

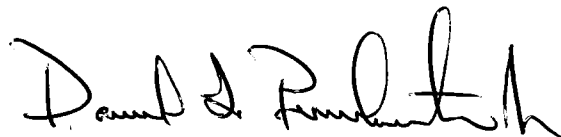
PUBLIC UTILITIES COMMISSION OF OHIO
DIVISION OF FORECASTING AND SITING

In the Matter of the Long-Term)
Forecast Report of Natural Gas)
Demand of Suburban Natural)
Gas Company)

Case No. 13-1700-GA-FOR

2013

LONG-TERM FORECAST REPORT
OF
NATURAL GAS DEMAND
OF
SUBURBAN NATURAL GAS COMPANY



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Dated: June 7, 2013

SUBURBAN NATURAL GAS COMPANY

2013

LONG-TERM FORECAST REPORT
FOR GAS DEMAND, GAS SUPPLY, AND FACILITY PROJECTIONS

OF

SUBURBAN NATURAL GAS COMPANY
2626 LEWIS CENTER ROAD
LEWIS CENTER, OH 43035-9206

TO THE

PUBLIC UTILITIES COMMISSION OF OHIO
DIVISION OF FORECASTING AND SITING

PREFACE

Suburban Natural Gas Company has prepared this Long-Term Forecast Report as required by Section 4935.04 of the Ohio Revised Code. The organization of this report is based upon the Division's Rules and Regulations contained in Chapter 4901 of the Ohio Administrative Code.

Table of Contents

Introduction

About Suburban Natural Gas
Projected Growth by County
Gas Management
Suburban Natural Gas Risk Management Plan
Leased Pipeline Contracts
Natural Gas Contracts

4901:5-7-01 Definitions

4901:5-7-03 Gas and natural gas demand forecasts for distribution companies serving more than fifteen thousand customers.

Demand Forecast Forms

- (1) FG1-1 Service Area Natural Gas Demand
- (2) FG1-3 Monthly Gas Send-Out
- (3) FG1-4 Range of Forecasts
- (4) FG1-5 Peak and Forecast Design Day Requirements
- (5) FG1-6 Self-Help and Other Transported Gas

4901:5-7-04 Gas and natural gas supply forecasts for gas distribution companies serving more than fifteen thousand customers

Supply Forecast Forms

- (1) FG2-1 Gas Supplies
- (2) FG2-2 Gas Prices
- (3) FG2-3 Peak and Design Day Supply
- (4) FG2-4 Natural Gas Storage Facilities
- (5) FG2-5 Propane Facilities
- (6) FG2-6 Other Peaking Facilities

Heating Degree Days for Central Ohio

Suburban Natural Gas

Suburban currently has over four hundred and forty-eight miles of natural gas distribution facilities located in Wood, Henry, Delaware and Marion Counties.

Our offices are located in Cygnet and Lewis Center, Ohio.

Suburban currently provides natural gas service to 15,122 residential, commercial and industrial customers in Ohio.

In Northwest Ohio, Suburban has entered into service agreements with 8 municipalities in the areas surrounding Bowling Green and Findlay, providing natural gas to over 3,696 residential customers.

In Central Ohio, Suburban services the west side of the Polaris Centers of Commerce including the JPMorgan Chase Corporate Center, The Polaris Fashion Mall and the Polaris Towne Center Strip Mall. In addition, Suburban provides residential service to over 10,522 customers in Delaware and Marion Counties.

A breakdown of our customer base by major classification is:

In Northwest Ohio:

Residential	3,696
Commercial	273
Industrial	6

In Central Ohio:

Residential	10,522
Commercial	625
Industrial	0

Based on the last five years of actual billed usage, residential customers use approximately 866 ccf per year. Commercial customers use approximately 6114 ccf per year. While industrial customers have used about 20862 ccf per year.

Over the last five years the weather has been slightly warmer than normal.

Projected Population Growth by County

The customer base of Suburban Natural Gas is primarily located in four counties. The counties are Delaware, Marion, Henry and Wood.

Projected Population: County Totals

Source: Ohio Department Services Agency

	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>	<u>2030</u>
Delaware	174,214	192,990	210,630	227,930	246,000
Henry	28,215	27,690	27,230	26,760	26,360
Marion	66,501	66,860	67,130	67,250	67,170
Wood	125,488	125,220	126,540	127,530	127,600

Delaware County has been the fastest growing county in Ohio for the past decade. This county represents the highest area of growth for Suburban Natural Gas. Since 2000, our customer base in Delaware County has grown to 10,822 customers.

The Ohio Development Service Agency projects that the population of Delaware County will increase another 25 percent by 2025. This growth will increase our Central Ohio customer base into the 20,000 plus range.

In Northwest Ohio, the population growth of Henry and Wood County combined is expected to be flat over the next ten years. It is anticipated that our customer growth would be about the same over that time period.

