.11	2499.83	3003.64	71764.49	170
2116158	49438.81	41664.26	21324.05	7597.05	6326.34	0	0	0	10.36	6975.88	26498.54	49417.01	209252.30	2169
2133065	9131.57	7023.15	3960.32	1985.81	362.22	0	0	0	0	1129.47	3290.88	6155.72	33039.14	269
2116152	10835.36	8089.02	2672.93	1494.47	464.58	0	0	0	0	973.75	2971.57	8843.02	36344.70	245
2157693	9385.82	6880.85	2704.85	1557.1	200.46	0	0	0	10.37	335.49	2075.16	6509.48	29659.58	300
2123523	8454.91	6701.08	4354.83	2967.42	757.85	0	0	0	0	931.36	3190.47	8281.89	35639.81	375
2027510	7952.1	7922.52	6933.68	6409.06	6821.14	7067.51	7284.11	7643.01	8119.33	8907.62	8691.25	7515.57	91266.88	215
1954681	60915.24	48602.03	37720.97	35800.33	28322.17	30747.73	24105.16	23035.27	20844.09	25828.43	37836.28	55406	429163.70	127
2027454	8754.99	6980.19	5131.67	2312.99	0	0	0	0	0	832.94	5138.76	7217.92	36369.46	127
2035408	2964.88	2422.85	1156.28	633.12	0	0	0	0	0	250.85	1309.95	2748.93	11486.84	127
1685269	24518.65	25848.51	28703.55	23776.43	26278.85	25260.51	21244.42	23919.61	21921.01	24191.34	25141.64	28876.41	299680.93	216
2116004	6867.83	5182.8	2865.26	1667.22	0	0	0	0	0	1445.44	2066.25	4591.96	24686.76	103
2123495	15089.81	12836.4	9549.08	7614.46	6091.28	2219.21	2218.3	2228.63	3285.28	6067.92	8197.97	11916.02	87314.36	120
1987815	70247.26	61570.03	46015.46	38280.55	27737.32	5429.22	1674.31	6281.08	13398.22	32082.92	50648.53	68988.33	422353.23	131
1724010	22152.57	25061.57	25430.75	21469.14	23278.44	21752.8	21867.17	21587.71	22872.58	23338.1	21225.99	23517.47	273554.29	76
1826561	9568.22	7783.58	5221.21	4051.06	2138.86	891.09	830.55	796.15	853.37	2300.24	5766.56	9206.85	49407.74	132
2035839	6275.75	5559.48	3632	2948.62	2378.75	1612.95	1730.53	1617.19	1954.54	1858.73	3326.51	5574.9	38369.95	112
1756664	29869.52	24860.57	14573.1	9450.47	2307.25	0	0	0	0	3221.73	16172.67	30091.15	130546.46	346
1921700	43906.97	42437.56	20459.44	9843.54	2787.71	11.09	55.63	1291.06	0	6733.94	18436.2	40604.84	186367.78	549
2025107	9938.57	8465.44	3384.1	1640.04	0	0	0	0	0	0	2558.44	8446.38	34432.97	576
2116161	196831.4	185740.76	134149.91	69235.63	0	0	0	208.49	0	2729.55	106554.34	192971.28	888421.36	518
2157680	63438.51	56218.82	49497.42	44554.67	41294.66	36999.67	36050.75	35728.91	37121.4	50703.36	50774.95	61846.07	584229.19	267
2036180	46405.45	44685.93	42966.22	34896.33	31527.5	26226.91	24106.55	22107	21779.82	24995.56	30072.32	39474.1	389243.69	1362
1884579	8250.58	7197.75	5025.01	2173.75	0	10.4	0	0	0	2102.44	4532.82	6495.23	35787.98	174
1685272	51483.26	46277.27	28878.69	21091.87	8455.05									

**PHILADELPHIA GAS WORKS
JANUARY 2016 - DECEMBER 2016**

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MTR_NBR													TOTAL_CCF	Max Daily Qty (Dth)
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
2064920	0	0	0	0	0	2501.86	2603.63	3213.41	3472.07	4353.57	7081.73	19184.63	42410.90	375
