

Philadelphia Gas Works

Before The

Pennsylvania Public Utility Commission

**Computation of Annual Purchased Gas Costs
For Twelve Months Ending August 31, 2014**

66 Pa.C.S. § 1307(f)

Information Submitted Pursuant To:

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

February 1, 2013

Philadelphia Gas Works 1307f - 2010 Prefiling

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Philadelphia Gas Works

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

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

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

Response:

Please see the attached document. PGW's next Annual Resource Planning Report (Forms 1 and 2) is due for submission to the Commission on March 1, 2013 and an updated Annual Resource Planning Report is not available at this time.

ANNUAL RESOURCE PLANNING REPORT

Philadelphia Gas Works

Philadelphia, Pennsylvania

March 2012

Forms 1 & 2

BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION

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

**ANNUAL RESOURCE PLANNING REPORT
MARCH 2012**

Forms 1 & 2

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

PHILADELPHIA GAS WORKS

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

Section 59.81: **General**

Pursuant to Section 59.81 (a), each major jurisdictional gas utility must file an annual resource planning report (ARPR) on or before June 1, 1996 and June 1 of each succeeding year, except Form 1A/2A which filing date is March 1. 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, Gas Planning, Rates, & Federal Regulatory at 215-684-6317. The following individual is available to answer questions concerning Forms 1 and 2: Ms. Maria Hogan, Manager – Gas Planning at (215) 684-6618.

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

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

Response: Please see the attached documentation and forms.

Section 59.81

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

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

Response:

Please see the attached documentation and forms.

BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION

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

Annual Resource Planning Summary Report

Filed: March 2012

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

PHILADELPHIA GAS WORKS
2012 Annual Resource Planning Summary Report

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SECTION V -- PGW Corporate Modeling System

Introduction

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

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

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

I. PGW's Overall Approach to Integrated Resource Planning

PGW Optimization Standard for Purchasing and Utilizing Gas Supplies

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

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

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

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

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

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

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

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

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

PGW's supply strategy incorporates maintaining full current winter day deliverability with regard to transportation capacity but to convert, where possible, to storage rather than winter flowing contracts to enhance financial and operational flexibility. A variety of longer term supply contracts are necessary to support pipeline transportation capacity because reliance upon best effort spot suppliers to fill wintertime supply requirements to meet firm customers' demands has proven to be an unreliable alternative. As a result longer-term contracts are utilized to support firm transportation capacity. To accomplish this end, the Company purchases winter supply contracts with daily deliverability equal to approximately 50% 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 27% of pipeline capacity, is purchased gas based on a first-of-the-month index pricing methodology with contracts that allow for daily change in volumetric take. This allows the Company to effectively shut-off higher priced supply replacing such supply with daily cheaper spot priced gases. Under assumed normal winter conditions, PGW utilizes certain storage fields (Eminence and Washington) in a manner similar to third party supply. Specifically, these storage contracts do not contain

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

transportation to the PGW city gate. Therefore, these storages must flow within PGW's contractual upstream capacity rights on TGPL. Delivery from these fields utilizes approximately 23% of the daily TETCO and TGPL capacity rights to the Philadelphia city gates. These storage fields also act as a physical fixed price to counter winter price conditions since the WACOG usually reflects a winter/summer pricing differential. PGW's summer purchasing strategy also incorporates a portfolio approach to the purchase of system supply and storage refill. The GCR filing is again used as a yardstick in purchasing supply for both system supply and storage refill. PGW attempts to always purchase a portion of its supply needs below the projected GCR cost estimate with a portion of the portfolio purchased at default, first-of-the-month pricing. These first of the month pricing option contracts, in most instances, allow PGW to evaluate daily spot prices and provide for a turn-off of first-of-the-month index priced supply in favor of the purchase of more advantageous daily spot purchases.

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

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

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

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

Customer Demand

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

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

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

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

In addition, consideration must be given to the variation of customer utilization patterns for space heating over the year, recognizing the transitional fall start-up of heaters, the deep winter period needs and the tapering off and shut-down which occurs in the spring. These usage patterns taken in conjunction with anticipated customer counts and appropriate temperature patterns form the basis of determining class and total system demands. Due to the inconsistencies of weather and weather forecasting techniques, no attempt is made to predict the specific daily temperatures of the projection period. Instead PGW has developed a normal monthly temperature pattern by analyzing statistical records of actual temperature patterns over a 30-year period. This pattern reflects 4332 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 4332 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.

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

Index Year Actual Year	Historical Data		Three Year Forecast			
	-2 2009-2010	-1 2010-2011	0 2011-2012	1 2012-2013	2 2013-2014	3 2014-2015
Firm Requirements:						
Retail Residential	35,295	38,011	35,337	39,687	39,221	38,423
Retail Commercial	8,924	9,421	8,814	9,761	9,736	9,720
Retail Industrial	570	582	592	633	616	606
Electric Power Generation	-	-	-	-	-	-
Exchanges with Other Utilities	-	-	-	-	-	-
Unaccounted For Gas	1,424	2,430	1,357	2,046	1,975	1,945
Company Use	632	466	581	611	624	660
Other - Prior Period Adjustment	-	-	-	-	-	-
Subtotal Firm	46,846	50,910	46,682	52,737	52,172	51,354
Interruptible Requirements:						
Retail	1,038	991	212	557	510	472
Electric Power Generation	12	13	12	9	8	7
Company's Own Plant	67	66	88	115	115	115
Unaccounted For Gas	43	47	7	22	20	18
Subtotal Interruptible	1,160	1,117	320	702	653	613
SUBTOTAL FIRM AND INTERRUPTIBLE	48,006	52,027	47,002	53,440	52,825	51,967
Transportation:						
Firm Residential	15	25	8	-	-	-
Firm Commercial	2,145	2,391	2,564	2,941	3,099	3,226
Firm Industrial	238	355	296	268	279	286
Interruptible Residential	-	-	-	-	-	-
Interruptible Commercial	5,834	6,199	6,691	7,195	7,470	7,739
Interruptible Industrial	6,489	5,783	6,284	6,852	7,100	7,345
Other - Non-Utility Power Producers	8,901	10,984	10,165	10,386	10,386	10,386
Subtotal Transportation	23,622	25,737	26,009	27,641	28,334	28,982
TOTAL GAS REQUIREMENTS	71,627	77,763	73,011	81,081	81,159	80,949
Increase (Decrease)		6,136	(4,752)	8,070	78	(211)
Percent Change (%)		8.6%	-6.6%	11.1%	0.1%	-0.3%

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

Index Year Actual Year	Historical Data		Current Year ⁽²⁾	Three Year Forecast ⁽¹⁾		
	-2 2009-2010	-1 2010-2011	0 2011-2012*	1 2012-2013	2 2013-2014	3 2014-2015
Firm Requirements:						
Retail Residential	345	348	466	484	478	468
Retail Commercial	87	86	116	119	119	119
Retail Industrial	6	5	8	8	8	7
Electric Power Generation	-	-	-	-	-	-
Exchanges with Other Utilities	-	-	-	-	-	-
Unaccounted For Gas	14	22	18	25	24	24
Company Use	6	4	8	7	8	8
Other	-	-	-	-	-	-
Subtotal Firm	458	466	616	644	636	626
Interruptible Requirements:						
Retail	5.5	4.7	2.3	6.9	6.3	5.7
Electric Power Generation	-	0.03	0.03	0.03	0.02	0.02
Company's Own Plant	1.2	0.5	0.6	0.6	0.6	0.6
Unaccounted For Gas	0.3	0.2	0.1	0.3	0.3	0.2
Subtotal Interruptible	6.9	5.4	3.0	7.8	7.2	6.6
SUBTOTAL FIRM AND INTERRUPTIBLE	465	471	619	651	644	633
Transportation:						
Firm Residential	0.1	0.2	-	-	-	-
Firm Commercial	17	17	29	31	33	34
Firm Industrial	2	2	3	2	2	3
Interruptible Residential	-	-	-	-	-	-
Interruptible Commercial	38	40	-	-	-	-
Interruptible Industrial	21	21	-	-	-	-
Other - Non-Utility Power Producers	34	36	-	-	-	-
Subtotal Transportation	113	116	32	33	35	37
TOTAL GAS REQUIREMENTS	578	587	651	684	679	669
Increase (Decrease) Percent Change (%)		9 1.6%	64 10.8%	34 5.2%	(6) -0.8%	(9) -1.4%

- (1) Peak Day is forecasted at a 2 degree temperature.
(2) Current Year Peak Day is forecasted at a 5 degree temperature.
* Revised - March 7, 2012

(Volumes in MMcf)

* Revised - March 7, 2012

[illegible]

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

Index Year Actual year	Historical Data				Current Year				Three Year Forecast			
	-2		-1		0		1		2		3	
	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
Transcontinental Transmission Corp.	Annual 4,004	Annual 4,004	Annual 4,004	Annual 4,004	Annual 4,004	Annual 4,004	Annual 4,004	Annual 4,004	Annual 4,004	Annual 4,004	Annual 4,004	Annual 4,004
Dominion Transmission Inc.	Peak 3,627	Peak 3,627	Peak 3,627	Peak 3,627	Peak 3,627	Peak 3,627	Peak 3,627	Peak 3,627	Peak 3,627	Peak 3,627	Peak 3,627	Peak 3,627
Transcontinental Transmission Corp.	Peak 3,122	Peak 3,122	Peak 3,122	Peak 3,122	Peak 3,122	Peak 3,122	Peak 3,122	Peak 3,122	Peak 3,122	Peak 3,122	Peak 3,122	Peak 3,122
Texas Eastern Transmission Corp.	Peak 2,383	Peak 2,383	Peak 2,383	Peak 2,383	Peak 2,383	Peak 2,383	Peak 2,383	Peak 2,383	Peak 2,383	Peak 2,383	Peak 2,383	Peak 2,383
Texas Eastern Transmission Corp.	Peak 2,216	Peak 2,216	Peak 2,216	Peak 2,216	Peak 2,216	Peak 2,216	Peak 2,216	Peak 2,216	Peak 2,216	Peak 2,216	Peak 2,216	Peak 2,216
Transcontinental Transmission Corp.	Peak 1,066	Peak 1,066	Peak 1,066	Peak 1,066	Peak 1,066	Peak 1,066	Peak 1,066	Peak 1,066	Peak 1,066	Peak 1,066	Peak 1,066	Peak 1,066
Equitrans	Peak 489	Peak 489	Peak 489	Peak 489	Peak 489	Peak 489	Peak 489	Peak 489	Peak 489	Peak 489	Peak 489	Peak 489
Transcontinental Transmission Corp.	Peak 438	Peak 438	Peak 438	Peak 438	Peak 438	Peak 438	Peak 438	Peak 438	Peak 438	Peak 438	Peak 438	Peak 438
Total	17,345	17,345	17,345	17,345	17,345	17,345	16,993	16,993	16,993	16,993	16,993	16,993

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

Conversions at 1030 Btu

	Contract Expiration Date ⁽²⁾
Transcontinental Transmission Corp.	03/31/2013
Dominion Transmission Inc.	03/31/2014
Transcontinental Transmission Corp.	10/31/2012
Texas Eastern Transmission Corp.	04/30/2017
Texas Eastern Transmission Corp.	04/30/2017
Transcontinental Transmission Corp.	10/31/2012
Equitrans	03/31/2013
Transcontinental Transmission Corp.	04/15/2013

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

Tab 5

Philadelphia Gas Works

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

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

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

Response:

I. Current Strategy

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

Item 53.64(c)(6) continued

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

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

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

Item 53.64(c)(6) continued

II. Overview of Gas Supply Section

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

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

III. Organization and Staffing

Director of Gas Transportation and Gas Control: This person has over a twenty-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 seventeen 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 sixteen 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, 2012 to December 31, 2012.

Schedule 1 – reflects all off system sales margins for the period January 1, 2012 to December 31, 2012.

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, 2012 to December 31, 2012.

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, 2012

Off-System Sales			
MONTH	Total Revenue	Ratepayer Margin	Total Credit
Jan-12	\$0	\$0	\$0
Feb-12	\$0	\$0	\$0
Mar-12	\$0	\$0	\$0
Apr-12	\$0	\$0	\$0
May-12	\$0	\$0	\$0
Jun-12	\$0	\$0	\$0
Jul-12	\$0	\$0	\$0
Aug-12	\$0	\$0	\$0
Sep-12	\$0	\$0	\$0
Oct-12	\$0	\$0	\$0
Nov-12	\$0	\$0	\$0
Dec-12	\$0	\$0	\$0

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

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

Off System Sale Profits Per WACOG Worksheet

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

Philadelphia Gas Works
Pennsylvania Public Utilities Commission
52 Pa. Code §53.61, et seq.
For the Twelve Months Ending December 31, 2012

Schedule 3
Item 53.64(C)(7)

	Capacity Release			
	Total		Total	
	TGPL		TETCO	Total
MONTH	Credits		Credits	Credits
Jan-12	\$ 446,296	\$	286,169	\$ 732,465
Feb-12	\$ 420,236	\$	280,756	\$ 700,992
Mar-12	\$ 420,731	\$	299,551	\$ 720,282
Apr-12	\$ 475,500	\$	353,186	\$ 828,686
May-12	\$ 398,808	\$	496,809	\$ 895,617
Jun-12	\$ 533,948	\$	452,541	\$ 986,489
Jul-12	\$ 552,109	\$	479,452	\$ 1,031,561
Aug-12	\$ 552,298	\$	465,061	\$ 1,017,358
Sep-12	\$ 311,104	\$	324,903	\$ 636,007
Oct-12	\$ 336,608	\$	231,345	\$ 567,953
Nov-12	\$ 238,151	\$	184,290	\$ 422,440
Dec-12	\$ 247,557	\$	189,797	\$ 437,353
TOTAL	\$ 4,933,345	\$	4,043,860	\$ 8,977,204

