

Tab 4

Philadelphia Gas Works

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

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

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

Response:

Please see the attached document. PGW's next Annual Resource Planning Report (Forms 1 and 2) is due for submission to the Commission on March 1, 2015 and an updated Annual Resource Planning Report is not available at this time.

ANNUAL RESOURCE PLANNING REPORT

Philadelphia Gas Works

Philadelphia, Pennsylvania

March 2014

Forms 1 & 2

BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION

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

**ANNUAL RESOURCE PLANNING REPORT
MARCH 2014**

Forms 1 & 2

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

PHILADELPHIA GAS WORKS

TABLE OF CONTENTS

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

Section 59.81: **General**

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

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

One copy should be submitted unbound for ease of duplication.

One courtesy copy should also be submitted to:

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

Also submit one (1) copy to the following:

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

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

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

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

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

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

Response:

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

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

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

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

Response: Please see the attached documentation and forms.

**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 2011-2012	-1 2012-2013	0 2013-2014	1 2014-2015	2 2015-2016	3 2016-2017			
Firm Requirements:									
Retail Residential	30,061	35,752	37,577	37,098	36,876	36,713			
Retail Commercial	7,772	8,513	8,612	8,893	8,981	9,131			
Retail Industrial	511	479	489	506	492	481			
Electric Power Generation	-	-	-	-	-	-			
Exchanges with Other Utilities	-	-	-	-	-	-			
Unaccounted For Gas	1,329	1,476	1,836	1,846	1,841	1,840			
Company Use	395	410	395	426	426	426			
Other - Prior Period Adjustment	-	-	-	-	-	-			
Subtotal Firm	40,068	46,630	48,909	48,769	48,616	48,590			
Interruptible Requirements:									
Retail	192	890	1,603	867	868	864			
Electric Power Generation	-	-	-	-	-	-			
Company's Own Plant	54	52	109	101	101	101			
Unaccounted For Gas	5	30	2	1	1	1			
Subtotal Interruptible	251	972	1,713	970	971	967			
SUBTOTAL FIRM AND INTERRUPTIBLE	40,319	47,602	50,623	49,738	49,587	49,557			
Transportation:									
Firm Residential	27	41	13	-	-	-			
Firm Commercial	2,266	3,192	3,643	3,859	4,026	4,157			
Firm Industrial	294	328	362	400	410	421			
Interruptible Residential	-	-	-	-	-	-			
Interruptible Commercial	5,780	6,506	7,093	7,344	7,552	7,744			
Interruptible Industrial	6,142	7,458	7,177	7,487	7,705	7,885			
Other - Non-Utility Power Producers	10,436	9,618	10,522	10,457	10,486	10,457			
Subtotal Transportation	24,945	27,144	28,810	29,548	30,178	30,664			
TOTAL GAS REQUIREMENTS	65,264	74,745	79,432	79,286	79,765	80,221			
Increase (Decrease)		9,481	4,687	(146)	478	456			
Percent Change (%)		14.53%	7.18%	-0.18%	0.60%	0.57%			

**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⁾		
	-2 2011-2012	-1 2012-2013	0 2013-2014	1 2014-2015	2 2015-2016	3 2016-2017			
Firm Requirements:									
Retail Residential	289	345	438	455	452	450			
Retail Commercial	75	82	100	109	110	112			
Retail Industrial	5	5	6	6	6	6			
Electric Power Generation	-	-	-	-	-	-			
Exchanges with Other Utilities	-	-	-	-	-	-			
Unaccounted For Gas	13	14	21	23	23	23			
Company Use	4	4	5	5	5	5			
Other	-	-	-	-	-	-			
Subtotal Firm	385	450	570	598	596	596			
Interruptible Requirements:									
Retail	1.3	0.3	6.3	2.5	2.5	3			
Electric Power Generation	0.0	0.0	-	-	-	-			
Company's Own Plant	0.4	0.4	0.7	0.5	0.5	1			
Unaccounted For Gas	0.0	0.0	0.1	0.1	0.1	0.1			
Subtotal Interruptible	1.8	0.7	7.2	3.1	3.1	3.1			
SUBTOTAL FIRM AND INTERRUPTIBLE	387	450	577	601	599	599			
Transportation:									
Firm Residential	0	0	-	-	-	-			
Firm Commercial	18	25	36	40	42	44			
Firm Industrial	2	2	3	3	3	3			
Interruptible Residential	-	-	-	-	-	-			
Interruptible Commercial	39	45	-	-	-	-			
Interruptible Industrial	23	21	-	-	-	-			
Other - Non-Utility Power Producers	35	44	-	-	-	-			
Subtotal Transportation	116	137	39	43	45	47			
TOTAL GAS REQUIREMENTS	503	588	616	645	644	646			
Increase (Decrease) Percent Change (%)		85 16.9%	29 4.9%	29 4.6%	(1) -0.1%	2 0.3%			

- ⁽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				Current Year (2)				Three Year Forecast (1)			
	-2		-1		0		1		2		3	
	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak
Gas Supply for Sales Service												
Spot Purchases	44,037	164	49,702	166	51,273	281	52,709	234	52,692	289	52,689	232
Storage Withdrawals	10,345	188	11,421	186	11,461	161	9,267	219	12,533	163	12,531	219
LNG Withdrawal	974	35	1,538	88	3,303	169	2,031	195	2,032	194	2,037	186
LNG Purchases	-	-	-	-	-	-	-	-	-	-	-	-
Exchanges with other LDCs	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-
Total Gas Supply	55,356	387	62,661	450	66,038	612	64,007	648	67,257	647	67,257	647
Total Transportation Services	24,945	116	27,144	137	28,810	18	29,548	18	30,178	19	30,664	19
TOTAL GAS SUPPLY AND TRANSPORTATION SERVICE	80,301	503	89,804	588	94,848	630	93,555	666	97,434	665	97,921	666
Deductions												
Pipeline: TRANS FUEL	2,374	-	2,270	-	1,072	9	2,277	13	2,205	15	2,205	12
Storage: INJ, INJ FUEL, WITHDRAW FUEL, TRANS FUEL	11,166	-	10,999	-	11,946	2	10,087	4	13,428	2	13,390	4
LNG: LIQUE, INJ FUEL, TRANS FUEL	1,497	-	1,790	-	2,397	3	1,904	4	2,038	4	2,105	4
Sales to other LDC's	-	-	-	-	-	-	-	-	-	-	-	-
Total Deductions	15,037	-	15,059	-	15,415	14	14,269	21	17,670	21	17,700	21
NET GAS SUPPLY	65,264	503	74,745	588	79,433	616	79,286	645	79,765	644	80,221	646
BTU	1,021		1,028		1,049		1,029		1,029		1,029	

(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		-1	0		1	2		3		Peak	Peak
	2011-2012	2012-2013		2013-2014	2014-2015		2015-2016	2016-2017				
City Gate Transportation Contracts:												
Transcontinental Transmission Corp.	4,004	4,004	60	4,004	4,004	60	4,004	4,004	60	4,004	60	60
Texas Eastern Transmission Corp.	2,383	2,385	43	2,385	2,385	43	2,385	2,385	43	2,385	43	43
Texas Eastern Transmission Corp.	2,216	2,218	20	2,218	2,218	20	2,218	2,218	20	2,218	20	20
Transcontinental Transmission Corp.	438	438	5	438	438	5	438	438	5	438	5	5
Total	9,041	9,045	128	9,045	9,045	128	9,045	9,045	128	9,045	128	128
Upstream Transportation Contracts:												
Transcontinental Transmission Corp.	58,706	58,546	160	58,546	58,546	160	58,706	58,546	160	58,546	160	160
Texas Eastern Transmission Corp.	26,650	26,578	73	26,578	26,578	73	26,650	26,578	73	26,578	73	73
Texas Eastern Transmission Corp.	8,465	8,442	23	8,442	8,442	23	8,465	8,442	23	8,442	23	23
Texas Eastern Transmission Corp.	2,604	2,586	17	2,586	2,586	17	2,604	2,586	17	2,586	17	17
Texas Eastern Transmission Corp.	2,604	2,586	17	2,586	2,586	17	2,604	2,586	17	2,586	17	17
Transcontinental Transmission Corp.	172	172	2	172	172	2	172	172	2	172	2	2
Texas Eastern Transmission Corp.	-	-	-	-	1,771	5	1,776	1,771	5	1,771	5	5
Total	99,201	98,910	293	98,910	100,681	298	100,977	100,681	298	100,681	298	298
Storage-Related Transportation Contracts:												
Dominion Transmission Inc.	9,135	9,110	25	9,110	9,110	25	9,135	9,110	25	9,110	25	25
Dominion Transmission Inc.	2,767	2,760	8	2,760	2,760	8	2,767	2,760	8	2,760	8	8
Equitrans	1,778	1,771	5	1,771	-	-	-	-	-	-	-	-
Total	13,679	13,641	37	13,641	11,870	33	11,903	11,870	33	11,870	33	33

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

Index Year Actual year	Historical Data				Current Year				Three Year Forecast			
	-2		-1		0		1		2		3	
	2011-2012		2012-2013		2013-2014		2014-2015		2015-2016		2016-2017	
	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak	Annual	Peak
Transcontinental Transmission Corp.	4,004	60	4,004	60	4,004	60	4,004	60	4,004	60	4,004	60
Dominion Transmission Inc.	3,627	33	-	33	-	33	-	33	-	33	-	33
Transcontinental Transmission Corp.	3,122	33	-	-	-	-	-	-	-	-	-	-
Texas Eastern Transmission Corp.	2,383	43	-	43	-	43	-	43	-	43	-	43
Texas Eastern Transmission Corp.	2,216	20	-	20	-	20	-	20	-	20	-	20
Transcontinental Transmission Corp.	1,066	106	741	-	741	85	741	-	741	-	741	-
Equitrans	488	5	-	5	-	-	-	-	-	-	-	-
Transcontinental Transmission Corp.	438	5	-	5	-	5	-	5	-	5	-	5
Total	17,343	304	4,744	165	4,744	278	4,744	160	4,744	160	4,744	160

Conversions at 1030 Btu

	Contract Expiration Date ⁽¹⁾
Transcontinental Transmission Corp.	03/31/2023
Dominion Transmission Inc.	03/31/2016
Transcontinental Transmission Corp.	10/31/2014
Texas Eastern Transmission Corp.	04/30/2019
Texas Eastern Transmission Corp.	04/30/2019
Transcontinental Transmission Corp.	10/31/2014
Equitrans	03/31/2013
Transcontinental Transmission Corp.	04/15/2015

⁽¹⁾ For purposes of this report, all contracts 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 2014

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

PHILADELPHIA GAS WORKS
2014 Annual Resource Planning Summary Report

TABLE OF CONTENTS

INTRODUCTION

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

SECTION II -- Supply Forecasting Methodology and Assumptions

SECTION III -- Demand Forecasting Methodology and Assumptions

SECTION IV -- Design Day Forecasting Methodology and Assumptions

SECTION V -- PGW Corporate Modeling System

Introduction

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

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

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

I. PGW's Overall Approach to Integrated Resource Planning

PGW Optimization Standard for Purchasing and Utilizing Gas Supplies

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

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

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

II. Supply Forecasting Methodology and Assumptions

Basic Assumptions

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

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

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

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

II. Supply Forecasting Methodology and Assumptions

Basic Assumptions (Continued)

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

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

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

II. Supply Forecasting Methodology and Assumptions

Basic Assumptions (Continued)

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

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

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

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

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

Customer Demand

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

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

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

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

In addition, consideration must be given to the variation of customer utilization patterns for space heating over the year, recognizing the transitional fall start-up of heaters, the deep winter period needs and the tapering off and shut-down which occurs in the spring. These usage patterns taken in conjunction with anticipated customer counts and appropriate temperature patterns form the basis of determining class and total system demands. Due to the inconsistencies of weather and weather forecasting techniques, no attempt is made to predict the specific daily temperatures of the projection period. Instead PGW has developed a normal monthly temperature pattern by analyzing statistical records of actual temperature patterns over a 30-year period. This pattern reflects 4256 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 4,256 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.

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

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

Response:

I. Current Strategy

PGW's current strategy for meeting, the system's supply requirements is to use a portfolio approach in both contract structures and pricing. The Company's supply portfolio is split into four distinct categories. First, the Company enters into winter-only supply contracts. These winter-only supply arrangements provide gas supply that fills approximately forty five percent (45%) of PGW's daily firm transportation entitlements on both Spectra Energy Gas Transmission (formerly Duke Energy Gas Transmission) and Williams Gas Pipeline.

Item 53.64(c)(6) continued

The Spectra Energy and Williams pipelines represent the only interstate pipeline facilities with physical connections to the PGW service territory. These supply contracts also recognize pipeline receipt and delivery rights. By sourcing supply in this manner, PGW not only ensures security of supply from the pipelines, but also can take advantage of varying basis differentiated pricing in the market. These contracts all contain the ability to set the price for upcoming months, or to have the pricing, default to an agreed upon market index. Second, an additional twenty-five percent (25 %) is priced at the “gas daily mid-point” for each day of usage. These contracts allow for daily changes in volume. The operational flexibility of these contracts allows the company to increase or decrease gas supply to meet variations in send out requirements. Third the company utilizes three (3) pipeline storage services, as an additional source of supply. These storage services do not contain bundled transportation and therefore are moved to the city gates within PGW's firm interstate pipeline capacity. These services represent seventeen percent (17 %) of supply at a fixed price. Additionally the company purchases thirteen percent (13%) of its supply using day purchases as needed. The Company will again attempt to release capacity for one year periods totaling thirty-three thousand dekatherms as it did last year 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 (twenty thousand dekatherms) and depend on market based prices to fill the TETCO portion (fifteen thousand dekatherms).

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

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

Item 53.64(c)(6) continued

II. Overview of Gas Supply Section

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

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

III. Organization and Staffing

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

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

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

Manager, Gas Control: This person has over 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, 2014 to December 31, 2014.

Schedule 1 – reflects all off system sales margins for the period January 1, 2014 to December 31, 2014.

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

Schedule 3 – illustrates all capacity release deals.

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

Schedule 5 – reflects asset management revenue for the period January 1, 2014 to December 31, 2014.

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, 2014

Off-System Sales			
MONTH	Total Revenue	Ratepayer Margin	Total Credit
Jan-14	\$30,000	\$22,500	\$30,000
Feb-14	\$0	\$0	\$0
Mar-14	\$0	\$0	\$0
Apr-14	\$0	\$0	\$0
May-14	\$0	\$0	\$0
Jun-14	\$0	\$0	\$0
Jul-14	\$0	\$0	\$0
Aug-14	\$0	\$0	\$0
Sep-14	\$0	\$0	\$0
Oct-14	\$0	\$0	\$0
Nov-14	\$0	\$0	\$0
Dec-14	\$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.

Philadelphia Gas Works
Pennsylvania Public Utilities Commission
52 Pa. Code §53.61, et seq.
For the Twelve Months Ending December 31, 2014

Schedule 3
Item 53.64(C)(7)

	Capacity Release			
	Total		Total	
	TGPL		TETCO	
	Credits	Credits	Credits	Credits
MONTH				
Jan-14	\$	174,165	\$	182,980
Feb-14	\$	212,662	\$	223,927
Mar-14	\$	195,302	\$	213,211
Apr-14	\$	211,793	\$	287,765
May-14	\$	235,562	\$	461,720
Jun-14	\$	264,191	\$	566,038
Jul-14	\$	272,054	\$	638,615
Aug-14	\$	273,267	\$	688,894
Sep-14	\$	217,684	\$	713,513
Oct-14	\$	199,947	\$	747,488
Nov-14	\$	666,282	\$	850,021
Dec-14	\$	309,473	\$	887,911
TOTAL	\$	3,232,381	\$	6,462,083

Philadelphia Gas Works
Pennsylvania Public Utilities Commission
52 Pa. Code §53.61, et seq.
For the Twelve Months Ending December 31, 2014