**DEVELOPMENT SERVICES AGENCY
POPULATION PROJECTIONS: County Total by sex**

County Name	2010 Census	2015 Projection	2020 Projection	2025 Projection	2030 Projection	2035 Projection	2040 Projection
Medina	172,332	179,200	184,670	190,430	194,510	198,220	199,890
Melgs	23,770	23,610	23,630	23,300	23,170	22,670	22,340
Mercer	40,814	40,960	41,040	41,240	41,230	41,130	40,960
Miami	102,506	102,700	102,590	103,160	103,500	103,930	103,990
Monroe	14,642	14,420	14,160	13,900	13,590	13,290	13,120
Montgomery	535,153	524,370	513,830	504,770	496,650	491,080	489,390
Morgan	15,054	14,880	14,770	14,600	14,360	14,100	13,820
Morrow	34,827	36,180	37,380	38,490	39,400	40,290	41,170
Muskingum	86,074	85,790	85,420	84,870	83,900	82,810	81,900
Noble	14,645	14,762	14,898	15,076	15,283	15,478	15,703
Ottawa	41,428	40,860	40,100	39,420	38,720	37,780	36,880
Paulding	19,614	19,270	19,050	18,570	18,220	17,950	18,100
Perry	36,058	36,850	37,610	38,710	39,690	40,770	41,710
Pickaway	55,698	56,690	58,010	59,120	60,560	61,740	63,100
Plke	28,709	28,610	29,000	29,010	29,420	29,420	29,970
Portage	161,419	161,500	161,410	160,780	158,930	155,740	151,720
Preble	42,270	42,260	42,060	41,860	41,460	40,930	40,260
Putnam	34,499	34,550	34,430	34,180	33,860	33,700	33,860
Richland	124,475	122,180	120,200	118,190	116,640	115,410	115,160
Ross	78,064	78,990	79,850	80,740	81,510	82,200	82,920
Sandusky	60,944	59,960	58,670	57,040	55,440	53,910	52,640
Scloto	79,499	78,530	77,430	76,260	75,520	76,020	77,660
Seneca	56,745	56,030	55,050	54,030	53,040	52,190	51,560
Shelby	49,423	49,450	49,290	48,780	48,240	47,570	47,160
Stark	375,586	371,650	368,210	364,650	361,130	357,820	355,500
Summit	541,781	537,220	534,160	532,080	528,990	525,600	523,190
Trumbull	210,312	205,150	200,840	197,080	193,360	189,810	187,250
Tuscarawas	92,582	92,520	92,310	92,060	91,890	92,190	92,840
Union	52,300	55,990	59,760	63,900	68,230	72,810	77,360
Van Wert	28,744	28,180	27,620	26,810	26,190	25,830	25,900
Vinton	13,435	13,570	13,620	13,860	13,920	14,120	14,160
Warren	212,693	220,430	225,770	231,230	235,640	239,040	239,060
Washington	61,778	60,410	59,000	57,620	56,220	54,930	53,720
Wayne	114,520	114,530	114,390	113,920	113,400	113,000	113,240
Williams	37,642	36,890	36,070	35,040	34,150	33,450	33,280
Wood	125,488	125,220	126,540	127,530	127,600	126,400	124,910
Wyandot	22,615	22,330	21,960	21,530	21,000	20,490	20,080

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 Date: 3/30/2013

Gas Management

Suburban Natural Gas started working with Atmos Energy Marketing in April of 2007 as our Asset manager. We collectively created a plan to manage firm requirements for our customers while maximizing the value of our assets. We work together to forecast firm demand requirements by looking at the 30 year historical weather normal to determine a heating degree day forecast and hence volumes that we expect our customer base to use. Since our customer base is highly heat sensitive (mostly residential), this is an effective way to forecast our firm demand requirements

We have worked closely with Atmos to develop a gas supply plan that takes into consideration our transportation and storage assts. Simply put, in the summer time our monthly nominations for delivery include both flowing gas to the city gates using our transportation contracts with a focus on also filling our storage account. In the winter time our monthly nominations for delivery include both flowing gas to the city gate using transportation contracts augmented by projected storage withdrawals. Based on monthly usage, and in attempt to follow our winter storage withdrawal plan, we will augment our first of the month nomination with intra-month purchases.

Suburban has released its Columbia Gas Transmission, Columbia Gulf Transmission and North Coast Pipeline capacity to our asset manager. In return, our asset manager works to maximize the value of our interstate pipeline capacity and in return for managing those assets provides us with a discount to index and an asset management payment for capacity on our transportation contracts. Our asset manager uses our pipeline capacity to serve our customer needs off either Columbia Gas or North Coast.

Suburban will comply with paragraph 7d of the Joint Stipulation and Recommendation adopted and approved by the Commission in its Opinion and Order in Case Nos. 12-216-GA-GCR and 12-316-GA-UEX.

Suburban Natural Gas Risk Management Plan

Plan Overview

- Summer
 - Baseload first of month gas in the summer months and plan for storage injections - nominate to the citygate and swing on storage.
 - Summer billable plan – 1/7 ratable injections in the summer months and carry cost until Suburban withdraws in the winter months
 - Buy incremental gas in the daily spot market if needed
- Winter
 - Baseload first of month gas in the winter months and plan for storage withdrawals – nominate to the citygate and swing on storage
 - Follow winter withdrawal plan and adjust based on usage for each prior month
 - Buy incremental gas in the daily spot market if needed

Hedging Overview

- Due to changes in the Ohio Gas Market, Suburban plans to do zero hedging for April 2013 – March 2014
- Suburban will continue to closely align hedging program with Columbia of Ohio's as they changed their hedging philosophy due to offering the Choice Program.
- Due to current market conditions, Suburban's expectation is to see depressed pricing in the marketplace going forward.
- Suburban will continue to purchase gas for storage injection at a summer supply price.
- Summer
 - Hedge between 0% - 15% as opportunity presents itself otherwise
 - Buy balance at FOM index or intramonth gas daily
- Winter
 - Inject ratably April to October into storage at summer pricing
 - Roughly 35% - 40% of winter projected usage
 - Augment storage pricing with forward hedges if the opportunity presents itself.
 - Roughly 0 - 15% of winter projected usage Max
 - Buy balance at FOM index or intramonth gas daily