M / YR	PIPELINE	PATH	RECALL STATUS	MONTHLY VOLUME	MONTHLY CREDIT	CREDIT DTH	TOTAL CREDIT	REPLACEMENT SHIPPER
January-12	TETCO	ELA - M-3	N	310	\$ 116,33	\$ 0,4398	\$ 116,33	CNE Gas Supply
	TETCO	ELA - M-3	N	9763	\$ 4,394,64	\$ 0,4398	\$ 4,394,64	So Jersey Res
	TETCO	ELA - M-3	N	1,271	\$ 43,58,98	\$ 0,4398	\$ 43,58,98	UGI
	TETCO	ELA - M-3	N	100,844	\$ 4,394,64	\$ 0,4398	\$ 4,394,64	PPL
	TETCO	ELA - M-3	N	84,444	\$ 37,138,47	\$ 0,4399	\$ 37,138,47	Calpine Ener
	TETCO	ELA - M-3	N	93	\$ 40,91	\$ 0,4399	\$ 40,91	
	TETCO	ELA - M-3	N	486,048	\$ 199,648,68	\$ 0,4100	\$ 199,648,68	
	TETCO	ELA - M-3	N	683,674	\$ 286,168,77	\$ 0,4100	\$ 286,168,77	
	TRANSCO	3-6	N	93	\$ 40,30	\$ 0,4333	\$ 40,30	PPL ENERGYPLUS
	TRANSCO	3-6	N	3,41	\$ 147,87	\$ 0,4336	\$ 147,87	S. JERSEY RES.
	TRANSCO	3-6	N	1,302	\$ 563,44	\$ 0,4343	\$ 563,44	CNE GAS SUPPLY LLC
	TRANSCO	3-6	N	9,796	\$ 4,253,20	\$ 0,4342	\$ 4,253,20	So Jersey Res
February-12	TETCO	ELA - M-3	N	87	\$ 271,88	\$ 0,4342	\$ 271,88	Spartan Operating Resources
	TETCO	ELA - M-3	N	8,6	\$ 3,138,47	\$ 0,4342	\$ 3,138,47	UGI Energy
	TETCO	ELA - M-3	N	100,843	\$ 43,785,02	\$ 0,4342	\$ 43,785,02	BP Energy Co
	TRANSCO	3-6	N	310,000	\$ 180,730,00	\$ 0,3830	\$ 180,730,00	BP Energy Co
	TRANSCO	3-6	N	310,000	\$ 180,730,00	\$ 0,3810	\$ 180,730,00	BP Energy Co
	TRANSCO	3-6	N	616,616	\$ 446,296,48	\$ 0,3810	\$ 446,296,48	
	TETCO	ELA - M-3	N	9,135	\$ 4,060,51	\$ 0,4445	\$ 4,060,51	Sprague
	TETCO	ELA - M-3	N	87	\$ 38,67	\$ 0,4445	\$ 38,67	PPL
	TETCO	ELA - M-3	N	87,116	\$ 38,723,06	\$ 0,4445	\$ 38,723,06	UGI
	TETCO	ELA - M-3	N	91,814	\$ 40,811,32	\$ 0,4445	\$ 40,811,32	UGI
	TETCO	ELA - M-3	N	1,624	\$ 731,88	\$ 0,4445	\$ 731,88	So Jersey Res
	TETCO	ELA - M-3	N	380	\$ 257,81	\$ 0,4445	\$ 257,81	Contribution
March-12	TETCO	ELA - M-3	N	380	\$ 9,735,00	\$ 0,1638	\$ 9,735,00	Sequent
	TETCO	ELA - M-3	N	453,532	\$ 186,768,12	\$ 0,4100	\$ 186,768,12	Calpine
	TETCO	ELA - M-3	N	646,468	\$ 280,736,37	\$ 0,4100	\$ 280,736,37	
	TRANSCO	3-6	N	290,000	\$ 169,070,00	\$ 0,3830	\$ 169,070,00	BP Energy
	TRANSCO	3-6	N	290,000	\$ 168,490,00	\$ 0,3810	\$ 168,490,00	BP Energy
	TRANSCO	3-6	N	87	\$ 37,170	\$ 0,4333	\$ 37,170	PPL
	TRANSCO	3-6	N	58	\$ 231,72	\$ 0,4333	\$ 231,72	Contribution
	TRANSCO	3-6	N	9,164	\$ 3,578,80	\$ 0,4342	\$ 3,578,80	Sprague
	TRANSCO	3-6	N	87,145	\$ 37,837,46	\$ 0,4342	\$ 37,837,46	UGI
	TRANSCO	3-6	N	90,814	\$ 39,864,56	\$ 0,4390	\$ 39,864,56	UGI
	TRANSCO	3-6	N	1,624	\$ 705,28	\$ 0,4343	\$ 705,28	So Jersey Res
	TRANSCO	3-6	N	769,414	\$ 420,335,52	\$ 0,4343	\$ 420,335,52	
April-12	TETCO	ELA - M-3	N	13,082	\$ 5,814,95	\$ 0,4445	\$ 5,814,95	Sprague
	TETCO	ELA - M-3	N	106,595	\$ 44,714,48	\$ 0,4445	\$ 44,714,48	UGI
	TETCO	ELA - M-3	N	155,000	\$ 11,005,00	\$ 0,0710	\$ 11,005,00	BP
	TETCO	STX - M-3	N	3,300	\$ 1,466,85	\$ 0,4445	\$ 1,466,85	So Jersey Res
	TETCO	STX - M-3	N	79,650	\$ 35,004,43	\$ 0,4445	\$ 35,004,43	UGI
	TETCO	STX - M-3	N	620	\$ 275,59	\$ 0,4445	\$ 275,59	Contribution
	TETCO	ELA - M-3	N	28955	\$ 1,180,00	\$ 0,4444	\$ 1,180,00	UGI
	TETCO	ELA - M-3	N	93	\$ 41,00	\$ 0,4409	\$ 41,00	PPL

For the Twelve Months Ending December 31, 2012

PIPELINE	PATH	RECALL STATUS	MONTHLY VOLUME DTH	TOTAL MONTHLY CREDIT	CREDIT DTH	TOTAL CREDIT	REPLACEMENT SHIPPER
TRANSCO	3-6	N	150,000	\$ 3,750.00	\$ 0.0250	\$ 3,750.00	Hees
TRANSCO	3-6	N	150,000	\$ 2,265.00	\$ 0.0151	\$ 2,265.00	UGI
TRANSCO	3-6	N	90	\$ 39.00	\$ 0.4333	\$ 39.00	JLA Energy
TRANSCO	3-6	N	600	\$ 260.70	\$ 0.4345	\$ 260.70	Tenaska
TRANSCO	3-6	N	1,870	\$ 1,680.30	\$ 0.4342	\$ 1,680.30	Sprague
TRANSCO	3-6	N	13,230	\$ 5,744.40	\$ 0.4342	\$ 5,744.40	VA Power
TRANSCO	3-6	N	84,870	\$ 36,649.60	\$ 0.4342	\$ 36,649.60	VA Power
TRANSCO	3-6	N	97,650	\$ 42,398.70	\$ 0.4342	\$ 42,398.70	Tenaska
TRANSCO	3-6	N	300,000	\$ 174,900.00	\$ 0.5830	\$ 174,900.00	BP Energy
TRANSCO	3-6	N	300,000	\$ 174,300.00	\$ 0.5810	\$ 174,300.00	BP Energy
TRANSCO	3-6	N	300,000	\$ 30,300.00	\$ 0.1010	\$ 30,300.00	Calpine
TRANSCO	3-6	N	120,000	\$ 3,012.00	\$ 0.0251	\$ 3,012.00	So Jersey
			1,520,310	\$		\$ 475,495.70	
May-12							
TETCO	WLA - M-3	N	86,459	\$ 38,431.03	\$ 0.4445	\$ 38,431.03	UGI
TETCO	WLA - M-3	N	14,787	\$ 6,572.82	\$ 0.4445	\$ 6,572.82	Sprague
TETCO	ELA - M-3	N	43,40	\$ 1,929.12	\$ 0.4445	\$ 1,929.12	So Jersey Gas
TETCO	STX - M-3	N	744	\$ 330.70	\$ 0.4445	\$ 330.70	Constellation
TETCO	STX - M-3	N	92	\$ 41.34	\$ 0.4493	\$ 41.34	PPL
TETCO	STX - M-3	N	124,000	\$ 4,402.00	\$ 0.0355	\$ 4,402.00	Twin Eagle
TETCO	ELA - M-3	N	100,874	\$ 44,770.37	\$ 0.4438	\$ 44,770.37	Hees
TETCO	ELA - M-3	N	486,948	\$ 199,648.68	\$ 0.4100	\$ 199,648.68	Calpine
TETCO	ELA - M-3	N	251,534	\$ 15,092.04	\$ 0.0600	\$ 15,092.04	Sequent
TETCO	ELA - M-3	N	558,000	\$ 92,795.46	\$ 0.1663	\$ 92,795.46	Grays Ferry
TETCO	STX - M-3	N	558,000	\$ 92,795.46	\$ 0.1663	\$ 92,795.46	Grays Ferry
			2,185,778	\$		\$ 496,809.02	
TRANSCO	3-6	N	155,000	\$ 3,348.00	\$ 0.0216	\$ 3,348.00	JLA Energy
TRANSCO	3-6	N	155,000	\$ 3,487.50	\$ 0.0225	\$ 3,487.50	Tenaska
TRANSCO	3-6	N	155,000	\$ 3,270.50	\$ 0.0211	\$ 3,270.50	Tenaska
TRANSCO	3-6	N	155,000	\$ 3,255.00	\$ 0.0210	\$ 3,255.00	Tenaska
TRANSCO	3-6	N	93	\$ 40.30	\$ 0.4333	\$ 40.30	PPL
TRANSCO	3-6	N	6,913	\$ 3,001.73	\$ 0.4342	\$ 3,001.73	Sprague
TRANSCO	3-6	N	87,668	\$ 38,064.59	\$ 0.4342	\$ 38,064.59	Hees
TRANSCO	3-6	N	119,691	\$ 51,968.71	\$ 0.4342	\$ 51,968.71	UGI
TRANSCO	3-6	N	310,000	\$ 103,230.00	\$ 0.3330	\$ 103,230.00	VA Power
TRANSCO	3-6	N	310,000	\$ 103,230.00	\$ 0.3330	\$ 103,230.00	VA Power
TRANSCO	3-6	N	310,000	\$ 44,330.00	\$ 0.1430	\$ 44,330.00	Tenaska
TRANSCO	3-6	N	310,000	\$ 39,122.00	\$ 0.1262	\$ 39,122.00	PPL
TRANSCO	3-6	N	60,000	\$ 2,460.00	\$ 0.0410	\$ 2,460.00	South Jersey
			2,134,365	\$		\$ 398,808.33	
June-12							
TETCO	ELA - M-3	N	84,330	\$ 37,484.69	\$ 0.4445	\$ 37,484.69	UGI
TETCO	STX - M-3	N	14,880	\$ 6,614.16	\$ 0.4445	\$ 6,614.16	Sprague
TETCO	STX - M-3	N	4,920	\$ 2,186.94	\$ 0.4445	\$ 2,186.94	So Jersey Gas
TETCO	ELA - M-3	N	1,320	\$ 586.74	\$ 0.4445	\$ 586.74	Constellation
TETCO	ELA - M-3	N	90	\$ 40.00	\$ 0.4444	\$ 40.00	PPL
TETCO	ELA - M-3	N	240,000	\$ 4,260.00	\$ 0.0178	\$ 4,260.00	Twin Eagle
TETCO	ELA - M-3	N	96,720	\$ 42,592.04	\$ 0.4445	\$ 42,592.04	Hees
TETCO	ELA - M-3	N	300,000	\$ 10,500.00	\$ 0.0350	\$ 10,500.00	Colonial
TETCO	ELA - M-3	N	50,000	\$ 635.00	\$ 0.0127	\$ 635.00	JLA
TETCO	ELA - M-3	N	654,690	\$ 193,208.40	\$ 0.2951	\$ 193,208.40	Calpine
TETCO	ELA - M-3	N	333,580	\$ 14,605.20	\$ 0.0435	\$ 14,605.20	Sequent
TETCO	ELA - M-3	N	540,000	\$ 69,714.04	\$ 0.1291	\$ 69,714.04	Grays Ferry
TETCO	ELA - M-3	N	540,000	\$ 69,714.04	\$ 0.1291	\$ 69,714.04	Grays Ferry
			2,862,530	\$		\$ 452,241.25	

PIPELINE	PATH	RECALL STATUS	MONTHLY VOLUME DTH	TOTAL MONTHLY CREDIT	CREDIT DTH	TOTAL CREDIT	REPLACEMENT SHIPPER
TRANSCO	3-6	N	150,000	\$ 3,750.00	\$ 0.0250	\$ 3,750.00	Louis Dreyfus
TRANSCO	3-6	N	150,000	\$ 2,265.00	\$ 0.0151	\$ 2,265.00	Total
TRANSCO	3-6	N	90	\$ 39.00	\$ 0.4333	\$ 39.00	PPL
TRANSCO	3-6	N	1,320	\$ 573.30	\$ 0.4343	\$ 573.30	CNE
TRANSCO	3-6	N	4,920	\$ 2,136.30	\$ 0.4342	\$ 2,136.30	So Jersey
TRANSCO	3-6	N	14,880	\$ 6,460.80	\$ 0.4342	\$ 6,460.80	Sprague
TRANSCO	3-6	N	84,160	\$ 36,628.20	\$ 0.4342	\$ 36,628.20	UGI
TRANSCO	3-6	N	96,720	\$ 41,994.90	\$ 0.4342	\$ 41,994.90	Ites
TRANSCO	3-6	N	300,000	\$ 174,900.00	\$ 0.5810	\$ 174,900.00	BP
TRANSCO	3-6	N	300,000	\$ 174,300.00	\$ 0.5810	\$ 174,300.00	BP
TRANSCO	3-6	N	300,000	\$ 30,300.00	\$ 0.1010	\$ 30,300.00	Calpine
TRANSCO	3-6	N	300,000	\$ 22,500.00	\$ 0.0750	\$ 22,500.00	Sasol
TRANSCO	3-6	N	300,000	\$ 22,500.00	\$ 0.0750	\$ 22,500.00	Sasol
TRANSCO	3-6	N	300,000	\$ 15,600.00	\$ 0.0520	\$ 15,600.00	Tenaska
			2,302,290	\$	\$	533,947.50	
July-12							
TETCO	ELA - M-3	N	87,203	\$ 38,761.73	\$ 0.4445	\$ 38,761.73	UGI
TETCO	STX - M-3	N	1,376	\$ 6,834.62	\$ 4.9670	\$ 6,834.62	Sprague
TETCO	ELA - M-3	N	5,084	\$ 2,519.84	\$ 0.4445	\$ 2,519.84	So Jersey Res
TETCO	ELA - M-3	N	1,364	\$ 606.30	\$ 0.4445	\$ 606.30	Conatation
TETCO	WLA - M-3	N	93	\$ 41.34	\$ 0.4445	\$ 41.34	PPL
TETCO	WLA - M-3	N	248,000	\$ 4,402.00	\$ 0.0178	\$ 4,402.00	Twin Eagle
TETCO	WLA - M-3	N	100,750	\$ 44,789.38	\$ 0.4446	\$ 44,789.38	Ites
TETCO	WLA - M-3	N	310,000	\$ 10,850.00	\$ 0.0350	\$ 10,850.00	Colonial
TETCO	WLA - M-3	N	155,000	\$ 4,816.00	\$ 0.0312	\$ 4,816.00	Sequent
TETCO	ELA - M-3	N	676,513	\$ 199,648.68	\$ 0.2951	\$ 199,648.68	Calpine
TETCO	STX - M-3	N	346,766	\$ 15,092.04	\$ 0.0435	\$ 15,092.04	Sequent
TETCO	STX - M-3	N	558,000	\$ 75,664.85	\$ 0.1356	\$ 75,664.85	Grays Ferry
TETCO	STX - M-3	N	558,000	\$ 75,664.85	\$ 0.1356	\$ 75,664.85	Grays Ferry
			3,048,149	\$	\$	479,451.63	
TRANSCO	3-6	N	155,000	\$ 3,875.00	\$ 0.0250	\$ 3,875.00	Louis Dreyfus
TRANSCO	3-6	N	155,000	\$ 2,340.50	\$ 0.0151	\$ 2,340.50	Total
TRANSCO	3-6	N	83	\$ 40.30	\$ 0.4333	\$ 40.30	PPL
TRANSCO	3-6	N	1,384	\$ 592.41	\$ 0.4343	\$ 592.41	CNE
TRANSCO	3-6	N	5,084	\$ 2,207.51	\$ 0.4342	\$ 2,207.51	So Jersey
TRANSCO	3-6	N	15,378	\$ 6,676.16	\$ 0.4342	\$ 6,676.16	Sprague
TRANSCO	3-6	N	87,203	\$ 37,862.78	\$ 0.4342	\$ 37,862.78	UGI
TRANSCO	3-6	N	100,752	\$ 43,744.72	\$ 0.4342	\$ 43,744.72	Ites
TRANSCO	3-6	N	310,000	\$ 180,730.00	\$ 0.5830	\$ 180,730.00	BP
TRANSCO	3-6	N	310,000	\$ 180,110.00	\$ 0.5810	\$ 180,110.00	BP
TRANSCO	3-6	N	310,000	\$ 31,310.00	\$ 0.1010	\$ 31,310.00	Calpine
TRANSCO	3-6	N	310,000	\$ 23,250.00	\$ 0.0750	\$ 23,250.00	Sasol
TRANSCO	3-6	N	310,000	\$ 23,250.00	\$ 0.0750	\$ 23,250.00	Sasol
TRANSCO	3-6	N	310,000	\$ 16,120.00	\$ 0.0520	\$ 16,120.00	Tenaska
			2,379,872	\$	\$	532,109.38	
August-12							
TETCO	ELA - M-3	N	87,203	\$ 38,142.59	\$ 0.4374	\$ 38,142.59	UGI
TETCO	STX - M-3	N	15,500	\$ 6,779.70	\$ 0.4374	\$ 6,779.70	Sprague
TETCO	STX - M-3	N	5,146	\$ 2,250.86	\$ 0.4374	\$ 2,250.86	So Jersey Res
TETCO	ELA - M-3	N	1,364	\$ 596.61	\$ 0.4374	\$ 596.61	Conatation
TETCO	WLA - M-3	N	93	\$ 40.67	\$ 0.4373	\$ 40.67	PPL
TETCO	WLA - M-3	N	248,000	\$ 4,402.00	\$ 0.0178	\$ 4,402.00	Twin Eagle
TETCO	WLA - M-3	N	100,756	\$ 44,149.41	\$ 0.4374	\$ 44,149.41	Ites
TETCO	WLA - M-3	N	310,000	\$ 10,850.00	\$ 0.0350	\$ 10,850.00	Colonial
TETCO	WLA - M-3	N	155,000	\$ 4,816.00	\$ 0.0312	\$ 4,816.00	Sequent
TETCO	ELA - M-3	N	676,513	\$ 199,648.68	\$ 0.2951	\$ 199,648.68	Calpine
TETCO	STX - M-3	N	346,766	\$ 15,092.04	\$ 0.0435	\$ 15,092.04	Sequent
TETCO	STX - M-3	N	558,000	\$ 69,136.00	\$ 0.1239	\$ 69,136.00	Grays Ferry
TETCO	STX - M-3	N	558,000	\$ 69,136.00	\$ 0.1239	\$ 69,136.00	Grays Ferry
			3,062,321	\$	\$	465,060.56	