2123514	25338.85	21280.14	7939.36	2859.29	1102.6	979.18	663.92	165.66	71.1	451.13	6416.73	11652.94	78920.90	291
2012845	0	0	0	0	5543.4	4824.03	4479.52	4225.58	4568.37	6183.69	6792.86	7222.08	43839.53	400
2123515	27845.98	23286.96	9230.23	5542.53	345.78	0	11.84	11.84	35.41	2462.38	9040.63	21672.5	99486.08	211
2123516	30164.72	26252.26	13712.17	11690.09	7362.45	2867.04	2598.42	2522.22	2719.95	5305.42	11871.16	21182	138247.90	260
1685280	56650.51	44953.08	44963.52	52866.37	71994.42	54560.77	50658.43	52209.82	36425.18	53171.66	46134.87	59251.11	623839.74	625
2026766	17715.2	14373.49	7341.53	0	0	5103.11	0	0	0	1932.77	9098.15	14281.9	69846.15	272
2027581	17133.47	13748.21	7315.75	4858.86	635.52	0	0	0	6.22	3937.31	8513.01	13993.47	70141.82	354
1553327	37044.44	27940.93	22538.18	18244.98	10268.12	0	0	0	0	10137.19	20590.59	32561.57	179326.00	152
2133053	0	0	0	0	0	0	0	0	0	0	0	0	0.00	257
2133091	90561.33	89558.55	99250.43	89678.42	92099.7	95077	88288.18	89737.23	82706.28	89231.22	95859.8	96863.6	1098911.74	278
2027509	27998.97	23982.68	19720.06	17475.56	10443.74	7945.5	7434.82	7242.69	7268.09	8849.85	14597.13	22476.77	175435.86	450
2064979	18984.46	19282.59	10909.75	11324.05	15542.04	13214.91	5033.03	12979.4	15208.13	9088.3	3896.68	14165.44	149628.78	235
1658884	73310.54	67447.19	45379.03	38195.6	21639.47	6645.53	10206.9	17933.65	13736.73	27430.46	35924	53974.99	411824.09	240
1553324	36044.69	31858.21	17006.61	11609.57	1920.18	0	0	0	0	4959.54	20963.53	33479.33	157841.66	167
1724219	30.52	0	0	0	0	0	0	0	0	0	0	0	30.52	251
1601878	51453.31	33814.14	8493.36	0	0	0	0	0	0	0	0	0	93760.81	429
2188218	21357.7	18117.72	3847	2543.86	316.07	0	0	0	0	1338.92	8613.57	14683.12	70817.96	100
1987803	56059.1	45657.73	35367.04	35626.15	43770.79	63444.14	85497.14	99988.09	85323.42	57811.69	51630.87	52387.69	712563.85	296
2024719	8928.62	7415.53	4634.44	3447.57	1608.8	1230.8	1171.54	1517.25	1454.91	1312.79	3054.48	7971.41	43748.14	573
1989421	20620.08	20128.8	0	15450.73	2.2	0	0	0	0	1121.82	6556.12	17830.44	81710.19	400
1621319	39072.19	31180.46	25890.96	19137.33	12781.68	8265.19	9117.47	8894.25	8213.95	12724.66	19422.42	33647.99	228348.55	65
2027392	10993.68	11801.37	9588.74	7809.68	6326.66	6024.04	4926.19	5478.34	5347.02	6954.67	9045.28	11175.15	95470.82	400
2023955	89181.17	76171.03	53071.68	32658.06	14108.3	8484.64	6556.47	1521.06	1618.68	20876.71	46410.18	85476.96	436134.94	149
2171233	36381.33	30503.65	17879.43	13679.38	5764.03	2700.93	2923.51	2814.29	2916.78	9416.02	18764.72	32789.54	175333.61	650
2027498	25013.62	27593.32	32655.4	27616.19	29579.14	30358.28	27289.39	29124.45	24845.37	21605.38	24501.21	27076.02	327257.77	90
2035986	5693.56	5127	3686.76	3158.35	2544.32	2187.42	2433.17	2372.45	2164.08	2521.61	2649.24	3491.5	38029.46	599
2036046	3782.71	3647.07	1574.41	413.67	0	0	0	0	3.1	0	2633.55	3035.18	15089.69	120
2116023	0	0	0	0	0	0	0	0	1578.21	2166.41	1431.61	2359.58	7535.81	201