LEASED PIPELINE CONTRACTS

Gulf						
Contract #	Rate	MDQ Daily	MDQ Seasonal		SCQ Annual	Expiration Date
	Schedule		Summer	Winter		
78852	FTS-1	3,183				10/31/2024
75379	FTS-1	1,837				3/31/2023
71202	FTS-1	625				10/31/2014
38410	FTS-1	4,056				10/31/2014

LEASED PIPELINE CONTRACTS

North Coast						
Date	Rate	MDQ Daily	MDQ Seasonal		SCQ Annual	Expiration Date
	Schedule		Summer	Winter		
Nov. 1, 2008		3,000				10/31/2018
Nov. 1, 2010		4,500				10/31/2018
Nov. 1, 2011		6,000				10/31/2018

LEASED PIPELINE CONTRACTS

Columbia Gas Transmission						
Contract #	Rate	MDQ Daily	MDQ Seasonal		SCQ Annual	Expiration Date
	Schedule		Summer	Winter		
79265	FTS	3,500				12/31/2024
78185	FTS	3,100				3/31/2024
75378	FTS	1,790				10/31/2023
73315	FTS	110				10/31/2014
73188	FTS	500				10/31/2014
38101	FTS	5,134				10/31/2014
81679	SST		1,900	3,800		4/1/2025
81292	SST		558	1,116		3/31/2025
80842	SST		967	1,935		3/31/2025
38031	SST		1,683	3,366		3/31/2014
81680	FSS			3,800	216,600	4/1/2025
81293	FSS			1,116	63,612	3/31/2025
80843	FSS			1,935	102,157	3/31/2025
53001	FSS			3,366	168,285	3/31/2014

NATURAL GAS CONTRACTS						
Columbia Gas of Ohio - Lazelle						
Contract #	Rate Schedule	MDQ Daily	MDQ Seasonal		SCQ Annual	Expiration Date
			Summer	Winter		Market Area
Agreement for the Purchase & Sale of Natural Gas		3,000			18,000	As long as Suburban meets its obligation to COH
						67-3

NATURAL GAS CONTRACTS						
Columbia Gas of Ohio - Big Walnut						
Date	Rate Schedule	MDQ Daily	MDQ Seasonal		SCQ Annual	Expiration Date
			Summer	Winter		Market Area
Line Extension & Revenue Guarantee Agreement for Sale of Natural Gas						
2009		2,400			163,800	10/1/2013
2010		2,400			194,400	
2011		2,400			226,800	
2012		2,400			262,200	
& Beyond		2,400				

BASED CONTRACT FOR SALE & PURCHASE OF NATURAL GAS		
Agency	Start Date	Expiration Date
Atmos Energy	04/01/12	03/31/15

2012 PEAK DAY		
		Dth
System	1/13/2012	13,708
Northern	1/13/2012	1,465
Southern	1/13/2012	11,243

4901:5-7-01 Definitions.

(A) Unless otherwise specified, all terms used in Chapter 4901:5-7 of the Administrative Code are the same as those found in the fourth edition "Glossary For The Gas Industry" published by the planning and analysis group of the "American Gas Association."

(B) "Energy-price relationships" means the calculated or observed effects on gas demand resulting from changes in the customer price of gas or other fuels. It consists of both energy conservation effects which reduce customer energy use directly and effects which cause customers to switch to or from utility-provided gas.

(C) "Forecast year," "year of the forecast," or "year zero" means the year in which the forecast is filed.

(D) "Energy conservation" means the effect upon gas demand resulting from customer adoption and use of measures, standards, equipment, or techniques designed, at least in part, to decrease gas consumption or to increase efficiency of gas use. Energy conservation may include the result of increases in price, but does not include price-induced fuel switching.

(E) "Self-help gas and other transported gas" means natural or synthetic gas owned by or acquired on behalf of an end-user or owned by another person which was developed independently or acquired from a third party, but which requires the use of one or more company or utility to transport the gas to the end-user.

(F) "Forecast period" means year zero through year ten.

(G) "Reporting period" means year minus five through year ten.

(H) "Service area" means the geographic area within Ohio in which the company renders service to wholesale and retail consumers of gas.

(I) "Fuel switching" means the substitution of one energy source for another in a particular end use or process, as a result of changing relative prices or technologies.

4901:5-7-03 Gas and natural gas demand forecasts for gas distribution companies serving more than fifteen thousand customers.

(A) General guidelines. The following guidelines shall be used in the preparation of the demand forecast:

- (1) The demand forecast must be based upon independent analysis by the reporting utility.
- (2) The demand forecast may be based on those forecasting methods which yield the most useful results to the utility.
- (3) Where the required data have not been calculated directly, relevant conversion factors shall be displayed.
- (4) All gas volumes shall be reported at 14.73 psia.

Suburban Natural Gas independently prepares its gas demand forecast using actual usage data that has been adjusted to normal weather conditions.

Estimated data includes 2013 to the year 2023. The data contains projected normal monthly and peak day requirements for all classes of customers in the customer's service area.

(B) Special subject areas.

(1) The following matters shall specifically be addressed:

- (a) A description of the extent to which the reporting utility coordinates its load forecasts with those of other systems such as affiliated systems in a holding company group, or other neighboring systems and, if the reporting utility is a combination utility, a description of the coordination of its gas load forecast with its electric load forecast.

Suburban Natural Gas does not coordinate its load requirements with any other systems.

- (b) A description of the manner in which such forecasts are coordinated, and any problems experienced in efforts to coordinate load forecasts.