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-14	TETCO	ELA - M-3	N	25,000	\$ 3,750.00	\$ 0.1500	\$ 3,750.00	Seq Ener Mgm
	TETCO	ELA - M-3	N	55,800	\$ 23,196.06	\$ 0.4157	\$ 23,196.06	CNE Gas Sup
	TETCO	ELA - M-3	N	3,658	\$ 1,520.63	\$ 0.4157	\$ 1,520.63	South Jersey Res
	TETCO	ELA - M-3	N	95,821	\$ 37,132.78	\$ 0.3875	\$ 37,132.78	UGI
	TETCO	ELA - M-3	N	2,356	\$ 979.39	\$ 0.4157	\$ 979.39	PPL
	TETCO	ELA - M-3	N	116,157	\$ 48,286.47	\$ 0.4157	\$ 48,286.47	Hess
	TETCO	ELA - M-3	N	20,801	\$ 8,646.99	\$ 0.4157	\$ 8,646.99	Sprague
	TETCO	ELA - M-3	N	232,500	\$ 34,177.50	\$ 0.1470	\$ 34,178	Seq Ener Mgm
	TETCO	ELA - M-3	N	157,080	\$ 25,289.88	\$ 0.1610	\$ 25,290	BP Energy
				709,173			\$ 182,979.70	
	TRANSCO	3-6	N	20,000	\$ 4,020.00	\$ 0.2010	\$ 4,020.00	Sequent
	TRANSCO	3-6	N	2,356	\$ 1,231.63	\$ 0.5228	\$ 1,231.63	PPL
	TRANSCO	3-6	N	3,689	\$ 1,928.82	\$ 0.5229	\$ 1,928.82	South Jersey
	TRANSCO	3-6	N	20,801	\$ 10,875.11	\$ 0.5228	\$ 10,875.11	Sprague
	TRANSCO	3-6	N	55,831	\$ 29,188.98	\$ 0.5228	\$ 29,188.98	CNE
	TRANSCO	3-6	N	95,821	\$ 50,096.00	\$ 0.5228	\$ 50,096.00	UGI Energy
	TRANSCO	3-6	N	116,188	\$ 60,744.19	\$ 0.5228	\$ 60,744.19	Hess
	TRANSCO	3-6	N	80,000	\$ 16,080.00	\$ 0.2010	\$ 16,080.00	Sequent
				394,686			\$ 174,164.73	
February-14	TETCO	ELA - M-3	N	70,000	\$ 10,500.00	\$ 0.1500	\$ 10,500.00	Seq Ener Mgm
	TETCO	ELA - M-3	N	52,808	\$ 21,994.53	\$ 0.4165	\$ 21,994.53	CNE
	TETCO	ELA - M-3	N	18,788	\$ 7,825.20	\$ 0.4165	\$ 7,825.20	Sprague
	TETCO	ELA - M-3	N	3,304	\$ 1,376.11	\$ 0.4165	\$ 1,376.11	So Jersey Res
	TETCO	ELA - M-3	N	104,944	\$ 43,709.18	\$ 0.4165	\$ 43,709.18	Hess
	TETCO	ELA - M-3	N	2,184	\$ 909.64	\$ 0.4165	\$ 909.64	PPL
	TETCO	ELA - M-3	N	86,268	\$ 35,930.62	\$ 0.4165	\$ 35,930.62	UGI
	TETCO	ELA - M-3	N	210,000	\$ 30,870.00	\$ 0.1470	\$ 30,870.00	Seq Ener Mgm
	TETCO	ELA - M-3	N	439,824	\$ 70,811.66	\$ 0.1610	\$ 70,812	BP Energy
				988,120			\$ 223,926.94	
	TRANSCO	3-6	N	2,184	\$ 1,141.84	\$ 0.5228	\$ 1,141.84	PPL
	TRANSCO	3-6	N	3,304	\$ 1,727.32	\$ 0.5228	\$ 1,727.32	So Jersey Res
	TRANSCO	3-6	N	18,788	\$ 9,822.68	\$ 0.5228	\$ 9,822.68	Sprague
	TRANSCO	3-6	N	52,808	\$ 27,608.28	\$ 0.5228	\$ 27,608.28	CNE
	TRANSCO	3-6	N	86,296	\$ 45,116.40	\$ 0.5228	\$ 45,116.40	UGI
	TRANSCO	3-6	N	104,944	\$ 54,865.72	\$ 0.5228	\$ 54,865.72	Hess
	TRANSCO	3-6	N	280,000	\$ 72,380.00	\$ 0.2585	\$ 72,380.00	BG Energy
				548,324			\$ 212,662.24	
March-14	TETCO	ELA - M-3	N	50,000	\$ 7,500.00	\$ 0.1500	\$ 7,500.00	Seq Ener Mgm
	TETCO	ELA - M-3	N	58,280	\$ 24,273.63	\$ 0.4165	\$ 24,273.63	CNE
	TETCO	ELA - M-3	N	95,511	\$ 37,080.33	\$ 0.3882	\$ 37,080.33	UGI
	TETCO	STX - M-3	N	3,751	\$ 1,562.29	\$ 0.4165	\$ 1,562.29	South Jersey
	TETCO	STX - M-3	N	116,157	\$ 48,379.40	\$ 0.4165	\$ 48,379.40	Hess
	TETCO	STX - M-3	N	20,832	\$ 8,676.53	\$ 0.4165	\$ 8,676.53	Sprague
	TETCO	ELA - M-3	N	2,356	\$ 981.27	\$ 0.4165	\$ 981.27	PPL
	TETCO	ELA - M-3	N	232,500	\$ 34,177.50	\$ 0.1470	\$ 34,177.50	Seq Ener Mgm
	TETCO	ELA - M-3	N	314,160	\$ 50,579.76	\$ 0.1610	\$ 50,579.76	BP Energy
				893,547			\$ 213,210.71	
	TRANSCO	3-6	N	30,000	\$ 6,030.00	\$ 0.2010	\$ 6,030.00	Sequent
	TRANSCO	3-6	N	2,387	\$ 1,248.06	\$ 0.5229	\$ 1,248.06	PPL
	TRANSCO	3-6	N	3,751	\$ 1,961.06	\$ 0.5228	\$ 1,961.06	South Jersey
	TRANSCO	3-6	N	20,832	\$ 10,891.23	\$ 0.5228	\$ 10,891.23	Sprague
	TRANSCO	3-6	N	58,311	\$ 30,485.40	\$ 0.5228	\$ 30,485.40	CNE
	TRANSCO	3-6	N	95,232	\$ 49,788.48	\$ 0.5228	\$ 49,788.48	UGI
	TRANSCO	3-6	N	116,157	\$ 60,728.07	\$ 0.5228	\$ 60,728.07	Hess
	TRANSCO	3-6	N	170,000	\$ 34,170.00	\$ 0.2010	\$ 34,170.00	Sequent
				496,670			\$ 195,302.30	
April-14	TETCO	ELA - M-3	N	7,500	\$ 11,250.00	\$ 1.5000	\$ 11,250.00	Seq Ener Mgm
	TETCO	ELA - M-3	N	112,380	\$ 46,806.28	\$ 0.4165	\$ 46,806.28	Hess
	TETCO	ELA - M-3	N	59,130	\$ 24,627.65	\$ 0.4165	\$ 24,627.65	CNE
	TETCO	STX - M-3	N	20,130	\$ 8,384.15	\$ 0.4165	\$ 8,384.15	Sprague
	TETCO	STX - M-3	N	3,720	\$ 1,549.37	\$ 0.4165	\$ 1,549.37	South Jersey
	TETCO	STX - M-3	N	112,500	\$ 46,856.25	\$ 0.4165	\$ 46,856.25	Hess
	TETCO	STX - M-3	N	92,190	\$ 38,397.13	\$ 0.4165	\$ 38,397.13	UGI
	TETCO	STX - M-3	N	2,280	\$ 949.63	\$ 0.4165	\$ 949.63	PPL
	TETCO	STX - M-3	N	225,000	\$ 33,075.00	\$ 0.1470	\$ 33,075.00	Seq Ener Mgm
	TETCO	STX - M-3	N	471,240	\$ 75,869.64	\$ 0.1610	\$ 75,869.64	BP Energy
				1,106,070			\$ 287,765.10	

Philadelphia Gas Works
Pennsylvania Public Utilities Commission
52 Pa. Code §53.61, et seq.
For the Twelve Months Ending December 31, 2014

Schedule 4
Page 2 of 5
Item 53.64(C)(7)

	PIPELINE	PATH	RECALL STATUS	MONTHLY VOLUME DTH	TOTAL MONTHLY CREDIT	CREDIT DTH	TOTAL CREDIT	REPLACEMENT SHIPPER
	TRANSCO	3-6	N	2,310	\$ 1,064.40	\$ 0.4608	\$ 1,064.40	PPL
	TRANSCO	3-6	N	3,720	\$ 1,944.90	\$ 0.5228	\$ 1,944.90	So Jersey
	TRANSCO	3-6	N	20,130	\$ 10,524.30	\$ 0.5228	\$ 10,524.30	Sprague
	TRANSCO	3-6	N	59,130	\$ 30,913.80	\$ 0.5228	\$ 30,913.80	CNE
	TRANSCO	3-6	N	92,190	\$ 48,197.70	\$ 0.5228	\$ 48,197.70	UGI
	TRANSCO	3-6	N	112,560	\$ 58,847.70	\$ 0.5228	\$ 58,847.70	Hess
	TRANSCO	3-6	N	300,000	\$ 60,300.00	\$ 0.2010	\$ 60,300.00	Sequent
				<u>590,040</u>			<u>\$ 211,792.80</u>	
May-14	TETCO	WLA - M-3	N	77,500	\$ 11,625.00	\$ 0.1500	\$ 11,625.00	Seq Ener Mgm
	TETCO	WLA - M-3	N	20,832	\$ 8,676.53	\$ 0.4165	\$ 8,676.53	Sprague
	TETCO	ELA - M-3	N	94,798	\$ 39,483.36	\$ 0.4165	\$ 39,483.36	UGI
	TETCO	STX - M-3	N	3,565	\$ 1,484.82	\$ 0.4165	\$ 1,484.82	South Jersey
	TETCO	STX - M-3	N	116,498	\$ 48,521.41	\$ 0.4165	\$ 48,521.41	Hess
	TETCO	STX - M-3	N	62,031	\$ 25,835.91	\$ 0.4165	\$ 25,835.91	CNE
	TETCO	ELA - M-3	N	2,356	\$ 981.27	\$ 0.4165	\$ 981.27	PPL
	TETCO	ELA - M-3	N	124,000	\$ 19,468.00	\$ 0.1570	\$ 19,468.00	Infinite
	TETCO	ELA - M-3	N	232,500	\$ 34,177.50	\$ 0.1470	\$ 34,177.50	Seq Ener Mgm
	TETCO	ELA - M-3	N	486,948	\$ 78,398.63	\$ 0.1610	\$ 78,398.63	BP Energy
	TETCO	ELA - M-3	N	558,000	\$ 96,533.94	\$ 0.1730	\$ 96,533.94	Grays Ferry
	TETCO	STX - M-3	N	558,000	\$ 96,533.94	\$ 0.1730	\$ 96,533.94	Grays Ferry
				<u>2,337,028</u>			<u>\$ 461,720.31</u>	
	TRANSCO	3-6	N	155,000	\$ 6,355.00	\$ 0.0410	\$ 6,355.00	WGL Midstream
	TRANSCO	3-6	N	155,000	\$ 3,255.00	\$ 0.0210	\$ 3,255.00	Williams Energy Resources
	TRANSCO	3-6	N	2,387	\$ 1,099.98	\$ 0.4608	\$ 1,099.98	PPL
	TRANSCO	3-6	N	3,565	\$ 1,642.69	\$ 0.4608	\$ 1,642.69	South Jersey
	TRANSCO	3-6	N	20,832	\$ 9,599.15	\$ 0.4608	\$ 9,599.15	Sprague
	TRANSCO	3-6	N	62,062	\$ 28,597.50	\$ 0.4608	\$ 28,597.50	CNE
	TRANSCO	3-6	N	94,798	\$ 43,682.10	\$ 0.4608	\$ 43,682.10	UGI
	TRANSCO	3-6	N	116,529	\$ 53,695.41	\$ 0.4608	\$ 53,695.41	Hess
	TRANSCO	3-6	N	155,000	\$ 24,335.00	\$ 0.1570	\$ 24,335.00	Infinite
	TRANSCO	3-6	N	310,000	\$ 62,310.00	\$ 0.2010	\$ 62,310.00	Sequent
	TRANSCO	3-6	N	90,000	\$ 990.00	\$ 0.0110	\$ 990.00	South Jersey
				<u>1,165,173</u>			<u>\$ 235,561.83</u>	
June-14	TETCO	ELA - M-3	N	75,000	\$ 11,250.00	\$ 0.1500	\$ 11,250.00	Seq Ener Mgm
	TETCO	STX - M-3	N	120,000	\$ 18,840.00	\$ 0.1570	\$ 18,840.00	Infinite
	TETCO	STX - M-3	N	17,190	\$ 7,159.63	\$ 0.4165	\$ 7,159.63	Sprague
	TETCO	ELA - M-3	N	62,940	\$ 26,214.51	\$ 0.4165	\$ 26,214.51	CNE Gas Sup
	TETCO	ELA - M-3	N	113,250	\$ 47,168.64	\$ 0.4165	\$ 47,168.64	Hess En Mkt
	TETCO	ELA - M-3	N	150,000	\$ 33,000.00	\$ 0.2200	\$ 33,000.00	Exelon Gener
	TETCO	ELA - M-3	N	1,890	\$ 787.18	\$ 0.4165	\$ 787.18	So Jersey
	TETCO	ELA - M-3	N	91,230	\$ 37,997.30	\$ 0.4165	\$ 37,997.30	UGI
	TETCO	ELA - M-3	N	2,310	\$ 962.12	\$ 0.4165	\$ 962.12	PPL
	TETCO	ELA - M-3	N	30,000	\$ 7,650.00	\$ 0.2550	\$ 7,650.00	Rainbow Ene
	TETCO	ELA - M-3	N	150,000	\$ 33,000.00	\$ 0.2200	\$ 33,000.00	Exelon Gener
	TETCO	ELA - M-3	N	225,000	\$ 33,075.00	\$ 0.1470	\$ 33,075.00	Seq Ener Mgm
	TETCO	ELA - M-3	N	471,240	\$ 75,869.64	\$ 0.1610	\$ 75,869.64	BP Energy
	TETCO	ELA - M-3	N	540,000	\$ 116,532.13	\$ 0.2158	\$ 116,532.13	Grays Ferry
	TETCO	ELA - M-3	N	540,000	\$ 116,532.13	\$ 0.2158	\$ 116,532.13	Grays Ferry
				<u>2,590,050</u>			<u>\$ 566,038.28</u>	

Philadelphia Gas Works
Pennsylvania Public Utilities Commission
52 Pa. Code §53.61, et seq.
For the Twelve Months Ending December 31, 2014

Schedule 4
Page 3 of 5
Item 53.64(C)(7)

				MONTHLY VOLUME		TOTAL MONTHLY		CREDIT		TOTAL		REPLACEMENT
	PIPELINE	PATH	RECALL STATUS	DTH		CREDIT		DTH		CREDIT		SHIPPER
	TRANSCO	3-6	N	150,000	\$	6,150.00	\$	0.0410	\$	6,150.00		WGL Midstream
	TRANSCO	3-6	N	150,000	\$	3,150.00	\$	0.0210	\$	3,150.00		Williams Enegy Resour
	TRANSCO	3-6	N	1,890	\$	870.60	\$	0.4606	\$	3,639.00		So Jersey
	TRANSCO	3-6	N	2,340	\$	1,078.20	\$	0.4608	\$	1,078.20		PPL
	TRANSCO	3-6	N	17,220	\$	7,932.90	\$	0.4607	\$	7,932.90		Sprague
	TRANSCO	3-6	N	62,970	\$	29,009.10	\$	0.4607	\$	29,009.10		CNE
	TRANSCO	3-6	N	91,230	\$	42,027.90	\$	0.4607	\$	42,027.90		UGI
	TRANSCO	3-6	N	113,280	\$	52,185.90	\$	0.4607	\$	52,185.90		Direct Enegy Business
	TRANSCO	3-6	N	150,000	\$	23,550.00	\$	0.1570	\$	23,550.00		Infinite
	TRANSCO	3-6	N	300,000	\$	60,300.00	\$	0.2010	\$	60,300.00		Sequent
	TRANSCO	3-6	N	300,000	\$	18,000.00	\$	0.0600	\$	18,000.00		Tenaska
	TRANSCO	3-6	N	300,000	\$	16,530.00	\$	0.0551	\$	16,530.00		Macquarie
	TRANSCO	3-6	N	85,000	\$	638.35	\$	0.0075	\$	638.35		South Jersey
				1,723,930					\$	264,191.35		
July-14	TETCO	ELA - M-3	N	77,500	\$	11,625.00	\$	0.1500	\$	11,625.00		Seq Ener Mgm
	TETCO	STX - M-3	N	124,000		19,468.00	\$	0.1570	\$	19,468.00		Infinite
	TETCO	ELA - M-3	N	155,000	\$	34,100.00	\$	0.2200	\$	34,100.00		Exelon Gener
	TETCO	ELA - M-3	N	31,000	\$	7,905.00	\$	0.2550	\$	7,905.00		Rainbow Ener
	TETCO	WLA - M-3	N	155,000	\$	34,100.00	\$	0.2200	\$	34,100.00		Exelon Gener
	TETCO	WLA - M-3	N	64,449	\$	26,843.01	\$	0.4165	\$	26,843.01		CNE
	TETCO	WLA - M-3	N	117,149	\$	48,792.56	\$	0.4165	\$	48,792.56		Direct En Mk
	TETCO	WLA - M-3	N	17,825	\$	7,424.11	\$	0.4165	\$	7,424.11		Sprague
	TETCO	WLA - M-3	N	1,953	\$	813.42	\$	0.4165	\$	813.42		South Jersey
	TETCO	ELA - M-3	N	2,387	\$	994.18	\$	0.4165	\$	994.18		PPL
	TETCO	WLA - M-3	N	155,000	\$	43,400.00	\$	0.2800	\$	43,400.00		Emera En Ser
	TETCO	WLA - M-3	N	94,240	\$	39,250.96	\$	0.4165	\$	39,250.96		UGI
	TETCO	WLA - M-3	N	232,500	\$	34,177.50	\$	0.1470	\$	34,177.50		Seq Ener Mgm
	TETCO	WLA - M-3	N	486,948	\$	78,398.63	\$	0.1610	\$	78,398.63		BP Energy
	TETCO	STX - M-3	N	558,000	\$	125,661.50	\$	0.2252	\$	125,661.50		Grays Ferry
	TETCO	STX - M-3	N	558,000	\$	125,661.50	\$	0.2252	\$	125,661.50		Grays Ferry
				2,830,951					\$	638,615.37		
	TRANSCO	3-6	N	155,000	\$	6,355.00	\$	0.0410	\$	6,355.00		WGL Midstream
	TRANSCO	3-6	N	155,000	\$	3,255.00	\$	0.0210	\$	3,255.00		Williams Energy Resource
	TRANSCO	3-6	N	1,953	\$	899.62	\$	0.4606	\$	899.62		PPL
	TRANSCO	3-6	N	17,825	\$	8,211.90	\$	0.4607	\$	8,211.90		Sprague
	TRANSCO	3-6	N	64,480	\$	29,704.51	\$	0.4607	\$	29,704.51		CNE Gas Sup
	TRANSCO	3-6	N	94,271	\$	43,428.83	\$	0.4607	\$	43,428.83		UGI Energy
	TRANSCO	3-6	N	117,180	\$	53,982.47	\$	0.4607	\$	53,982.47		Direct Energy Business
	TRANSCO	3-6	N	155,000	\$	24,335.00	\$	0.1570	\$	24,335.00		Infinite
	TRANSCO	3-6	N	155,000	\$	3,890.50	\$	0.0251	\$	3,890.50		South Jersey
	TRANSCO	3-6	N	310,000	\$	62,310.00	\$	0.2010	\$	62,310.00		Sequent
	TRANSCO	3-6	N	310,000	\$	18,600.00	\$	0.0600	\$	18,600.00		Tenaska
	TRANSCO	3-6	N	310,000	\$	17,081.00	\$	0.0551	\$	17,081.00		Macquire Energy LLC
				1,845,709					\$	272,053.83		
August-14	TETCO	ELA - M-3	N	77,500	\$	11,625.00	\$	0.1500	\$	11,625.00		Seq Ener mgm
	TETCO	STX - M-3	N	124,000		19,468.00	\$	0.1570	\$	19,468.00		Infinite Ene
	TETCO	STX - M-3	N	155,000	\$	34,100.00	\$	0.2200	\$	34,100.00		Exelon
	TETCO	ELA - M-3	N	31,000	\$	7,905.00	\$	0.2550	\$	7,905.00		Rainbow Ener
	TETCO	WLA - M-3	N	155,000	\$	34,100.00	\$	0.2200	\$	34,100.00		Exelon
	TETCO	WLA - M-3	N	155,000	\$	43,400.00	\$	0.2800	\$	43,400.00		Emera En Ser
	TETCO	ELA - M-3	N	64,418	\$	26,772.12	\$	0.4156	\$	26,772.12		CNE
	TETCO	WLA - M-3	N	118,079	\$	49,073.64	\$	0.4156	\$	49,073.64		Direct En Mk
	TETCO	WLA - M-3	N	17,918	\$	7,446.72	\$	0.4156	\$	7,446.72		Sprague
	TETCO	ELA - M-3	N	1,798	\$	747.24	\$	0.4156	\$	747.24		So Jersey
	TETCO	WLA - M-3	N	93,651	\$	38,921.36	\$	0.4156	\$	38,921.36		UGI
	TETCO	WLA - M-3	N	2,387	\$	992.03	\$	0.4156	\$	992.03		PPL
	TETCO	ELA - M-3	N	232,500	\$	34,177.50	\$	0.1470	\$	34,177.50		Seq Ener mgm
	TETCO	ELA - M-3	N	486,948	\$	78,398.63	\$	0.1610	\$	78,398.63		BP Energy
	TETCO	STX - M-3	N	558,000	\$	150,883.17	\$	0.2704	\$	150,883.17		Grays Ferry
	TETCO	STX - M-3	N	558,000	\$	150,883.17	\$	0.2704	\$	150,883.17		Grays Ferry
				2,831,199					\$	688,893.58		