2123512	3876.52	3382.38	2184.34	1773.53	0	0	0	0	406.69	4654.06	10742.64	15880.52	42900.68	201
2025156	7441.85	6546.35	3136.91	2032.54	778.45	0	0	0	43.56	2372.47	4706.73	7416.39	34475.25	139
2188222	41618.08	36850.73	27694.2	18024.6	8269.83	5640.45	4320.71	3877.25	4823.57	13392.48	26689.99	41253.67	232455.56	599
1954684	75074.21	63658.57	33047.07	25169.22	4923.84	0	0	0	0	13741.46	32403.67	66744.99	314763.03	296
1514011	146274.97	126391.28	85429.28	86831.51	54435.76	0	0	0	0	25386.37	69266.67	124112.27	718128.11	254
2036186	123999.53	104332.66	71660.58	50073.94	18423.05	0	0	0	0	28895.51	59300.82	98013.73	554699.82	141
1806080	11569.3	9835.55	7322.56	7002.82	4799.65	3947.42	3756.07	1636.88	238.46	8135.27	8917.77	10805.93	77967.68	120
2115831	31866.06	28171.62	14923.11	1076.9	0	83.47	6889.71	502.59	13.88	0	10609.45	39308.81	133445.60	330
2036191	35543.99	48315.08	69608.64	59270.49	36285.2	36816.73	49073.5	46056.11	42637.43	32388.52	12995.61	34885.79	503877.99	120
2036194	376912.05	381084.96	366974.47	320362.86	290947.21	211122.1	255493.83	283024.52	276266.11	289389.35	294943.82	316228.52	3662749.80	89
2012857	2986.14	2653.26	2070.95	1389.69	240.67	115.19	246.14	205.18	334.29	818.91	2000.2	3242.08	16302.70	72
2012851	4140.52	3980.76	2610.25	2161.11	1366.45	498.35	197.12	298.99	472.75	1662.66	2402.48	3587.5	23378.94	90
2012853	3789.02	3657.01	2781.22	2465.32	1526.01	122.44	127.16	222.88	442.53	2043.54	2658.16	3759.37	23594.66	72
2027476	9565.94	8127.59	8259.17	7673.78	6276.23	4873.83	4931.1	6279.9	6273.71	7761.87	8056.92	9200.62	87280.46	82
2025082	2425.32	1917.05	1301.68	1210.32	839.7	74.7	0	0	112	1021.73	1463.61	2401.47	12767.58	75
2025003	6099.85	5079.21	3789.04	3549.08	2916.46	2607.21	1855.2	2146.02	2611.96	3133.79	3663.12	5484.47	42935.41	54
1987801	32543.18	26992.59	18346.49	12992.73	6986.91	7475.51	24120.15	21432.43	7913.44	10057.15	16149.25	27870.02	212879.85	75
2027524	35368.66	28963.74	20010.26	14431.61	8081.87	8831.15	26565.3	23642.72	8877.9	11195.61	17804.95	30127.31	233901.08	207
2198739	8718.23	7021.81	2936.25	1641.2	0	1.04	1.04	0	3.12	649.68	3226.9	8088.05	32287.32	189
2024703	24482.7	13378.05	6673.24	4442.92	2343.41	85.09	0	0	0	2886.4	8513.88	17009.18	79814.87	50
2123490	6941.25	5594.18	2510.84	1330.09	2009.69	4045.58	9090.01	4804.82	5471.33	630.3	2008.54	4973.1	49409.73	50
1526435	95290.2	8541.29	59865.67	61546.72	53735.74	43421.77	36211.86	37628.37	44390	61092.57	71242.27	89241.63	739208.09	600
2116157	46922.82	41133.13	33790.67	32091.19	31452.99	21856.79	20933.28	20147.36	21780.07	29085.61	37650.89	47385.17	384229.97	86
1658874	45734.42	43060.34	45856.34	41278.24	43341.36	36512.28	20826.64	31865.05	33733.69	39115.02	42173.7	34924.07	458421.15	402
2123517	24216.72	21582.31	13409.78	10404.17	5658.34	3282.55	3277.01	3366.55	3773.02	7603.71	13211.78	22671.35	132457.29	430
2026874	4323.01	3461.87	2190.43	1758.43	753.33	0	0	0	0	536.47	1788.94	3421.83	18234.31	703