See above.

- (c) A brief description of any computer modeling, demand forecasting, polls, surveys, or data-gathering activities used in preparation of the forecast.

Suburban Natural Gas uses degree day modeling and historical data to prepare load forecasts.

(2) No later than six months prior to the required date of submission of the forecast, the commission shall supply reporting utilities:

(a) Copies of appropriate commission or other state documents or public statements that include the state energy policy for consideration in preparation of the forecast.

(b) Such current energy policy changes or deliberations which, due to their immediate significance, the commission determines to be relevant for specific identification in the forecast (including but not limited to new legislation, regulations, or adjudicatory findings). It is the commission's intent that such additional factors be limited to issues of current policy which may influence the forecast, but which otherwise may not have been specifically identified by the reporting utility. The reporting utility shall, to the extent possible, provide either a discussion of the impacts of such factors on the forecast or demonstrate how it has taken these factors into account in its forecast. The reporting utility need not adopt such factors as a part of its forecast.

(3) Energy efficiency, demand reduction, and demand response programs and policies of the reporting utility, which support energy conservation and load modification, shall be described along with an estimate of their impacts on energy and peak demand and supply resources.

(4) Energy-price relationships:

(a) To the extent possible, identify changes during the forecast period in energy demand and identify and describe how such changes are accounted for in the forecast.

No changes identified.

(b) Describe the methodologies for determining such energy-price relationships, including justification for the methodologies employed.

No methodologies implemented.

(C) Forecast documentation. The purpose of the documentation section of the report is to permit a thorough review of the forecast methodology and test its validity. The components of the forecast documentation shall include:

(1) A description of the forecast methodology employed, including:

(a) Overall methodological framework chosen.

Suburban Natural Gas uses a usage model based on heating degree days, historical usage, and informed judgement.

(b) Specific analytical techniques used, their purpose, and the forecast component to which they are applied.

The usage model predicts annual usage for each class of customer. The model is used to primarily determine the load requirements for heating related purposes.

(c) The manner in which specific techniques are related in producing the forecast.

Customer usage is forecast based on non-heating and heating load.

(d) Where statistical techniques have been used.

- (i) All relevant equations.
- (ii) The results of appropriate statistical tests.
- (iii) A description of the technique.
- (iv) The reason for choosing the technique.
- (v) Identification of significant computer software used.

Suburban Natural Gas uses heating degree day information and historical usage to determine the load requirements on an annual basis and a monthly basis. The calculation is made for residential, commercial and industrial accounts.

(e) An explanation of how interruptibles, curtailables, and other non-firm requirements are forecast, how they are treated in the total forecast and an identification of demand volumes subject to interruption or curtailment and other non-firm demand.

No interruptibles forecast.

(f) An identification of customer usage factors and a description of how they are used within the forecast.

Customer usage is based on historical data and heating degree days.

(g) Where the methodology for any major customer class has changed significantly from the previous year, a discussion of the rationale for the change.

No significant change.

(2) Assumptions and special information. The reporting utility shall:

(a) For each significant assumption made in preparing the forecasts include a discussion of the basis for the assumption and the impact it has on the forecast results. Give sources of the assumption if other than the reporting utility.

No significant assumptions were made in preparing this forecast.

(b) Identify special information bearing on the forecast (e.g., the existence of a major planned industrial expansion program in the area of service).

(3) Data base documentation. The responsibilities of the reporting utility with regard to its forecast data base are as follows:

(a) The reporting utility shall provide:

(i) A brief description of all data sets used in making the forecast, both internal and external, input and output, and a citation to the sources.

Actual historical billing data used.

Preliminary Local Climatological Data (WS Form: F-6)

(ii) The reasons for the selection of the specific data base used.

Readily available.

(iii) A clear identification of any adjustments made to raw data in order to adapt them for use in the forecast, including for each adjustment, to the extent practicable:

(a) The nature of the adjustment made.

(b) The basis for the adjustment made.

(c) The magnitude of the adjustment.

No adjustments made.

(b) If a hearing is to be held on the forecast in the current forecast year, the reporting utility shall provide to the commission in electronic formats or other medium as the commission directs all data series, both input and output, raw and adjusted, and model equations used in the preparation of the forecast.

(c) The reporting utility shall be prepared to provide to the commission on request:

(i) Copies of all data sets used in making the forecasts, including both raw and adjusted data, input and output data, and complete descriptions of any mathematical, technical, statistical, or other model used in preparing the data.

(ii) A narrative explaining the data sets, and any adjustments made with the data to adapt it for use in the forecast.

(D) Demand forecast forms. The demand presentation shall include the following elements presented on the indicated forms supplied by the commission.

(1) Service area natural gas demand: actual and forecast Ohio service area natural gas demand (MMCF/year) displayed by major customer class as indicated in form FG1-1.

Completed

(2) Monthly gas sendout: a month-by-month forecast of gas sendout in the service area for the current year and the following two years, as indicated on form FG1-3 (this sendout shall conform to the most likely growth scenario).

Completed

(3) Range of forecasts: a range of forecasts provided on form FG1-4 for natural gas sales volumes by residential, commercial, and industrial sector and total sales volumes. The range of forecasts shall consist of, at a minimum, three scenarios (highest, lowest, and most likely growth). The methodology for the range forecast shall be determined by the reporting utility and may be based on confidence intervals, different assumptions, or whatever techniques the reporting utility finds appropriate.

Completed

(4) Peak and forecast design day requirements: historical peak requirements and forecast design day requirements (MMCF) as indicated on form FG1-5.