PIPELINE	PATH	RECALL STATUS	VOLUME DTH	MONTHLY CREDIT	CREDIT DTH	TOTAL CREDIT	REPLACEMENT SHIPPER
TRANSCO	3-6	N	155,000 \$	3,875.00 \$	0.0250 \$	3,875.00 \$	Louis Dreyfus
TRANSCO	3-6	N	155,000 \$	2,340.50 \$	0.0151 \$	2,340.50 \$	Total
TRANSCO	3-6	N	90 \$	40.30 \$	0.4333 \$	40.30 \$	PPL
TRANSCO	3-6	N	1,384 \$	592.41 \$	0.4343 \$	592.41 \$	CNE
TRANSCO	3-6	N	5,148 \$	2,234.48 \$	0.4342 \$	2,234.48 \$	So Jersey
TRANSCO	3-6	N	15,500 \$	6,730.10 \$	0.4342 \$	6,730.10 \$	Sprague
TRANSCO	3-6	N	87,234 \$	37,876.11 \$	0.4342 \$	37,876.11 \$	UGI
TRANSCO	3-6	N	100,987 \$	43,838.65 \$	0.4342 \$	43,838.65 \$	Ites
TRANSCO	3-6	N	310,000 \$	180,710.00 \$	0.5830 \$	180,710.00 \$	BP
TRANSCO	3-6	N	310,000 \$	180,110.00 \$	0.5810 \$	180,110.00 \$	BP
TRANSCO	3-6	N	310,000 \$	31,310.00 \$	0.1010 \$	31,310.00 \$	Calpine
TRANSCO	3-6	N	310,000 \$	23,250.00 \$	0.0750 \$	23,250.00 \$	Statoil
TRANSCO	3-6	N	310,000 \$	23,250.00 \$	0.0750 \$	23,250.00 \$	Statoil
TRANSCO	3-6	N	310,000 \$	16,120.00 \$	0.0520 \$	16,120.00 \$	Tenaska
			2,380,384		\$	\$ 552,297.55	
September-12							
TETCO	ELA - M-3	N	81,420 \$	35,613.11 \$	0.4374 \$	35,613.11 \$	UGI
TETCO	ELA - M-3	N	14,130 \$	6,259.20 \$	0.4430 \$	6,259.20 \$	Sprague
TETCO	ELA - M-3	N	5,760 \$	2,519.43 \$	0.4374 \$	2,519.43 \$	So Jersey
TETCO	ELA - M-3	N	10,020 \$	4,382.75 \$	0.4374 \$	4,382.75 \$	Coneduction
TETCO	STX - M-3	N	90 \$	39.37 \$	0.4374 \$	39.37 \$	PPL
TETCO	ELA - M-3	N	240,000 \$	4,260.00 \$	0.0178 \$	4,260.00 \$	Twin Eagle
TETCO	ELA - M-3	N	94,620 \$	41,867.79 \$	0.4374 \$	41,867.79 \$	Ites
TETCO	STX - M-3	N	69,680 \$	29,465.10 \$	0.4270 \$	29,465.10 \$	UGI
TETCO	STX - M-3	N	315,380 \$	14,603.20 \$	0.0455 \$	14,603.20 \$	Sequent
TETCO	STX - M-3	N	554,000 \$	66,096.25 \$	0.1193 \$	66,096.25 \$	Grays Ferry
TETCO	STX - M-3	N	554,000 \$	66,096.25 \$	0.1193 \$	66,096.25 \$	Grays Ferry
			2,544,310		\$	\$ 334,903.45	
TRANSCO	3-6	N	150,000 \$	3,750.00 \$	0.0250 \$	3,750.00 \$	Louis Dreyfus
TRANSCO	3-6	N	150,000 \$	2,265.00 \$	0.0151 \$	2,265.00 \$	Total
TRANSCO	3-6	N	90 \$	39.00 \$	0.4333 \$	39.00 \$	PPL
TRANSCO	3-6	N	10,020 \$	4,326.60 \$	0.4342 \$	4,326.60 \$	CNE
TRANSCO	3-6	N	1,384 \$	592.41 \$	0.4343 \$	592.41 \$	So Jersey
TRANSCO	3-6	N	14,130 \$	6,213.30 \$	0.4342 \$	6,213.30 \$	Sprague
TRANSCO	3-6	N	81,420 \$	35,332.00 \$	0.4342 \$	35,332.00 \$	UGI
TRANSCO	3-6	N	94,620 \$	41,083.20 \$	0.4342 \$	41,083.20 \$	Ites
TRANSCO	3-6	N	300,000 \$	30,300.00 \$	0.1010 \$	30,300.00 \$	Calpine
TRANSCO	3-6	N	300,000 \$	22,500.00 \$	0.0750 \$	22,500.00 \$	Statoil
TRANSCO	3-6	N	300,000 \$	22,500.00 \$	0.0750 \$	22,500.00 \$	Statoil
TRANSCO	3-6	N	300,000 \$	62,700.00 \$	0.2090 \$	62,700.00 \$	Ites
TRANSCO	3-6	N	300,000 \$	77,350.00 \$	0.2585 \$	77,350.00 \$	PG
			2,086,270		\$	\$ 311,103.90	

October-12		PIPELINE	PATH	RECALL STATUS	VOLUME DTH	MONTHLY CREDIT	CREDIT DTH	TOTAL CREDIT	REPLACEMENT SHIPPER
October-12	TETCO	ELA - M-3	N	N	90,196 \$	39,519.22 \$	0.4374 \$	39,519.22 \$	UGI
					17,453 \$	7,633.91 \$	0.4374 \$	7,633.91 \$	Sprague
					7,657 \$	3,348.77 \$	0.4373 \$	3,348.77 \$	So Jersey Res
					12,090 \$	5,288.17 \$	0.4374 \$	5,288.17 \$	Constellation
					93 \$	40.67 \$	0.4373 \$	40.67 \$	PPL
					248,000 \$	4,402.00 \$	0.0178 \$	4,402.00 \$	Two Eagle
					104,191 \$	45,573.14 \$	0.4374 \$	45,573.14 \$	Iltess
					155,000 \$	715.00 \$	0.0050 \$	715.00 \$	VA Power
					155,000 \$	4,865.00 \$	0.0310 \$	4,865.00 \$	Tenaska
					676,313 \$	86,433.27 \$	0.1278 \$	86,433.27 \$	NJR
					346,766 \$	15,092.04 \$	0.0403 \$	15,092.04 \$	Sequent
					558,000 \$	6,696.00 \$	0.0120 \$	6,696.00 \$	BNP Paribas
					558,000 \$	11,718.00 \$	0.0210 \$	11,718.00 \$	Sequent
					2,929,159 \$		\$	231,345.21 \$	
November-12	TRANSCO	3-6	N	N	155,000 \$	3,875.00 \$	0.0250 \$	3,875.00 \$	Louis Dreyfus
					155,000 \$	2,340.50 \$	0.0151 \$	2,340.50 \$	Total
					93 \$	40.30 \$	0.4333 \$	40.30 \$	PPL
					7,628 \$	3,311.11 \$	0.4342 \$	3,311.11 \$	So Jersey
					12,090 \$	5,249.54 \$	0.4342 \$	5,249.54 \$	CNE
					17,463 \$	7,577.95 \$	0.4342 \$	7,577.95 \$	Sprague
					90,396 \$	39,249.10 \$	0.4342 \$	39,249.10 \$	UGI
					104,191 \$	45,238.92 \$	0.4342 \$	45,238.92 \$	Iltess
					155,000 \$	6,990.50 \$	0.0451 \$	6,990.50 \$	Tenaska
					310,000 \$	31,310.00 \$	0.1010 \$	31,310.00 \$	Calpine
					310,000 \$	23,250.00 \$	0.0750 \$	23,250.00 \$	Suez
					310,000 \$	23,250.00 \$	0.0750 \$	23,250.00 \$	Suez
					310,000 \$	64,790.00 \$	0.2090 \$	64,790.00 \$	Iltess
					310,000 \$	80,135.00 \$	0.2585 \$	80,135.00 \$	NG Energy
					2,240,849 \$		\$	336,607.92 \$	
November-12	TETCO	ELA - M-3	N	N	82,260 \$	35,980.53 \$	0.4374 \$	35,980.53 \$	UGI
					16,170 \$	7,072.76 \$	0.4374 \$	7,072.76 \$	Sprague
					7,410 \$	3,241.14 \$	0.4374 \$	3,241.14 \$	So Jersey Res
					40,350 \$	18,961.30 \$	0.4374 \$	18,961.30 \$	Constellation
					90 \$	39.37 \$	0.4374 \$	39.37 \$	PPL
					76,140 \$	33,303.63 \$	0.4374 \$	33,303.63 \$	Iltess
					654,690 \$	83,645.10 \$	0.1278 \$	83,645.10 \$	NJR
					103,328 \$	2,046.00 \$	0.0198 \$	2,046.00 \$	Sequent
					983,638 \$		\$	184,289.83 \$	
December-12	TRANSCO	3-6	N	N	70,100 \$	33,072.00 \$	0.4342 \$	33,072.00 \$	Iltess
					90 \$	39.00 \$	0.4333 \$	39.00 \$	PPL
					7,410 \$	3,217.20 \$	0.4342 \$	3,217.20 \$	So Jersey Res
					1,445 \$	627.40 \$	0.4342 \$	627.40 \$	CNE
					10,000 \$	7,033.80 \$	0.4342 \$	7,033.80 \$	Sprague
					80,000 \$	15,165.00 \$	0.1891 \$	15,165.00 \$	UGI
					300,000 \$	62,700.00 \$	0.2090 \$	62,700.00 \$	Hea
					300,000 \$	71,550.00 \$	0.2385 \$	71,550.00 \$	BC Energy
					41,905 \$	18,194.60 \$	0.4342 \$	18,194.60 \$	CNE
					825,470 \$		\$	238,150.50 \$	
December-12	TETCO	WLA - M-3	N	N	17,887 \$	7,823.77 \$	0.4374 \$	7,823.77 \$	Sprague Ener
					7,502 \$	3,281.38 \$	0.4374 \$	3,281.38 \$	So Jersey Res
					93 \$	40.67 \$	0.4373 \$	40.67 \$	PPL
					85,343 \$	37,259.03 \$	0.4374 \$	37,259.03 \$	UGI
					44,699 \$	19,511.98 \$	0.4374 \$	19,511.98 \$	CNE
					80,878 \$	35,276.47 \$	0.4374 \$	35,276.47 \$	Colonial Line
					80,878 \$	8,453.27 \$	0.1175 \$	8,453.27 \$	NJR
					723,351 \$		\$	189,790.57 \$	
December-12	TRANSCO	3-6	N	N	93 \$	40.30 \$	0.4333 \$	40.30 \$	PPL
					7,502 \$	3,257.48 \$	0.4342 \$	3,257.48 \$	So Jersey Res
					17,887 \$	7,766.48 \$	0.4342 \$	7,766.48 \$	Sprague Operating Res
					44,699 \$	19,508.00 \$	0.4342 \$	19,508.00 \$	CNE
					80,910 \$	35,130.13 \$	0.4342 \$	35,130.13 \$	Iltess
					85,374 \$	37,068.56 \$	0.4342 \$	37,068.56 \$	UGI
					110,000 \$	47,400.00 \$	0.4285 \$	47,400.00 \$	Hea
					310,000 \$	80,135.00 \$	0.2585 \$	80,135.00 \$	BC Energy
					856,375 \$		\$	247,255.75 \$	

Philadelphia Gas Works
Pennsylvania Public Utilities Commission
52 Pa. Code §53.61, et seq.
For the Twelve Months Ending December 31, 2012

Schedule 5
Item 53.64(C)(7)

Asset Management*		
MONTH	Total Revenue	Total Credit
Jan-12	\$66,850	\$66,850
Feb-12	\$66,850	\$66,850
Mar-12	\$66,850	\$66,850
Apr-12	\$105,792	\$105,792
May-12	\$105,792	\$105,792
Jun-12	\$105,792	\$105,792
Jul-12	\$105,792	\$105,792
Aug-12	\$105,792	\$105,792
Sep-12	\$105,792	\$105,792
Oct-12	\$105,792	\$105,792
Nov-12	\$105,792	\$105,792
Dec-12	\$105,792	\$105,792
TOTAL	\$1,152,678	\$1,152,678