1954683	29410.29	49282.51	41767.75	27698.68	21705.56	18079.5	16622.15	17530.78	16885.51	41038.05	29277.79	43476.03	352774.60	200
1685268	9472.21	7379.14	3184.02	2151.92	105.59	0	0	0	31.1	334.56	1886.69	5520.12	30065.35	144
2027381	5019.11	4614.02	3036.37	2403.42	1405.71	1012.57	848.97	1018.13	869.16	1032.06	2539.08	4712.85	28511.45	513
2027430	5036.96	4603.56	3032.31	2394.01	1414.08	1001.13	855.44	1018.11	875.29	1031.04	2541.18	4868.88	28671.99	232
2027642	21369.97	16160.46	7442.31	4418.94	0	0	0	1.17	0	1393.44	5948.29	17379.58	74114.16	392
2115832	24804.98	20916.61	12333.37	12033.67	8682.92	5744.57	5353.59	5075.75	6075.7	9610.74	14349.75	25031.09	150012.74	375
2115589	9980.32	9118.52	6088.31	4103.46	2108.52	1649.52	1506.25	1472.65	1524.62	2539.05	4650.64	8310.45	53052.31	168
2115588	11100.22	10228.19	6586.19	4405.92	2179.86	1761.64	1704.29	1664.45	1750.81	2799.3	5238.88	9171.73	58591.48	100
2023812	15532.51	13253.61	8164.6	6388.12	4397.84	2194.76	1986.72	1914.25	2060.75	4859.43	6767.63	13128.32	80648.54	235
1402992	48547.06	39860.34	25431.15	19146.49	9193.32	2399.56	2264.45	2167.84	2313.68	11276.29	23330.27	41663.27	227593.72	500
2023952	41985.33	36173.66	23334.83	16758.82	8559.62	4924	4330.84	4002.29	4220.73	15155.92	20401.96	36707.45	221555.45	140
1771898	7964.4	13182.1	0	68701.67	105389.35	59813.12	54691.16	100057.71	105733.34	100061.23	72951.48	39117.25	727662.81	648
1722906	18528.24	17824.24	10151.46	5000.15	4953.18	0	1.17	0	0	4153.42	13371.99	19758.79	93742.64	222
2036145	21142.91	18636.31	10738.88	8148.78	5168.8	2438.96	2357.49	2455.54	2523.49	4479	7469.58	19223.48	107833.22	24.6
2027591	4071.82	4055.48	2773.49	18										

**PHILADELPHIA GAS WORKS
JANUARY 2016 - DECEMBER 2016**

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MTR_NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL_CCF	Max Daily Qty (Dth)
2024389	4368.59	3581.96	1006.84	723.1	0	0	0	0	0	690.58	1904.23	3514.98	15790.28	90
1906630	5531.19	4368.53	1454.13	613.4	0	0	0	0	0	427.16	1599.55	4925.09	18919.05	43
2115141	6760.61	5791.15	2002.67	1725.34	303.22	0	0	0	21.77	808.22	2306.51	4544.03	24263.52	26
2024367	7657.08	6232.15	4239.01	1462.8	0	0	0	0	3.22	254.94	1530.62	4276.47	25656.29	26
2024706	8014.77	6962.64	3609.52	2147.44	207.08	0	0	0	1.03	332.6	2154.66	6891.35	30321.09	156
2116149	7283.09	8555.65	3782.26	2029.28	0	0	0	0	0	586.27	2218.89	5875.89	30331.33	341
2115842	8531.84	7209.17	3001.99	1796.37	452.02	0	0	0	3.12	687.65	2550.07	6806.58	31038.81	748
2115136	9941.46	7485.87	2974	1652.17	301.19	0	0	0	1.07	208.49	3102.78	6166.35	31833.38	72
2115833	7982.97	6959.94	3109.43	2228.16	434.04	0	0	0	46.65	644.66	2805.99	8096.29	32308.13	690
2027484	6219.18	5004.93	2022.1	1242.41	170.09	0	0	1.04	0	741.57	3471.45	14689.14	33561.91	98
1987786	10413.85	8245.94	4710.12	2292.32	208.05	0	0	0	0	54.57	2329.75	7667.75	35922.35	48