Completed

(5) Self-help and other transported gas: historical and forecast self-help gas volumes as transported and anticipated to be transported by the reporting utility as indicated on form FG1-6.

Completed

(6) Gas distribution companies serving more than one hundred thousand customers should also include service area natural gas demand by industrial sectors: actual and forecast natural gas demand in Ohio only (MMCF/year) by industrial sectors displayed for each of the standard industrial classification (SIC) codes indicated on form FG1-2.

Not Applicable

Form FG1-1 HISTORICAL AND FORECAST SERVICE AREA ANNUAL GAS DEMAND (Part 1)
Units: MMCF/YEAR

	1	2	3	4	5	6	7	8
YEAR	RESIDENTIAL SALES	COMMERCIAL SALES	INDUSTRIAL SALES	SALES TO ELECTRIC UTILITIES	SALES TO ULTIMATE CUSTOMERS	SALES FOR RESALE TO MUNICIPALS AND SMALL NATURAL GAS CO	OTHER SALES FOR RESALE	TOTAL SALES
-5 2008	1304	465	31	0	1800	0	0	1800
-4 2009	1265	515	31	0	1811	0	0	1811
-3 2010	1237	473	53	0	1763	0	0	1763
-2 2011	1306	505	90	0	1901	0	0	1901
-1 2012	1047	466	11	0	1524	0	0	1524
0 2013	1283	555	12	0	1850	0	0	1850
1 2014	1335	561	12	0	1908	0	0	1908
2 2015	1400	567	12	0	1979	0	0	1979
3 2016	1454	573	12	0	2039	0	0	2039
4 2017	1551	579	12	0	2142	0	0	2142
5 2018	1638	585	12	0	2235	0	0	2235
6 2019	1724	591	12	0	2327	0	0	2327
7 2020	1811	597	12	0	2420	0	0	2420
8 2021	1898	604	12	0	2514	0	0	2514
9 2022	1984	610	12	0	2606	0	0	2606
10 2023	2071	616	12	0	2699	0	0	2699

SUBURBAN NATURAL GAS COMPANY

Form FG1-1 HISTORICAL AND FORECAST SERVICE AREA ANNUAL GAS DEMAND (Part 2)
Units: MMCF/YEAR

	8	9	10	11	12	13	14	15	16
YEAR	TOTAL SALES	COMPANY USE	TOTAL CONSUMPTION	NET INJECTIONS TO STORAGE	LOSSES AND UFG	TOTAL DEMAND	SUM OF INTERRUPTIBLE	TOTAL INJECTIONS TO STORAGE	TOTAL INJECTIONS TO STORAGE
-5 2008	1800	1	1801	0	37	1838	0	0	0
-4 2009	1811	1	1812	0	26	1838	0	0	0
-3 2010	1763	1	1764	0	18	1782	0	0	0
-2 2011	1901	2	1903	0	0	1903	0	0	0
-1 2012	1524	2	1526	0	0	1526	0	0	0
0 2013	1850	2	1852	0	0	1852	0	0	0
1 2014	1908	2	1910	0	0	1910	0	0	0
2 2015	1979	2	1981	0	0	1981	0	0	0
3 2016	2039	2	2041	0	0	2041	0	0	0
4 2017	2142	2	2144	0	0	2144	0	0	0
5 2018	2235	2	2237	0	0	2237	0	0	0
6 2019	2327	2	2329	0	0	2329	0	0	0
7 2020	2420	2	2422	0	0	2422	0	0	0
8 2021	2514	2	2516	0	0	2516	0	0	0
9 2022	2606	2	2608	0	0	2608	0	0	0
10 2023	2699	2	2701	0	0	2701	0	0	0

SUBURBAN NATURAL GAS COMPANY

Form FG1-3 MONTHLY GAS SENDOUT

Units: MMCF/YEAR

	YEAR 0	YEAR 1	YEAR 2
JANUARY	344	355	368
FEBRUARY	286	295	306
MARCH	229	236	244
APRIL	140	144	149
MAY	59	61	63
JUNE	39	41	42
JULY	39	41	42
AUGUST	39	41	42
SEPTEMBER	41	43	44
OCTOBER	122	126	131
NOVEMBER	210	217	225
DECEMBER	301	310	322

1850

1908

1979

SUBURBAN NATURAL GAS COMPANY

Form FG1-4 RANGE OF DEMAND FORECAST
Units: MMCF/YEAR

RESIDENTIAL SALES				COMMERCIAL SALES				INDUSTRIAL SALES				TOTAL SALES			
YEAR	MOST			MOST			MOST			MOST					
	LOWEST	LIKELY	HIGHEST	LOWEST	LIKELY	HIGHEST	LOWEST	LIKELY	HIGHEST	LOWEST	LIKELY	HIGHEST			
0	2013	1155	1283	1411	500	555	611	11	12	13	1665	1850	2035		
1	2014	1202	1335	1469	505	561	617	11	12	13	1717	1908	2099		
2	2015	1260	1400	1540	510	567	624	11	12	13	1781	1979	2177		
3	2016	1309	1454	1599	516	573	630	11	12	13	1835	2039	2243		
4	2017	1396	1551	1706	521	579	637	11	12	13	1928	2142	2356		
5	2018	1474	1638	1802	527	585	644	11	12	13	2012	2235	2459		
6	2019	1552	1724	1896	532	591	650	11	12	13	2094	2327	2560		
7	2020	1630	1811	1992	537	597	657	11	12	13	2178	2420	2662		
8	2021	1708	1898	2088	544	604	664	11	12	13	2263	2514	2765		
9	2022	1786	1984	2182	549	610	671	11	12	13	2345	2606	2867		
10	2023	1864	2071	2278	554	616	678	11	12	13	2429	2699	2969		