***1.5 bcf of WSS Storage**

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 2012 - December 2012**

53.64(c) 8 and 9

MTR_NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL CCF	MDQ(Dth)
1283000	68076	54720	51983	52832	42267	37458	33053	33771	38161	47957	54297	58976	573548	267
1305000	188931	172434	156277	152381	148736	130119	134715	136685	118900	144715	174506	179703	1838101	420
1305002	0	0	107614	141185	36405	31134	28518	28832	30222	38093	43889	37177	523068	360
1305003	0	0	306604	56063	63674	64148	61520	62071	53849	53190	34508	21603	777231	706
1320010	50300	43730	48650	43720	41100	46920	39610	42100	38320	42190	36470	35650	508760	1465
1356069	61791	52521	42135	39138	26963	20878	20690	23052	21942	29793	55292	65533	459730	994
1356070	68159	64669	49455	43436	30016	23730	19161	13832	26752	32985	58521	62938	493655	400
1356078	27100	16700	7600	800	0	0	0	0	205	924	11018	13510	77857	1032
1369138	8390	6310	2490	1690	0	0	0	0	0	1390	6966	5062	32298	348
1374187	34700	30600	10900	4100	0	0	0	0	102	1341	24111	26718	132572	1222
1377228	13670	11500	7810	3060	500	0	0	0	0	1430	9300	11850	59120	58
1378232	7910	4620	1960	1290	210	0	0	0	10	873	5072	5579	27524	340
1383344	0	0	0	0	0	0	0	0	5110	9510	19910	22250	56780	452
1383481	47245	36765	26702	17779	9788	9298	8022	8155	9125	15240	34771	39207	262099	417
1389590	56220	47920	36030	27180	26070	19760	16350	16120	17380	24520	39330	41350	368230	240
1389592	16296	11715	5397	1189	0	0	10	0	0	309	10822	15451	61190	351
1393689	52460	50730	46360	30030	20100	16330	12120	12710	14410	28740	44140	47580	375710	720
1393761	26684	22390	23114	24357	20951	18578	17852	17486	18395	20850	25009	26367	262031	200
1393763	13213	9510	3072	284	11	0	0	0	172	3076	12108	11622	53068	200
1393766	20250	17540	9630	6320	4830	4040	3100	2740	3310	6770	14340	15900	108770	180
1393767	0	0	0	0	0	0	0	0	0	0	0	22100	22100	554
1397885	7290	5330	2840	1820	80	0	0	50	10	750	4853	5278	28302	403
1397886	11430	6350	2760	1370	270	0	0	0	0	771	5778	5416	34144	311
1402992	37890	30740	15260	12250	2970	2610	2180	2170	2500	11170	29450	31700	180890	496
1403018	9640	7260	3290	2750	40	0	0	0	0	710	5216	6330	35236	383
1406184	9790	6260	3080	1390	130	0	0	0	0	792	6045	7181	34668	340
1414463	53202	49888	47836	42719	35887	28995	25285	24339	30157	36447	42811	46245	463810	200
1414492	28800	22800	8200	3200	0	0	0	0	0	3092	17566	16844	100501	958
1420497	90302	73902	63580	57988	56526	56042	57729	60652	55026	67141	84742	71399	795028	407
1426742	24014	21622	19028	13973	8268	4891	488	62	7613	17892	22161	23835	163846	172
1440487	0	0	0	0	0	0	0	0	0	0	0	1420	1420	226
1452606	28411	22709	12394	9304	11	0	0	0	0	6657	21527	24129	125142	31
1457534	88891	73576	40105	29341	0	0	0	0	0	19421	70723	73396	395454	784
1480546	12150	10330	3230	1640	0	0	0	0	0	801	8015	6366	42532	782
1514011	125150	114330	85040	68760	38450	0	0	0	260	60400	93930	110520	696840	2191
1514012	12100	7780	3280	2710	300	20	0	0	82	2731	8763	8776	46541	314
1519033	25507	22110	16541	216	0	0	0	0	0	1548	20044	24772	110738	120
1519035	57892	52076	31116	16577	7814	6131	6563	6177	6304	17414	47709	52419	308193	1833
1519038	50909	54114	34109	22470	11549	12309	11242	16047	18320	18409	48844	53710	352030	300
1521897	14330	12193	7500	3609	1200	295	204	297	288	718	10238	11624	62496	302
1526402	32673	14539	5399	723	0	0	0	0	0	1656	12000	13197	80186	336
1526403	46790	39880	29740	22550	11100	7640	4510	4110	6470	19370	39660	38910	270730	958
1526404	17660	14320	10100	8230	4550	3470	3810	3620	3210	6600	11950	13780	101300	419
1526406	55840	50253	47385	42805	36428	30349	25992	28184	35464	46064	61318	66254	526335	408
1526421	11850	9358	5997	3381	165	0	0	0	10	2616	9751	11560	54688	216
1526423	14980	12280	8570	6790	3930	2760	2260	2220	3040	5730	11890	13210	87660	266
1526424	8220	5900	2440	1520	50	0	0	0	0	360	4820	3630	26940	223
1526425	21232	17547	12325	6269	2093	1816	1677	1709	1816	7465	15112	16134	105195	360
1526426	29263	29199	22172	13542	4389	4144	4016	3984	4240	8202	21862	20655	165668	782
1526427	12860	0	15753	2220	3250	5010	7940	6920	3580	1310	8270	8750	75863	144
1526428	43663	34805	24552	16379	21393	62401	65992	56086	31648	7408	28929	29894	423151	360
1526431	17720	11860	0	180	0	0	0	0	0	0	12520	15360	57640	81
1526433	54729	43565	41132	36831	34172	40543	38662	37472	37583	43484	49653	53532	511357	500
1526435	82600	70600	58400	54200	44400	39500	37400	36700	39478	51998	70263	78960	664500	946
1526437	92900	72700	48300	32400	15800	11800	2100	0	6400	31100	66624	73354	453478	2847
1526465	19153	16311	10447	8149	5128	3972	2793	2797	3657	8288	14522	16847	112064	75
1526468	0	7316	2649	918	43	0	0	0	0	566	5618	7658	24767	24
1526470	7710	4980	1760	0	0	0	0	0	10	300	4426	5924	25111	92
1526471	54720	45900	33540	27890	20770	21270	17880	21200	20890	32160	53140	51030	400390	419
1526476	56774	49007	34145	26378	20219	18880	11515	16336	20621	24102	48018	53636	379630	43
1533333	16980	12890	7020	2090	0	10	0	0	0	1330	11550	11870	63740	302
1533335	34050	27880	21740	23180	16180	7060	6440	6300	4150	0	29140	46570	222690	624
1533336	32950	27420	12210	0	500	6880	5590	5690	8690	20400	22990	9990	153310	622
1546085	32467	26251	16757	11321	6974	3738	3289	3503	3930	7967	27084	23101	166384	782
1546087	29605	25087	18530	13638	3567	3204	2958	3108	3621	10530	23955	24596	162400	3128
1546088	28569	25632	17141	13713	5297	4571	4678	5468	5607	8993	22236	20730	162635	782
1546132	0	0	0	0	0	0	0	0	0	67151	65253	89468	221872	
1546140	68696	61837	42027	23996	5597	5502	4997	4376	0	4488	0	57260	278776	522
1546143	14497	11726	8458	7424	3516	1706	1406	1727	2285	4849	9844	11240	78677	162
1546144	4490	3440	1380	1030	10	0	0	0	0	698	3626	3338	18012	312
1546146	17680	14140	11560	9230	7030	5990	5620	5800	6140	10180	20080	22537	135987	313
1546148	0	0	0	0	0	0	0	0	0	0	0	27991	27991	852
1553324	27168	22040	11448	4512	13	0	0	0	67	4660	23058	23995	116962	522
1553325	0	0	0	0	0	0	0	0	0	0	0	31120	31120	374
1553327	0	58152	20518	17508	4417	11	0	0	0	13081	27227	30486	171399	240
1553328	7197	5977	2533	1272	0	31	0	0	0	659	4911	4720	27298	281
1553331	53453	43927	23112	17718	2008	1324	1559	1623	1452	10413	42848	46575	246014	490
1553337	23100	20230	10830	3480	0	0	0	0	20	2920	17000	24490	102070	209
1571005	14886	11435	5228	1946	0	0	0	0	0	1189	9973	10962	55619	64
1571006	11677	8910	3892	1494	32	0	0	0	0	684	7396	8216	42301	64
1575425	11690	6280	2890	1900	10	0	0	0	0	0	5770	6270	34810	383
1582085	2353600	2187300	2325200	2035000	2195100	2013400	2074900	1982100	2105000	1830600	2124800	2320000	25547000	

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MTR_NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	CCF	MDQ(Dth)
1582087	0	16699	8179	2368	0	0	0	0	0	951	14466	15407	58069		384
1582088	30220	28382	13187	11093	2065	1568	1202	2306	3116	14042	35465	39917	182565		1046
1582089	48306	38694	25707	13905	5724	4923	4261	4560	5020	18487	37871	43281	250740		479
1601878	35430	30960	22400	13880	10	60	0	0	30	6570	28340	33610	171290		305
1601879	88534	83357	67949	64787	48874	86656	78503	78820	91127	86616	85728	83012	943963		707
1601880	14630	13340	8250	5310	350	0	0	0	0	2850	10630	11730	67090		272
1611015	0	0	0	15500	40700	39900	31800	21500	15100	33700	40300	19200	257700		750
1611615	7697	5285	2074	1563	0	0	0	0	3	610	4234	4511	25977		295
1611635	72086	57064	33486	24093	6407	5476	4848	4873	6308	18707	51648	59555	344551		173
1611637	24520	19810	13460	11450	7020	8100	5530	5900	6340	10460	19570	20070	150230		403
1611638	15410	11400	5770	4440	130	0	0	0	20	1891	10416	10055	59532		454
1611639	7038	5009	1645	523	11	0	0	0	0	1335	5447	5789	26796		591
1621317	311184	261507	222810	271281	169785	153717	199511	124795	111271	143943	235921	260625	2466349		1300
1621318	24480	20460	7490	1310	0	0	10	10	61	993	18569	15852	87236		843
1621319	41438	33621	24286	17537	12410	10146	9986	9495	10061	16415	29658	32820	247872		504
1658873	12380	7790	3770	1850	0	0	0	0	0	648	6995	5953	39386		172
1658874	48598	45440	45906	44861	42657	36148	23333	34307	46940	51336	54721	48360	522605		503
1658875	0	0	0	0	0	0	0	0	0	0	0	22243	22243		685
1658876	23930	15150	4910	900	0	0	0	0	0	845	12334	17292	75361		244
1658878	38919	27434	12167	7520	0	0	0	57	0	7952	31399	31047	156495		733
1658879	13050	10330	7200	5600	2750	1080	990	1030	1100	4770	9980	10810	68690		269
1658880	22600	22750	20870	20200	20770	18180	18090	19510	19650	22670	24160	23010	252460		626
1658881	25540	21760	12290	11110	0	0	0	0	20	4410	21580	21818	118528		556
1658882	26294	20666	10691	4026	0	0	0	21	11	1760	21996	23162	108628		907
1658883	33835	17897	7988	2290	0	0	13	0	0	2575	17925	16486	99009		934
1658884	79500	63100	41800	33700	17000	10700	5600	9743	15384	40750	51658	60036	428972		1400
1658886	700	0	800	2200	1000	18800	69300	35600	23400	10600	6900	100	169400		4372
1685268	7310	5470	2140	1070	0	0	0	0	0	546	4853	4182	25572		277
1685269	18910	20450	20850	19840	21250	19710	18360	18240	17420	23750	24410	22660	245850		178
1685272	50989	42634	26097	15265	0	0	0	0	27	9935	40706	45151	230803		859
1685273	25869	21678	13644	9949	2879	1660	1500	1674	1834	6146	19469	21518	127821		302
1685276	13790	10140	4900	2240	0	0	0	10	0	424	9427	10071	51002		554
1685278	27450	21756	12838	9849	3401	2860	2612	2637	2519	3947	20392	23844	134104		703
1685280	19030	15650	3820	11940	4460	4570	4000	7380	10040	10220	13010	22910	127030		605
1701739	41652	37914	33322	31506	28088	24244	22535	23176	24030	27768	35778	36846	366858		123
1722873	18573	14274	8810	6987	3678	2569	1971	1912	2399	5727	13579	15102	95581		424
1722879	10971	9367	6111	5115	1989	1585	1222	1021	2284	5767	9303	10316	65051		204
1722888	22980	18052	12866	10841	8084	6303	5415	5547	6150	9231	16665	18686	140820		424
1722889	8616	7247	4314	3302	128	0	0	0	0	2076	6803	8053	40539		163
1722906	22740	19381	14321	10579	527	0	0	0	0	3938	15427	15847	102762		324
1723873	4945	4012	1965	1198	258	81	72	74	80	804	3263	3811	20563		120
1723876	9921	7591	4300	1783	0	1	0	0	1	1799	9040	9991	44427		241
1723898	55200	43000	17900	7500	0	0	0	0	0	2260	18807	15908	160575		698
1723900	40852	33055	31419	30532	28999	26278	26398	28584	27274	25584	32324	31616	362914		240
1723997	31860	33640	27110	31840	31770	29560	33870	31290	19040	20320	17020	11280	318600		141
1723998	55439	50643	40051	33049	20287	14563	12658	13413	15837	28321	46888	48726	379878		400
1724001	12610	8670	3380	1520	0	0	0	0	0	454	14348	12151	53133		389
1724003	27280	22310	14790	10820	4980	3380	3420	3100	3330	7450	20950	22120	143930		565
1724005	27459	25331	27060	26767	27066	25633	26326	26359	25408	26704	26139	26337	316589		703
1724006	24686	21763	5948	8530	6030	5423	5094	4970	4558	7769	15538	18213	128522		264
1724008	0	32460	25740	23700	22040	18380	18660	21120	21530	23440	40520	38247	285837		418
1724008	0	36533	25740	23700	22040	18380	18660	21120	21530	23440	40520	38247	289910		418
1724010	23674	22897	22602	21344	24638	23968	22991	24236	20955	23687	21558	21022	273571		495
1724011	7910	5000	1920	720	0	0	0	0	0	526	4553	5716	26345		469
1724210	8792	4155	2506	3345	3033	667	757	701	119	803	4105	5151	34134		449
1724219	22269	25405	19844	12750	19073	17580	14378	17396	17788	12667	19329	16593	215072		305
1724226	73177	65971	68244	59225	56496	49831	50678	49518	27072	51081	67553	78233	697080		550
1724230	11647	8680	4472	1675	7	7	8	8	7	606	5428	5967	38512		203
1724240	8531	7035	3082	1674	0	0	0	0	49	1061	5602	5763	32797		180
1724851	74400	69500	63200	62400	45800	38800	38400	31100	40600	47600	71800	68600	652200		1461
1724852	87100	81700	75500	75000	54500	46200	45600	37100	48400	56200	84300	80700	772300		1461
1724853	30118	22855	8437	5660	0	0	0	0	0	3190	28627	30459	129347		192
1724854	96280	87633	82310	64787	41819	35748	31087	36171	34753	41255	66506	69875	688222		1046
1724856	0	0	0	0	0	0	0	0	0	0	0	30900	30900		927
1756662	109824	107745	63735	71486	62103	67946	82894	81966	93873	115877	105837	90918	1054204		1380
1756663	61574	46667	18398	12001	422	0	0	0	0	6786	40674	50717	237240		316
1756664	31070	23520	11160	4730	0	0	0	10	0	3380	22720	25770	122360		302
1771898	30790	0	4023	22630	55545	63030	23311	70734	94124	108293	28712	32635	533827		750
1786008	357700	312500	255400	214600	179500	148900	140700	137200	144800	192300	285300	308100	2677000		5500
1786009	330100	288300	236000	198200	166300	138100	129900	126700	133800	177600	263000	284000	2472000		5500
1806076	55800	41700	29600	22100	15400	15800	17200	17600	15400	21800	50000	49500	351900		1709
1806077	70100	62900	57400	26200	2900	2200	1900	2000	2100	6400	56700	51500	342300		151
1806079	22187	18304	11743	9534	2544	629	281	308	1460	6802	15385	15907	105085		605
1806080	9500	8080	8780	6320	6030	5100	4910	6230	6370	4830	9250	11630	87030		277
1806092	30723	27644	31762	31665	40086	37574	30747	30248	24067	26413	33390	27355	371675		63
1826506	7141	5922	4350	3771	3608	3375	3116	3351	3200	4128	4681	4446	51089		130
1826561	6240	5113	3155	2302	1158	990	828	853	1008	1721	4939	5512	33819		31.2
1826616	5816	5176	3153	2448	583	0	0	0	0	1849	4477	5163	28665		34
1826674	10689	9257	9041	9023	9504	7555	6288	5505	5571	6022	7935	9271	95660		114
1884404	2041	1822	1141	462	253	209	187	194	207	446	1505	1940	10407		89
1884506	10904	8344	3728	1072	0	0	0	0	56	1340	6777	6060	38282		149
1884510	26219	21078	13183	9085	5412	4792	3554	3841	4475	8294	19146	21657	140735		676