2123489	9498	6767.04	3959.91	2623.67	403.93	2.14	1.07	1.07	4.28	874.33	3629.18	10165.01	37929.63	190
2123520	11622.62	9274.92	3845.58	935.56	0	0	0	0	10.96	770.5	2651.2	10488.33	39299.67	250
1553328	9989.06	8818.33	4418.83	1988.93	633.58	0	0	0	42.88	1275.79	6710.63	6148.87	40026.90	27.4
1526470	11976.73	10190.31	4573.24	2366.19	682.66	0	0	0	0	955.95	2889.52	8518.74	42153.34	186
2115143	11837.17	8548.11	3394.02	2843.96	534.1	0	0	0	7.33	1820.02	4508.04	10194.49	43687.24	750
2157690	13027.3	7055.04	4306.15	3799.35	1942.25	0	0	0	21.44	863.58	3481.26	11544.49	46040.86	90
2123521	13784.16	11646.68	3394.98	2021.86	0	10.73	0	0	0	1666.08	3310.71	11361.93	47197.13	380
2027483	11486.13	0	14902.27	3238.11	1.08	0	0	0	1.07	2200.51	5655.02	11104.42	48588.61	95
1987496	22985.83	13446.98	2735.41	0	0	0	0	0	0	1380.37	4499.79	13210.5	58258.88	50
2036193	19061.66	13364.38	5541.72	2823.1	0	0	0	0	0	1569.72	5004.83	14988.27	62353.68	126
2027464	17572.43	15672.38	6898.4	3527.99	864.69	0	1.04	0	309.09	1786.09	5756.67	14332.38	66721.16	424
2036185	20025.34	15445.36	7730.91	3805.9	567.09	0	0	0	51.87	2878.24	4545.48	13206.51	68256.70	72
2036189	21350.03	20643.42	10565.88	4509.47	1642.03	0	0	10.95	0	1828.42	4683.27	16515.15	81748.62	168
2116151	20390.4	16375.31	8082.45	6544.48	3773.97	0	0	0	0	3245.8	9711.16	16883.12	85006.69	455
2123513	22182.55	21003.84	8738.59	6369.63	2466.36	0	0	41.65	0	1861.87	14759.83	10173.14	87597.46	380
1658876	24036.27	23531.71	14356.81	8280.08	0	0	0	0	0	1604.42	7143.21	28457.78	107410.28	54
1414492	31978.68	23481.54	10758.12	6589.58	1263.84	0	0	0	0	2931.07	10523.08	25589.17	113115.08	154
2036195	33462.03	32624.69	13677.31	12235.06	3582.01	0	0	0	0	5348.48	10837.1	33018.1	144784.78	120
2064980	70659.9	59085.64	27879.2	18194.02	6177.77	0	0	0	0	10058.28	22919.22	64897.62	279871.65	223
1987810	8805.88	9607.22	3817.7	2070.22	0	0	0	0	0	620.72	4335.36	9661.21	38918.31	2087
2025031	13651	11159.95	5808.49	2557.46	1.06	1.06	5.36	7.49	69.77	3971.09	10264.25	14400.32	61897.30	90
2027520	18792.54	15622.23	7552.61	3534.94	0	0	0	0	0	2250.33	6752.8	14814.44	69319.89	149
1658875	28857.86	28868.62	14915.85	2355.63	0	0	0	0	0	2808.62	16392.02	28144.66	122343.26	400
1724856	38707.21	27759.11	9113.14	4286.2	0	103.9	0	0	0	2518.74	12316.34	34339.84	129144.48	701
2123528	18912.7	20684.81	16840.56	13868.38	9477.37	622.61	0	0	51.85	10884.14	18584.76	24017.22	133944.40	430
2133093	36641.34	28605.17	16280.45	7312.43	0	0	0	0	1.38	3047.08	14491.04	37893.39	144252.28	500
2115137	29382.83	23982.89	16548.55	11052.39	0	0	0	0	0	6519.03	25688.16	33881.53	147055.38	417
2024702	35142.12	31529.54	18501.11	12206.62	0	0	0	0	0	4347.69	19690.95	28796.8	150214.83	58
1546148	25498.85	19685.4	18956.24	0	17109.45	0	0	0	0	26478.33	40018.67	54607.39	202354.33	844
1553325	54109.74	42454.42	30188.74	27451.85	9617.8	207.86	0	0	0	10181.59	38565.9	62800.27	275578.17	397
2064977	0	0	0	0	0	25247.86	0	0	114.06	1664.67	3011.42	6986.1	37024.11	250