SUBURBAN NATURAL GAS COMPANY

Form FG1-5 HISTORICAL PEAK AND FORECAST DESIGN DAY DAY REQUIREMENTS
Units: MMCF/YEAR

	1	2	3	4	5	6	7	8	9	10
YEAR	RESIDENTIAL SALE	COMMERCIAL SALES	INDUSTRIAL SALES	SALES TO ELECTRIC UTILITIES	SALES TO ULTIMATE CUSTOMERS	SALES FOR RESALE TO MUNICIPALS AND SMALL NATURAL GAS	OTHER SALES FOR RESALE	TOTAL SALES	UNACCT FOR GAS	TOTAL
-5 2008	12.7	4.5	0.3	0.0	17.5	0.0	0.0	17.5	0.0	17.5
-4 2009	14.2	5.8	0.3	0.0	20.3	0.0	0.0	20.3	0.0	20.3
-3 2010	11.7	4.5	0.2	0.0	16.4	0.0	0.0	16.4	0.0	16.4
-2 2011	11.8	4.8	0.2	0.0	16.8	0.0	0.0	16.8	0.0	16.8
-1 2012	9.5	4.1	0.1	0.0	13.7	0.0	0.0	13.7	0.0	13.7
0 2013	17.3	7.5	0.2	0.0	25.0	0.0	0.0	25.0	0.0	25.0
1 2014	17.4	7.6	0.2	0.0	25.2	0.0	0.0	25.2	0.0	25.2
2 2015	17.5	7.6	0.2	0.0	25.4	0.0	0.0	25.4	0.0	25.4
3 2016	17.7	7.7	0.2	0.0	25.7	0.0	0.0	25.7	0.0	25.7
4 2017	17.9	7.8	0.2	0.0	26.0	0.0	0.0	26.0	0.0	26.0
5 2018	18.1	7.9	0.2	0.0	26.2	0.0	0.0	26.2	0.0	26.2
6 2019	18.3	8.0	0.2	0.0	26.5	0.0	0.0	26.5	0.0	26.5
7 2020	18.4	8.0	0.2	0.0	26.7	0.0	0.0	26.7	0.0	26.7
8 2021	18.6	8.1	0.2	0.0	27.0	0.0	0.0	27.0	0.0	27.0
9 2022	18.8	8.2	0.2	0.0	27.2	0.0	0.0	27.2	0.0	27.2
10 2023	19.0	8.3	0.2	0.0	27.5	0.0	0.0	27.5	0.0	27.5

SUBURBAN NATURAL GAS COMPANY

Form FG1-6 SUPPLY AND DISPOSITION OF SELF-HELP AND OTHER TRANSPORTED VOLUMES
Units: MMCF/YEAR

	1 OHIO PRODUCED GAS TRANSPORTED SOLELY BY RESPONDENT FOR ON-LINE CUSTOMERS	2 OHIO PRODUCED GAS TRANSPORTED FROM OTHER COMPANY TO RESPONDENT FOR ON-SYSTEM CUSTOMERS	3 OTHER VOLUMES BY RESPONDENT FOR O-SYSTEM CUSTOMERS	4 TOTAL VOLUMES BY RESPONDENT FOR ON-SYSTEM CUSTOMERS	5 OHIO PRODUCED GAS TRANSPORTED OFF-SYSTEM BY RESPONDENT	6 OTHER VOLUMES BY RESPONDENT FOR OFF-SYSTEM CUSTOMERS	7 TOTAL VOLUMES BY RESPONDENT FOR OFF-SYSTEM CUSTOMERS	8 TOTAL VOLUMES TRANSPORTED
-5 2008	0	0	54	0	54	0	0	54
-4 2009	0	0	72	0	72	0	0	72
-3 2010	0	0	53	0	53	0	0	53
-2 2011	0	0	69	0	69	0	0	69
-1 2012	0	0	67	0	67	0	0	67
0 2013	0	0	90	0	90	0	0	90
1 2014	0	0	100	0	100	0	0	100
2 2015	0	0	100	0	100	0	0	100
3 2016	0	0	100	0	100	0	0	100
4 2017	0	0	100	0	100	0	0	100
5 2018	0	0	100	0	100	0	0	100
6 2019	0	0	100	0	100	0	0	100
7 2020	0	0	100	0	100	0	0	100
8 2021	0	0	100	0	100	0	0	100
9 2022	0	0	100	0	100	0	0	100
10 2023	0	0	100	0	100	0	0	100

4901:5-7-04 Gas and natural gas supply forecasts for gas distribution companies serving more than fifteen thousand customers.

(A) General guidelines. The supply estimates used in these forecasts must be based upon the reporting utility's independent analysis of alternative sources of gas as well as its current sources. When data is based on material received from current or prospective suppliers, the reporting utility must show that it has made an independent review of such data and arrived at its own analysis of the probable future availability and price of gas from the source in question.

The supply estimates used in this forecast are based upon Suburban Natural Gas Company's independent analysis of alternative sources of gas as well as current sources.

This information shown on the forms may not be consistent with other reports on file with the Public Utilities Commission of Ohio (PUCO). Any differences between data previously filed and that shown should be attributed to the timing of the forecast.

(B) Special subject area. The forecast shall contain a description of the reporting utility's policies and activities involving the procurement of Ohio gas, the impact of such procurement upon the reliability of the reporting utility's gas supply, and the compatibility of such policies and activities with a least-cost procurement plan.