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MTR	NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL CCF	MDQ(Dth)
1884513		7179	6168	4410	3888	3021	2570	2407	2676	3155	3420	5710	6083	50687	133
1884569		62800	45200	46100	38600	24300	0	0	1900	31700	29600	38300	42100	360600	1222
1884573		26000	21100	7500	4700	0	0	0	0	102	3591	18500	16429	97922	644
1884576		27437	24425	13980	10509	1420	0	0	0	577	3813	20399	22845	125405	301
1884577		38155	34687	16507	7272	0	0	0	0	0	734	25681	43609	166646	720
1884579		8940	8094	5716	2460	0	0	0	0	0	1873	5540	5825	38448	202
1906514		1053410	997020	970310	745730	888880	779900	564700	821220	823180	876110	1020650	977370	10518480	
1906623		0	0	0	0	0	1736	1633	1659	1794	5210	7081	7923	27036	144
1906625		11732	11126	10272	9868	8336	7052	6864	7280	7283	8345	8546	9384	106089	30
1906628		7639	6023	1916	867	0	0	0	0	1	642	6341	6801	30231	228
1906643		77636	79885	90680	82552	88877	85284	0	287680	74050	88470	94290	93960	1143364	1151
1906648		5374	4214	1942	847	3440	5284	5119	5168	4068	2511	3769	3532	45269	302
1906650		262202	233683	202212	178553	167097	148908	168320	165186	108752	188829	192480	163906	2180128	1500
1909300		187890	138450	475300	6420	0	0	13080	10610	6880	110940	1720570	1089000	3759140	
1909301		10304390	10111200	7791880	8865790	9446630	8136230	8799800	8371200	2922230	4665910	8830210	9239000	97484470	
1909334		4547	4506	3241	2765	1406	1631	1533	1503	1418	2265	3947	4764	33526	130
1909351		6682	5475	2519	2318	0	0	0	0	0	1944	5139	5738	29815	110
1921552		2308	1773	1493	944	431	371	386	452	376	755	1695	1683	12667	89
1921575		14026	11815	4304	2703	144	0	0	0	53	1939	8838	11806	55628	285
1921578		5610	4602	2799	1554	1473	1641	1698	2004	2574	3460	5190	4205	36810	183
1921579		6174	4976	3898	3702	2505	1571	652	575	1546	4136	5949	6305	41990	240
1921700		46757	39035	15005	9281	0	0	0	0	22	4543	35350	34358	184352	831
1921701		77600	69754	53714	30767	30046	28688	30505	32559	31899	34618	59450	69284	548884	84
1921703		29290	24350	14670	10570	620	0	0	0	0	4580	20070	21900	126050	354
1954681		56556	47369	34712	29233	21163	18943	19265	20283	20605	3473	54890	70749	397241	907
1954683		39107	30894	19881	14510	15771	16907	18754	19363	18763	17296	27335	33493	272072	728
1954684		67887	57443	36689	29458	2946	0	0	0	670	18210	46731	55569	315602	1565
1986388		4382	3391	1516	703	45	16	0	0	0	545	3634	3403	17635	58
1987495		13990	14180	16210	13940	14510	11610	7020	13770	10530	11520	10610	9010	146900	313
1987496		620	590	210	190	0	0	0	0	0	730	6950	5946	15236	13.7
1987500		47520	37070	8050	350	0	0	0	0	0	80	37780	40440	171290	432
1987633		0	0	813	330	0	0	1	0	0	469	1880	2245	5738	76
1987683		0	0	877	316	0	0	2	0	0	506	1487	1392	4580	76
1987777		0	0	0	0	0	0	0	7536	6793	7847	7900	7244	37320	202
1987785		0	0	0	0	0	0	931	973	1049	2487	5508	6022	16970	115
1987786		7249	4648	2122	775	0	0	0	0	0	330	6092	7040	28256	397
1987797		11119	9856	8810	8371	8159	7577	7053	7755	7106	8076	10124	9766	103771	281
1987801		27744	20928	15295	9386	0	9017	3301	3384	3694	10345	19954	21847	144895	500
1987803		42239	35062	35702	31821	54219	50241	62054	59548	43804	31277	27781	31935	505683	456
1987805		11600	9136	5033	3334	764	310	279	284	304	1657	8009	8963	49674	237
1987808		120	20	0	0	10	0	4850	6550	6140	20	0	113	17823	2847
1987809		17035	14098	7166	4315	256	0	0	0	491	3531	10578	13952	71422	396
1987810		7920	4730	1480	240	0	0	0	10	0	455	5362	4515	24712	240
1987812		11800	8920	5040	2680	430	0	0	0	0	570	6510	6530	42480	272
1987814		512100	482200	484400	468700	476600	454400	392000	487100	448900	483900	518400	378000	5586700	3432
1987815		58514	49141	33475	26914	17809	13926	15265	15131	15800	24370	47668	51150	369162	2169
1989421		20737	17360	6540	3527	0	0	0	0	0	15	9844	10941	68965	170
1989422		7007	5570	1814	571	0	0	0	0	0	0	2549	3481	20991	269
1989426		28501	24219	16764	12988	2795	2404	2275	2310	2518	10319	24030	24184	153307	320
1989428		56121	47707	35519	29548	21064	7507	7226	6917	8490	22210	42691	49039	334041	720
1989625		5742	5492	1961	551	0	0	0	0	21	25	4339	5650	23782	136
1989652		16286	13081	9802	7959	7545	5330	4634	4646	4980	6427	11861	12818	105369	215
2012851		0	0	0	0	0	0	0	0	574	1541	2994	3039	8148	127
2012853		0	0	0	0	0	0	0	0	619	1626	3503	3253	9001	127
2012857		0	0	0	0	0	0	0	0	533	1652	2971	2231	7387	127
2012861		4861	4462	3464	3305	1649	1218	939	826	1344	2544	3881	3752	32242	216
2012880		9378	8017	6813	8749	8202	1024	7532	17413	13056	12792	8141	8221	109339	103
2012886		4969	4389	2800	1972	181	0	0	0	227	1195	4463	4235	24431	120
2023812		13372	10643	7449	6088	1227	9	187	7	7	4812	9894	11077	64771	131
2023825		0	0	0	1138	58	0	0	0	2	0	1559	4699	7456	76
2023831		3535	3321	3370	3245	3170	2761	2287	2428	2346	2865	3080	3209	35617	132
2023840		5719	4800	3824	2919	1460	592	805	822	883	2406	4342	4663	33535	112
2023951		21888	16752	7457	4238	0	0	0	0	0	1813	17008	21270	90426	346
2023952		35190	33570	17710	16540	7640	5690	4220	4370	4780	12460	29840	28897	200907	549
2023953		76157	58231	50382	48712	32967	25196	21141	20698	27082	40089	59265	61583	521504	576
2023955		93757	82777	52877	35376	10150	8757	5718	6574	5784	19496	78894	77461	477621	518
2023958		0	0	10980	6963	0	0	0	0	0	3159	19068	20203	60373	843
2023960		23361	23584	13789	8753	10487	8725	7635	7953	8784	9051	12520	14349	148991	1362
2024285		6965	5717	3661	2762	938	535	432	429	533	1996	5084	5623	34675	174
2024290		7904	6910	4692	3641	874	593	496	507	575	2527	5899	6734	41352	174
2024299		7795	6396	3894	2808	735	412	432	429	515	2120	5828	6489	37853	174
2024307		12544	10531	5557	3252	33	0	0	0	0	2161	10016	10443	54537	111
2024367		4455	3533	1185	593	11	0	0	0	1	228	3427	2803	16238	888
2024604		4960	4415	5232	4231	7385	7667	3769	5621	6475	5945	4765	5414	65879	78
2024644		10015	8067	5928	3856	1209	1013	938	1049	1119	1970	5649	6432	47245	480
2024645		8611	9322	5034	2294	885	668	604	682	1156	3293	6776	7522	46849	172
2024648		21924	18717	15757	14295	13864	12003	11239	13423	12253	13465	18091	16308	181339	172
2024675		5925	4651	6188	5429	1052	428	347	382	443	2816	6140	6840	40643	42
2024683		26012	20383	15623	11407	3538	2246	2047	2065	2249	9181	18973	20831	134555	291
2024684		7353	5221	2638	1292	0	0	0	0	50	1272	5143	4255	27224	211
2024694		7638	6092	2583	1439	165	0	0	0	0	601	4903	5661	29082	260
2024698		6365	4831	2499	1367	113	0	0	863	1542	982	4370	4874	27806	272

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MTR_NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL CCF	MDQ(Dth)
2024702	0	0	0	0	0	0	0	0	0	0	0	18458	18458	354
2024703	15346	11762	7292	4172	2	2	2	1	0	3996	14214	13494	70283	152
2024704	10267	8452	5187	2748	1966	3	13	0	0	2089	9346	8463	48534	257
2024705	16430	13845	9503	7756	5447	4777	4560	4441	4751	7512	12738	13339	105098	278
2024706	6159	4626	1956	678	68	0	0	0	0	151	3394	3430	20462	240
2024712	13712	9847	3471	825	0	0	0	0	0	19	7997	10547	46418	235
2024714	9303	7680	3511	2994	0	0	0	0	0	1274	6469	7084	38315	167
2024715	25227	19449	8127	5887	0	0	0	0	0	346	23441	26076	108552	429
2024719	7628	5843	3338	1832	1749	1816	1414	1743	1790	1777	5044	5819	39793	251
2024851	19394	15662	9120	6506	830	0	0	0	5	1083	13810	14696	81107	100
2024992	1518	1210	629	429	5	0	0	0	0	271	1103	1269	6434	296
2025003	5292	4077	2663	2404	2090	1398	1209	1095	1348	1830	3148	3899	30453	400
2025031	0	0	0	0	0	0	0	0	0	0	0	9973	9973	573
2025049	4807	5317	5220	6132	6238	5802	1964	493	3655	3936	5433	6351	55346	65
2025082	3819	3086	2296	1935	1014	1	0	0	374	2501	3037	3337	21400	163
2025095	11720	9262	4194	3498	387	0	0	0	2	2503	11794	12266	55625	149
2025099	3454	2386	974	357	24	0	0	3	5	122	2131	2204	11660	400
2025107	8025	5852	1934	168	0	0	0	0	0	0	4849	6153	26981	209
2025139	11773	10292	5158	1582	0	0	0	0	0	1383	6830	8269	45287	90
2025146	10391	7236	3442	902	628	1604	2702	3434	2611	1786	7174	7267	49178	599
2025149	6083	5757	4329	3971	1483	807	824	1051	2270	2643	4408	3983	37608	336
2025150	6688	5679	2839	1772	0	0	0	5	0	2004	5262	4906	29155	115
2025156	6288	4888	3003	2404	0	0	0	0	0	1919	5616	5199	29317	120
2025158	15211	11470	5263	4136	1011	0	0	0	0	1381	10836	13951	63260	201
2025166	4430	2405	1137	113	0	0	0	0	1	352	2706	2637	13781	139
2025172	9345	6556	3121	803	588	1444	2553	3235	2296	1591	6315	6453	44298	599
2025174	5980	4908	4420	4237	3942	3556	3656	3651	3575	3895	3924	4535	50279	254
2025178	12164	10332	7457	5411	7862	14273	28664	27030	25369	4994	9579	10698	163833	296
2026701	8587	10041	9653	9058	9508	8407	7406	8451	8107	10404	6687	8088	104399	141
2026758	11167	9174	3806	3335	600	0	0	0	0	3152	11353	11167	53754	120
2026766	22157	19793	13279	8905	24	0	0	0	0	4298	10725	11891	91072	89
2026772	5321	2983	1253	336	0	3	3	4	4	10	2397	4550	16864	90
2026784	8954	7044	4661	3226	1917	1167	1034	1034	1377	3118	6503	7454	47489	72
2026838	14880	10438	4919	2372	0	0	0	0	0	1490	9752	10593	54444	72
2026870	6907	7304	1665	0	0	0	0	11	30	2056	6245	7746	31964	82
2026874	4322	3510	2334	993	0	0	0	0	0	375	2563	2585	16682	54
2027160	6212	4648	1612	543	0	0	0	0	0	656	4578	5446	23694	75
2027215	4802	3998	2594	1371	0	0	0	0	0	985	3398	3682	20830	75
2027224	0	0	0	0	0	0	0	0	2	0	2266	3106	5374	207
2027375	0	0	0	0	17393	4179	3423	3401	3892	8851	17225	18990	77354	189
2027381	5031	4357	2827	1952	1530	1163	1288	1232	1034	1291	3193	4241	29139	402
2027383	7257	6458	2464	1711	6	9	6	5	6	988	5132	6087	30129	54
2027392	10653	9911	8596	7652	6080	5341	5353	5818	5201	7668	9509	9361	91144	269
2027401	10371	9228	7200	5715	4949	4444	2326	5431	5076	5877	9189	8468	78274	50
2027402	12725	11339	8864	6958	6059	5463	2908	6819	6255	7211	11379	10459	96439	50
2027406	18938	19290	16922	15116	14402	13042	13783	13993	12359	16419	25536	20523	200323	600
2027423	5619	4673	2648	2337	161	0	0	0	0	939	4231	4194	24802	86
2027430	5023	4376	2805	1948	1544	1157	1279	1184	1084	1302	3191	4230	29123	402
2027454	6390	5242	2582	345	0	0	0	0	8	455	6700	3922	25644	187
2027459	22416	20468	21189	20122	19907	19352	20420	19518	19361	22555	24145	23366	252818	703
2027464	11515	7394	4632	2541	103	0	0	0	0	2517	8684	9640	47026	200
2027476	7164	6692	5652	5166	2600	2591	2787	2907	3533	4177	5677	7459	56405	144
2027477	6562	6226	5385	5583	5333	4278	3361	4454	3955	4759	4679	4227	58802	513
2027484	6859	4796	1353	805	0	0	0	1	2	291	2915	3709	20731	232
2027485	42071	37836	23845	20128	6300	5071	4111	4140	4967	13609	32627	35484	230189	392
2027489	1797	1465	788	390	0	0	0	0	2	219	0	1428	6089	346
2027494	24034	19902	12595	5335	0	0	0	0	3	1555	18364	19141	100931	100
2027498	24577	22309	24633	18716	19351	19298	16613	19739	18753	18509	20437	19196	242129	168
2027510	8940	9443	8535	7877	8714	7583	8376	7994	6373	6950	7056	6468	94309	235
2027520	0	0	0	0	0	0	0	0	0	0	0	14149	14149	256
2027524	30860	23000	16757	10564	6636	5082	4615	4356	4553	11807	21574	23417	163221	500
2027527	15659	12066	8500	6925	1743	1389	1270	1311	1461	5307	10951	11834	78417	140
2027529	51827	44565	30845	20332	10855	8970	7196	6910	7978	16045	38063	43430	287016	648
2027531	0	35986	11502	9490	469	0	0	0	0	5134	20607	22072	105260	222
2027533	0	0	0	0	213	0	0	0	0	4412	11530	13333	29488	24.6
2027536	5925	5303	1628	119	0	0	0	0	0	0	4108	4699	21782	83
2027544	16993	17438	15258	13567	12761	11382	11822	12027	10685	14364	22840	18555	177693	600
2027560	8589	8509	4260	2372	931	494	295	741	1210	2992	6025	6018	42436	8
2027563	7894	7745	2628	0	0	0	0	0	0	1	5966	6361	30595	75
2027564	4318	3851	2177	1389	442	0	0	446	671	1034	4134	4786	23248	215
2027581	0	0	0	0	0	0	0	0	0	0	8835	9929	18764	143
2027589	0	0	0	0	0	0	0	0	0	0	0	8691	8691	424
2027591	5402	4708	3860	2569	2011	1747	1380	1568	1858	2152	3523	3969	34747	73
2027600	10526	9171	5663	5021	1919	1737	1547	1566	1915	4650	9284	9588	62588	153
2027620	12466	11172	6194	4680	337	1	4	0	3	3089	9634	8526	56107	235
2027625	3992	3777	2232	1560	615	441	391	312	563	1502	3564	3042	21991	215
2027635	3795	2922	2340	2269	2319	2104	2146	2138	1996	2497	2886	3222	30634	154
2027641	11996	9749	4585	3569	76	0	0	0	0	2830	9908	12974	55687	186
2027642	13677	10174	3674	2039	1	0	0	0	0	2449	11635	10340	53989	27.4
2035210	0	0	0	0	0	0	0	0	0	246	1781	1974	4001	54
2035356	0	0	0	0	0	0	0	0	0	0	1972	1856	3828	43
2035366	0	0	0	0	0	0	0	0	0	169	1514	1914	3597	50