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

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

	PIPELINE	PATH	RECALL STATUS	VOLUME DTH	MONTHLY CREDIT	CREDIT DTH	TOTAL CREDIT	REPLACEMENT SHIPPER
	TRANSCO	3-6	N	155,000	\$ 6,355.00	\$ 0.0410	\$ 6,355.00	WGL Midstream
	TRANSCO	3-6	N	155,000	\$ 3,255.00	\$ 0.0210	\$ 3,255.00	Williams Energy Resource
	TRANSCO	3-6	N	1,829	\$ 842.58	\$ 0.4607	\$ 842.58	South Jersey Resources
	TRANSCO	3-6	N	2,418	\$ 1,114.14	\$ 0.4608	\$ 1,114.14	PPL
	TRANSCO	3-6	N	17,918	\$ 8,254.37	\$ 0.4607	\$ 8,254.37	Sprague
	TRANSCO	3-6	N	64,449	\$ 29,690.25	\$ 0.4607	\$ 29,690.25	CNE Gas Supply
	TRANSCO	3-6	N	93,651	\$ 43,143.01	\$ 0.4607	\$ 43,143.01	UGI Energy
	TRANSCO	3-6	N	118,079	\$ 54,396.63	\$ 0.4607	\$ 54,396.63	Direct Energy Business
	TRANSCO	3-6	N	155,000	\$ 24,335.00	\$ 0.1570	\$ 24,335.00	Infinite
	TRANSCO	3-6	N	155,000	\$ 3,890.50	\$ 0.0251	\$ 3,890.50	South Jersey Resources
	TRANSCO	3-6	N	310,000	\$ 62,310.00	\$ 0.2010	\$ 62,310.00	Sequent
	TRANSCO	3-6	N	310,000	\$ 18,600.00	\$ 0.0600	\$ 18,600.00	Tenaska
	TRANSCO	3-6	N	310,000	\$ 17,081.00	\$ 0.0551	\$ 17,081.00	Macquarie
				1,848,344			\$ 273,267.48	
September-14	TETCO	ELA - M-3	N	120,000	\$ 18,840.00	\$ 0.1570	\$ 18,840.00	Infinite
	TETCO	ELA - M-3	N	150,000	\$ 33,000.00	\$ 0.2200	\$ 33,000.00	Exelon Gener
	TETCO	ELA - M-3	N	30,000	\$ 7,650.00	\$ 0.2550	\$ 7,650.00	Rainbow Ener
	TETCO	ELA - M-3	N	150,000	\$ 33,000.00	\$ 0.2200	\$ 33,000.00	Exelon Gener
	TETCO	STX - M-3	N	41,370	\$ 17,193.36	\$ 0.4156	\$ 17,193.36	CNE
	TETCO	ELA - M-3	N	18,930	\$ 7,867.32	\$ 0.4156	\$ 7,867.32	Sprague
	TETCO	STX - M-3	N	123,390	\$ 51,280.88	\$ 0.4156	\$ 51,280.88	Direct En Mk
	TETCO	STX - M-3	N	92,340	\$ 38,376.51	\$ 0.4156	\$ 38,376.51	UGI
	TETCO	STX - M-3	N	150,000	\$ 33,915.00	\$ 0.2281	\$ 33,915.00	Nat Ener LP
	TETCO	STX - M-3	N	2,250	\$ 935.11	\$ 0.4156	\$ 935.11	PPL
	TETCO	STX - M-3	N	2,340	\$ 972.51	\$ 0.4156	\$ 972.51	So Jersey
	TETCO	STX - M-3	N	471,240	\$ 155,509.20	\$ 0.3300	\$ 155,509.20	J Aron & Co
	TETCO	STX - M-3	N	225,000	\$ 52,425.00	\$ 0.2330	\$ 52,425.00	So Jersey
	TETCO	STX - M-3	N	540,000	\$ 131,274.11	\$ 0.2431	\$ 131,274.11	Grays Ferry
	TETCO	STX - M-3	N	540,000	\$ 131,274.11	\$ 0.2431	\$ 131,274.11	Grays Ferry
				2,656,880			\$ 713,513.11	
	TRANSCO	3-6	N	150,000	\$ 6,150.00	\$ 0.0410	\$ 6,150.00	WGL Midstream
	TRANSCO	3-6	N	150,000	\$ 3,150.00	\$ 0.0210	\$ 3,150.00	Williams Enegy Resource
	TRANSCO	3-6	N	2,250	\$ 1,036.50	\$ 0.4607	\$ 1,036.50	PPL
	TRANSCO	3-6	N	2,370	\$ 1,091.70	\$ 0.4606	\$ 1,091.70	South Jersey
	TRANSCO	3-6	N	18,930	\$ 8,720.70	\$ 0.4607	\$ 8,720.70	Sprague
	TRANSCO	3-6	N	41,400	\$ 19,072.20	\$ 0.4607	\$ 19,072.20	CNE
	TRANSCO	3-6	N	92,340	\$ 42,539.40	\$ 0.4607	\$ 42,539.40	UGI
	TRANSCO	3-6	N	123,390	\$ 56,843.10	\$ 0.4607	\$ 56,843.10	Direct Energy Business
	TRANSCO	3-6	N	150,000	\$ 23,550.00	\$ 0.1570	\$ 23,550.00	Infinite
	TRANSCO	3-6	N	300,000	\$ 18,000.00	\$ 0.0600	\$ 18,000.00	Tenaska
	TRANSCO	3-6	N	300,000	\$ 16,530.00	\$ 0.0551	\$ 16,530.00	Macquarie
	TRANSCO	3-6	N	300,000	\$ 10,500.00	\$ 0.0350	\$ 10,500.00	Tenaska
	TRANSCO	3-6	N	300,000	\$ 10,500.00	\$ 0.0350	\$ 10,500.00	Tenaska
				1,930,680			\$ 217,683.60	

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

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

October-14	PIPELINE	PATH	RECALL STATUS	VOLUME DTH	MONTHLY CREDIT	CREDIT DTH	TOTAL CREDIT	REPLACEMENT SHIPPER
	TETCO	ELA - M-3	N	124,000	\$ 19,468.00	\$ 0.1570	\$ 19,468.00	Infinite
	TETCO	ELA - M-3	N	155,000	\$ 35,045.50	\$ 0.2261	\$ 35,045.50	Nat Ener LP
	TETCO	STX - M-3	N	58,993	\$ 24,517.49	\$ 0.4156	\$ 24,517.49	CNE
	TETCO	STX - M-3	N	120,435	\$ 50,052.79	\$ 0.4156	\$ 50,052.79	Direct En Mk
	TETCO	STX - M-3	N	2,170	\$ 901.84	\$ 0.4156	\$ 901.84	So Jersey
	TETCO	WLA - M-3	N	87,699	\$ 36,447.69	\$ 0.4156	\$ 36,447.69	UGI Energy
	TETCO	WLA - M-3	N	17,391	\$ 7,227.70	\$ 0.4156	\$ 7,227.70	Sprague
	TETCO	WLA - M-3	N	2,418	\$ 1,004.92	\$ 0.4156	\$ 1,004.92	PPL
	TETCO	WLA - M-3	N	486,948	\$ 78,398.63	\$ 0.1610	\$ 78,398.63	BP Energy
	TETCO	WLA - M-3	N	486,948	\$ 160,692.84	\$ 0.3300	\$ 160,692.84	J Aron & Co
	TETCO	WLA - M-3	N	7,500	\$ 1,747.50	\$ 0.2330	\$ 1,747.50	So Jersey
	TETCO	WLA - M-3	N	225,000	\$ 52,425.00	\$ 0.2330	\$ 52,425.00	So Jersey
	TETCO	WLA - M-3	N	558,000	\$ 139,500.00	\$ 0.2500	\$ 139,500.00	Exelon
	TETCO	WLA - M-3	N	558,000	\$ 140,058.00	\$ 0.2510	\$ 140,058.00	BP Energy
				2,890,502			\$ 747,487.90	
	TRANSCO	3-6	N	562	\$ 258.90	\$ 0.4607	\$ 2,340.50	Sprague
	TRANSCO	3-6	N	155,000	\$ 6,355.00	\$ 0.0410	\$ 6,355.00	WGL Midstream
	TRANSCO	3-6	N	2,170	\$ 999.75	\$ 0.4607	\$ 999.75	So Jersey
	TRANSCO	3-6	N	2,418	\$ 1,114.14	\$ 0.4608	\$ 1,114.14	PPL
	TRANSCO	3-6	N	59,024	\$ 27,191.34	\$ 0.4607	\$ 27,191.34	CNE
	TRANSCO	3-6	N	90,799	\$ 41,829.23	\$ 0.4607	\$ 41,829.23	UGI
	TRANSCO	3-6	N	120,435	\$ 55,481.94	\$ 0.4607	\$ 55,481.94	Direct Energy Business
	TRANSCO	3-6	N	155,000	\$ 24,335.00	\$ 0.1570	\$ 24,335.00	Infinite
	TRANSCO	3-6	N	310,000	\$ 18,600.00	\$ 0.0600	\$ 18,600.00	Tenaska
	TRANSCO	3-6	N	310,000	\$ 10,850.00	\$ 0.0350	\$ 10,850.00	Tenaska
	TRANSCO	3-6	N	310,000	\$ 10,850.00	\$ 0.0350	\$ 10,850.00	Tenaska
				1,515,408			\$ 199,946.90	
November-14	TETCO	ELA - M-3	N	42,360	\$ 17,604.81	\$ 0.4156	\$ 17,604.81	CNE Gas Sup
	TETCO	ELA - M-3	N	91,770	\$ 38,139.60	\$ 0.4156	\$ 38,139.60	UGI Energy
	TETCO	ELA - M-3	N	125,970	\$ 52,353.12	\$ 0.4156	\$ 52,353.12	Direct En Mk
	TETCO	STX - M-3	N	19,110	\$ 7,942.12	\$ 0.4156	\$ 7,942.12	Sprague Ope
	TETCO	ELA - M-3	N	2,250	\$ 935.11	\$ 0.4156	\$ 935.11	PPL
	TETCO	ELA - M-3	N	2,610	\$ 1,084.72	\$ 0.4156	\$ 1,084.72	So Jersey
	TETCO	ELA - M-3	N	352	\$ 146.30	\$ 0.4156	\$ 146.30	Cima
	TETCO	ELA - M-3	N	471,240	\$ 461,815.20	\$ 0.9800	\$ 461,815.20	DTE Energy
	TETCO	ELA - M-3	N	225,000	\$ 270,000.00	\$ 1.2000	\$ 270,000.00	DTE Energy
				980,662			\$ 850,020.98	
	TRANSCO	3-6	N	150,000	\$ 5,250.00	\$ 0.0350	\$ 5,250.00	Tenaska
	TRANSCO	3-6	N	150,000	\$ 4,500.00	\$ 0.0300	\$ 4,500.00	Tenaska
	TRANSCO	3-6	N	2,250	\$ 1,036.50	\$ 0.4607	\$ 1,036.50	PPL
	TRANSCO	3-6	N	2,640	\$ 50,644.50	\$ 19.1835	\$ 50,644.50	Hess
	TRANSCO	3-6	N	99,450	\$ 1,216.20	\$ 0.0122	\$ 1,216.20	South Jersey
	TRANSCO	3-6	N	19,110	\$ 8,803.50	\$ 0.4607	\$ 8,803.50	Sprague
	TRANSCO	3-6	N	42,390	\$ 19,528.20	\$ 0.4607	\$ 19,528.20	CNE
	TRANSCO	3-6	N	91,770	\$ 42,276.60	\$ 0.4607	\$ 42,276.60	UGI
	TRANSCO	3-6	N	125,970	\$ 58,032.00	\$ 0.4607	\$ 58,032.00	Direct Energy Business
	TRANSCO	3-6	N	300,000	\$ 156,000.00	\$ 0.5200	\$ 156,000.00	DTE Energy
	TRANSCO	3-6	N	693	\$ 319.22	\$ 0.4606	\$ 319.22	CIMA Energy
	TRANSCO	3-6	N	175,000	\$ 318,675.00	\$ 1.8210	\$ 318,675.00	VA Power
				1,159,273			\$ 666,281.72	
December-13	TETCO	ELA - M-3	N	43,896	\$ 18,243.19	\$ 0.4156	\$ 18,243.19	CNE
	TETCO	ELA - M-3	N	113,765	\$ 55,592.73	\$ 0.4887	\$ 55,592.73	Direct En Mk
	TETCO	ELA - M-3	N	19,747	\$ 8,206.85	\$ 0.4156	\$ 8,206.85	Sprague
	TETCO	ELA - M-3	N	95,852	\$ 39,836.10	\$ 0.4156	\$ 39,836.10	UGI
	TETCO	ELA - M-3	N	2,759	\$ 1,146.64	\$ 0.4156	\$ 1,146.64	So Jersey
	TETCO	ELA - M-3	N	232,500	\$ 966.28	\$ 0.0042	\$ 966.28	PPL
	TETCO	ELA - M-3	N	1,612	\$ 669.94	\$ 0.4156	\$ 669.94	CIMA
	TETCO	ELA - M-3	N	40,000	\$ 7,040.00	\$ 0.1760	\$ 7,040.00	Colonial
	TETCO	ELA - M-3	N	486,948	\$ 477,209.04	\$ 0.9800	\$ 477,209.04	DTE Energy
	TETCO	ELA - M-3	N	232,500	\$ 279,000.00	\$ 1.2000	\$ 279,000.00	DTE Energy
				1,269,579			\$ 887,910.77	
	TRANSCO	3-6	N	155,000	\$ 5,425.00	\$ 0.0350	\$ 5,425.00	Tenaska
	TRANSCO	3-6	N	155,000	\$ 4,650.00	\$ 0.0300	\$ 4,650.00	Tenaska
	TRANSCO	3-6	N	1,612	\$ 742.76	\$ 0.4608	\$ 742.76	Cima Enegy
	TRANSCO	3-6	N	2,325	\$ 1,071.05	\$ 0.4607	\$ 1,071.05	PPL
	TRANSCO	3-6	N	2,759	\$ 1,271.00	\$ 0.4607	\$ 1,271.00	South Jersey
	TRANSCO	3-6	N	19,747	\$ 9,096.95	\$ 0.4607	\$ 9,096.95	Sprague
	TRANSCO	3-6	N	95,852	\$ 44,157.02	\$ 0.4607	\$ 44,157.02	UGI
	TRANSCO	3-6	N	133,796	\$ 61,636.99	\$ 0.4607	\$ 61,636.99	Direct Energy
	TRANSCO	3-6	N	310,000	\$ 161,200.00	\$ 0.5200	\$ 161,200.00	DTE
	TRANSCO	3-6	N	43,896	\$ 20,221.92	\$ 0.4607	\$ 20,221.92	CNE
				919,987			\$ 309,472.69	

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 2014 - December 2014

MTR_NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL_CCF	Max Daily Qty (Dth)
1,457,534	115,751	98,138	88,318	35,234	-	-	-	-	-	16,535	74,094	86,156	514,226	287
2,026,784	10,215	10,479	8,842	4,295	1,912	563	487	501	609	2,597	7,131	8,672	56,303	420
2,024,683	31,430	26,668	25,465	12,941	2,342	1,917	1,751	1,808	1,875	7,624	22,727	27,260	163,807	360
1,533,333	18,470	16,420	14,558	4,490	-	-	11	-	32	1,592	10,967	13,447	79,987	706
1,611,639	15,102	10,477	7,380	1,420	-	-	-	-	53	107	5,030	9,003	48,573	1,465
1,519,033	28,323	24,999	23,479	12,100	594	525	489	-	-	3,479	17,789	22,898	134,676	994
1,305,000	211,610	183,640	175,779	124,346	114,470	108,432	107,192	107,094	108,225	116,413	148,283	162,572	1,668,056	400
1,571,006	13,539	10,268	8,574	1,683	-	-	-	-	-	431	6,964	9,657	51,117	348
1,571,005	19,799	15,969	12,866	3,103	200	-	-	-	11	747	9,142	11,951	73,787	1,032
2,027,533	19,654	16,633	18,015	6,013	16	3	-	-	-	3,936	14,293	14,759	93,323	58
1,987,805	15,354	13,024	11,193	3,890	449	417	398	410	417	1,590	7,602	10,454	65,198	340
1,724,005	29,029	25,502	27,723	26,642	27,237	26,403	26,887	27,461	27,266	28,571	26,188	26,532	325,439	452
2,027,459	31,521	25,568	31,940	27,095	25,895	25,362	27,592	27,498	26,215	26,101	27,981	28,086	330,854	417
2,035,554	4,896	4,423	4,241	2,186	988	754	683	676	698	1,422	3,497	4,210	28,674	240
2,123,525	20,540	22,700	16,520	6,580	-	-	10	-	-	830	18,150	21,360	106,690	81
1,553,337	32,850	26,820	24,020	4,580	-	-	-	-	-	640	21,050	27,370	137,330	720
2,064,975	19,780	17,790	19,369	19,387	18,225	17,582	16,428	16,249	17,593	19,469	18,271	20,863	221,005	200
1,724,226	73,008	71,033	71,925	60,178	57,150	54,896	54,834	56,471	35,481	60,899	65,125	68,906	729,906	200
2,027,375	24,267	21,745	20,452	11,263	5,316	3,866	3,312	3,393	3,552	6,120	14,823	18,497	136,606	180
2,035,210	3,736	3,295	2,932	1,048	98	-	-	-	18	282	1,949	2,678	16,036	403
2,035,366	3,584	2,846	2,554	921	43	1	-	-	17	205	2,163	3,635	15,969	311
1,989,426	33,970	28,754	28,693	11,376	2,880	2,703	2,456	2,524	2,626	6,516	21,259	28,909	172,666	383
2,024,644	8,046	7,637	6,573	2,863	1,424	1,313	1,253	1,309	1,373	2,222	5,546	7,420	46,979	340
1,389,590	68,430	58,110	16,930	17,580	30,760	23,300	21,970	19,890	19,790	29,930	43,610	57,300	407,600	200
1,723,873	4,886	4,839	3,957	1,074	150	53	49	38	-	396	3,401	4,354	23,197	958
1,526,465	22,779	19,160	18,185	9,560	5,242	3,911	3,031	2,750	2,838	4,855	14,180	18,603	125,096	407
2,064,976	13,422	19,982	19,946	6,588	-	-	-	-	-	3,502	13,436	16,037	92,912	172
1,989,652	28,619	23,746	18,057	9,239	6,474	4,659	4,366	4,457	4,535	5,558	11,287	13,700	134,694	226
2,035,356	2,954	2,583	2,404	769	-	-	-	-	-	553	1,644	2,371	13,278	31
2,024,712	18,650	16,184	12,034	1,273	-	-	-	-	-	22	9,359	13,752	71,274	120
2,023,951	39,112	30,572	16,525	2,440	-	-	-	-	-	-	15,541	23,751	127,940	1,833
1,553,331	69,837	58,526	50,698	17,793	1,399	983	1,324	1,068	1,089	6,355	38,213	49,908	297,192	300
2,070,260	4,628	3,934	4,109	2,509	301	-	-	-	-	677	3,253	3,817	23,229	958
2,070,249	4,086	3,426	3,610	2,063	204	17	17	17	17	328	2,312	3,039	19,135	336
2,070,271	4,415	3,728	3,596	2,004	196	-	-	-	486	1,184	2,847	3,530	21,986	419
2,070,242	4,673	2,489	2,222	928	65	-	-	-	-	257	1,596	2,146	14,376	302
2,025,139	14,091	12,463	11,860	4,828	-	-	-	-	-	2,733	10,534	13,695	70,204	408
1,987,495	12,710	15,160	15,018	15,119	14,608	12,355	9,491	12,433	11,598	13,895	11,277	11,220	154,885	216
1,884,506	13,522	11,642	8,477	1,808	-	-	-	-	104	425	3,686	6,913	46,577	266
1,756,663	89,615	73,847	59,818	9,016	209	-	-	-	-	2,405	42,098	58,536	335,546	223
1,658,879	13,890	11,180	9,610	5,170	1,830	1,480	1,450	1,240	1,150	2,440	6,740	8,120	64,300	360
1,724,853	47,761	43,674	37,825	15,877	1,450	-	-	-	-	8,766	20,850	32,430	208,633	144
2,024,307	16,291	13,652	12,384	4,171	26	-	-	-	-	576	9,051	11,973	68,124	360
1,546,140	80,604	-	72,196	-	6,933	9,805	12,782	19,325	43,711	17,947	50,454	59,143	372,900	600
1,921,578	7,697	5,317	5,694	1,908	1,370	1,551	1,452	1,324	2,776	3,286	5,725	6,249	44,349	81
2,027,635	5,097	4,694	4,177	2,410	2,402	2,788	2,926	2,733	2,636	2,349	2,802	3,448	38,462	500
2,026,838	19,747	15,490	13,872	3,954	-	39	-	1	9	2,108	11,398	14,363	80,982	946
2,157,700	66,775	57,440	53,040	44,439	36,992	29,789	31,698	32,195	34,866	44,624	52,802	56,577	541,237	2,847
2,012,886	6,194	5,432	5,043	2,342	26	-	-	-	5	1,025	3,677	4,649	28,392	75
1,621,317	377,562	342,851	326,639	251,215	319,876	153,643	285,963	330,671	287,665	246,045	270,490	307,009	3,499,629	92
2,090,400	137,288	113,715	103,477	74,663	76,792	151,122	136,575	82,398	72,814	73,638	147,626	160,569	1,330,676	419
1,987,797	15,363	13,769	13,481	9,227	8,122	7,450	7,664	7,339	7,985	9,307	9,926	12,914	122,545	302
1,987,777	9,781	8,616	9,434	8,153	7,422	6,740	6,720	6,588	7,554	10,065	9,082	10,844	100,997	43
1,884,577	37,296	28,392	26,530	6,643	226	-	-	-	13	2,378	17,951	30,341	149,770	624
1,377,228	18,637	16,475	14,281	5,666	-	-	-	-	-	2,565	12,612	15,269	85,505	622
2,115,837	25,953	21,760	20,412	14,941	10,973	7,360	6,665	7,382	8,867	13,394	19,679	22,557	179,942	782
2,027,531	38,716	28,643	16,419	7,369	350	-	-	-	-	2,513	13,983	16,500	124,493	3,128
1,685,273	28,828	25,077	22,016	10,704	3,684	2,022	1,880	1,941	2,192	6,607	18,737	22,941	146,630	782
1,906,625	11,764	10,107	10,838	10,022	7,944	8,103	7,599	7,041	7,538	8,114	8,687	10,809	108,565	30
1,724,008	38,830	32,250	32,864	27,638	24,540	21,510	19,926	20,981	21,176	25,818	33,376	37,599	336,508	522
2,027,477	5,270	4,734	5,046	4,522	3,604	3,137	2,949	3,031	3,465	3,179	3,295	3,564	45,796	162
2,036,147	8,093	6,472	5,572	1,961	-	-	-	-	-	987	5,774	6,400	35,259	312
2,024,704	15,218	11,071	8,587	4,260	2,408	1,114	1	-	1,366	2,467	6,878	10,129	63,499	313
2,157,692	77,031	71,849	66,338	25,984	12,639	10,581	8,774	8,805	10,641	13,828	57,017	64,633	428,121	852
2,024,705	19,338	15,368	14,781	7,846	5,111	4,473	4,563	4,930	5,200	6,924	11,610	14,160	114,304	522
1,806,076	78,868	64,186	56,943	26,679	15,005	15,328	14,252	17,057	16,263	16,841	43,532	54,552	419,507	374
2,035,943	5,070	4,610	4,111	2,641	2,131	2,198	2,202	2,144	2,321	2,283	3,282	3,961	36,953	240
1,921,575	19,272	18,931	13,221	2,977	374	-	-	-	69	966	6,142	7,652	69,603	281
2,024,648	28,480	24,742	27,159	20,420	16,955	14,432	15,385	15,342	16,571	18,509	22,335	25,018	245,349	490
2,027,544	28,160	23,457	24,461	20,382	15,682	16,292	16,788	14,143	16,949	17,181	16,611	19,251	229,355	64
2,027,406	30,699	25,488	26,779	22,697	17,337	18,223	18,963	15,989	19,164	19,250	18,215	21,475	254,278	209
2,115,543	5,333	4,895	4,570	1,575	65	-	-	-	3	917	3,790	4,450	25,597	64
1,320,010	44,140	42,110	48,800	38,920	36,010	37,420	41,440	37,240	33,510	39,230	29,220	40,360	468,400	383
2,026,758	14,807	12,337	11,557	714	-	-	-	-	-	507	11,155	14,812	65,889	6
2,094,623	82,304	73,641	86,318	83,132	80,196	76,490	80,531	87,486	87,857	91,518	78,843	90,965	999,281	1,046
1,806,092	38,269	37,429	41,872	37,473	39,227	36,254	36,917	31,876	29,462	31,361	34,595	39,483	434,220	384
1,987,500	55,650	48,560	42,626	4,735	-	-	-	-	-	1,069	34,763	45,831	233,234	479
2,027,401	12,073	10,538	10,238	6,645	4,849	4,360	3,575	4,428	5,297	5,451	7,983	8,503	83,940	305
2,027,402	14,658	12,731	12,335	8,068	5,820	5,294	4,474	5,479	6,694	6,768	9,889	10,376	102,586	707
1,658,880														