Suburban Natural Gas utilizes Atmos Energy Marketing as our asset manager. Atmos has proven to be a cost effective reliable source.

(C) Gas and natural gas supply forecast discussion. A narrative shall be prepared which includes a general description of the methods and procedures used to develop the reporting utility's forecast of:

(1) Gas supply, by source.

Gas is procured from Atmos Energy

(2) Gas supply prices, by source.

See Suburban Natural Gas Risk Management Plan

(3) Natural gas storage facilities.

Per TCO Contract

(D) Projected sources of gas. A narrative shall be prepared which includes the following:

(1) A description of the projected sources of gas for the forecast period. This description shall include the following:

(a) A list of the projected sources of gas for the forecast period.

Atmos Energy

(b) A description of the role of company-owned gas in the future supply mix.

N/A

(c) A description of the anticipated use of storage facilities in the future supply mix.

Per TCO Contract

(d) The anticipated use of firm and interruptible transportation to obtain gas for system supply and the effect of state and federal policies toward the transportation of natural gas on the reporting utility's supply mix.

Gas Demand will be met through the use of firm transportation, storage and market purchases through Atmos Energy.

(2) A description of those factors which may have an impact on the reporting utility's projected natural gas supplies and its future construction of additional facilities, including but not limited to interconnections with alternate supplies.

Suburban Natural Gas does not anticipate any significant impact on the reliability of its natural gas supply.

(E) Reliability of gas sources. A narrative shall be prepared which includes the following:

(1) The reporting utility's working definition(s) of gas supply reliability.

Supply reliability is access to pipelines, storage, producers, and marketers who can provide long-term firm supply.

(2) A description of the methods used by the reporting utility to quantitatively or qualitatively measure gas supply reliability.

Historical experience.

(3) The reliability of gas sources over the past five years and the anticipated reliability of each of the reporting utility's gas sources over the forecast period.

Suburban Natural Gas has not experienced any difficulties in gas reliability over the past five years.

(F) Analysis of system peak and winter season planning. The reporting utility shall provide an analysis of its ability to meet peak requirements under design weather conditions throughout the forecast period and shall also provide a description of supply projections for meeting winter season requirements.

Suburban Natural Gas contracts from sources that are considered to be the most reliable for base load gas demand. Suburban utilizes its storage contract with TCO to meet seasonal requirements.

(G) Supply forecast forms. The supply presentation shall include the following elements presented on the indicated forms supplied by the commission.

(1) Gas supplies: actual and forecast gas supply volumes (MMCF/year) by source, as indicated in form FG2-1.

Completed

(2) Gas prices: actual and forecast gas supply prices (annual average dollars/MCF) by source, as indicated in form FG2-2.

Completed

(3) Peak and design day supply: historical and forecast peak day supplies (MMCF) by source, as indicated in form FG2-3.

Completed

(4) Natural gas storage facilities: a list of wholly or jointly owned or leased storage facilities, existing and planned over the forecast period, as indicated in form FG2-4.

Completed

(5) Propane facilities: a list of existing facilities and those planned over the forecast period, as indicated in form FG2-5.

Completed

(6) Other peaking facilities: a list of other sources of peaking gas supplies not included in paragraphs (G)(4) and (G)(5) of this rule, as indicated in form FG2-6.

Completed

SUBURBAN NATURAL GAS COMPANY

Form FG2-1 ANNUAL GAS SUPPLY
Units: MMCF/YEAR

	YEAR	1 LONG-TERM INTERSTATE SUPPLY	2 SPOT MARKET INTERSTAT E SUPPLY	3 ALL OTHER INTERSTATE SUPPLY	4 OHIO PRODUCTI ON	5 PROPANE	6 SNG	7 LNG	8 OTHER	9 TOTAL REQUIREM ENTS	10 NET WITHDRAW ALS FROM STORAGE	11 TOTALS SUPPLIES
-5	2008	0	0	1801	0	0	0	0	0	1801	0	1801
-4	2009	0	0	1812	0	0	0	0	0	1812	0	1812
-3	2010	0	0	1764	0	0	0	0	0	1764	0	1764
-2	2011	0	0	1903	0	0	0	0	0	1903	0	1903
-1	2012	0	0	1526	0	0	0	0	0	1526	0	1526
0	2013	0	0	1852	0	0	0	0	0	1852	0	1852
1	2014	0	0	1910	0	0	0	0	0	1910	0	1910
2	2015	0	0	1981	0	0	0	0	0	1981	0	1981
3	2016	0	0	2041	0	0	0	0	0	2041	0	2041
4	2017	0	0	2144	0	0	0	0	0	2144	0	2144
5	2018	0	0	2237	0	0	0	0	0	2237	0	2237
6	2019	0	0	2329	0	0	0	0	0	2329	0	2329
7	2020	0	0	2422	0	0	0	0	0	2422	0	2422
8	2021	0	0	2516	0	0	0	0	0	2516	0	2516
9	2022	0	0	2608	0	0	0	0	0	2608	0	2608
10	2023	0	0	2701	0	0	0	0	0	2701	0	2701

Form FG2-2 ANNUAL SUPPLY PRICES
Units: \$/MCF

[illegible]