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MTR_NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL CCF	MDQ(Dth)
2035408	0	0	0	0	0	0	0	0	0	211	1532	1833	3576	48
2035554	3860	3469	2221	1691	858	643	539	546	624	1046	3119	3431	22047	48
2035694	0	0	0	0	982	0	0	0	0	128	871	1019	3000	26
2035814	5555	3211	1261	333	0	2	4	2	3	9	2417	5004	17801	90
2035839	6946	5440	3422	2474	1600	1621	784	1519	1314	1751	4159	4739	35768	156
2035849	0	0	0	1961	303	0	0	0	12	1461	5202	5731	14670	424
2035886	6594	6699	5571	5100	1794	2145	3476	4631	6403	6632	6786	8563	64394	95
2035887	8093	6003	2468	2822	378	112	1	0	0	1892	5445	6991	34205	98
2035891	7081	6807	5327	6140	2735	2068	2069	2226	2188	3841	7137	6955	54576	844
2035943	2433	1639	1561	1307	1533	1492	1795	1917	1815	2091	2768	3817	24168	72
2035967	3377	3175	3157	3368	3836	3556	3612	3807	3626	4262	4025	4063	43864	168
2035986	5959	6093	5190	4249	3910	3724	3850	3663	3427	3686	3959	3461	51172	126
2036046	3267	2455	1291	363	0	0	0	0	2	721	2444	2498	13041	120
2036145	11674	8457	3582	1357	0	0	0	0	14	688	7504	8640	41916	163
2036147	5463	4043	2199	837	0	0	0	8	0	494	3913	4825	21782	223
2036151	9798	7835	5115	3819	250	0	0	0	1	2370	7000	6766	42954	72
2036167	17846	14223	9130	5474	0	0	0	1	0	3792	14123	16353	80943	26
2036180	38698	36894	43880	37224	30507	31949	11592	2425	3471	3653	15504	39988	295786	748
2036185	0	15130	8920	3970	10	0	0	0	0	2962	17307	20540	68839	341
2036186	109300	94370	76730	63710	14250	0	0	0	340	49740	90280	97650	596370	2087
2036187	32424	25220	16620	10412	1416	0	0	0	0	13340	31414	35695	166541	576
2036188	22514	17954	13391	11009	13325	15028	17355	18096	13480	11477	18260	18642	190531	844
2036189	13560	12151	3019	2672	0	0	0	0	0	729	9305	11473	52910	397
2036194	67939	184002	191686	179554	260434	241022	193708	217365	224846	218376	299054	291168	2569153	2365
2036195	0	54600	9400	6300	100	0	0	0	0	2261	13614	16527	102802	701
2064820	0	0	0	0	0	0	0	0	0	0	3448	3144	6592	58
2064880	0	0	0	0	0	0	0	3848	3579	2964	4690	5060	20142	90
2064972	22624	17185	6928	5656	0	0	0	0	0	4014	18585	19996	94988	149
2064974	22730	16000	3530	0	0	0	0	0	0	1431	13287	17441	74418	417
2064975	15880	15130	14370	15680	17410	14180	13560	13820	12960	16380	16660	16280	182310	250
2064976	17600	15040	9050	6460	0	0	0	0	0	0	9354	17380	74884	377
2064977	6600	4660	2250	1280	230	0	0	0	0	70	3380	4950	23420	229
2064979	29994	25575	19148	16336	20085	16202	41241	23206	18972	13149	17116	18799	259821	1400
2064980	52439	39836	22214	15059	107	0	0	0	0	14672	36965	38856	220148	1269
2064982	0	0	0	0	0	213500	234900	243900	268700	376800	560900	595800	2494500	4740
2070242	4039	3433	2339	1471	552	0	118	0	0	239	1375	1677	15243	64
2070249	4079	3402	2271	1450	491	0	119	0	0	587	2667	3444	18510	64
2070260	3715	3131	2137	1445	513	0	103	0	0	402	2465	3353	17264	64
2070271	3122	2687	1845	649	7	0	24	0	0	300	2060	2990	13684	64
2070351	2124	1950	1587	1092	536	444	365	370	443	930	2108	2278	14227	89
2070391	2418	2217	1784	1019	946	656	338	347	404	524	1632	2000	14285	89
2090400	130100	112500	102700	92600	96300	110000	142800	118800	98000	62200	94582	95195	1255778	3300
2094623	78242	73824	80122	71740	74587	68817	68565	70099	65953	73980	79579	68956	874464	437
2115067	6308	5733	3950	3189	238	0	0	0	0	306	4598	3592	27914	31
2115136	6856	4901	1637	248	1	0	0	1	0	465	4622	3061	21793	202
2115137	0	0	0	0	0	0	0	0	0	0	0	35076	35076	453
2115141	0	0	0	0	0	0	0	0	0	765	2867	4019	7651	83
2115146	0	0	0	0	0	0	133	0	45	884	4249	4646	9958	925
2115434	0	0	572	245	99	44	42	9	0	58	550	660	2279	1252
2115543	5473	4494	2636	1466	0	0	0	0	0	1133	3697	4065	22964	302
2115553	19555	18098	18564	17887	16863	16557	16573	15945	17235	18377	18166	18306	212125	60
2115588	0	0	0	2382	1961	2104	1995	1937	2021	2545	7703	7966	30612	541
2115589	0	0	0	2364	1929	1965	1631	1603	1602	2047	7096	7008	27245	541
2115592	0	0	0	0	102	0	0	0	36	678	3314	3600	7730	416
2115593	0	0	0	0	0	0	0	0	6975	9784	14055	11665	42479	388
2115595	21823	17631	11462	8509	0	3919	6185	9959	9122	6501	3599	7067	105777	373
2115597	0	0	0	0	0	0	0	0	0	0	9619	11644	21263	59
2115841	0	0	0	13160	18977	27179	26437	26858	36483	40511	42749	35970	268324	1851
2115842	0	0	0	0	0	0	0	0	0	647	3323	4376	8346	107
2115843	13559	10282	3384	563	173	1	0	0	1	0	7978	14179	50120	368
2115844	0	0	0	19945	49140	33698	33484	34257	45392	51015	54141	46272	367344	1851
2115901	0	0	0	386	59	0	0	0	0	80	388	438	1356	54
2116004	0	0	0	0	0	0	0	0	0	384	4838	5064	10286	38
2116148	9850	9070	6020	5410	2350	1890	1640	1260	1430	2540	6180	8030	55670	523
2116149	5530	3460	1580	720	0	0	0	0	0	145	3273	3731	18440	98
2116154	14125	11993	13134	12238	8717	13921	7788	11924	9499	8166	10548	13608	135660	645
2116156	15049	11914	8636	5710	2398	2236	1802	1947	1922	4146	13251	13379	82390	60
2116157	44650	41880	35720	32710	0	0	62326	17830	19610	28240	36533	36500	355999	432
2116158	53570	49310	22075	11360	0	730	10	0	0	11590	47080	49370	245095	424
2116160	34800	31100	19400	13400	700	0	0	0	0	1100	27400	29600	157500	547
2116161	189583	163528	141527	23535	0	0	0	0	410	1022	136756	176087	832448	1225

Tab 8

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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.

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MTR_NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL CCF	MDQ(Dth)
1263000	68076	54720	51983	52832	42267	37458	33053	33771	38161	47957	54297	58976	573548	267
1305000	188931	172434	156277	152381	148736	130119	134715	136685	118900	144715	174506	179703	1838101	420
1305002	0	0	107614	141185	36405	31134	28518	28832	30222	38093	43889	37177	523068	360
1305003	0	0	306604	56063	63674	64148	61520	62071	53849	53190	34508	21603	777231	706
1320010	50300	43730	48650	43720	41100	46920	39610	42100	38320	42190	36470	35650	508760	1465
1356069	61791	52521	42135	39138	26963	20878	20690	23052	21942	29793	55292	65533	459730	994
1356070	68159	64669	49455	43436	30016	23730	19161	13832	26752	32985	58521	62938	493655	400
1356078	27100	16700	7600	800	0	0	0	0	205	924	11018	13510	77857	1032
1369138	6390	6310	2490	1690	0	0	0	0	0	1390	6966	5062	32298	348
1374187	34700	30600	10900	4100	0	0	0	0	102	1341	24111	26718	132572	1222
1377228	13670	11500	7810	3060	500	0	0	0	0	1430	9300	11850	59120	58
1378232	7910	4620	1960	1290	210	0	0	0	10	873	5072	5579	27524	340
1383344	0	0	0	0	0	0	0	0	5110	9510	19910	22250	56780	452
1383481	47245	36765	26702	17779	9788	9298	8022	8155	9125	15240	34771	39207	262099	417
1389590	56220	47920	36030	27180	26070	19760	16350	16120	17380	24520	39330	41350	368230	240
1389592	16296	11715	5397	1189	0	0	10	0	0	309	10822	15451	61190	351
1393689	52460	50730	46360	30030	20100	16330	12120	12710	14410	28740	44140	47580	375710	720
1393761	26684	22390	23114	24357	20951	18578	17852	17486	18395	20850	25009	26367	262031	200
1393763	13213	9510	3072	284	11	0	0	0	172	3076	12108	11622	53068	200
1393766	20250	17540	9630	6320	4830	4040	3100	2740	3310	6770	14340	15900	108770	180
1393767	0	0	0	0	0	0	0	0	0	0	0	22100	22100	554
1397885	7290	5330	2840	1820	80	0	0	50	10	750	4853	5278	28302	403
1397886	11430	6350	2760	1370	270	0	0	0	0	771	5778	5416	34144	311
1402992	37890	30740	15260	12250	2970	2610	2180	2170	2500	11170	29450	31700	180890	496
1403018	9640	7260	3290	2750	40	0	0	0	0	710	5216	6330	35236	383
1406184	9790	6260	3080	1390	130	0	0	0	0	792	6045	7181	34668	340
1414463	53202	49888	47836	42719	35887	28995	25285	24339	30157	36447	42811	46245	463810	200
1414492	28800	22800	8200	3200	0	0	0	0	0	3092	17566	16844	100501	958
1420497	90302	73902	63580	57988	56526	56042	57729	60652	55026	67141	84742	71399	795028	407
1426742	24014	21622	19028	13973	8268	4891	488	62	7613	17892	22161	23835	163846	172
1440487	0	0	0	0	0	0	0	0	0	0	0	1420	1420	226
1452606	28411	22709	12394	9304	11	0	0	0	0	6657	21527	24129	125142	31
1457534	88891	73576	40105	29341	0	0	0	0	0	19421	70723	73396	395454	784
1480546	12150	10330	3230	1640	0	0	0	0	0	801	8015	6366	42532	782
1514011	125150	114330	85040	68760	38450	0	0	0	260	60400	93930	110520	696840	2191
1514012	12100	7780	3280	2710	300	20	0	0	82	2731	8763	8776	46541	314
1519033	25507	22110	16541	216	0	0	0	0	0	1548	20044	24772	110738	120
1519035	57892	52076	31116	16577	7814	6131	6563	6177	6304	17414	47709	52419	308193	1833
1519038	50909	54114	34109	22470	11549	12309	11242	16047	18320	18409	48844	53710	352030	300
1521897	14330	12193	7500	3609	1200	295	204	297	288	718	10238	11624	62496	302
1526402	32673	14539	5399	723	0	0	0	0	0	1656	12000	13197	80186	336
1526403	46790	39880	29740	22550	11100	7640	4510	4110	6470	19370	39660	38910	270730	958
1526404	17660	14320	10100	8230	4550	3470	3810	3620	3210	6600	11950	13780	101300	419
1526406	55840	50253	47385	42805	36428	30349	25992	28184	35464	46064	61318	66254	526335	408
1526421	11850	9358	5997	3381	165	0	0	0	10	2616	9751	11560	54688	216
1526423	14980	12280	8570	6790	3930	2760	2260	2220	3040	5730	11890	13210	87660	266
1526424	8220	5900	2440	1520	50	0	0	0	0	360	4820	3630	26940	223
1526425	21232	17547	12325	6269	2093	1816	1677	1709	1816	7465	15112	16134	105195	360
1526426	29263	29199	22172	13542	4389	4144	4016	3984	4240	8202	21862	20655	165668	782
1526427	12860	0	15753	2220	3250	5010	7940	6920	3580	1310	8270	8750	75863	144
1526428	43663	34805	24552	16379	21393	62401	65992	56086	31648	7408	28929	29894	423151	360
1526431	17720	11860	0	180	0	0	0	0	0	0	12520	15360	57640	81
1526433	54729	43565	41132	36831	34172	40543	38662	37472	37583	43484	49653	53532	511357	500
1526435	82600	70600	58400	54200	44400	39500	37400	36700	39478	51998	70263	78960	664500	946
1526437	92900	72700	48300	32400	15800	11800	2100	0	6400	31100	66624	73354	453478	2847
1526465	19153	16311	10447	8149	5128	3972	2793	2797	3657	8288	14522	16847	112064	75
1526468	0	7316	2649	918	43	0	0	0	0	566	5618	7658	24767	24
1526470	7710	4980	1760	0	0	0	0	0	10	300	4426	5924	25111	92
1526471	54720	45900	33540	27890	20770	21270	17880	21200	20890	32160	53140	51030	400390	419
1526476	56774	49007	34145	26378	20219	18880	11515	16336	20621	24102	48018	53636	379630	43
1533333	16980	12890	7020	2090	0	10	0	0	0	1330	11550	11870	63740	302
1533335	34050	27880	21740	23180	16180	7060	6440	6300	4150	0	29140	46570	222690	624
1533336	32950	27420	12210	0	500	6880	5590	5690	8690	20400	22990	9990	153310	622
1546085	32467	26251	16757	11321	6974	3738	3289	3503	3930	7967	27084	23101	166384	782
1546087	29605	25087	18530	13638	3567	3204	2958	3108	3621	10530	23955	24596	162400	3128
1546088	28569	25632	17141	13713	5297	4571	4678	5468	5607	8993	22236	20730	162635	782
1546132	0	0	0	0	0	0	0	0	0	67151	65253	89468	221872	
1546140	68696	61837	42027	23996	5597	5502	4997	4376	0	4488	0	57260	278776	522
1546143	14497	11726	8458	7424	3516	1706	1406	1727	2285	4849	9844	11240	78677	162
1546144	4490	3440	1380	1030	10	0	0	0	0	698	3626	3338	18012	312
1546146	17680	14140	11560	9230	7030	5990	5620	5800	6140	10180	20080	22537	135987	313
1546148	0	0	0	0	0	0	0	0	0	0	0	27991	27991	852
1553324	27168	22040	11448	4512	13	0	0	0	67	4660	23058	23995	116962	522
1553325	0	0	0	0	0	0	0	0	0	0	0	31120	31120	374
1553327	0	58152	20518	17508	4417	11	0	0	0	13081	27227	30486	171399	240
1553328	7197	5977	2533	1272	0	31	0	0	0	659	4911	4720	27298	281
1553331	53453	43927	23112	17718	2008	1324	1559	1623	1452	10413	42848	46575	246014	490
1553337	23100	20230	10830	3480	0	0	0	0	20	2920	17000	24490	102070	209
1571005	14886	11435	5228	1946	0	0	0	0	0	1189	9973	10962	55619	64
1571006	11677	8910	3892	1494	32	0	0	0	0	684	7396	8216	42301	64
1575425	11690	6280	2890	1900	10	0	0	0	0	0	5770	6270	34810	383
1582085	2353600	2187300	2325200	2035000	2195100	2013400	2074900	1982100	2105000	1830600	2124800	2320000	25547000	