1,724,001	20,950	17,940	13,200	1,930	-	-	-	-	-	1,070	12,180	12,580	79,850	173
1,658,881	31,356	27,095	25,936	9,633	251	-	-	-	-	6,264	20,343	23,889	144,767	403
2,036,188	33,672	26,251	20,458	11,090	10,783	12,312	13,132	12,305	11,418	11,077	11,453	19,702	193,653	1,300
2,035,891	8,305	7,611	7,795	5,702	3,391	1,864	2,234	2,121	2,116	4,034	5,088	6,962	57,223	591
1,989,625	6,730	5,726	4,689	516	-	-	-	-	-	33	3,494	6,270	27,458	454
1,921,579	7,545	5,676	5,188	3,448	2,227	1,247	910	1,107	1,570	2,975	4,418	4,260	40,570	843
1,909,351	7,972	6,536	6,149	2,789	25	-	-	-	-	1,185	5,345	6,523	36,524	504
2,115,597	14,303	10,627	9,554	3,679	-	-	-	54	-	2,490	8,317	10,927	59,951	172
2,024,715	41,773	30,501	23,883	4,994	1	-	-	-	-	485	21,115	22,825	145,578	503
2,035,967	4,266	4,066	4,213	4,676	5,152	4,861	4,514	4,414	4,461	5,197	4,610	5,325	55,754	685
2,024,851	21,882	18,853	17,217	7,899	389	-	-	-	9	2,510	13,725	17,101	99,584	244
2,025,158	31,194	31,776	35,649	12,698	19	-	-	-	370	2,218	8,345	13,374	135,642	626
1,356,069	82,567	73,246	72,469	46,852	38,552	26,539	25,314	26,758	25,619	32,751	59,118	74,160	583,944	556
1,724,011	15,640	14,915	7,718	1,977	73	-	-	-	11	596	4,282	6,745	51,957	907
2,023,840	6,332	5,364	5,227	3,542	1,380	920	838	852	851	2,181	4,486	5,173	37,146	934
1,658,873	22,021	20,855	14,405	3,024	-	-	-	-	53	1,206	6,054	11,393	79,011	1,400
2,036,167	21,798	17,460	16,211	7,287	437	-	2	-	-	2,825	12,989	15,365	94,375	4,372
1,806,077	84,262	69,972	68,051	39,625	3,543	2,935	2,766	2,559	2,870	15,312	56,111	65,209	413,215	277
2,025,150	8,581	7,273	6,051	1,427	123	-	-	-	6	1,570	4,456	6,452	35,939	178
2,116,171	-	-	-	-	-	-	-	-	-	-	-	28,040	28,040	1,252
2,116,174	-	-	-	-	-	-	-	-	-	-	-	51,200	51,200	1,252
1,393,689	49,740	51,679	52,895	37,494	18,581	8,735	8,433	12,206	17,126	34,987	50,317	56,887	399,081	859
1,989,428	75,654	63,430	58,942	34,476	24,303	16,324	9,714	9,149	11,873	26,584	47,406	53,524	431,377	302
2,035,975	14,597	12,814	13,985	10,349	10,258	8,690	8,398	8,156	9,140	10,359	10,408	12,837	129,992	554
1,826,816	9,527	7,412	6,119	3,633	664	-	-	-	-	1,664	5,595	7,219	41,833	703
2,123,526	34,250	32,829	28,580	14,410	14,060	6,940	3,060	2,190	1,880	3,230	11,850	15,230	168,509	305
2,115,553	18,305	16,184	19,564	18,090	17,829	14,728	17,650	17,801	17,645	18,673	18,529	19,327	214,325	605
2,027,599	9,372	8,936	8,003	4,303	3,745	2,905	1,816	2,747	2,734	3,327	4,276	4,715	56,879	123
1,723,898	59,789	40,793	35,743	5,446	-	-	-	-	-	7,592	25,977	36,867	212,208	424
1,393,761	34,074	29,387	30,778	24,669	20,131	16,346	17,824	18,410	18,323	20,285	23,509	27,061	280,796	204
2,064,973	51,155	57,596	58,539	49,149	37,614	31,424	32,612	36,886	35,876	45,430	53,290	63,471	553,042	424
2,115,843	26,230	15,834	15,695	227	-	-	-	-	-	26	12,883	22,540	93,436	163
1,526,471	65,200	55,886	53,953	28,563	17,485	13,550	12,923	12,942	13,393	18,620	43,929	48,351	384,796	324
1,987,785	9,078	6,573	6,587	4,935	1,948	1,099	1,043	1,049	1,104	3,192	5,511	6,170	48,289	120
1,884,513	9,150	7,594	6,937	3,863	3,219	3,006	2,730	2,639	2,919	3,021	5,382	6,497	56,957	241
1,884,573	43,352	39,628	30,802	7,852	-	-	-	-	-	1,777	13,391	20,666	157,469	698
1,611,640	15,470	16,050	11,760	1,980	200	-	-	-	-	430	7,560	8,860	62,310	240
2,116,154	13,417	12,343	13,235	11,176	9,648	12,979	5,231	8,530	9,631	7,226	8,710	11,957	124,083	141
1,921,703	38,890	34,520	33,320	12,800	630	-	-	-	-	5,710	20,830	25,850	172,550	400
2,024,703	19,102	17,773	15,102	6,065	175	-	-	-	-	2,400	11,526	16,679	88,823	389
1,374,187	43,363	40,257	31,434	4,192	-	-	-	-	-	1,145	19,980	25,782	166,153	565
1,724,240	14,562	11,859	9,153	2,477	34	-	-	-	-	769	7,986	6,449	53,290	703
1,514,012	19,404	13,343	11,933	3,389	480	11	11	-	21	1,186	8,227	10,111	68,116	264
1,526,424	9,920	7,830	6,140	2,190	40	-	-	-	20	750	4,310	5,820	37,020	418
2,023,947	12,232	9,906	9,606	6,090	2,272	4,124	3,953	3,783	3,794	4,987	7,634	8,236	76,617	418
2,133,386	2,222	1,682	1,482	431	-	-	-	-	1	193	837	1,090	7,938	495
1,724,003	33,520	27,420	26,260	14,580	6,220	4,960	4,460	4,310	4,030	6,100	16,020	21,610	169,490	305
1,526,437	123,600	100,649	78,262	36,930	15,109	11,308	7,870	959	11,588	32,279	68,972	83,212	570,739	449
1,621,318	38,394	31,837	24,641	4,461	-	-	-	-	-	93	20,189	16,324	135,940	550
1,909,301	10,013,580	9,558,450	10,413,190	5,206,780	8,050,060	8,445,990	7,970,300	7,567,260	7,899,030	7,458,720	9,989,520	10,986,570	103,559,450	
2,027,485	42,578	38,263	36,597	18,564	6,695	4,635	4,007	4,226	4,871	6,238	30,362	35,300	232,336	1,461
2,023,712	4,342	3,414	3,404	999	-	-	-	-	-	472	1,887	2,250	16,768	1,461
2,025,166	6,173	5,650	4,189	738	-	-	-	-	3	80	2,341	3,938	23,113	192
1,987,812	13,280	12,030	10,690	2,130	90	-	-	-	-	790	9,120	10,830	58,960	1,046
2,012,861	5,720	5,313	4,935	3,839	2,132	1,413	1,218	1,336	1,678	2,677	4,078	4,235	38,574	1,380
1,526,421	17,528	13,720	12,114	3,852	518	-	-	-	33	1,830	9,537	11,315	70,447	927
2,115,067	4,450	3,516	4,349	1,864	38	-	146	192	212	146	2,795	5,262	22,970	316
1,826,506	7,363	6,181	6,177	4,008	4,486	2,934	3,517	3,581	4,191	4,379	4,697	5,363	56,877	302
2,116,016	4,421	3,798	3,508	1,668	162	-	-	-	-	279	1,967	2,504	18,307	5,500
2,132,966	5,810	5,450	5,095	1,371	584	641	569	622	648	1,394	3,878	4,680	30,742	5,500
2,027,423	6,524	5,684	4,880	2,483	3	1	-	-	-	730	3,546	4,862	28,713	1,709
1,723,876	15,767	12,789	11,248	5,291	361	-	-	-	-	2,645	8,932	11,425	68,458	151
1,546,143	17,992	14,838	12,480	2,316	-	-	31	424	1,758	4,457	9,802	12,046	76,144	605
2,025,049	5,582	4,597	4,547	2,963	2,907	2,567	2,332	2,241	2,005	2,556	3,385	3,832	39,515	277
1,546,132	91,676	85,135	81,808	84,308	58,776	65,440	87,662	94,346	86,926	81,578	89,576	90,230	997,461	63
1,582,085	2,521,641	2,194,667	2,600,789	2,429,063	2,248,953	2,082,603	2,252,528	2,397,306	2,291,030	2,172,320	2,416,210	2,648,484	28,253,594	130
1,884,510	34,188	28,310	25,195	12,697	6,317	5,530	5,061	5,474	5,842	7,571	18,618	22,320	177,122	34
1,826,874	12,875	11,108	13,046	8,959	7,437	8,037	7,423	6,674	6,911	7,488	9,349	11,145	110,452	114
2,023,831	3,989	3,726	3,477	3,016	2,853	2,421	2,589	2,266	2,111	2,844	-	2,900	32,192	89
2,025,178	17,400	14,831	14,095	9,851	6,822	5,943	5,077	5,526	5,959	6,534	11,845	14,632	118,515	149
1,582,087	26,284	21,445	17,961	5,377	-	-	-	-	-	227	12,449	15,903	99,647	676
1,685,278	53,335	38,870	35,621	12,652	4,852	2,632	2,612	2,721	2,736	6,753	27,692	31,282	221,758	133
1,658,878	56,243	43,304	33,308	9,349	-	11	11	-	-	3,578	24,810	34,023	204,639	1,222
2,115,590	-	466,726	201,788	169,129	150,166	149,274	146,265	136,149	111,467	152,989	163,813	170,692	2,018,458	644
2,115,595	47,507	23,286	7,095	4,057	2,420	5,566	7,974	6,335	4,563	1,064	1	5,925	115,792	301
1,406,184	15,251	12,605	9,190	2,407	-	-	11	-	11	423	4,872	7,105	51,875	144
1,724,851	79,400	72,000	72,200	57,900	47,200	42,200	41,600	43,700	42,100	48,500	63,700	71,200	681,700	30
1,724,852	93,400	84,700	85,900	69,800	56,100	50,000	48,900	51,500	49,500	56,700	74,700	83,500	804,700	228
2,023,960	26,828	25,249	23,351	24,505	20,230	14,201	22,918	18,132	13,806	14,328	15,321	14,834	233,702	1,151
1,722,879	14,953	12,176	12,401	8,005	4,018	1,886	1,573	1,702	1,949	3,296	10,367	13,360	85,687	302
1,884,404	1,979	1,648	1,637	1,043	325	256	262	308	342	961	2,079	2,800	13,640	1,500
2,070,391	2,01													