2024694	11337.4	9358.38	3481.45	2521.33	963.35	0	0	0	4.16	975.3	3071.5	8806.65	40519.52	377
2024285	7768.91	6614.21	4367.44	3463.19	2110.96	576.36	466.31	458.45	508.36	2183.72	4088.23	6611.02	39197.16	4740
2024299	9364.65	7698.89	4912.4	3749.62	2032.06	630.41	545.62	674.23	611.63	2520.77	4738.48	7547.25	40526.01	64
2024290	9814.75	8332.49	5846.38	4707.04	3117.31	775.72	554.05	516.83	553.24	3629.76	5955.96	8285.06	52088.59	64
2027403	18878.29	16298.93	10285.42	7210.13	4404.48	1463.53	1279.3	2509.96	3773.96	6750.86	11077.17	18774.75	102706.78	400
2133071	23091.22	20380.44	13882	10924.43	8880.42	5827.56	5279.35	4957.06	3153.27	5854.79	10155.69	18302.56	130688.79	1269
2024675	8042.57	6719.25	4768.24	3701.4	1919.46	430.44	379.54	372.63	413.5	3517	8384.49	668.87	39317.39	64
2027527	17724.54	14462.99	9529.33	8030.31	3736.05	1530.62	1430.45	1407.32	1428.57	4469.72	10210.79	20278.99	94239.68	64
2123460	8389.33	6754.98	2336	1543.09	265.11	0	0	0	0	12.57	2309.77	6217.19	27828.04	89
1884576	38108.8	34021.47	18190.87	16096.6	7503.93	44.31	0	0	0	12040.31	17270.74	28364.82	171641.85	89
1611635	79381.85	68353.26	39558.83	26436.5	15772.21	5202.01	4819.22	4495.46	5608.96	17682.04	35412.7	67247.16	369970.20	3300
2027387	17059.82	14338.1	11546.95	9052.74	6243.75	4022.33	4190.86	4053.34	4146.41	6038.64	9732	16370.12	106795.06	224
1885276	12902.69	9244.43	4595.9	2705.75	475.09	0	0	0	0	1121.81	4191.9	9686.08	44923.65	437
1658882	41701.58	30314.87	17537.07	8361.43	2650.27	0	0	0	0	3585.14	17942.48	28312.93	150405.77	31
1723900	40929.92	34201.82	26530.12	24617.16	24444	22127.77	21184.53	20950.32	21157.85	23633.27	25313.89	33524.78	318615.43	453
2171234	74761.41	69182.78	63914.57	50419.56	47559.93	0	94800.19	47451.77	45493.15	54453.45	62071.41	73339.3	683447.52	500
2115901	714.95	555.34	301.04	169.03	0	0	0	0	0	62.76	295.99	545.81	2644.92	925
2115434	1027.99	823.8	396.2	203.71	35.91	0	0	0	0	35.4	410.59	834.88	3768.48	541
2035694	1841.14	1460.05	697.33	418.72	0	0	0	0	0	65.04	626.63	1220.02	6328.93	60
1987683	1852.2	1567.8	707.15	508.78	0	0	0	0	0	138.93	697.33	1287.29	6759.48	302
1987633	4329.37	3237.51	1545.18	924.67	0	0	0	0	0	273.84	1623.21	3400.31	15334.09	1252
2023825	7324.87	6387.81	3068.51	1308.64	14.53	0	0	0	0	459.78	2431.95	5988	26984.09	541
2027536	7674.43	6427.07	2803.14	2160.51	0	0	0	0	0	0	3049.83	6220.69	28335.67	416
2027563	9629.43	7815.84	3153.44	1823.39	0	0	0	0	0	0	3492.99	9203.31	35118.40	388
1722889	11579.36	8809.93	3803.53	3632.91	1180.17	0	0	0	0	2117.35	5208.98	9345.86	45678.09	373
1526423	16012.16	13228.68	9698.96	7098.52	4350.16	2004.83	1762.9	1896.86	1969.83	5400.9	10343.84	14601.4	88369.04	400
2026870	6929.66	6210.19	1841.8	822.39	223	0	0	0	5.18	430.79	1822.56	3295.55	21581.12	1851
1806079	26940.01	22109.78	10422.29	9810.39	4971.55	111.15	13.95	0	599.43	9308.81	16655.16	23493.98	124436.50	107