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MTR_NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	CCF	MDQ(Dth)
1582087	0	16699	8179	2368	0	0	0	0	0	951	14466	15407	58069		384
1582088	30220	28382	13187	11093	2065	1568	1202	2306	3116	14042	35465	39917	182565		1046
1582089	48306	38694	25707	13905	5724	4923	4261	4560	5020	18487	37871	43281	250740		479
1601878	35430	30960	22400	13880	10	60	0	0	30	6570	28340	33610	171290		305
1601879	88534	83357	67949	64787	48874	86656	78503	78820	91127	86616	85728	83012	943963		707
1601880	14630	13340	8250	5310	350	0	0	0	0	2850	10630	11730	67090		272
1611015	0	0	0	15500	40700	39900	31800	21500	15100	33700	40300	19200	257700		750
1611615	7697	5285	2074	1563	0	0	0	0	3	610	4234	4511	25977		295
1611635	72086	57064	33486	24093	6407	5476	4848	4873	6308	18707	51648	59555	344551		173
1611637	24520	19810	13460	11450	7020	6100	5530	5900	6340	10460	19570	20070	150230		403
1611638	15410	11400	5770	4440	130	0	0	0	20	1891	10416	10055	59532		454
1611639	7038	5009	1645	523	11	0	0	0	0	1335	5447	5789	26796		591
1621317	311184	261507	222810	271281	169785	153717	199511	124795	111271	143943	235921	260625	2466349		1300
1621318	24480	20460	7490	1310	0	0	10	10	61	993	16569	15852	87236		843
1621319	41438	33621	24286	17537	12410	10146	9986	9495	10061	16415	29658	32820	247872		504
1658873	12380	7790	3770	1850	0	0	0	0	0	648	6995	5953	39386		172
1658874	48598	45440	45906	44861	42657	36148	23333	34307	46940	51336	54721	48360	522605		503
1658875	0	0	0	0	0	0	0	0	0	0	0	22243	22243		685
1658876	23930	15150	4910	900	0	0	0	0	0	845	12334	17292	75361		244
1658878	38919	27434	12167	7520	0	0	0	57	0	7952	31399	31047	156495		733
1658879	13050	10330	7200	5600	2750	1080	990	1030	1100	4770	9980	10810	68690		269
1658880	22600	22750	20870	20200	20770	18180	18090	19510	19650	22670	24160	23010	252460		626
1658881	25540	21760	12290	11110	0	0	0	0	20	4410	21580	21818	118528		556
1658882	26294	20666	10691	4026	0	0	0	21	11	1760	21996	23162	108628		907
1658883	33835	17897	7988	2290	0	0	13	0	0	2575	17925	16486	99009		934
1658884	79500	63100	41800	33700	17000	10700	5600	9743	15384	40750	51658	60036	428972		1400
1658886	700	0	800	2200	1000	18800	69300	35600	23400	10600	6900	100	169400		4372
1685268	7310	5470	2140	1070	0	0	0	0	0	546	4853	4182	25572		277
1685269	18910	20450	20850	19840	21250	19710	18360	18240	17420	23750	24410	22660	245850		178
1685272	50989	42634	26097	15265	0	0	0	0	27	9935	40706	45151	230803		859
1685273	25869	21678	13644	9949	2879	1660	1500	1674	1834	6146	19469	21518	127821		302
1685276	13790	10140	4900	2240	0	0	0	10	0	424	9427	10071	51002		554
1685278	27450	21756	12838	9849	3401	2860	2612	2637	2519	3947	20392	23844	134104		703
1685280	19030	15650	3820	11940	4460	4570	4000	7380	10040	10220	13010	22910	127030		605
1701739	41652	37914	33322	31506	28088	24244	22535	23176	24030	27768	35778	36846	366858		123
1722873	18573	14274	8810	6987	3678	2569	1971	1912	2399	5727	13579	15102	95581		424
1722879	10971	9367	6111	5115	1989	1585	1222	1021	2284	5767	9303	10316	65051		204
1722888	22980	18052	12866	10841	8084	6303	5415	5547	6150	9231	16665	18686	140820		424
1722889	8616	7247	4314	3302	128	0	0	0	0	2076	6803	8053	40539		163
1722906	22740	19381	14321	10579	527	0	0	0	0	3938	15427	15847	102762		324
1723873	4945	4012	1965	1198	258	81	72	74	80	804	3263	3811	20563		120
1723876	9921	7591	4300	1783	0	1	0	0	1	1799	9040	9991	44427		241
1723898	55200	43000	17900	7500	0	0	0	0	0	2260	18807	15908	160575		698
1723900	40852	33055	31419	30532	28999	26278	26398	28584	27274	25584	32324	31616	362914		240
1723997	31860	33640	27110	31840	31770	29560	33870	31290	19040	20320	17020	11280	318600		141
1723998	55439	50643	40051	33049	20287	14563	12658	13413	15837	28321	46888	48726	379878		400
1724001	12610	8670	3380	1520	0	0	0	0	0	454	14348	12151	53133		389
1724003	27280	22310	14790	10820	4980	3380	3420	3100	3330	7450	20950	22120	143930		565
1724005	27459	25331	27060	26767	27066	25633	26326	26359	25408	26704	26139	26337	316589		703
1724006	24686	21763	5948	8530	6030	5423	5094	4970	4558	7769	15538	18213	128522		264
1724008	0	32460	25740	23700	22040	18380	18660	21120	21530	23440	40520	38247	285837		418
1724008	0	36533	25740	23700	22040	18380	18660	21120	21530	23440	40520	38247	289910		418
1724010	23674	22897	22602	21344	24638	23968	22991	24236	20955	23687	21558	21022	273571		495
1724011	7910	5000	1920	720	0	0	0	0	0	526	4553	5716	26345		469
1724210	8792	4155	2506	3345	3033	667	757	701	119	803	4105	5151	34134		449
1724219	22269	25405	19844	12750	19073	17580	14378	17396	17788	12667	19329	16593	215072		305
1724226	73177	65971	68244	59225	56496	49831	50678	49518	27072	51081	67553	78233	697080		550
1724230	11647	8680	4472	1675	7	7	8	8	7	606	5428	5967	38512		203
1724240	8531	7035	3082	1674	0	0	0	0	49	1061	5602	5763	32797		180
1724851	74400	69500	63200	62400	45800	38800	38400	31100	40600	47600	71800	68600	652200		1461
1724852	87100	81700	75500	75000	54500	46200	45600	37100	48400	56200	84300	80700	772300		1461
1724853	30118	22855	8437	5660	0	0	0	0	0	3190	28627	30459	129347		192
1724854	96280	87633	82310	64787	41819	35748	31087	36171	34753	41255	66506	69875	688222		1046
1724856	0	0	0	0	0	0	0	0	0	0	0	30900	30900		927
1756622	109824	107745	63735	71486	62103	67946	82894	81966	93873	115877	105837	90918	1054204		1380
1756663	61574	46667	18398	12001	422	0	0	0	0	6786	40674	50717	237240		316
1756664	31070	23520	11160	4730	0	0	0	10	0	3380	22720	25770	122360		302
1771898	30790	0	4023	22630	55545	63030	23311	70734	94124	108293	28712	32635	533827		750
1786008	357700	312500	255400	214600	179500	148900	140700	137200	144800	192300	285300	308100	2677000		5500
1786009	330100	288300	236000	198200	166300	138100	129900	126700	133800	177600	263000	284000	2472000		5500
1806076	55800	41700	29600	22100	15400	15800	17200	17600	15400	21800	50000	49500	351900		1709
1806077	70100	62900	57400	26200	2900	2200	1900	2000	2100	6400	56700	51500	342300		151
1806079	22187	18304	11743	9534	2544	629	281	308	1460	6802	15385	15907	105085		605
1806080	9500	8080	8780	6320	6030	5100	4910	6230	6370	4830	9250	11630	87030		277
1806092	30723	27644	31762	31665	40086	37574	30747	30248	24067	26413	33390	27355	371675		63
1826506	7141	5922	4350	3771	3608	3375	3116	3351	3200	4128	4681	4446	51089		130
1826561	6240	5113	3155	2302	1158	990	828	853	1008	1721	4939	5512	33819		31.2
1826616	5816	5176	3153	2448	583	0	0	0	0	1849	4477	5163	28665		34
1826674	10689	9257	9041	9023	9504	7555	6288	5505	5571	6022	7935	9271	95660		114
1884404	2041	1822	1141	462	253	209	187	194	207	446	1505	1940	10407		89
1884506	10904	8344	3728	1072	0	0	0	0	56	1340	6777	6060	38282		149
1884510	26219	21078	13183	9085	5412	4792	3554	3841	4475	8294	19146	21657	140735		676

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MTR_NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL CCF	MDQ(Dth)
1884513	7179	6168	4410	3888	3021	2570	2407	2676	3155	3420	5710	6083	50687	133
1884569	62800	45200	46100	38600	24300	0	0	1900	31700	29600	38300	42100	360600	1222
1884573	26000	21100	7500	4700	0	0	0	0	102	3591	18500	16429	97922	644
1884576	27437	24425	13980	10509	1420	0	0	0	577	3813	20399	22845	125405	301
1884577	38155	34687	16507	7272	0	0	0	0	0	734	25681	43609	166646	720
1884579	8940	8094	5716	2460	0	0	0	0	0	1873	5540	5825	38448	202
1906514	1053410	997020	970310	745730	888880	779900	564700	821220	823180	876110	1020650	977370	10518480	
1906623	0	0	0	0	0	1736	1633	1659	1794	5210	7081	7923	27036	144
1906625	11732	11126	10272	9868	8336	7052	6864	7280	7283	8345	8546	9384	106089	30
1906628	7639	6023	1916	867	0	0	0	0	1	642	6341	6801	30231	228
1906643	77636	79885	90680	82552	88877	85284	0	287680	74050	88470	94290	93960	1143364	1151
1906648	5374	4214	1942	847	3440	5284	5119	5168	4068	2511	3769	3532	45269	302
1906650	262202	233683	202212	178553	167097	148908	168320	165186	108752	188829	192480	163906	2180128	1500
1909300	187890	138450	475300	6420	0	0	13080	10610	6880	110940	1720570	1089000	3759140	
1909301	10304390	10111200	7791880	8865790	9446630	8136230	8799800	8371200	2922230	4665910	8830210	9239000	97484470	
1909334	4547	4506	3241	2765	1406	1631	1533	1503	1418	2265	3947	4764	33526	130
1909351	6682	5475	2519	2318	0	0	0	0	0	1944	5139	5738	29815	110
1921552	2308	1773	1493	944	431	371	386	452	376	755	1695	1683	12667	89
1921575	14026	11815	4304	2703	144	0	0	0	53	1939	8838	11806	55628	285
1921578	5610	4602	2799	1554	1473	1641	1698	2004	2574	3460	5190	4205	36810	183
1921579	6174	4976	3898	3702	2505	1571	652	575	1546	4136	5949	6305	41990	240
1921700	46757	39035	15005	9281	0	0	0	0	22	4543	35350	34358	184352	831
1921701	77600	69754	53714	30767	30046	28688	30505	32559	31899	34618	59450	69284	548884	84
1921703	29290	24350	14670	10570	620	0	0	0	0	4580	20070	21900	126050	354
1954681	56556	47369	34712	29233	21163	18943	19265	20283	20605	3473	54890	70749	397241	907
1954683	39107	30894	19881	14510	15771	16907	18754	19363	18763	17296	27335	33493	272072	728
1954684	67887	57443	36689	29458	2946	0	0	0	670	18210	46731	55569	315602	1565
1986388	4382	3391	1516	703	45	16	0	0	0	545	3634	3403	17635	58
1987495	13990	14180	16210	13940	14510	11610	7020	13770	10530	11520	10610	9010	146900	313
1987496	620	590	210	190	0	0	0	0	0	730	6950	5946	15236	13.7
1987500	47520	37070	8050	350	0	0	0	0	0	80	37780	40440	171290	432
1987633	0	0	813	330	0	0	1	0	0	469	1880	2245	5738	76
1987683	0	0	877	316	0	0	2	0	0	506	1487	1392	4580	76
1987777	0	0	0	0	0	0	0	7536	6793	7847	7900	7244	37320	202
1987785	0	0	0	0	0	0	931	973	1049	2487	5508	6022	16970	115
1987786	7249	4648	2122	775	0	0	0	0	0	330	6092	7040	28256	397
1987797	11119	9856	8810	8371	8159	7577	7053	7755	7106	8076	10124	9766	103771	281
1987801	27744	20928	15295	9386	0	9017	3301	3384	3694	10345	19954	21847	144895	500
1987803	42239	35062	35702	31821	54219	50241	62054	59548	43804	31277	27781	31935	505683	456
1987805	11600	9136	5033	3334	764	310	279	284	304	1657	8009	8963	49674	237
1987808	120	20	0	0	10	0	4850	6550	6140	20	0	113	17823	2847
1987809	17035	14098	7166	4315	256	0	0	0	491	3531	10578	13952	71422	396
1987810	7920	4730	1480	240	0	0	0	10	0	455	5362	4515	24712	240
1987812	11800	8920	5040	2680	430	0	0	0	0	570	6510	6530	42480	272
1987814	512100	482200	484400	468700	476600	454400	392000	487100	448900	483900	518400	378000	5586700	3432
1987815	58514	49141	33475	26914	17809	13926	15265	15131	15800	24370	47668	51150	369162	2169
1989421	20737	17360	6540	3527	0	0	0	0	0	15	9844	10941	68965	170
1989422	7007	5570	1814	571	0	0	0	0	0	0	2549	3481	20991	269
1989426	28501	24219	16764	12988	2795	2404	2275	2310	2518	10319	24030	24184	153307	320
1989428	56121	47707	35519	29548	21064	7507	7226	6917	8490	22210	42691	49039	334041	720
1989625	5742	5492	1961	551	0	0	0	0	21	25	4339	5650	23782	136
1989652	16286	13081	9802	7959	7545	5330	4634	4646	4980	6427	11861	12818	105369	215
2012851	0	0	0	0	0	0	0	0	574	1541	2994	3039	8148	127
2012853	0	0	0	0	0	0	0	0	619	1626	3503	3253	9001	127
2012857	0	0	0	0	0	0	0	0	533	1652	2971	2231	7387	127
2012861	4861	4462	3464	3305	1649	1218	939	826	1344	2544	3881	3752	32242	216
2012880	9378	8017	6813	8749	8202	1024	7532	17413	13056	12792	8141	8221	109339	103
2012886	4969	4389	2800	1972	181	0	0	0	227	1195	4463	4235	24431	120
2023812	13372	10643	7449	6088	1227	9	187	7	7	4812	9894	11077	64771	131
2023825	0	0	0	1138	58	0	0	0	2	0	1559	4699	7456	76
2023831	3535	3321	3370	3245	3170	2761	2287	2428	2346	2865	3080	3209	35617	132
2023840	5719	4800	3824	2919	1460	892	805	822	883	2406	4342	4663	33535	112
2023951	21888	16752	7457	4238	0	0	0	0	0	1813	17008	21270	90426	346
2023952	35190	33570	17710	16540	7640	5690	4220	4370	4780	12460	29840	28897	200907	549
2023953	76157	58231	50382	48712	32967	25196	21141	20698	27082	40089	59265	61583	521504	576
2023955	93757	82777	52877	35376	10150	8757	5718	6574	5784	19496	78894	77461	477621	518
2023958	0	0	10980	6963	0	0	0	0	0	3159	19068	20203	60373	843
2023960	23361	23584	13789	8753	10487	8725	7635	7953	8784	9051	12520	14349	148991	1362
2024285	6965	5717	3661	2762	938	535	432	429	533	1996	5084	5623	34675	174
2024290	7904	6910	4692	3641	874	593	496	507	575	2527	5899	6734	41352	174
2024299	7795	6396	3894	2808	735	412	432	429	515	2120	5828	6489	37853	174
2024307	12544	10531	5557	3252	33	0	0	0	0	2161	10016	10443	54537	111
2024367	4455	3533	1185	593	11	0	0	0	1	228	3427	2803	16238	888
2024604	4960	4415	5232	4231	7385	7667	3769	5621	6475	5945	4765	5414	65879	78
2024644	10015	8067	5928	3856	1209	1013	938	1049	1119	1970	5649	6432	47245	480
2024645	8611	9322	5034	2294	885	668	604	682	1156	3293	6776	7522	46849	172
2024648	21924	18717	15757	14295	13864	12003	11239	13423	12253	13465	18091	16308	181339	172
2024675	5925	4651	6188	5429	1052	428	347	382	443	2816	6140	6840	40643	42
2024683	26012	20383	15623	11407	3538	2246	2047	2065	2249	9181	18973	20831	134555	291
2024684	7353	5221	2638	1292	0	0	0	0	50	1272	5143	4255	27224	211
2024694	7638	6092	2583	1439	165	0	0	0	0	601	4903	5661	29082	260
2024698	6365	4831	2499	1367	113	0	0	863	1542	982	4370	4874	27806	272