2,027,625	4,975	5,396	4,178	1,466	503	198	161	312	665	802	2,841	4,138	25,635	1,565
1,519,038	65,506	57,935	52,444	27,922	17,303	8,481	7,491	10,196	18,099	19,713	42,045	54,646	381,781	58
2,027,560	6,376	6,600	6,147	5,115	2,275	1,579	1,222	1,644	1,929	3,397	6,298	6,042	48,623	432
2,024,645	9,787	9,728	8,834	5,783	1,266	569	601	881	1,662	5,010	10,951	11,355	66,426	313
2,116,156	19,175	17,922	15,485	6,933	3,139	2,261	1,980	1,741	2,178	3,308	11,160	13,440	98,723	76
2,025,149	8,413	6,607	4,946	2,705	1,620	1,074	1,112	1,337	2,108	2,213	3,213	3,440	38,786	14
2,036,151	10,326	8,962	9,037	4,628	398	-	-	-	-	988	6,566	9,490	50,396	202
2,064,880	5,961	5,763	6,051	3,754	2,918	2,109	2,587	3,189	3,148	2,340	2,359	3,508	43,687	115
2,023,958	38,035	34,436	26,164	12,611	979	-	-	-	-	2,968	16,070	20,687	151,949	397
2,024,684	9,769	9,820	5,968	1,529	-	-	-	-	-	802	3,804	8,666	40,359	281
2,116,148	13,098	11,983	11,754	6,464	2,189	1,353	1,180	1,364	1,414	3,454	7,174	9,632	71,059	500
2,064,974	37,811	30,078	20,644	3,602	-	-	-	-	-	2,212	15,323	21,139	130,809	456
1,397,885	13,361	14,786	9,467	2,449	104	-	-	-	-	1,476	5,418	7,350	54,412	237
1,420,497	121,516	111,466	104,791	75,049	66,137	69,931	70,323	67,244	66,047	66,935	80,352	94,451	994,241	2,847
2,012,880	10,332	10,156	9,318	4,407	1,646	922	792	804	1,066	1,831	4,915	6,555	52,743	396
1,724,854	109,090	106,136	101,157	63,593	47,514	39,267	49,245	55,965	55,269	65,187	85,795	92,378	870,596	240
1,426,742	29,700	25,834	23,474	15,186	11,920	1,194	371	2,337	5,081	9,265	16,945	22,257	163,564	272
1,356,078	39,018	43,206	36,560	9,426	-	-	-	-	-	3,061	30,087	42,087	203,444	3,432
2,116,158	23,480	26,780	23,154	3,118	-	-	-	-	11	3,322	20,973	23,188	124,026	2,169
2,116,159	33,830	36,810	31,630	12,194	-	-	-	-	21	2,959	11,705	14,427	143,577	170
2,133,065	7,293	5,796	4,454	1,186	-	-	-	-	5	1,002	5,676	6,834	32,246	269
1,397,886	13,565	12,460	7,560	1,486	-	-	-	-	-	383	5,184	5,145	45,784	320
1,378,232	14,345	13,134	8,453	1,528	31	-	-	-	-	506	5,105	6,277	49,380	720
1,480,546	12,332	7,912	9,962	3,538	136	-	-	-	-	960	8,430	11,370	54,639	136
2,027,510	8,655	6,196	8,053	7,964	7,114	854	-	-	521	8,179	7,507	6,754	61,797	215
1,954,681	59,153	50,485	48,430	27,192	19,589	13,949	13,615	15,139	16,050	9,638	38,365	49,760	361,364	127
2,027,454	10,282	7,727	6,973	2,862	775	-	-	2	-	1,920	6,110	7,427	44,078	127
2,035,408	3,388	2,895	3,076	751	23	-	-	-	-	43	1,530	1,959	13,665	127
1,685,269	23,690	21,830	24,170	17,710	17,580	14,770	13,680	17,780	21,710	24,070	23,720	28,560	249,270	216
2,116,004	6,400	5,807	5,352	1,677	-	-	-	-	-	899	4,049	6,020	30,204	103
1,756,662	71,123	67,075	70,209	57,041	-	-	96,960	54,080	56,350	59,390	50,210	43,990	626,428	84
1,921,701	83,109	74,284	73,684	32,384	-	-	58,000	30,190	30,870	34,550	53,800	68,630	539,501	354
1,921,701	83,109	74,284	73,684	32,384	-	-	33,426	30,190	30,870	34,550	53,800	68,630	514,928	1,380
1,756,662	71,123	67,075	70,209	57,041	-	-	54,597	54,080	56,350	59,390	50,210	43,990	584,066	1,380
2,123,495	15,516	13,956	13,748	8,134	2,992	-	-	2,152	1,638	5,110	8,981	11,008	83,235	120
1,987,815	80,627	69,993	62,452	33,192	18,556	13,904	13,958	14,132	15,088	25,242	50,439	56,066	453,648	131
1,724,010	21,330	22,549	24,805	21,492	20,565	20,191	20,788	20,172	22,476	22,877	21,985	23,868	263,098	76
1,826,561	8,227	7,221	7,108	3,460	1,281	881	795	821	841	1,956	5,260	7,508	45,358	132
2,035,839	7,390	6,380	5,816	2,858	1,648	1,225	1,569	1,485	1,017	1,908	4,489	5,592	41,377	112
1,756,664	46,384	44,825	37,476	2,074	-	-	-	-	-	1,166	18,140	27,289	177,354	346
1,921,700	60,431	55,458	42,265	11,990	826	11	-	-	420	8,962	31,054	47,298	258,714	549
2,025,107	11,887	9,627	7,961	2,356	-	1	-	-	21	-	5,454	6,993	44,301	576
2,116,161	224,368	195,830	184,007	61,541	104	-	424	-	533	961	119,913	181,563	969,244	518
2,157,680	77,051	63,510	61,134	50,773	45,139	44,057	36,320	36,542	38,861	48,551	58,235	66,482	626,654	267
2,036,180	18,580	2,697	28,752	43,006	39,855	33,182	33,392	32,603	37,024	37,557	48,773	56,032	411,454	1,362
1,884,579	8,194	6,862	5,798	1,767	-	-	-	-	-	1,723	4,774	5,775	34,892	174
1,685,272	157,199	54,578	51,431	22,522	2,919	-	-	-	-	9,293	39,634	45,459	383,034	174
1,987,814	559,314	480,900	473,767	498,953	496,635	490,401	463,407	495,036	535,014	521,327	534,549	394,890	5,944,192	174
1,658,883	49,806	34,562	28,605	2,705	-	-	-	-	108	1,467	20,885	26,049	164,188	111
2,157,699	-	-	-	-	-	-	-	-	-	-	-	26,914	26,914	20
2,025,174	7,876	6,847	6,901	5,396	4,878	4,356	4,313	4,333	4,153	4,791	5,754	6,686	66,285	78
1,452,606	37,408	32,842	30,490	16,461	1,500	-	-	-	-	7,145	25,072	29,434	180,351	480
1,601,879	95,840	89,900	92,770	85,960	75,200	68,010	68,560	48,070	44,500	40,320	37,780	40,720	787,630	782
1,906,514	1,105,000	974,370	981,450	866,430	803,140	850,890	742,990	892,390	870,940	947,430	1,025,910	1,000,040	11,060,980	
1,526,402	22,416	17,708	14,538	2,556	-	-	-	-	-	1,391	9,690	13,989	82,289	172
1,582,088	57,919	46,638	43,280	16,707	4,022	3,461	3,276	3,337	3,561	11,640	35,489	40,819	270,150	42
2,123,514	-	47,399	55,724	35,605	17,098	13,658	12,529	7,942	-	118	-	56,506	246,578	291
2,123,515	86,809	27,790	11,425	-	-	-	-	4,616	13,671	23,119	51,405	2,766	221,601	211
2,123,516	40,204	32,925	31,824	19,969	16,378	5,286	60,111	42,661	22,236	11,349	26,362	28,853	338,159	260
2,026,766	16,189	14,567	12,964	4,946	-	-	-	-	-	2,161	11,867	14,060	76,755	272
2,027,581	14,967	11,741	9,966	3,120	-	-	-	22	-	2,203	10,344	11,447	63,810	354
1,553,327	42,681	35,702	33,997	16,913	7,823	54	-	-	-	11,413	26,212	30,474	205,268	152
2,133,053	11,144	8,522	6,220	4,072	-	-	-	-	-	982	6,259	6,877	44,076	257
2,133,091	94,290	93,960	97,220	87,990	88,350	83,600	87,550	77,870	75,200	84,980	90,470	90,850	1,052,330	278
2,064,979	106,423	39,236	34,320	21,002	9,904	14,338	15,665	15,131	14,945	11,504	17,912	20,825	321,204	235
1,658,884	117,567	99,609	102,232	33,698	16,361	22,912	19,670	22,279	17,859	29,722	58,049	81,936	621,894	240
1,553,324	35,965	30,015	28,086	9,149	-	-	-	-	57	3,636	24,403	28,948	160,259	167
1,601,878	42,904	41,900	39,439	4,935	1,480	-	-	978	-	3,790	29,032	30,561	195,020	429
1,724,219	24,496	24,100	26,086	18,408	19,869	18,734	18,294	18,517	20,088	18,491	20,059	17,626	244,768	251
1,526,468	22,983	19,128	9,762	2,072	-	-	64	-	11	534	7,540	9,217	71,310	100
1,987,803	54,193	43,174	36,017	17,191	40,531	55,055	54,351	55,339	54,628	47,641	59,005	57,888	575,013	296
1,989,421	24,729	22,788	15,190	2,287	-	-	-	-	-	366	8,359	13,700	87,419	400
2,024,719	10,436	10,031	8,423	2,485	1,632	1,740	1,946	1,998	2,211	2,350	5,697	7,442	56,391	573
1,621,319	45,401	45,070	39,825	21,091	16,561	10,502	9,473	8,516	9,740	14,736	32,097	38,295	291,307	65
1,785,666	28,520	39,940	36,663	20,503	940	-	-	-	-	1,248	22,735	19,712	170,262	163
2,023,955	103,127	94,281	93,556	52,595	8,918	6,543	7,192	6,009	7,259	21,837	79,019	96,351	576,688	149
2,027,392	14,001	12,236	12,228	9,226	8,863	6,146	6,135	5,357	5,254	6,084	9,242	10,576	103,349	400
1,389,588	47,386	40,682	36,764	17,472	3,544	1,993	2,127	2,345	2,339	8,048	26,011	31,860	220,569	209
2,027,498	22,902	18,751	23,291	27,431	26,427	20,906	19,871	18,021	20,375	22,276	22,271	21,090	263,612	90
2,035,986	5,040	4,626	5,158	3,897	3,183	2,965	2,660	2,623	522	3,380	3,640	4,677	42,372	599
2,026,772	15,449	13,997	11,065	1,625	32	4	4	2	-					

2,027,476	9,430	8,261	7,758	6,089	5,111	4,336	4,525	4,474	5,120	5,826	8,574	9,644	79,148	82
2,012,853	5,115	4,863	4,738	3,199	964	131	301	253	439	1,576	3,696	4,053	29,328	72
2,012,857	4,304	4,225	4,136	1,955	460	315	105	203	492	1,072	3,000	3,338	23,607	72
2,012,851	3,947	3,875	3,779	2,174	806	147	209	267	531	1,385	3,084	3,595	23,800	90
2,025,003	6,300	5,014	4,360	2,417	1,994	2,174	1,764	2,144	2,268	2,852	4,107	4,721	40,114	54
2,025,082	3,628	3,197	2,582	1,670	573	-	-	1	-	1,282	2,321	2,692	17,947	75
1,987,801	34,031	27,999	26,366	12,877	5,696	10,538	19,061	19,066	9,514	7,921	22,027	27,555	222,651	75
2,027,524	36,598	30,067	28,377	13,658	6,460	11,982	21,145	21,141	10,766	8,838	23,767	29,708	242,507	207
1,611,615	11,272	9,409	7,624	2,368	157	-	-	1	12	943	5,639	5,258	42,682	189
1,526,426	31,869	27,287	30,003	13,870	3,750	3,036	3,374	3,484	3,428	9,778	24,091	28,564	182,534	784
1,546,088	47,537	32,093	33,880	14,409	6,154	5,288	5,362	4,212	3,758	8,670	21,027	26,197	208,586	50
2,123,490	8,151	5,864	5,315	1,309	3,418	5,526	5,944	5,467	5,628	1,134	2,910	4,506	55,172	50
1,526,435	112,680	93,587	89,808	62,642	50,745	40,056	37,870	40,936	44,539	54,925	71,699	86,307	785,796	600
2,116,157	44,580	43,610	42,960	28,160	22,320	18,340	17,270	16,900	17,420	21,750	32,550	38,300	344,160	86
1,658,874	50,972	48,178	57,368	45,326	37,568	38,760	26,435	35,409	35,602	41,646	41,203	37,272	495,739	402
1,393,766	23,640	22,310	20,200	7,390	4,680	2,760	2,570	3,060	2,770	4,400	11,130	16,050	120,960	187
2,026,874	6,148	5,376	4,945	1,949	264	-	-	3	-	1,218	3,233	3,900	27,036	703
1,954,683	-	-	95,995	40,336	25,726	23,756	23,189	24,250	25,478	23,702	23,219	32,249	337,900	200
1,685,268	13,000	8,921	7,664	1,246	-	-	-	-	32	507	5,146	5,339	41,855	144
2,027,381	5,671	4,831	4,205	1,823	1,243	1,189	1,125	1,002	1,152	1,387	3,472	4,304	31,404	513
2,027,430	5,694	4,814	4,193	1,811	1,245	1,195	1,130	1,009	1,170	1,381	3,481	4,335	31,458	232
2,027,642	26,487	18,543	15,150	3,961	-	-	-	-	79	2,488	10,856	14,340	91,903	392
1,611,637	31,370	26,990	23,480	11,170	6,390	5,470	4,800	5,240	5,900	8,550	18,560	21,660	169,580	346
2,115,588	14,058	10,979	11,298	3,478	2,018	1,836	1,772	2,025	1,835	2,031	6,280	8,292	65,902	100
2,115,589	12,550	9,788	10,144	3,288	1,869	1,661	1,581	1,811	1,693	1,985	5,702	7,494	59,566	168
2,023,812	17,173	13,602	12,176	2,487	2,242	1,999	1,899	1,948	2,004	3,700	9,489	12,573	81,292	235
1,402,992	48,251	41,833	36,006	15,995	4,221	2,727	2,563	2,612	2,668	10,302	30,950	38,198	235,825	500
2,023,952	36,835	30,366	32,037	9,615	5,949	5,037	5,318	5,458	5,868	11,454	31,388	44,581	223,906	140
1,771,898	8,358	-	1,889	23,515	56,581	97,500	86,355	67,276	83,357	123,643	59,140	26,113	633,728	648
1,722,906	23,827	21,324	19,265	10,644	-	-	-	-	-	3,925	16,027	22,396	117,407	222
2,036,145	13,969	10,837	8,468	2,094	1,727	1,577	1,340	1,621	1,816	2,413	5,334	6,750	57,946	25
2,027,591	5,271	4,317	5,125	917	2,772	1,662	1,395	1,326	1,512	1,893	2,698	2,934	31,820	83
1,685,280	41,360	34,670	37,184	35,891	49,808	50,652	33,960	34,018	33,792	33,426	29,754	33,242	447,757	75
1,356,070	86,175	74,507	73,737	44,871	34,594	18,453	19,676	20,788	26,257	35,715	53,981	60,306	549,060	215
2,027,620	21,104	17,964	15,452	7,009	18	3	9	-	-	4,448	10,087	14,510	90,604	424
2,026,737	11,589	10,065	8,592	2,409	-	-	-	-	55	480	6,685	8,695	48,569	143
1,989,422	7,875	7,610	5,052	-	-	-	-	-	-	89	3,472	6,113	30,212	73
2,027,589	12,744	11,212	10,229	3,830	230	-	-	-	-	987	6,607	8,875	54,714	153
1,906,630	6,794	6,122	4,626	989	-	-	-	-	-	417	4,139	4,903	27,990	43
1,526,470	12,946	11,986	8,170	2,114	-	-	-	-	-	-	9,308	9,429	53,953	186
2,036,193	-	-	98,800	3,800	-	-	-	-	-	1,200	10,900	15,100	129,800	126
2,064,980	81,877	83,524	60,838	18,348	-	-	-	-	114	7,504	39,482	63,948	355,636	223
2,123,489	10,369	10,301	7,884	2,296	1	-	-	-	1	1,683	7,325	4,924	44,784	190
2,115,842	11,124	8,982	5,922	1,553	86	-	-	-	4	467	4,449	4,211	36,798	748
2,024,706	9,441	7,481	5,524	1,139	-	-	-	-	-	324	3,462	4,987	32,359	156
1,414,492	37,321	33,195	26,589	4,816	-	-	-	-	-	2,415	17,541	26,003	147,879	154
2,115,141	8,293	5,536	4,566	1,385	32	-	-	-	29	722	2,583	3,966	27,112	26
1,987,786	11,223	11,035	7,904	2,039	-	-	17	5	57	1,374	7,645	11,608	52,907	48
1,987,809	23,924	17,404	12,379	5,609	2,115	692	91	182	989	3,747	8,934	13,120	89,185	48
2,115,143	-	-	-	-	-	-	-	-	-	-	-	8,887	8,887	750
2,036,195	40,187	38,685	24,281	7,326	104	-	-	-	-	940	15,498	19,921	146,943	120
2,036,189	20,732	19,193	16,416	3,612	-	-	-	-	11	1,056	10,032	15,941	86,993	168
2,116,149	8,884	8,411	6,255	2,533	-	-	-	-	-	968	3,599	6,393	37,042	341
2,024,367	7,762	6,443	4,402	717	-	-	-	-	1	118	2,993	3,665	26,102	26
1,389,592	1,556	23,468	18,016	6,980	32	11	-	-	-	1,751	10,695	14,024	76,532	235
2,036,185	25,952	22,036	19,425	5,443	-	-	-	11	-	2,400	13,511	20,226	109,002	72
2,027,464	-	35,596	11,471	4,451	41	-	-	-	293	1,832	10,274	14,728	78,686	424
2,024,389	-	-	-	-	-	-	-	-	19,152	58	1,749	2,393	23,352	90
2,115,136	11,216	10,374	9,148	2,359	1	1	-	1	1	662	5,606	6,107	45,476	72
2,115,833	-	-	-	-	-	-	-	-	-	-	-	5,360	5,360	690
2,123,513	-	-	-	-	-	-	-	-	-	-	-	22,330	22,330	380
1,987,496	15,858	12,153	10,711	2,396	115	-	-	-	11	1,108	5,883	10,189	58,423	50
2,027,484	8,334	7,320	5,844	1,793	-	-	-	-	-	438	2,937	6,218	32,885	98
1,393,763	21,361	19,626	17,645	2,049	-	-	-	-	33	1,224	10,830	18,339	91,108	215
1,553,328	12,314	8,878	7,183	1,386	-	-	-	-	22	598	4,176	7,514	42,071	27
2,027,483	6,790	8,880	8,687	2,417	-	1	-	-	3	1,072	5,095	8,877	41,822	95
1,658,876	27,669	29,121	23,347	754	-	-	-	-	-	1,113	16,855	25,569	124,427	54
1,987,810	10,977	9,050	6,896	890	-	-	-	-	-	433	3,754	7,597	39,598	2,087
1,724,856	39,900	35,000	32,777	6,070	-	-	-	-	106	1,454	26,349	31,647	173,303	701
1,393,767	30,840	26,810	24,556	11,183	959	-	-	-	53	2,798	16,481	24,719	138,400	576
2,027,520	20,307	17,159	16,486	2,863	128	-	-	113	132	3,165	13,604	15,977	89,934	149
2,024,702	36,178	61,926	66,450	25,019	-	-	-	-	-	8,705	34,904	33,532	266,714	58
2,115,137	36,319	35,089	32,399	15,651	-	-	-	-	-	3,887	27,049	36,525	186,920	417
2,132,890	-	-	31,058	9,760	13	15	12	11	11	2,873	23,801	30,402	97,955	75
1,658,875	22,447	11	-	-	-	-	-	-	-	-	13,350	31,710	67,519	2,365
2,025,031	14,776	12,826	11,714	4,031	2	3	4	4	15	3,952	11,298	13,369	71,995	90
1,546,148	29,400	29,161	31,241	9,482	-	-	-	24	-	5,560	15,884	33,906	154,658	844
1,553,325	65,720	66,680	61,986	19,976	-	-	-	-	-	-	37,223	71,666	323,250	397
2,064,977	9,620	9,360	8,620	4,030	90	-	-	-	10	990	6,510	7,780	47,010	250
2,024,694	16,703	13,630	9,705	2,494	202	-	-	1	4	980	6,138	7,137	56,995	377
2,027,618	394	-	4	3	-	-	-	-	-	-	1,564	759	2,724	229
2,024,290	8,913	7,999	7,757	3,356	1,800	650	597	590	625	2,036	6,505	9,060	49,889	64
1,722,888	28,125	24,393	22,199	12,301	8,507	6,516	5,855	5,831	5,887	8,419	17,881	21,017	166,931	1,269
1,722,873	21,950	18,307	16,481	8,551	4,360	2,478	2,130	2,031	2,251	4,787	14,530	17,095	114,951	1,400
2,024,299	9,419	8,407	7,644	3,686	1,255	590	519	562	929	2,316	6,054	7,672	49,052	64
2,024,285	8,233	6,921	6,338	3,282	1,475									