2027641	15030.19	11357.76	4732.21	3096.01	1436.33	0	0	0	0	1717.85	6540.71	10346.46	54257.52	368
2024992	1860.45	1593.81	831.29	601.64	279.47	0	0	0	0	193.71	872.29	1674.13	7906.79	1851
2025099	4233.99	3431.75	1524.21	1053.85	327.99	0	9.37	0	14.51	242.76	2272.91	4413.13	17524.47	54
1986388	6293.97	4956.9	2508.62	1751.6	441.31	0	0	0	0	538.66	2402.69	5072.11	23965.86	38
2188225	17187.42	14806.17	10291.66	7900.09	6433.65	5204.27	5175.57	5398.71	4878.88	8538.19	12874.73	16		

**PHILADELPHIA GAS WORKS
JANUARY 2016 - DECEMBER 2016**

53.64(c) 8-9

MTR_NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL_CCF	Max Daily Qty (Dth)
2123522	0	0	0	0	0	0	0	0	0	0	17578.83	5246.83	22825.66	430
1611015	0	0	5423.09	32740.54	35526.23	29814.16	37138.86	48359.56	53498.64	55641.82	29865.33	16761.95	344770.18	547
2188223	11861.72	8343.15	3834.73	1682.63	831.14	0	438.71	10.41	31.09	1664.74	3865.8	8751.32	41315.44	1225
1658886	0	0	0	0	0	0	0	0	0	0	0	0	0.00	90
2064981	0	0	0	0	0	0	0	0	313.14	0	0	0	313.14	11586
1658885	4353.25	4014.27	312.6	416.36	2487.74	623.18	66379.83	22603.78	11990.14	2209.05	517.95	2732.77	118640.92	400
2036192	68350.46	64663.41	46856.94	42188.17	34591.88	25036.42	24869.86	26797.34	28326.37	35132.23	40869.8	53155.03	490837.91	740
1786009	375631.29	335096.98	265206.56	224905.3	187709.54	142420.62	131797.9	131748.88	151619.45	195374.64	242921.76	343673.76	2728106.68	5500
1786008	404607.91	360558.1	284528.79	241179.53	200886.22	152289.04	141192.07	141234.01	163079.39	210540.9	262505.82	372902.36	2935504.14	5500
2064982	920957.46	758476.51	572064.06	503620.64	405111.79	308950.54	294280.24	288720.36	308459.62	414699.84	543980.54	805001.82	6124323.42	5500
2027386	6455.9	9576.78	7685.18	5856.21	4824.82	4556.42	4907.93	6807.38	7512.12	7492.15	4775.17	5454.52	75904.58	141
2026820	18234.02	12473.37	17147.27	16589.41	17568.61	15891.73	16598.47	16586.89	16074.65	18123.48	18124.18	19037.85	202449.93	300
2023953	75323.28	63968.37	50377.38	47701.52	37691.67	21064.26	18687.44	18732.39	24798.59	42921.88	48077.1	64507.88	513851.76	576
2027625	5073.08	4165.37	2046.81	1827.43	463.56	0	40.89	220.78	750.16	1145.41	2245.29	3757.39	21736.17	1565
2027564	5125.36	4223.51	2048	1741.14	532.49	210.75	88.95	212.51	720.96	1292.76	2621.43	4769.05	23586.91	728
2027529	56324.75	45559.73	28817.03	20075.39	10775.46	6112.92	5612.09	5340.96	5616.47	14957.06	32171.1	50051.9	281414.86	706
2035886	9473.61	7896.79	5636.21	1854.65	3938.13	5718.25	4421.58	4791.36	4610.48	7378.78	6238.15	5078.19	67036.18	95
1526433	59501.02	53726.7	47463.17	43620.36	38282.62	31143.95	28813.07	27717.28	29960.01	36650.6	46019.69	59130.79	502029.26	1043
2116160	31092.16	29147.98	11908.34	8142.46	0	0	0	0	0	0	8345.29	19687.55	108323.78	547
2027434	6983.12	5777.78	3059.67	2196.55	1021.49	2054.95	3669.21	3633.99	2248.37	1595.22	2902.05	6106.91	41249.31	455
2027433	8603.31	7017.59	3758.42	2677.89	1151.61	2196.32	4226.35	4361.31	2576.12	1847.49	3477.7	7392.73	49286.84	450