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MTR	NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL CCF	MDQ(Dth)
2024702	0	0	0	0	0	0	0	0	0	0	0	0	18458	18458	354
2024703	15346	11762	7292	4172	2	2	2	1	0	3996	14214	13494	70283	152	
2024704	10267	8452	5187	2748	1966	3	13	0	0	2089	9346	8463	48534	257	
2024705	16430	13845	9503	7756	5447	4777	4560	4441	4751	7512	12738	13339	105098	278	
2024706	6159	4626	1956	678	68	0	0	0	0	151	3394	3430	20462	240	
2024712	13712	9847	3471	825	0	0	0	0	0	19	7997	10547	46418	235	
2024714	9303	7680	3511	2994	0	0	0	0	0	1274	6469	7084	38315	167	
2024715	25227	19449	8127	5887	0	0	0	0	0	346	23441	26076	108552	429	
2024719	7628	5843	3338	1832	1749	1816	1414	1743	1790	1777	5044	5819	39793	251	
2024851	19394	15662	9120	6506	830	0	0	0	5	1083	13810	14696	81107	100	
2024992	1518	1210	629	429	5	0	0	0	0	271	1103	1269	6434	296	
2025003	5292	4077	2663	2404	2090	1398	1209	1095	1348	1830	3148	3899	30453	400	
2025031	0	0	0	0	0	0	0	0	0	0	0	9973	9973	573	
2025049	4807	5317	5220	6132	6238	5802	1964	493	3655	3936	5433	6351	55346	65	
2025082	3819	3086	2296	1935	1014	1	0	0	374	2501	3037	3337	21400	163	
2025095	11720	9262	4194	3498	387	0	0	0	2	2503	11794	12266	55625	149	
2025099	3454	2386	974	357	24	0	0	3	5	122	2131	2204	11660	400	
2025107	8025	5852	1934	168	0	0	0	0	0	0	4849	6153	26981	209	
2025139	11773	10292	5158	1582	0	0	0	0	0	1383	6830	8269	45287	90	
2025146	10391	7236	3442	902	628	1604	2702	3434	2611	1786	7174	7267	49178	599	
2025149	6083	5757	4329	3971	1483	807	824	1051	2270	2643	4408	3983	37608	336	
2025150	6688	5679	2839	1772	0	0	0	5	0	2004	5262	4906	29155	115	
2025156	6288	4888	3003	2404	0	0	0	0	0	1919	5616	5199	29317	120	
2025158	15211	11470	5263	4136	1011	0	0	0	0	1381	10836	13951	63260	201	
2025166	4430	2405	1137	113	0	0	0	0	1	352	2706	2637	13781	139	
2025172	9345	6556	3121	803	588	1444	2553	3235	2296	1591	6315	6453	44298	599	
2025174	5980	4908	4420	4237	3942	3556	3656	3651	3575	3895	3924	4535	50279	254	
2025178	12164	10332	7457	5411	7862	14273	28664	27030	25369	4994	9579	10698	163833	296	
2026701	8587	10041	9653	9058	9508	8407	7406	8451	8107	10404	6687	8088	104399	141	
2026758	11167	9174	3806	3335	600	0	0	0	0	3152	11353	11167	53754	120	
2026766	22157	19793	13279	8905	24	0	0	0	0	4298	10725	11891	91072	89	
2026772	5321	2983	1253	336	0	3	3	4	4	10	2397	4550	16864	90	
2026784	8954	7044	4661	3226	1917	1167	1034	1034	1377	3118	6503	7454	47489	72	
2026838	14880	10438	4919	2372	0	0	0	0	0	1490	9752	10593	54444	72	
2026870	6907	7304	1665	0	0	0	0	11	30	2056	6245	7746	31964	82	
2026874	4322	3510	2334	993	0	0	0	0	0	375	2563	2585	16682	54	
2027160	6212	4648	1612	543	0	0	0	0	0	656	4578	5446	23694	75	
2027215	4802	3998	2594	1371	0	0	0	0	0	985	3398	3682	20830	75	
2027224	0	0	0	0	0	0	0	0	2	0	2266	3106	5374	207	
2027375	0	0	0	0	17393	4179	3423	3401	3892	8851	17225	18990	77354	189	
2027381	5031	4357	2827	1952	1530	1163	1288	1232	1034	1291	3193	4241	29139	402	
2027383	7257	6458	2464	1711	6	9	6	5	6	988	5132	6087	30129	54	
2027392	10653	9911	8596	7652	6080	5341	5353	5818	5201	7668	9509	9361	91144	269	
2027401	10371	9228	7200	5715	4949	4444	2326	5431	5076	5877	9189	8468	78274	50	
2027402	12725	11339	8864	6958	6059	5463	2908	6819	6255	7211	11379	10459	96439	50	
2027406	18938	19290	16922	15116	14402	13042	13783	13993	12359	16419	25536	20523	200323	600	
2027423	5619	4673	2648	2337	161	0	0	0	0	939	4231	4194	24802	86	
2027430	5023	4376	2805	1948	1544	1157	1279	1184	1084	1302	3191	4230	29123	402	
2027454	6390	5242	2582	345	0	0	0	0	8	455	6700	3922	25644	187	
2027459	22416	20468	21189	20122	19907	19352	20420	19518	19361	22555	24145	23366	252818	703	
2027464	11515	7394	4632	2541	103	0	0	0	0	2517	8684	9640	47026	200	
2027476	7164	6692	5652	5166	2600	2591	2787	2907	3533	4177	5677	7459	56405	144	
2027477	6562	6226	5385	5583	5333	4278	3361	4454	3955	4759	4679	4227	58802	513	
2027484	6859	4796	1353	805	0	0	0	1	2	291	2915	3709	20731	232	
2027485	42071	37836	23845	20128	6300	5071	4111	4140	4967	13609	32627	35484	230189	392	
2027489	1797	1465	788	390	0	0	0	0	2	219	0	1428	6089	346	
2027494	24034	19902	12595	5335	0	0	0	0	3	1555	18364	19141	100931	100	
2027498	24577	22309	24633	18716	19351	19298	16613	19739	18753	18509	20437	19196	242129	168	
2027510	8940	9443	8535	7877	8714	7583	8376	7994	6373	6950	7056	6468	94309	235	
2027520	0	0	0	0	0	0	0	0	0	0	0	0	14149	256	
2027524	30860	23000	16757	10564	6636	5082	4615	4356	4553	11807	21574	23417	163221	500	
2027527	15659	12066	8500	6925	1743	1389	1270	1311	1461	5307	10951	11834	78417	140	
2027529	51827	44565	30845	20332	10855	8970	7196	6910	7978	16045	38063	43430	287016	648	
2027531	0	35986	11502	9490	469	0	0	0	0	5134	20607	22072	105260	222	
2027533	0	0	0	0	213	0	0	0	0	4412	11530	13333	29488	24.6	
2027536	5925	5303	1628	119	0	0	0	0	0	0	4108	4699	21782	83	
2027544	16993	17438	15258	13567	12761	11382	11822	12027	10685	14364	22840	18555	177693	600	
2027560	8589	8509	4260	2372	931	494	295	741	1210	2992	6025	6018	42436	8	
2027563	7894	7745	2628	0	0	0	0	0	0	1	5966	6361	30595	75	
2027564	4318	3851	2177	1389	442	0	0	446	671	1034	4134	4786	23248	215	
2027581	0	0	0	0	0	0	0	0	0	0	8835	9929	18764	143	
2027589	0	0	0	0	0	0	0	0	0	0	0	8691	8691	424	
2027591	5402	4708	3860	2569	2011	1747	1380	1568	1858	2152	3523	3969	34747	73	
2027600	10526	9171	5663	5021	1919	1737	1547	1566	1915	4650	9284	9588	62588	153	
2027620	12466	11172	6194	4680	337	1	4	0	3	3089	9634	8526	56107	235	
2027625	3992	3777	2232	1560	615	441	391	312	563	1502	3564	3042	21991	215	
2027635	3795	2922	2340	2269	2319	2104	2146	2138	1996	2497	2886	3222	30634	154	
2027641	11996	9749	4585	3569	76	0	0	0	0	2830	9908	12974	55687	186	
2027642	13677	10174	3674	2039	1	0	0	0	0	2449	11635	10340	53989	27.4	
2035210	0	0	0	0	0	0	0	0	0	246	1781	1974	4001	54	
2035356	0	0	0	0	0	0	0	0	0	0	1972	1856	3828	43	
2035366	0	0	0	0	0	0	0	0	0	169	1514	1914	3597	50	

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MTR_NBR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	CCF	MDQ(Dth)
2035408	0	0	0	0	0	0	0	0	0	211	1532	1833	3576	48	
2035554	3860	3469	2221	1691	858	643	539	546	624	1046	3119	3431	22047	48	
2035694	0	0	0	0	982	0	0	0	0	128	871	1019	3000	26	
2035814	5555	3211	1261	333	0	2	4	2	3	9	2417	5004	17801	90	
2035839	6946	5440	3422	2474	1600	1621	784	1519	1314	1751	4159	4739	35768	156	
2035849	0	0	0	1961	303	0	0	0	12	1461	5202	5731	14670	424	
2035886	6594	6699	5571	5100	1794	2145	3476	4631	6403	6632	6786	8563	64394	95	
2035887	8093	6003	2468	2822	378	112	1	0	1892	5445	6991	34205	98		
2035891	7081	6807	5327	6140	2735	2068	2069	2226	2188	3841	7137	6955	54576	844	
2035943	2433	1639	1561	1307	1533	1492	1795	1917	1815	2091	2768	3817	24168	72	
2035967	3377	3175	3157	3368	3836	3556	3612	3807	3626	4262	4025	4063	43864	168	
2035986	5959	6093	5190	4249	3910	3724	3850	3663	3427	3686	3959	3461	51172	126	
2036046	3267	2455	1291	363	0	0	0	0	2	721	2444	2498	13041	120	
2036145	11674	8457	3582	1357	0	0	0	0	14	688	7504	8640	41916	163	
2036147	5463	4043	2199	837	0	0	0	8	0	494	3913	4825	21782	223	
2036151	9798	7835	5115	3819	250	0	0	0	1	2370	7000	6766	42954	72	
2036167	17846	14223	9130	5474	0	0	0	1	0	3792	14123	16353	80943	26	
2036180	38698	36894	43880	37224	30507	31949	11592	2425	3471	3653	15504	39988	295786	748	
2036185	0	15130	8920	3970	10	0	0	0	0	2962	17307	20540	68839	341	
2036186	109300	94370	76730	63710	14250	0	0	0	340	49740	90280	97650	596370	2087	
2036187	32424	25220	16620	10412	1416	0	0	0	0	13340	31414	35695	166541	576	
2036188	22514	17954	13391	11009	13325	15028	17355	18096	13480	11477	18260	18642	190531	844	
2036189	13560	12151	3019	2672	0	0	0	0	0	729	9305	11473	52910	397	
2036194	67939	184002	191686	179554	260434	241022	193708	217365	224846	218376	299054	291168	2569153	2365	
2036195	0	54600	9400	6300	100	0	0	0	0	2261	13614	16527	102802	701	
2064820	0	0	0	0	0	0	0	0	0	0	3448	3144	6592	58	
2064880	0	0	0	0	0	0	0	3848	3579	2964	4690	5060	20142	90	
2064972	22624	17185	6928	5656	0	0	0	0	0	4014	18585	19996	94988	149	
2064974	22730	16000	3530	0	0	0	0	0	0	1431	13287	17441	74418	417	
2064975	15880	15130	14370	15680	17410	14180	13560	13820	12960	16380	16660	16280	182310	250	
2064976	17600	15040	9050	6460	0	0	0	0	0	9354	17380	74884	377		
2064977	6600	4660	2250	1280	230	0	0	0	0	70	3380	4950	23420	229	
2064979	29994	25575	19148	16336	20085	16202	41241	23206	18972	13149	17116	18799	259821	1400	
2064980	52439	39836	22214	15059	107	0	0	0	0	14672	36965	38856	220148	1269	
2064982	0	0	0	0	0	213500	234900	243900	268700	376800	560900	595800	2494500	4740	
2070242	4039	3433	2339	1471	552	0	118	0	0	239	1375	1677	15243	64	
2070249	4079	3402	2271	1450	491	0	119	0	0	587	2667	3444	18510	64	
2070260	3715	3131	2137	1445	513	0	103	0	0	402	2465	3353	17264	64	
2070271	3122	2687	1845	649	7	0	24	0	0	300	2060	2990	13684	64	
2070351	2124	1950	1587	1092	536	444	365	370	443	930	2108	2278	14227	89	
2070391	2418	2217	1784	1019	946	656	338	347	404	524	1632	2000	14285	89	
2090400	130100	112500	102700	92600	96300	110000	142800	118800	98000	62200	94582	95195	1255778	3300	
2094623	78242	73824	80122	71740	74587	68817	68565	70099	65953	73980	79579	68956	874464	437	
2115067	6308	5733	3950	3189	238	0	0	0	0	306	4598	3592	27914	31	
2115136	6856	4901	1637	248	1	0	0	1	0	465	4622	3061	21793	202	
2115137	0	0	0	0	0	0	0	0	0	0	0	35076	35076	453	
2115141	0	0	0	0	0	0	0	0	0	765	2867	4019	7651	83	
2115146	0	0	0	0	0	0	133	0	45	884	4249	4646	9958	925	
2115434	0	0	572	245	99	44	42	9	0	58	550	660	2279	1252	
2115543	5473	4494	2636	1466	0	0	0	0	0	1133	3697	4065	22964	302	
2115553	19555	18098	18564	17887	16863	16557	16573	15945	17235	18377	18166	18306	212125	60	
2115588	0	0	0	2382	1961	2104	1995	1937	2021	2545	7703	7966	30612	541	
2115589	0	0	0	2364	1929	1965	1631	1603	1602	2047	7096	7008	27245	541	
2115592	0	0	0	0	102	0	0	0	36	678	3314	3600	7730	416	
2115593	0	0	0	0	0	0	0	0	6975	9784	14055	11665	42479	388	
2115595	21823	17631	11462	8509	0	3919	6185	9959	9122	6501	3599	7067	105777	373	
2115597	0	0	0	0	0	0	0	0	0	9619	11644	21263	59		
2115841	0	0	0	13160	18977	27179	26437	26858	36483	40511	42749	35970	268324	1851	
2115842	0	0	0	0	0	0	0	0	0	647	3323	4376	8346	107	
2115843	13559	10282	3384	563	173	1	0	0	1	0	7978	14179	50120	368	
2115844	0	0	0	19945	49140	33698	33484	34257	45392	51015	54141	46272	367344	1851	
2115901	0	0	0	386	59	5	0	0	0	80	388	438	1356	54	
2116004	0	0	0	0	0	0	0	0	0	384	4838	5064	10286	38	
2116148	9850	9070	6020	5410	2350	1890	1640	1260	1430	2540	6180	8030	55670	523	
2116149	5530	3460	1580	720	0	0	0	0	0	145	3273	3731	18440	98	
2116154	14125	11993	13134	12238	8717	13921	7788	11924	9499	8166	10548	13608	135660	645	
2116156	15049	11914	8636	5710	2398	2236	1802	1947	1922	4146	13251	13379	82390	60	
2116157	44650	41880	35720	32710	0	0	62326	17830	19610	28240	36533	36500	355999	432	
2116158	53570	49310	22075	11360	0	730	10	0	0	11590	47080	49370	245095	424	
2116160	34800	31100	19400	13400	700	0	0	0	0	1100	27400	29600	157500	547	
2116161	189583	163528	141527	23535	0	0	0	0	410	1022	136756	176087	832448	1225	

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.