1,658,882	45,693	36,615	28,623	3,084	-	-	-	-	-	3,607	20,050	26,070	163,742	31
2,116,150	18,869	16,724	14,905	4,781	1,219	1,122	1,149	1,119	861	4,106	11,287	13,659	89,801	270
1,723,900	46,852	38,263	31,730	21,957	24,276	22,871	23,080	24,092	24,449	22,274	23,967	27,596	331,405	453
1,701,739	48,808	42,613	42,720	33,108	32,254	29,050	27,875	28,409	28,409	31,613	46,885	66,750	458,492	83
2,115,901	752	636	545	202	1	-	-	-	-	26	397	508	3,067	925
1,987,683	1,839	1,629	1,506	441	-	-	-	-	1	84	1,206	1,588	8,294	302
2,115,434	1,116	897	737	280	-	-	-	-	1	20	553	722	4,326	541
1,987,633	3,918	3,392	2,872	185	-	-	-	-	3	111	2,272	3,157	15,910	1,252
2,035,694	1,696	1,524	1,114	283	1	-	-	-	-	20	803	1,237	6,678	60
2,023,825	7,531	6,151	5,750	1,840	286	33	-	-	-	67	4,350	7,224	33,231	541
2,027,563	8,948	7,532	5,390	184	-	-	-	-	-	411	4,771	6,387	33,623	388
2,027,536	7,223	6,465	5,979	313	-	-	-	-	-	771	4,218	6,362	31,331	416
1,722,889	11,765	10,774	8,403	4,033	77	-	-	-	-	2,169	8,106	10,113	55,439	373
2,026,870	9,989	8,548	8,029	1,890	-	-	-	1	13	9	2,494	2,485	33,458	1,851
1,806,079	26,311	23,526	21,571	10,774	5,122	1,471	655	342	1,680	6,683	16,687	22,243	137,066	107
2,027,641	17,316	14,194	11,509	4,184	443	-	-	-	1	466	9,065	12,447	69,625	368
2,024,992	2,437	2,014	1,665	618	69	-	-	-	-	213	1,138	1,486	9,641	1,851
2,025,099	5,965	3,857	3,436	700	94	-	-	-	-	222	2,427	3,506	20,208	54
1,986,388	6,584	5,331	4,556	681	-	-	-	-	-	371	3,418	4,598	25,538	38
1,526,404	18,320	15,570	14,670	8,590	3,770	2,800	3,120	3,140	3,270	5,560	12,930	14,550	106,290	523
1,909,334	6,088	5,094	4,678	2,567	1,559	1,213	821	816	831	2,122	3,980	4,645	34,414	98
2,027,383	9,688	8,310	7,732	1,674	-	-	-	-	-	61	5,041	6,599	39,105	645
1,701,736	451,800	556,500	1,202,200	128,100	-	-	-	-	-	22,500	438,900	2,800,000	2,800,000	60
1,701,737	461,200	572,200	1,238,100	131,700	-	-	-	-	-	17,500	352,700	2,773,400	2,773,400	432
1,440,487	3,990	3,100	2,350	490	-	-	-	-	-	470	7,710	10,670	28,780	424
1,611,015	-	100	400	17,200	11,900	25,300	54,200	47,600	85,600	59,200	19,500	6,200	327,200	547
1,403,018	16,145	14,925	10,987	2,408	115	-	-	11	117	970	6,085	10,976	62,738	1,225
1,786,008	328,900	398,100	404,607	264,061	197,772	168,836	165,614	168,222	173,373	226,758	319,708	370,045	3,185,995	5,500
1,658,885	21,600	200	4,530	313	208	9,119	6,599	7,756	16,689	855	952	3,517	72,338	55
2,064,981	630,500	770,500	753,372	473,682	351,575	282,368	278,676	292,524	324,009	424,084	681,763	536,505	5,799,558	11,586
2,064,982	-	-	-	-	-	-	320	-	-	-	-	222,000	222,320	5,500
1,884,569	47,500	59,600	61,351	40,576	29,385	23,901	24,677	27,717	30,932	32,445	51,133	61,585	490,802	1,222
1,786,009	301,800	364,900	371,099	243,145	182,663	156,251	153,806	157,348	161,785	211,176	296,799	343,301	2,944,072	5,500
2,027,386	7,541	7,101	6,103	7,304	8,158	8,661	7,363	7,786	7,773	5,488	8,312	5,285	86,875	141
2,023,953	87,983	76,896	78,509	54,267	35,727	26,083	22,845	24,549	24,708	39,976	58,731	59,152	589,425	576
2,027,529	69,514	57,921	53,414	22,479	10,496	8,841	6,223	7,871	8,692	16,403	43,341	52,779	357,974	706
2,035,886	2,323	6,728	7,619	6,161	4,772	2,709	2,422	1,001	3,438	10,683	14,825	11,872	74,553	95
1,526,433	67,248	58,068	55,946	41,267	36,415	31,670	30,521	31,104	29,906	36,472	48,909	54,213	521,738	1,043
2,116,160	36,152	33,516	31,515	11,412	313	-	-	-	-	5,255	22,175	32,498	172,836	547
2,027,433	17,300	14,600	12,514	3,037	1,008	2,415	3,365	2,423	2,002	1,693	6,021	7,104	73,481	450
2,027,434	-	-	-	-	-	1,891	2,517	2,229	1,859	1,310	4,494	5,457	19,757	455
1,909,300	1,177,210	1,622,880	1,443,720	1,707,900	437,320	224,810	175,970	234,910	165,370	600,630	565,900	1,146,450	9,503,070	
1,685,277	-	-	-	-	-	-	-	-	-	-	-	22,680	22,680	380
1,546,146	27,412	21,513	20,076	10,149	6,054	5,054	4,733	4,829	5,432	7,097	13,782	17,859	143,988	313
1,582,089	68,781	56,673	52,463	23,800	8,292	5,687	5,225	5,066	6,006	19,537	36,571	43,086	331,187	479
1,526,425	27,807	23,277	21,496	11,229	3,473	1,960	1,908	2,368	2,418	8,876	17,710	16,665	139,187	360
2,024,714	11,351	10,004	8,687	1,691	31	-	-	-	-	529	5,867	9,381	47,541	167
2,064,820	3,215	3,190	2,641	393	-	-	-	-	-	269	2,660	3,901	16,269	99
1,526,476	78,638	34,717	29,821	16,526	13,953	15,609	17,655	14,274	16,368	16,198	20,166	23,826	297,751	43
2,036,187	58,668	53,840	44,610	22,084	2,583	-	-	-	341	10,533	31,723	39,205	263,586	576
2,027,583	3,144	1,927	1,726	1,484	1,546	1,512	1,559	1,590	1,599	1,677	5,907	9,764	33,435	202
2,116,162	191,200	161,100	159,000	110,700	95,000	85,100	82,700	78,200	86,900	98,500	131,000	140,600	1,420,000	2,549
2,027,494	26,701	23,408	21,907	6,875	-	-	-	-	-	3,875	18,948	22,547	124,261	100
2,123,463	4,918	3,569	3,461	1,915	1,642	1,256	1,108	1,062	1,259	1,604	2,698	3,527	28,018	80
2,123,484	4,392	3,180	3,052	1,655	1,451	1,131	1,004	954	1,134	1,423	2,348	3,152	24,876	119
2,123,467	7,355	6,528	6,137	1,755	841	686	602	599	624	1,537	4,954	5,954	37,572	80
2,115,593	19,583	16,830	16,621	10,096	6,496	6,199	6,319	2,586	8,009	10,944	14,361	18,183	136,227	388
1,575,425	16,300	13,930	11,130	1,010	-	-	-	-	10	-	5,490	9,050	56,920	383
1,724,210	16,163	11,607	11,413	5,730	6,069	1,461	-	6,883	-	10,630	16,294	11,149	97,399	449
2,025,146	13,936	12,667	8,954	2,236	-	-	-	-	23	830	5,557	5,895	50,098	140
2,025,172	12,287	11,174	7,970	1,979	-	-	-	-	20	731	4,964	5,246	44,370	175
2,027,443	-	-	-	-	-	-	-	-	-	-	-	15,992	15,992	430
1,526,478	38,597	37,365	28,067	6,932	223	-	-	-	113	5,514	19,585	32,094	168,491	135
2,027,160	10,257	9,711	9,237	2,074	-	-	11	-	-	929	7,228	9,093	48,538	164
2,024,698	9,104	7,640	6,674	2,308	82	1	-	1	1	799	4,451	6,304	37,365	272
1,601,880	17,980	14,780	13,785	5,139	63	-	-	-	-	1,213	10,653	14,139	77,751	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 2014 - December 2014

MTR_NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL_CCF	Max Daily Qnty (Dth)
1,457,534	115,751	98,138	88,318	35,234	-	-	-	-	-	16,535	74,094	86,156	514,226	267
2,026,784	10,215	10,479	8,842	4,295	1,912	563	487	501	609	2,597	7,131	8,672	56,303	420
2,024,683	31,430	26,668	25,465	12,941	2,342	1,917	1,751	1,808	1,875	7,624	22,727	27,260	163,807	360
1,533,333	18,470	16,420	14,558	4,490	-	-	11	-	32	1,592	10,967	13,447	79,987	706
1,611,639	15,102	10,477	7,380	1,420	-	-	-	-	53	107	5,030	9,003	48,573	1,465
1,519,033	28,323	24,999	23,479	12,100	594	525	489	-	-	3,479	17,789	22,898	134,676	994
1,305,000	211,610	183,640	175,779	124,346	114,470	108,432	107,192	107,094	108,225	116,413	148,283	162,572	1,668,056	400
1,571,006	13,539	10,268	8,574	1,683	-	-	-	-	-	431	6,964	9,657	51,117	348
1,571,005	19,799	15,969	12,866	3,103	200	-	-	-	11	747	9,142	11,951	73,787	1,032
2,027,533	19,654	16,633	18,015	6,013	16	3	-	-	-	3,936	14,293	14,759	93,323	58
1,987,805	15,354	13,024	11,193	3,890	449	417	398	410	417	1,590	7,602	10,454	65,198	340
1,724,005	29,029	25,502	27,723	26,642	27,237	26,403	26,887	27,461	27,266	28,571	26,188	26,532	325,439	452
2,027,459	31,521	25,568	31,940	27,095	25,895	25,362	27,592	27,498	26,215	26,101	27,981	28,086	330,854	417
2,035,554	4,896	4,423	4,241	2,186	988	754	683	676	698	1,422	3,497	4,210	28,674	240
2,123,525	20,540	22,700	16,520	6,580	-	-	10	-	-	830	18,150	21,360	106,690	81
1,553,337	32,850	28,820	24,020	4,580	-	-	-	-	-	640	21,050	27,370	137,330	720
2,064,975	19,780	17,790	19,369	19,387	18,225	17,582	16,428	16,249	17,593	19,469	18,271	20,863	221,005	200
1,724,226	73,008	71,033	71,925	60,178	57,150	54,896	54,834	56,471	35,481	60,899	65,125	68,906	729,906	200
2,027,375	24,267	21,745	20,452	11,263	5,316	3,866	3,312	3,393	3,552	6,120	14,823	18,497	136,606	180
2,035,210	3,736	3,295	2,932	1,048	98	-	-	-	18	282	1,949	2,678	16,036	403
2,035,366	3,584	2,846	2,554	921	43	1	-	-	17	205	2,163	3,635	15,969	311
1,989,426	33,970	28,574	28,693	11,376	2,880	2,703	2,456	2,524	2,626	6,516	21,259	28,909	172,666	383
2,024,644	8,046	7,637	6,573	2,863	1,424	1,313	1,253	1,309	1,373	2,222	5,546	7,420	46,979	340
1,389,590	68,430	58,110	16,930	17,580	30,760	23,300	21,970	19,890	19,790	29,930	43,610	57,300	407,600	200
1,723,873	4,886	4,839	3,957	1,074	150	53	49	38	-	396	3,401	4,354	23,197	958
1,526,465	22,779	19,160	18,185	9,560	5,242	3,911	3,031	2,750	2,838	4,855	14,180	18,603	125,096	407
2,064,976	13,422	19,982	19,946	6,588	-	-	-	-	-	3,502	13,436	16,037	92,912	172
1,989,652	28,619	23,746	18,057	9,239	6,474	4,659	4,366	4,457	4,535	5,558	11,287	13,700	134,694	226
2,035,356	2,954	2,583	2,404	769	-	-	-	-	-	553	1,644	2,371	13,278	31
2,024,712	18,650	16,184	12,034	1,273	-	-	-	-	-	22	9,359	13,752	71,274	120
2,023,951	39,112	30,572	16,525	2,440	-	-	-	-	-	-	15,541	23,751	127,940	1,833
1,553,331	69,837	58,526	50,698	17,793	1,399	983	1,324	1,068	1,089	6,355	39,213	49,908	297,192	300
2,070,260	4,628	3,934	4,109	2,509	301	-	-	-	-	677	3,253	3,817	23,229	958
2,070,249	4,086	3,426	3,610	2,063	204	17	17	17	17	328	2,312	3,039	19,135	336
2,070,271	4,415	3,728	3,596	2,004	196	-	-	-	486	1,184	2,847	3,530	21,986	419
2,070,242	4,673	2,489	2,222	928	65	-	-	-	-	257	1,596	2,146	14,376	302
2,025,139	14,091	12,463	11,860	4,828	-	-	-	-	-	2,733	10,534	13,695	70,204	408
1,987,495	12,710	15,160	15,018	15,119	14,608	12,355	9,491	12,433	11,598	13,895	11,277	11,220	154,885	216
1,884,506	13,522	11,642	8,477	1,808	-	-	-	-	104	425	3,686	6,913	46,577	266
1,756,663	89,615	73,847	59,818	9,016	209	-	-	-	-	2,405	42,098	58,536	335,546	223
1,658,879	13,890	11,180	9,610	5,170	1,830	1,480	1,450	1,240	1,150	2,440	6,740	8,120	64,300	360
1,724,853	47,761	43,674	37,825	15,877	1,450	-	-	-	-	8,766	20,850	32,430	208,633	144
2,024,307	16,291	13,652	12,384	4,171	26	-	-	-	-	576	9,051	11,973	68,124	360
1,546,140	80,604	-	72,196	-	6,933	9,805	12,782	19,325	43,711	17,947	50,454	59,143	372,900	600
1,921,578	7,697	5,317	5,694	1,908	1,370	1,551	1,452	1,324	2,776	3,286	5,725	6,249	44,349	81
2,027,635	5,097	4,694	4,177	2,410	2,402	2,788	2,926	2,733	2,636	2,349	2,802	3,448	38,462	500
2,026,838	19,747	15,490	13,872	3,954	-	39	-	1	9	2,108	11,398	14,363	80,982	946
2,157,700	66,775	57,440	53,040	44,439	36,992	29,789	31,698	32,195	34,866	44,624	52,802	56,577	541,237	2,847
2,012,886	6,194	5,432	5,043	2,342	26	-	-	-	5	1,025	3,677	4,649	28,392	75
1,621,317	377,562	342,851	326,639	251,215	319,876	153,643	285,963	330,671	287,665	246,045	270,490	307,009	3,499,629	92
2,090,400	137,288	113,715	103,477	74,663	76,792	151,122	136,575	82,398	72,814	73,638	147,626	160,569	1,330,676	419
1,987,797	15,363	13,769	13,481	9,227	8,122	7,450	7,664	7,339	7,985	9,307	9,926	12,914	122,545	302
1,987,777	9,781	8,616	9,434	8,153	7,422	6,740	6,720	6,588	7,554	10,065	9,082	10,844	100,997	43
1,884,577	37,296	28,392	26,530	6,643	226	-	-	-	13	2,378	17,951	30,341	149,770	624
1,377,228	18,637	16,475	14,281	5,666	-	-	-	-	-	2,565	12,612	15,269	85,505	622
2,115,837	25,953	21,760	20,412	14,941	10,973	7,360	6,665	7,382	8,867	13,394	19,679	22,557	179,942	782
2,027,531	38,716	28,643	16,419	7,369	350	-	-	-	-	2,513	13,983	16,500	124,493	3,128
1,685,273	28,828	25,077	22,016	10,704	3,684	2,022	1,880	1,941	2,192	6,607	18,737	22,941	146,630	782
1,906,825	11,764	10,107	10,838	10,022	7,944	8,103	7,599	7,041	7,538	8,114	8,687	10,809	108,565	30
1,724,008	38,830	32,250	32,864	27,638	24,540	21,510	19,926	20,981	21,176	25,818	33,376	37,599	336,508	522
2,027,477	5,270	4,734	5,046	4,522	3,604	3,137	2,949	3,031	3,465	3,179	3,295	3,564	45,796	162
2,036,147	8,093	6,472	5,572	1,961	-	-	-	-	-	987	5,774	6,400	35,259	312
2,024,704	15,218	11,071	8,587	4,260	2,408	1,114	1	-	1,366	2,467	6,878	10,129	63,499	313
2,157,692	77,031	71,849	66,338	25,984	12,639	10,581	8,774	8,805	10,641	13,828	57,017	64,633	428,121	852
2,024,705	19,338	15,368	14,781	7,846	5,111	4,473	4,563	4,930	5,200	6,924	11,610	14,160	114,304	522
1,806,076	78,868	64,186	56,943	26,679	15,005	15,328	14,252	17,057	16,263	16,841	43,532	54,552	419,507	374
2,035,943	5,070	4,610	4,111	2,641	2,131	2,198	2,202	2,144	2,321	2,283	3,282	3,961	36,953	240
1,921,575	19,272	18,931	13,221	2,977	374	-	-	-	69	966	6,142	7,652	69,603	281
2,024,648	28,480	24,742	27,159	20,420	16,955	14,432	15,385	15,342	16,571	18,509	22,335	25,018	245,349	490
2,027,544	28,160	23,457	24,461	20,382	15,682	16,292	16,788	14,143	16,949	17,181	16,611	19,251	229,355	64
2,027,406	30,699	25,488	26,779	22,697	17,337	18,223	18,963	15,989	19,164	19,250	18,215	21,475	254,278	209
2,115,543	5,333	4,895	4,570	1,575	65	-	-	-	3	917	3,790	4,450	25,597	64
1,320,010	44,140	42,110	48,800	38,920	36,010	37,420	41,440	37,240	33,510	39,230	29,220	40,360	468,400	383
2,026,758	14,807	12,337	11,557	714	-	-	-	-	-	507	11,155	14,812	65,889	6
2,094,623	82,304	73,641	86,318	83,132	80,196	76,490	80,531	87,486	87,857	91,518	78,843	90,965	999,281	1,046
1,806,092	38,269	37,429	41,872	37,473	39,227	36,254	36,917	31,876	29,462	31,361	34,595	39,483	434,220	384
1,987,500	55,650	48,560	42,626	4,735	-	-	-	-	-	1,069	34,763	45,831	233,234	479
2,027,401	12,073	10,538	10,238	6,645	4,849	4,360	3,575	4,428	5,297	5,451	7,983	8,503	83,940	305
2,027,402	14,658	12,731	12,335	8,068	5,820	5,294	4,474	5,479	6,694	6,768	9,889	10,376	102,586	707
1,658,880														