1909300	199701.472	195714.014	111419.345	202467.338	53749.075	46675.3514	16017.8381	1230.0253	2464.91111	89708.7851	110791.096	190010.67	1219949.92	0
1685277	30278.22	18667.26	8035.52	4530.57	673.13	0	0	10.42	31.11	804.53	5003.56	20854.21	88888.53	380
1546146	23535.39	20440.99	13436.77	10958.31	6899.42	4175.76	3652.61	3554.32	4074.21	7585.28	11173.65	19994.99	129481.70	313
1526425	24634.65	21292.82	15164.28	10042.87	2879.39	2240.89	2072.92	2059.2	1881.61	8114.33	13510.06	20797.26	124690.28	360
1582089	59181.58	49863.4	31329.56	23460.26	4777.14	3838.52	3521.97	3428.43	3617.04	18040.86	31050.09	50745.82	282854.67	479
2024714	12185.3	9596.29	4681.8	3041.15	0	0	0	0	0	1320.76	4949.94	9548.45	45323.69	167
2064820	3116.43	2381.21	1081.29	787.42	147.05	0	0	0	1.03	308.58	643.72	2103.69	10570.42	99
2157702	33850.2	31416.68	22525.69	20114.8	21702.18	15856.73	13693.7	15212.44	17859.84	21834.52	21062.26	28331.23	263460.27	43
2036187	43116.62	40187.79	21710.21	14732.36	8322.1	125.04	0	0	430.58	10558.65	16909.28	32921.04	189013.67	576
2027583	29482.52	27492.17	28675.1	28400.74	29471.01	28693.09	29750.37	29970.77	29199.55	30312.98	37137.4	39242.58	367828.28	202
2116162	167188.5	150984.26	137754.97	123825.79	104579.8	83205.78	73382.64	81508.64	87128.93	107396.91	130117.19	157616.25	1404689.66	2549
1685275	3930	3570	4040	3590	3380	3850	3080	3430	3090	3970	3840	5500	45270.00	375
2027494	22212.25	19778.38	13278.69	6484.18	1830.1	0	0	0	0	2340.3	14217.42	20755.15	100896.47	100
2123484	4074.86	3657.55	2398.32	2142.33	1945.91	1548.71	1408.73	1469.52	1628.85	2025.37	2228.06	3402.68	27930.89	119
2123463	4538.19	4080.6	2698.02	2410.43	2184.23	1740.9	1569.48	1618.58	1810.13	2281.6	2501.93	3764.09	31198.18	80
2123467	6796.3	5888.76	3909.62	2654.91	1248.87	548.35	455.95	433.41	444.82	1495.96	3712.75	6197.47	33787.17	80
2115593	19006.2	17592.34	13099.52	10478.65	10392.12	6941.26	4383.29	7444.61	6652.41	7783.85	10141.64	14608.12	128524.01	388
1575425	14800.3	8976.42	4356.42	2247.31	0	0	0	0	0	0	6141.69	13748.48	50270.82	383
2211334	17705.8	16197.7	9857.24	3904.01	3678.69	2045.92	1467.15	2634.81	1431.48	2855.78	6916.78	11277.89	79973.25	449
2025172	10978.92	10508.54	3111.25	2109.04	0	0	6.7	2.64	0	553.14	2036.29	5151.89	34458.41	175
2025146	12066.3	11613.42	3414.33	2297.88	0	0	6.7	1.32	1.31	618.45	2285.55	5607.89	37913.15	140
2027443	22714.98	19556.9	11628.3	8288.93	4872.49	2962.3	2520.39	2557.91	2821.05	5470.7	9879.43	18438.29	111711.67	430
1526478	32905.86	29424.62	11185.13	5811.36	564.3	0	0	0	0	1454.24	9126.78	25735.14	116207.43	135
2027160	9068.83	7864.96	5147.86	2714.95	0	0	0	0	0	1582.39	4783.46	8425.34	39587.79	164
2024698	7645.81	6511.36	3468.56	2382.24	777.65	0	0	0	0	246.32	3376.78	7185.31	31594.03	272
1601880	14510.96	11489.69	5741.44	3697.88	1463.48	0	0	0	0	1077.9	4964.74	11411.04	54357.13	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.