SUBURBAN NATURAL GAS COMPANY

Form FG2-3 HISTORICAL PEAK DAY AND FORECAST DESIGN DAY SUPPLY
Units: MMCF/DAY

	YEAR	1 LONG- TERM INTERSTAT E SUPPLY	2 MARKET INTERSTAT E SUPPLY	3 ALL OTHER INTERSTAT E SUPPLY	4 OHIO PRODUCTI ON	5 PROPANE	6 SNG	7 LNG	8 OTHER	9 TOTAL REQUIREM ENTS	10 NET WITHDRAW ALS FROM STORAGE	11 TOTALS SUPPLIES
-5	2008	0	0	7.2	0	0	0	0	0	7.2	6.1	13.3
-4	2009	0	0	14.6	0	0	0	0	0	14.6	10.3	24.9
-3	2010	0	0	15.9	0	0	0	0	0	15.9	5.8	20.4
-2	2011	0	0	11.5	0	0	0	0	0	16.7	5.2	16.7
-1	2012	0	0	10.8	0	0	0	0	0	10.8	2.7	13.5
0	2013	0	0	17.8	0	0	0	0	0	17.8	10.2	27.0
1	2014	0	0	17.8	0	0	0	0	0	17.8	10.2	27.0
2	2015	0	0	17.8	0	0	0	0	0	17.8	10.2	28.0
3	2016	0	0	17.8	0	0	0	0	0	17.8	10.2	28.0
4	2017	0	0	18.8	0	0	0	0	0	18.8	10.2	28.0
5	2018	0	0	18.8	0	0	0	0	0	18.8	10.2	29.0
6	2019	0	0	18.8	0	0	0	0	0	18.8	10.2	29.0
7	2020	0	0	18.8	0	0	0	0	0	18.8	10.2	29.0
8	2021	0	0	18.8	0	0	0	0	0	18.8	10.2	29.0
9	2022	0	0	18.8	0	0	0	0	0	18.8	10.2	29.0
10	2023	0	0	18.8	0	0	0	0	0	18.8	10.2	29.0

SUBURBAN NATURAL GAS COMPANY

FORM FG-2-4 EXISTING AND PROPOSED STORAGE FACILITIES

Storage Gas is provided through TCO Contract

RESERVOIR NAME	LOCATION	CUSHION GAS	BASE GAS	CAPACITY WORKING GAS	TOTAL	COMPLETION DATE
Leased Storage						
Contract #		SCQ Annual Dth			Expiration Date	
81680		216,600			4/1/2025	
81293		63,612			3/31/2025	
80843		102,157			3/31/2025	
53001		168,285			3/31/2014	

SUBURBAN NATURAL GAS COMPANY

FORM FG-2-5 EXISTING AND PROPOSED PROPANE FACILITIES (GALLONS)

FACILITY NAME	LOCATION	CAPACITY	COMPLETION DATE
NONE			

SUBURBAN NATURAL GAS COMPANY

FORM FG-2-6 OTHER PEAKING FACILITIES

FACILITY NAME	LOCATION	CAPACITY	COMPLETION DATE
NONE			

Heating Degree days

Central Ohio

Month	HDD		<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>
	<u>Normal</u>	<u>%</u>					
Jan	1146	22%	964	1248	1201	1305	1025
Feb	930	18%	807	900	1065	869	982
Mar	712	14%	368	733	637	584	789
Apr	382	7%	355	300	229	369	289
May	87	2%	31	149	83	106	168
Jun	0	0%	9	1	2	9	1
Jul	0	0%	0	0	0	0	0
Aug	0	0%	0	0	0	11	0
Sep	20	0%	86	71	41	33	3
Oct	318	6%	353	321	279	404	321
Nov	643	12%	680	481	631	507	694
Dec	<u>983</u>	<u>19%</u>	<u>784</u>	<u>802</u>	<u>1172</u>	<u>1010</u>	<u>978</u>
	5221	100%	4437	5006	5340	5207	5250
	100%		85%	96%	102%	100%	101%

Source: National Weather Service
Preliminary Monthly Climate Data (CF6)
<http://www.erh.noaa.gov/iln/lcdpage.htm>

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Delaware, OH 43015

Marion County

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445 East Church Street
Marion, OH 43302

Henry County

Napoleon Public Library
310 West Clinton Street
Napoleon, OH 43545

Wood County


Wood County District Public Library
251 North Main Street
Bowling Green, OH 43402

Lucas County

Lucas County Public Library
325 North Michigan Street
Toledo, OH 43604

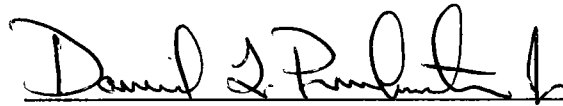
CONTENT STATEMENT

Pursuant to Ohio Administrative Code Section 4901:5-1-03(d), I hereby certify that I am responsible for the filing of this Long-Term Forecast Report and that the information contained herein is true and correct to the best of my knowledge and belief.


David L. Pemberton, Jr., President
Suburban Natural Gas Company

CERTIFICATE OF SERVICE

I hereby certify that the requirements of Ohio Administrative Code Section 4901:5-1-03 will be met, and copies of the foregoing Long-Term Forecast Report of Natural Gas Demand of Suburban Natural Gas Company have been sent to the Office of the Ohio Consumers' Counsel, 10 West Broad Street, Suite 1800, Columbus, Ohio 43215-3485, and filed with the county libraries listed on the attached list by regular U.S. mail, postage prepaid, this 7th day of June 2013.


David L. Pemberton, Jr., President
Suburban Natural Gas Company

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

6/7/2013 10:00:12 AM

in

Case No(s). 13-1700-GA-FOR

Summary: Report 2013 Long-Term Forecast Report Of Natural Gas Demand Of Suburban Natural Gas Company electronically filed by William J. Michael on behalf of Suburban Natural Gas Company