1,724,001	20,950	17,940	13,200	1,930	-	-	-	-	-	1,070	12,180	12,580	79,850	173
1,658,881	31,356	27,095	25,936	9,633	251	-	-	-	-	6,264	20,343	23,889	144,767	403
2,036,188	33,672	26,251	20,458	11,090	10,783	12,312	13,132	12,305	11,418	11,077	11,453	19,702	193,653	1,300
2,035,891	8,305	7,611	7,795	5,702	3,391	1,864	2,234	2,121	2,116	4,034	5,088	6,962	57,223	591
1,989,625	6,730	5,726	4,689	516	-	-	-	-	-	33	3,494	6,270	27,458	454
1,921,579	7,545	5,676	5,188	3,448	2,227	1,247	910	1,107	1,570	2,975	4,418	4,260	40,570	843
1,909,351	7,972	6,536	6,149	2,789	25	-	-	-	-	1,185	5,345	6,523	36,524	504
2,115,597	14,303	10,627	9,554	3,679	-	-	-	54	-	2,490	8,317	10,927	59,951	172
2,024,715	41,773	30,501	23,883	4,994	1	-	-	-	-	485	21,115	22,825	145,578	503
2,035,967	4,266	4,066	4,213	4,676	5,152	4,861	4,514	4,414	4,461	5,197	4,610	5,325	55,754	685
2,024,851	21,882	18,853	17,217	7,899	389	-	-	-	9	2,510	13,725	17,101	99,584	244
2,025,158	31,194	31,776	35,649	12,698	19	-	-	-	370	2,218	8,345	13,374	135,642	626
1,356,069	82,567	73,246	72,469	46,852	38,552	26,539	25,314	26,758	25,619	32,751	59,118	74,160	583,944	556
1,724,011	15,640	14,915	7,718	1,977	73	-	-	-	11	596	4,282	6,745	51,957	907
2,023,840	6,332	5,364	5,227	3,542	1,380	920	838	852	851	2,181	4,486	5,173	37,146	934
1,658,873	22,021	20,855	14,405	3,024	-	-	-	-	53	1,206	6,054	11,393	79,011	1,400
2,036,167	21,798	17,460	16,211	7,287	437	-	2	-	-	2,825	12,989	15,365	94,375	4,372
1,806,077	84,262	69,972	68,051	39,625	3,543	2,935	2,766	2,559	2,870	15,312	56,111	65,209	413,215	277
2,025,150	8,581	7,273	6,051	1,427	123	-	-	-	6	1,570	4,456	6,452	35,939	178
2,116,171	-	-	-	-	-	-	-	-	-	-	-	28,040	28,040	1,252
2,116,174	-	-	-	-	-	-	-	-	-	-	-	51,200	51,200	1,252
1,393,689	49,740	51,679	52,895	37,494	18,581	8,735	8,433	12,206	17,126	34,987	50,317	56,887	399,081	859
1,989,428	75,654	63,430	58,942	34,476	24,303	16,324	9,714	9,149	11,873	26,584	47,406	53,524	431,377	302
2,035,975	14,597	12,814	13,985	10,349	10,258	8,690	8,398	8,156	9,140	10,359	10,408	12,837	129,992	554
1,826,616	9,527	7,412	6,119	3,633	664	-	-	-	-	1,664	5,595	7,219	41,833	703
2,123,526	34,250	32,829	28,580	14,410	14,060	6,940	3,060	2,190	1,880	3,230	11,850	15,230	168,509	305
2,115,553	18,305	16,184	19,564	18,090	17,829	14,728	17,650	17,801	17,645	18,673	18,529	19,327	214,325	605
2,027,599	9,372	8,936	8,003	4,303	3,745	2,905	1,816	2,747	2,734	3,327	4,276	4,715	56,879	123
1,723,898	59,789	40,793	35,743	5,446	-	-	-	-	-	7,592	25,977	36,867	212,208	424
1,393,761	34,074	29,387	30,778	24,669	20,131	16,346	17,824	18,410	18,323	20,285	23,509	27,061	280,796	204
2,064,973	51,155	57,596	58,539	49,149	37,614	31,424	32,612	36,886	35,876	45,430	53,290	63,471	553,042	424
2,115,843	26,230	15,834	15,695	227	-	-	-	-	-	26	12,883	22,540	93,436	163
1,526,471	65,200	55,886	53,953	28,563	17,485	13,550	12,923	12,942	13,393	18,620	43,929	48,351	384,796	324
1,987,785	9,078	6,573	6,587	4,935	1,948	1,099	1,043	1,049	1,104	3,192	5,511	6,170	48,289	120
1,884,513	9,150	7,594	6,937	3,863	3,219	3,006	2,730	2,639	2,919	3,021	5,382	6,497	56,957	241
1,884,573	43,352	39,628	30,802	7,852	-	-	-	-	-	1,777	13,391	20,666	157,469	698
1,611,640	15,470	16,050	11,760	1,980	200	-	-	-	-	430	7,560	8,860	62,310	240
2,116,154	13,417	12,343	13,235	11,176	9,648	12,979	5,231	8,530	9,631	7,226	8,710	11,957	124,083	141
1,921,703	38,890	34,520	33,320	12,800	630	-	-	-	-	5,710	20,830	25,850	172,550	400
2,024,703	19,102	17,773	15,102	6,065	175	-	-	-	-	2,400	11,526	16,679	88,823	389
1,374,187	43,363	40,257	31,434	4,192	-	-	-	-	-	1,145	19,980	25,782	166,153	565
1,724,240	14,562	11,859	9,153	2,477	34	-	-	-	-	769	7,986	6,449	53,290	703
1,514,012	19,404	13,343	11,933	3,389	480	11	11	-	21	1,186	8,227	10,111	68,116	264
1,526,424	9,920	7,830	6,140	2,190	40	-	-	-	20	750	4,310	5,820	37,020	418
2,023,947	12,232	9,906	9,606	6,090	2,272	4,124	3,953	3,783	3,794	4,987	7,634	8,236	76,617	418
2,133,386	2,222	1,682	1,482	431	-	-	-	-	1	193	837	1,090	7,938	495
1,724,003	33,520	27,420	26,260	14,580	6,220	4,960	4,460	4,310	4,030	6,100	16,020	21,610	169,490	305
1,526,437	123,600	100,649	78,262	36,930	15,109	11,308	7,870	959	11,588	32,279	68,972	83,212	570,739	449
1,621,318	38,394	31,837	24,641	4,461	-	-	-	-	-	93	20,189	16,324	135,940	550
1,909,301	10,013,580	9,558,450	10,413,190	5,206,780	8,050,060	8,445,990	7,970,300	7,567,260	7,899,030	7,458,720	9,989,520	10,986,570	103,559,450	
2,027,485	42,578	38,263	36,597	18,564	6,695	4,635	4,007	4,226	4,871	6,238	30,362	35,300	232,336	1,461
2,023,712	4,342	3,414	3,404	999	-	-	-	-	-	472	1,887	2,250	16,768	1,461
2,025,166	6,173	5,650	4,189	738	-	-	-	-	3	80	2,341	3,938	23,113	192
1,987,812	13,280	12,030	10,690	2,130	90	-	-	-	-	790	9,120	10,830	58,960	1,046
2,012,861	5,720	5,313	4,935	3,839	2,132	1,413	1,218	1,336	1,678	2,677	4,078	4,235	38,574	1,380
1,526,421	17,528	13,720	12,114	3,852	518	-	-	-	33	1,830	9,537	11,315	70,447	927
2,115,067	4,450	3,516	4,349	1,864	38	-	146	192	212	146	2,795	5,262	22,970	316
1,826,506	7,363	6,181	6,177	4,008	4,486	2,934	3,517	3,581	4,191	4,379	4,697	5,363	56,877	302
2,116,016	4,421	3,798	3,508	1,668	162	-	-	-	-	279	1,967	2,504	18,307	5,500
2,132,966	5,810	5,450	5,095	1,371	584	641	569	622	648	1,394	3,878	4,680	30,742	5,500
2,027,423	6,524	5,684	4,880	2,483	3	1	-	-	-	730	3,546	4,862	28,713	1,709
1,723,876	15,767	12,789	11,248	5,291	361	-	-	-	-	2,645	8,932	11,425	68,458	151
1,546,143	17,992	14,838	12,480	2,316	-	-	31	424	1,758	4,457	9,802	12,046	76,144	605
2,025,049	5,582	4,597	4,547	2,963	2,907	2,567	2,332	2,241	2,005	2,556	3,385	3,832	39,515	277
1,546,132	91,676	85,135	81,808	84,308	58,776	65,440	87,662	94,346	86,926	81,578	89,576	90,230	997,461	63
1,582,085	2,521,641	2,194,667	2,600,789	2,429,063	2,246,953	2,082,603	2,252,528	2,397,308	2,291,030	2,172,320	2,416,210	2,648,484	28,253,594	130
1,884,510	34,188	28,310	25,195	12,697	6,317	5,530	5,061	5,474	5,842	7,571	18,618	22,320	177,122	34
1,826,674	12,875	11,108	13,046	8,959	7,437	8,037	7,423	6,674	6,911	7,488	9,349	11,145	110,452	114
2,023,831	3,989	3,726	3,477	3,016	2,853	2,421	2,589	2,266	2,111	2,844	-	2,900	32,192	89
2,025,178	17,400	14,831	14,095	9,851	6,822	5,943	5,077	5,526	5,959	6,534	11,845	14,632	118,515	149
1,582,087	26,284	21,445	17,961	5,377	-	-	-	-	-	227	12,449	15,903	99,647	676
1,685,278	53,335	38,870	35,621	12,652	4,852	2,632	2,612	2,721	2,736	6,753	27,692	31,282	221,758	133
1,658,878	56,243	43,304	33,308	9,349	-	11	11	-	-	3,578	24,810	34,023	204,639	1,222
2,115,590	-	466,726	201,788	169,129	150,166	149,274	146,265	136,149	111,467	152,989	163,813	170,692	2,018,458	644
2,115,595	47,507	23,286	7,095	4,057	2,420	5,566	7,974	6,335	4,563	1,064	1	5,925	115,792	301
1,406,184	15,251	12,605	9,190	2,407	-	-	11	-	11	423	4,872	7,105	51,875	144
1,724,851	79,400	72,000	72,200	57,900	47,200	42,200	41,600	43,700	42,100	48,500	63,700	71,200	681,700	30
1,724,852	93,400	84,700	85,900	69,800	56,100	50,000	48,900	51,500	49,500	56,700	74,700	83,500	804,700	228
2,023,960	26,828	25,249	23,351	24,505	20,230	14,201	22,918	18,132	13,806	14,328	15,321	14,834	233,702	1,151
1,722,879	14,953	12,176	12,401	8,005	4,018	1,886	1,573	1,702	1,949	3,296	10,367	13,360	85,687	302
1,884,404	1,979	1,648	1,637	1,043	325	256	262	308	342	961	2,079	2,800	13,640	1,500
2,070,391	2,01													

2,027,625	4,975	5,396	4,178	1,466	503	198	161	312	665	802	2,841	4,138	25,635	1,565
1,519,038	65,506	57,935	52,444	27,922	17,303	8,481	7,491	10,196	18,099	19,713	42,045	54,846	381,781	58
2,027,560	6,376	6,600	6,147	5,115	2,275	1,579	1,222	1,644	1,929	3,397	6,298	6,042	48,623	432
2,024,645	9,787	9,728	8,834	5,783	1,266	569	601	881	1,662	5,010	10,951	11,355	66,426	313
2,116,156	19,175	17,922	15,485	6,933	3,139	2,261	1,980	1,741	2,178	3,308	11,160	13,440	98,723	76
2,025,149	8,413	6,607	4,946	2,705	1,620	1,074	1,112	1,337	2,108	2,213	3,213	3,440	38,786	14
2,036,151	10,326	8,962	9,037	4,628	398	-	-	-	-	988	6,566	9,490	50,396	202
2,064,880	5,961	5,763	6,051	3,754	2,918	2,109	2,587	3,189	3,148	2,340	2,359	3,508	43,887	115
2,023,958	38,035	34,436	26,164	12,611	979	-	-	-	-	2,968	16,070	20,687	151,949	397
2,024,684	9,769	9,820	5,968	1,529	-	-	-	-	-	802	3,804	8,666	40,359	281
2,116,148	13,098	11,983	11,754	6,464	2,189	1,353	1,180	1,364	1,414	3,454	7,174	9,632	71,059	500
2,064,974	37,811	30,078	20,644	3,602	-	-	-	-	-	2,212	15,323	21,139	130,809	456
1,397,885	13,361	14,786	9,467	2,449	104	-	-	-	-	1,476	5,418	7,350	54,412	237
1,420,497	121,516	111,466	104,791	75,049	66,137	69,931	70,323	67,244	66,047	66,935	80,352	94,451	994,241	2,847
2,012,880	10,332	10,156	9,318	4,407	1,646	922	792	804	1,068	1,831	4,915	6,555	52,743	396
1,724,854	109,090	106,136	101,157	63,593	47,514	39,267	49,245	55,965	55,269	65,187	85,795	92,378	870,596	240
1,426,742	29,700	25,834	23,474	15,186	11,920	1,194	371	2,337	5,081	9,265	16,945	22,257	163,564	272
1,356,078	39,018	43,206	36,560	9,426	-	-	-	-	-	3,061	30,087	42,087	203,444	3,432
2,116,158	23,480	26,780	23,154	3,118	-	-	-	-	11	3,322	20,973	23,188	124,026	2,169
2,116,159	33,830	36,810	31,630	12,194	-	-	-	-	21	2,959	11,705	14,427	143,577	170
2,133,065	7,293	5,796	4,454	1,186	-	-	-	-	5	1,002	5,676	6,834	32,246	269
1,397,886	13,565	12,460	7,560	1,486	-	-	-	-	-	383	5,184	5,145	45,784	320
1,378,232	14,345	13,134	8,453	1,528	31	-	-	-	-	506	5,105	6,277	49,380	720
1,480,546	12,332	7,912	9,962	3,538	136	-	-	-	-	960	8,430	11,370	54,639	136
2,027,510	8,655	6,196	8,053	7,964	7,114	854	-	-	521	8,179	7,507	6,754	61,797	215
1,954,681	59,153	50,485	48,430	27,192	19,589	13,949	13,615	15,139	16,050	9,638	38,365	49,760	361,364	127
2,027,454	10,282	7,727	6,973	2,862	775	-	-	2	-	1,920	6,110	7,427	44,078	127
2,035,408	3,388	2,895	3,076	751	23	-	-	-	-	43	1,530	1,959	13,665	127
1,685,269	23,690	21,830	24,170	17,710	17,580	14,770	13,680	17,780	21,710	24,070	23,720	28,560	249,270	216
2,116,004	6,400	5,807	5,352	1,677	-	-	-	-	-	899	4,049	6,020	30,204	103
1,756,662	71,123	67,075	70,209	57,041	-	-	96,960	54,080	56,350	59,390	50,210	43,990	626,428	84
1,921,701	83,109	74,284	73,684	32,384	-	-	58,000	30,190	30,870	34,550	53,800	68,630	539,501	354
1,921,701	83,109	74,284	73,684	32,384	-	-	33,426	30,190	30,870	34,550	53,800	68,630	514,928	1,380
1,756,662	71,123	67,075	70,209	57,041	-	-	54,597	54,080	56,350	59,390	50,210	43,990	584,066	1,380
2,123,495	15,516	13,956	13,748	8,134	2,992	-	-	2,152	1,638	5,110	8,981	11,008	83,235	120
1,987,815	80,627	69,993	62,452	33,192	18,556	13,904	13,958	14,132	15,088	25,242	50,439	56,066	453,648	131
1,724,010	21,330	22,549	24,805	21,492	20,565	20,191	20,788	20,172	22,476	22,877	21,985	23,868	263,098	76
1,826,561	8,227	7,221	7,108	3,460	1,281	881	795	821	841	1,956	5,260	7,508	45,358	132
2,035,839	7,390	6,380	5,816	2,858	1,648	1,225	1,569	1,485	1,017	1,908	4,489	5,592	41,377	112
1,756,664	46,384	44,825	37,476	2,074	-	-	-	-	-	1,166	18,140	27,289	177,354	346
1,921,700	60,431	55,458	42,265	11,990	826	11	-	-	420	8,962	31,054	47,298	258,714	549
2,025,107	11,887	9,627	7,961	2,356	-	1	-	-	21	-	5,454	6,993	44,301	576
2,116,161	224,368	195,830	184,007	61,541	104	-	424	-	533	961	119,913	181,563	969,244	518
2,157,680	77,051	63,510	61,134	50,773	45,139	44,057	36,320	36,542	38,861	48,551	58,235	66,482	626,654	267
2,036,180	18,580	2,697	28,752	43,006	39,855	33,182	33,392	32,603	37,024	37,557	48,773	56,032	411,454	1,362
1,884,579	8,194	6,862	5,798	1,767	-	-	-	-	-	1,723	4,774	5,775	34,892	174
1,685,272	157,199	54,578	51,431	22,522	2,919	-	-	-	-	9,293	39,634	45,459	383,034	174
1,987,814	559,314	480,900	473,767	498,953	496,635	490,401	463,407	495,036	535,014	521,327	534,549	394,890	5,944,192	174
1,658,883	49,806	34,562	28,605	2,705	-	-	-	-	108	1,467	20,885	26,049	164,188	111
2,157,699	-	-	-	-	-	-	-	-	-	-	-	-	26,914	20
2,025,174	7,876	6,847	6,901	5,396	4,878	4,356	4,313	4,333	4,153	4,791	5,754	6,686	66,285	78
1,452,606	37,408	32,842	30,490	16,461	1,500	-	-	-	-	7,145	25,072	29,434	180,351	480
1,601,879	95,840	89,900	92,770	85,960	75,200	68,010	68,560	48,070	44,500	40,320	37,780	40,720	787,630	782
1,906,514	1,105,000	974,370	981,450	866,430	803,140	850,890	742,990	892,390	870,940	947,430	1,025,910	1,000,040	11,060,980	
1,526,402	22,416	17,708	14,538	2,556	-	-	-	-	-	1,391	9,690	13,989	82,289	172
1,582,088	57,919	46,638	43,280	16,707	4,022	3,461	3,276	3,337	3,561	11,640	35,489	40,819	270,150	42
2,123,514	-	47,399	55,724	35,605	17,098	13,658	12,529	7,942	-	118	-	56,506	246,578	291
2,123,515	86,809	27,790	11,425	-	-	-	-	4,616	13,671	23,119	51,405	2,766	221,601	211
2,123,516	40,204	32,925	31,824	19,969	16,378	5,286	60,111	42,661	22,236	11,349	26,362	28,853	338,159	260
2,026,766	16,189	14,567	12,964	4,946	-	-	-	-	-	2,161	11,867	14,060	76,755	272
2,027,581	14,967	11,741	9,966	3,120	-	-	-	22	-	2,203	10,344	11,447	63,810	354
1,553,327	42,681	35,702	33,997	16,913	7,823	54	-	-	-	11,413	26,212	30,474	205,268	152
2,133,053	11,144	8,522	6,220	4,072	-	-	-	-	-	982	6,259	6,877	44,076	257
2,133,091	94,290	93,960	97,220	87,990	88,350	83,600	87,550	77,870	75,200	84,980	90,470	90,850	1,052,330	278
2,064,979	106,423	39,236	34,320	21,002	9,904	14,338	15,665	15,131	14,945	11,504	17,912	20,825	321,204	235
1,658,884	117,567	99,609	102,232	33,698	16,361	22,912	19,670	22,279	17,859	29,722	58,049	81,936	621,894	240
1,553,324	35,965	30,015	28,086	9,149	-	-	-	-	57	3,636	24,403	28,948	160,259	167
1,601,878	42,904	41,900	39,439	4,935	1,480	-	-	978	-	3,790	29,032	30,561	195,020	429
1,724,219	24,496	24,100	26,086	18,408	19,869	18,734	18,294	18,517	20,088	18,491	20,059	17,626	244,768	251
1,526,468	22,983	19,128	9,762	2,072	-	-	64	-	11	534	7,540	9,217	71,310	100
1,987,803	54,193	43,174	36,017	17,191	40,531	55,055	54,351	55,339	54,628	47,641	59,005	57,888	575,013	296
1,989,421	24,729	22,788	15,190	2,287	-	-	-	-	-	366	8,359	13,700	87,419	400
2,024,719	10,436	10,031	8,423	2,485	1,632	1,740	1,946	1,998	2,211	2,350	5,697	7,442	56,391	573
1,621,319	45,401	45,070	39,825	21,091	16,561	10,502	9,473	8,516	9,740	14,736	32,097	38,295	291,307	65
1,785,666	28,520	39,940	36,663	20,503	940	-	-	-	-	1,248	22,735	19,712	170,262	163
2,023,955	103,127	94,281	93,556	52,595	8,918	6,543	7,192	6,009	7,259	21,837	79,019	96,351	576,688	149
2,027,392	14,001	12,236	12,228	9,226	6,863	6,146	6,135	5,357	5,254	6,084	9,242	10,576	103,349	400
1,389,588	47,386	40,682	36,764	17,472	3,544	1,993	2,127	2,345	2,339	8,048	26,011	31,860	220,569	209
2,027,498	22,902	18,751	23,291	27,431	26,427	20,906	19,871	18,021	20,375	22,276	22,271	21,090	263,612	90
2,035,986	5,040	4,626	5,158	3,897	3,183	2,965	2,660	2,623	522	3,380	3,640	4,677	42,372	599
2,026,772	15,449	13,997	11,065	1,625	32	4	4	2	-	95</				

2,027,476	9,430	8,261	7,758	6,089	5,111	4,336	4,525	4,474	5,120	5,826	8,574	9,644	79,148	82
2,012,853	5,115	4,863	4,738	3,199	964	131	301	253	439	1,576	3,696	4,053	29,328	72
2,012,857	4,304	4,225	4,136	1,955	460	315	105	203	492	1,072	3,000	3,338	23,607	72
2,012,851	3,947	3,875	3,779	2,174	806	147	209	267	531	1,385	3,084	3,595	23,800	90
2,025,003	6,300	5,014	4,360	2,417	1,994	2,174	1,764	2,144	2,268	2,852	4,107	4,721	40,114	54
2,025,082	3,628	3,197	2,582	1,670	573	-	-	1	-	1,282	2,321	2,692	17,947	75
1,987,801	34,031	27,999	26,366	12,877	5,696	10,538	19,061	19,066	9,514	7,921	22,027	27,555	222,651	75
2,027,524	36,598	30,067	28,377	13,658	6,460	11,982	21,145	21,141	10,766	8,838	23,767	29,708	242,507	207
1,611,615	11,272	9,409	7,624	2,368	157	-	-	1	12	943	5,639	5,258	42,682	189
1,526,426	31,869	27,287	30,003	13,870	3,750	3,036	3,374	3,484	3,428	9,778	24,091	28,564	182,534	784
1,546,088	47,537	32,093	33,880	14,409	6,154	5,288	5,362	4,212	3,758	8,670	21,027	26,197	208,586	50
2,123,490	8,151	5,864	5,315	1,309	3,418	5,526	5,944	5,467	5,628	1,134	2,910	4,506	55,172	50
1,526,435	112,680	93,587	89,808	62,642	50,745	40,056	37,870	40,936	44,539	54,925	71,699	86,307	785,796	600
2,116,157	44,580	43,610	42,960	28,160	22,320	18,340	17,270	16,900	17,420	21,750	32,550	38,300	344,160	86
1,658,874	50,972	48,178	57,368	45,326	37,568	38,760	26,435	35,409	35,602	41,646	41,203	37,272	495,739	402
1,393,766	23,640	22,310	20,200	7,390	4,680	2,760	2,570	3,060	2,770	4,400	11,130	16,050	120,960	187
2,026,874	6,148	5,376	4,945	1,949	264	-	-	3	-	1,218	3,233	3,900	27,036	703
1,954,683	-	-	95,995	40,336	25,726	23,756	23,189	24,250	25,478	23,702	23,219	32,249	337,900	200
1,685,268	13,000	8,921	7,664	1,246	-	-	-	-	32	507	5,146	5,339	41,855	144
2,027,381	5,671	4,831	4,205	1,823	1,243	1,189	1,125	1,002	1,152	1,387	3,472	4,304	31,404	513
2,027,430	5,694	4,814	4,193	1,811	1,245	1,195	1,130	1,009	1,170	1,381	3,481	4,335	31,458	232
2,027,642	26,487	18,543	15,150	3,961	-	-	-	-	79	2,488	10,856	14,340	91,903	392
1,611,637	31,370	26,990	23,480	11,170	6,390	5,470	4,800	5,240	5,900	8,550	18,560	21,660	169,580	346
2,115,588	14,058	10,979	11,298	3,478	2,018	1,836	1,772	2,025	1,835	2,031	6,280	8,292	65,902	100
2,115,589	12,550	9,788	10,144	3,288	1,869	1,661	1,581	1,811	1,693	1,985	5,702	7,494	59,566	168
2,023,812	17,173	13,602	12,176	2,487	2,242	1,999	1,899	1,948	2,004	3,700	9,489	12,573	81,292	235
1,402,992	48,251	41,833	36,006	15,495	4,221	2,727	2,563	2,612	2,668	10,302	30,950	38,198	235,825	500
2,023,952	36,835	30,366	32,037	9,615	5,949	5,037	5,318	5,458	5,868	11,454	31,388	44,581	223,906	140
1,771,898	8,358	-	1,889	23,515	56,581	97,500	86,355	67,276	83,357	123,643	59,140	26,113	633,728	648
1,722,906	23,827	21,324	19,265	10,644	-	-	-	-	-	3,925	16,027	22,396	117,407	222
2,036,145	13,969	10,837	8,468	2,094	1,727	1,577	1,340	1,621	1,816	2,413	5,334	6,750	57,946	25
2,027,591	5,271	4,317	5,125	917	2,772	1,662	1,395	1,326	1,512	1,893	2,698	2,934	31,820	83
1,685,280	41,360	34,670	37,184	35,891	49,808	50,652	33,960	34,018	33,792	33,426	29,754	33,242	447,757	75
1,356,070	86,175	74,507	73,737	44,871	34,594	18,453	19,676	20,788	26,257	35,715	53,981	60,306	549,060	215
2,027,620	21,104	17,964	15,452	7,009	18	3	9	-	-	4,448	10,087	14,510	90,604	424
2,026,737	11,589	10,065	8,592	2,409	-	-	-	-	55	480	6,685	8,695	48,569	143
1,989,422	7,875	7,610	5,052	-	-	-	-	-	-	89	3,472	6,113	30,212	73
2,027,589	12,744	11,212	10,229	3,830	230	-	-	-	-	987	6,607	8,875	54,714	153
1,906,630	6,794	6,122	4,626	989	-	-	-	-	-	417	4,139	4,903	27,990	43
1,526,470	12,946	11,986	8,170	2,114	-	-	-	-	-	-	9,308	9,429	53,953	186
2,036,193	-	-	98,800	3,800	-	-	-	-	-	1,200	10,900	15,100	129,800	126
2,064,980	81,877	83,524	60,838	18,348	-	-	-	-	114	7,504	39,482	63,948	355,636	223
2,123,489	10,369	10,301	7,884	2,296	1	-	-	-	1	1,683	7,325	4,924	44,784	190
2,115,842	11,124	8,982	5,922	1,553	86	-	-	-	4	467	4,449	4,211	36,798	748
2,024,706	9,441	7,481	5,524	1,139	-	-	-	-	-	324	3,462	4,987	32,359	156
1,414,492	37,321	33,195	26,589	4,816	-	-	-	-	-	2,415	17,541	26,003	147,879	154
2,115,141	8,293	5,536	4,566	1,385	32	-	-	-	29	722	2,583	3,966	27,112	26
1,987,786	11,223	11,035	7,904	2,039	-	-	17	5	57	1,374	7,645	11,608	52,907	48
1,987,809	23,924	17,404	12,379	5,609	2,115	692	91	182	989	3,747	8,934	13,120	89,185	48
2,115,143	-	-	-	-	-	-	-	-	-	-	-	8,887	8,887	750
2,036,195	40,187	38,685	24,281	7,326	104	-	-	-	-	940	15,498	19,921	146,943	120
2,036,189	20,732	19,193	16,416	3,612	-	-	-	-	11	1,056	10,032	15,941	86,993	168
2,116,149	8,884	8,411	6,255	2,533	-	-	-	-	-	968	3,599	6,393	37,042	341
2,024,367	7,762	6,443	4,402	717	-	-	-	1	-	118	2,993	3,665	26,102	26
1,389,592	1,556	23,468	18,016	6,980	32	11	-	-	-	1,751	10,695	14,024	76,532	235
2,036,185	25,952	22,036	19,425	5,443	-	-	-	11	-	2,400	13,511	20,226	109,002	72
2,027,464	-	35,596	11,471	4,451	41	-	-	-	293	1,832	10,274	14,728	78,686	424
2,024,389	-	-	-	-	-	-	-	-	19,152	58	1,749	2,393	23,352	90
2,115,136	11,216	10,374	9,148	2,359	1	1	-	1	1	662	5,606	6,107	45,476	72
2,115,833	-	-	-	-	-	-	-	-	-	-	-	5,360	5,360	690
2,123,513	-	-	-	-	-	-	-	-	-	-	-	22,330	22,330	380
1,987,496	15,858	12,153	10,711	2,396	115	-	-	-	11	1,108	5,883	10,189	58,423	50
2,027,484	8,334	7,320	5,844	1,793	-	-	-	-	-	438	2,937	6,218	32,885	98
1,393,763	21,361	19,626	17,645	2,049	-	-	-	-	33	1,224	10,830	18,339	91,108	215
1,553,328	12,314	8,878	7,183	1,386	-	-	-	-	22	598	4,176	7,514	42,071	27
2,027,483	6,790	8,880	8,687	2,417	-	1	-	-	3	1,072	5,095	8,877	41,822	95
1,658,876	27,669	29,121	23,347	754	-	-	-	-	-	1,113	16,855	25,569	124,427	54
1,987,810	10,977	9,050	6,896	890	-	-	-	-	-	433	3,754	7,597	39,598	2,087
1,724,856	39,900	35,000	32,777	6,070	-	-	-	-	106	1,454	26,349	31,647	173,303	701
1,393,767	30,840	26,810	24,556	11,183	959	-	-	-	53	2,798	16,481	24,719	138,400	576
2,027,520	20,307	17,159	16,486	2,863	128	-	-	113	132	3,165	13,604	15,977	89,934	149
2,024,702	36,178	61,926	66,450	25,019	-	-	-	-	-	8,705	34,904	33,532	266,714	58
2,115,137	36,319	35,089	32,399	15,651	-	-	-	-	-	3,887	27,049	36,525	186,920	417
2,132,890	-	-	31,058	9,760	13	15	12	11	11	2,873	23,801	30,402	97,955	75
1,658,875	22,447	11	-	-	-	-	-	-	-	-	13,350	31,710	67,519	2,365
2,025,031	14,776	12,826	11,714	4,031	2	3	4	4	15	3,952	11,298	13,369	71,995	90
1,546,148	29,400	29,161	31,241	9,482	-	-	-	24	-	5,560	15,884	33,906	154,658	844
1,553,325	65,720	66,680	61,986	19,976	-	-	-	-	-	-	37,223	71,666	323,250	397
2,064,977	9,620	9,360	8,620	4,030	90	-	-	-	10	990	6,510	7,780	47,010	250
2,024,694	16,703	13,630	9,705	2,494	202	-	-	1	4	980	6,138	7,137	56,995	377
2,027,618	394	-	4	3	-	-	-	-	-	-	1,564	759	2,724	229
2,024,290	8,913	7,999	7,757	3,356	1,800	650	597	590	625	2,036	6,505	9,060	49,889	64
1,722,888	28,125	24,393	22,199	12,301	8,507	6,516	5,855	5,831	5,887	8,419	17,881	21,017	166,931	1,269
1,722,873	21,950	18,307	16,481	8,551	4,360	2,478	2,130	2,031	2,251	4,787	14,530	17,095	114,951	1,400
2,024,299	9,419	8,407	7,644	3,686	1,255	590	519	562	929	2,316	6,054	7,672	49,052	64
2,024,285	8,233	6,921	6,338	3,282	1,475									

1,658,882	45,693	36,615	28,623	3,084	-	-	-	-	-	3,607	20,050	26,070	163,742	31
2,116,150	18,869	16,724	14,905	4,781	1,219	1,122	1,149	1,119	861	4,106	11,287	13,659	89,801	270
1,723,900	46,852	38,263	31,730	21,957	24,276	22,871	23,080	24,092	24,449	22,274	23,967	27,596	331,405	453
1,701,739	48,808	42,613	42,720	33,108	32,254	29,050	27,875	28,409	28,409	31,613	46,885	66,750	458,492	83
2,115,901	752	636	545	202	1	-	-	-	-	26	397	508	3,067	925
1,987,683	1,839	1,629	1,506	441	-	-	-	-	1	84	1,206	1,588	8,294	302
2,115,434	1,116	897	737	280	-	-	-	-	1	20	553	722	4,326	541
1,987,633	3,918	3,392	2,872	185	-	-	-	-	3	111	2,272	3,157	15,910	1,252
2,035,694	1,696	1,524	1,114	283	1	-	-	-	-	20	803	1,237	6,678	60
2,023,825	7,531	6,151	5,750	1,840	286	33	-	-	-	67	4,350	7,224	33,231	541
2,027,563	8,948	7,532	5,390	184	-	-	-	-	-	411	4,771	6,387	33,623	388
2,027,536	7,223	6,465	5,979	313	-	-	-	-	-	771	4,218	6,362	31,331	416
1,722,889	11,765	10,774	8,403	4,033	77	-	-	-	-	2,169	8,106	10,113	55,439	373
2,026,870	9,989	8,548	8,029	1,890	-	-	-	1	13	9	2,494	2,485	33,458	1,851
1,806,079	26,311	23,526	21,571	10,774	5,122	1,471	655	342	1,680	6,683	16,687	22,243	137,066	107
2,027,641	17,316	14,194	11,509	4,184	443	-	-	-	1	466	9,065	12,447	69,625	368
2,024,992	2,437	2,014	1,665	618	69	-	-	-	-	213	1,138	1,486	9,641	1,851
2,025,099	5,965	3,857	3,436	700	94	-	-	-	-	222	2,427	3,506	20,208	54
1,986,388	6,584	5,331	4,556	681	-	-	-	-	-	371	3,418	4,598	25,538	38
1,526,404	18,320	15,570	14,670	8,590	3,770	2,800	3,120	3,140	3,270	5,560	12,930	14,550	106,290	523
1,909,334	6,088	5,094	4,678	2,567	1,559	1,213	821	816	831	2,122	3,980	4,845	34,414	98
2,027,383	9,688	8,310	7,732	1,674	-	-	-	-	-	61	5,041	6,599	39,105	645
1,701,736	451,800	556,500	1,202,200	128,100	-	-	-	-	-	22,500	438,900	2,800,000	2,800,000	60
1,701,737	461,200	572,200	1,238,100	131,700	-	-	-	-	-	-	17,500	352,700	2,773,400	432
1,440,487	3,990	3,100	2,350	490	-	-	-	-	-	470	7,710	10,670	28,780	424
1,611,015	-	100	400	17,200	11,900	25,300	54,200	47,600	85,600	59,200	19,500	6,200	327,200	547
1,403,018	16,145	14,925	10,987	2,408	115	-	-	11	117	970	6,085	10,976	62,738	1,225
1,786,008	328,900	398,100	404,607	264,061	197,772	168,836	165,614	168,222	173,373	226,758	319,708	370,045	3,185,995	5,500
1,658,885	21,600	200	4,530	313	208	9,119	6,599	7,756	16,689	855	952	3,517	72,338	55
2,064,981	630,500	770,500	753,372	473,682	351,575	282,368	278,676	292,524	324,009	424,084	681,763	536,505	5,799,558	11,586
2,064,982	-	-	-	-	-	-	320	-	-	-	-	222,000	222,320	5,500
1,884,569	47,500	59,600	61,351	40,576	29,385	23,901	24,677	27,717	30,932	32,445	51,133	61,585	490,802	1,222
1,786,009	301,800	364,900	371,099	243,145	182,663	156,251	153,806	157,348	161,785	211,176	296,799	343,301	2,944,072	5,500
2,027,386	7,541	7,101	6,103	7,304	8,158	8,661	7,363	7,786	7,773	5,488	8,312	5,285	86,875	141
2,023,953	87,983	76,896	78,509	54,267	35,727	26,083	22,845	24,549	24,708	39,976	58,731	59,152	589,425	576
2,027,529	69,514	57,921	53,414	22,479	10,496	8,841	6,223	7,871	8,692	16,403	43,341	52,779	357,974	706
2,035,886	2,323	6,728	7,619	6,161	4,772	2,709	2,422	1,001	3,438	10,683	14,825	11,872	74,553	95
1,526,433	67,248	58,068	55,946	41,267	36,415	31,670	30,521	31,104	29,906	36,472	48,909	54,213	521,738	1,043
2,116,160	36,152	33,516	31,515	11,412	313	-	-	-	-	5,255	22,175	32,498	172,836	547
2,027,433	17,300	14,600	12,514	3,037	1,008	2,415	3,365	2,423	2,002	1,693	6,021	7,104	73,481	450
2,027,434	-	-	-	-	-	1,891	2,517	2,229	1,859	1,310	4,494	5,457	19,757	455
1,909,300	1,177,210	1,622,880	1,443,720	1,707,900	437,320	224,810	175,970	234,910	165,370	600,630	565,900	1,146,450	9,503,070	-
1,685,277	-	-	-	-	-	-	-	-	-	-	-	22,680	22,680	380
1,546,146	27,412	21,513	20,076	10,149	6,054	5,054	4,733	4,829	5,432	7,097	13,782	17,859	143,988	313
1,582,089	68,781	56,673	52,463	23,800	8,292	5,687	5,225	5,066	6,006	19,537	36,571	43,086	331,187	479
1,526,425	27,807	23,277	21,496	11,229	3,473	1,960	1,908	2,368	2,418	8,876	17,710	16,665	139,187	360
2,024,714	11,351	10,004	8,687	1,691	31	-	-	-	-	529	5,867	9,381	47,541	167
2,064,820	3,215	3,190	2,641	393	-	-	-	-	-	269	2,660	3,901	16,269	99
1,526,476	78,638	34,717	29,821	16,526	13,953	15,609	17,655	14,274	16,368	16,198	20,166	23,826	297,751	43
2,036,187	58,668	53,840	44,610	22,084	2,583	-	-	-	341	10,533	31,723	39,205	263,586	576
2,027,583	3,144	1,927	1,726	1,484	1,546	1,512	1,559	1,590	1,599	1,677	5,907	9,764	33,435	202
2,116,162	191,200	161,100	159,000	110,700	95,000	85,100	82,700	78,200	86,900	98,500	131,000	140,600	1,420,000	2,549
2,027,494	26,701	23,408	21,907	6,875	-	-	-	-	-	3,875	18,948	22,547	124,261	100
2,123,463	4,918	3,569	3,461	1,915	1,642	1,256	1,108	1,062	1,259	1,604	2,698	3,527	28,018	80
2,123,484	4,392	3,180	3,052	1,655	1,451	1,131	1,004	954	1,134	1,423	2,348	3,152	24,876	119
2,123,467	7,355	6,528	6,137	1,755	841	686	602	599	624	1,537	4,954	5,954	37,572	80
2,115,593	19,583	16,830	16,621	10,096	6,496	6,199	6,319	2,586	8,009	10,944	14,361	18,183	136,227	388
1,575,425	16,300	13,930	11,130	1,010	-	-	-	-	10	-	5,490	9,050	56,920	383
1,724,210	16,163	11,607	11,413	5,730	6,069	1,461	-	6,883	-	10,630	16,294	11,149	97,399	449
2,025,146	13,936	12,667	8,954	2,236	-	-	-	-	23	830	5,557	5,895	50,098	140
2,025,172	12,287	11,174	7,970	1,979	-	-	-	-	20	731	4,964	5,246	44,370	175
2,027,443	-	-	-	-	-	-	-	-	-	-	-	15,992	15,992	430
1,526,478	38,597	37,365	28,067	6,932	223	-	-	-	113	5,514	19,585	32,094	168,491	135
2,027,160	10,257	9,711	9,237	2,074	-	-	11	-	-	929	7,228	9,093	48,538	164
2,024,698	9,104	7,640	6,674	2,308	82	1	-	1	1	799	4,451	6,304	37,365	272
1,601,880	17,980	14,780	13,785	5,139	63	-	-	-	-	1,213	10,653	14,139	77,751	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.