



**MINNESOTA DEPARTMENT OF COMMERCE**  
**85 – 7<sup>th</sup> Place East**  
**Suite 500**  
**St. Paul, Minnesota 55101-2145**  
**(651) 539-1500**

**NATURAL GAS UTILITY INFORMATION**

**RESPONSE DUE ON OR BEFORE JULY 1, 2016**

**PEAK-DAY FORECAST SECTION**

**7610.1000 WHO MUST FILE.**

Utilities with annual Minnesota sales of **more than 10,000,000 Mcf during the last calendar year** must file a peak-day consumption forecast. A utility required to file a forecast under this part shall identify or estimate the demand for gas on the peak sendout day during the last calendar year, the current year, and the subsequent five years for the following categories of demand:

- A. residential firm sales;
- B. commercial industrial firm sales;
- C. commercial industrial interruptible sales;
- D. other deliveries to ultimate customers;
- E. own company gas;
- F. gas unaccounted for;
- G. gas delivered to other utilities for sale; and
- H. total peak-day gas consumed in Minnesota.

**7610.1010 FORECAST DOCUMENTATION**

Subpart 1. **Forecast methodology.** A utility may use whatever forecast methodology it believes is most appropriate for its Minnesota service area. However, utilities with annual Minnesota sales of more than 10,000,000 Mcf during the last calendar year shall describe the forecast methodology employed by providing the following documentation:

- A. the overall methodological framework used;
- B. the specific analytical techniques used, their purpose, and the components of the forecast to which they have been applied;
- C. the manner in which these specific techniques are related in producing the forecast;
- D. where statistical techniques have been used, the purpose of the techniques, typical computations (e.g., computer printouts, formulas used) specifying variable and data, and the results of appropriate statistical tests;
- E. forecast confidence levels or ranges of accuracy for annual peak demand and annual gas consumption;
- F. a brief analysis of the methodology used, including its strengths and weaknesses, its suitability to the utility's service area, cost considerations, data requirements, past accuracy, and any other factors considered significant by the utility; and
- G. an explanation of any discrepancies between the forecast presented by the utility and forecasts submitted in past years.

*(Continued on last page)*

<b>CONSUMPTION BY CATEGORY -PEAK-DAY-</b>		<b>Residential Firm Sales Mcf 7610.1000A</b>	<b>Commercial Industrial Firm Sales Mcf 7610.1000B</b>	<b>Commercial Industrial Interruptible Sales Mcf 7610.1000C</b>	<b>Transportation* Mcf 7610.1000D</b>	<b>Own Company Gas Mcf 7610.1000E</b>	<b>Unaccounted for Gas Mcf 7610.1000F</b>
Past Yr. 2015	No. of customers (at year end)						
	Mcf						
Present Yr. 2016	No. of customers (at year end)						
	Mcf						
Forecast Yr. 1 2017	No. of customers (at year end)						
	Mcf						
Forecast Yr. 2 2018	No. of customers (at year end)						
	Mcf						
Forecast Yr. 3 2019	No. of customers (at year end)						
	Mcf						
Forecast Yr. 4 2020	No. of customers (at year end)						
	Mcf						
Forecast Yr. 5 2021	No. of customers (at year end)						
	Mcf						
Forecast Yr. 10 2026	No. of customers (at year end)						
	Mcf						
Forecast Yr. 15 2031	No. of customers (at year end)						
	Mcf						

\* Transportation refers to amounts of natural gas transported through a gas utility's distribution system but bought by customers from sources other than the gas utility.

**7610.1000 PEAK-DAY FORECAST (continued)**

<b>CONSUMPTION BY CATEGORY -PEAK-DAY-</b>		<b>Delivered to Others for Sale Mcf 7610.1000G</b>	<b>Total Peak-day Gas Consumed in Minnesota Mcf <small>(should equal col. 8, pg. 6 of Form EN-00037-20)</small></b>
Past Yr. 2015	No. of customers (at year end)		
	Mcf		
Present Yr. 2016	No. of customers (at year end)		
	Mcf		
Forecast Yr. 1 2017	No. of customers (at year end)		
	Mcf		
Forecast Yr. 2 2018	No. of customers (at year end)		
	Mcf		
Forecast Yr. 3 2019	No. of customers (at year end)		
	Mcf		
Forecast Yr. 4 2020	No. of customers (at year end)		
	Mcf		
Forecast Yr. 5 2021	No. of customers (at year end)		
	Mcf		
Forecast Yr. 10 2026	No. of customers (at year end)		
	Mcf		
Forecast Yr. 15 2031	No. of customers (at year end)		
	Mcf		

Subp. 2. **Data base for forecasts.** The utility shall provide a written discussion of the data base used in arriving at the forecast presented in parts 7610.0900 to 7610.1010 including:

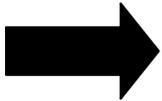
- A. a complete list of all data sets used in making the forecast, including a brief description of each data set and an explanation of how it was obtained (e.g., monthly observations, billing data, consumer survey, etc.) or a citation to the source (e.g., population projection from the state demographer); and
- B. a clear explanation of any adjustments made to raw data to adapt them for use in forecasts, including the nature of the adjustments, the reasons for the adjustments, and the magnitude of the adjustments.

Subp. 3. **Discussion of assumptions.** The utility shall discuss in writing each essential assumption made in preparing the forecasts, including the need for the assumption, the nature of the assumption, and the sensitivity of forecast results to variations in the essential assumption.

Subp. 4. **Subject of assumption.** The utility shall discuss the assumptions made regarding the availability of alternative sources of energy, any expected conversion from other fuels to gas or vice versa, future prices of gas for customers in the utility's Minnesota service area and the effect that such price changes will likely have on demand, the assumptions made in arriving at any data requested in parts 7610.0900 to 7610.1010 that are not available historically or under federal or state legislation or long-term gas demand, the projected effect of new conservation programs that the utility deems likely to occur through future state and federal legislation on long-term gas demand, and any other factor considered by the utility in preparing the forecast.

**Please return forms to: MINNESOTA DEPARTMENT OF COMMERCE  
85 –7<sup>th</sup> Place East  
Suite 500  
St. Paul, Minnesota 55101-2198  
Attention: Steve Loomis**

**If you have any questions feel free to call (651) 539-1690 or email [steve.loomis@state.mn.us](mailto:steve.loomis@state.mn.us)**



**Deadline for submission: July 1, 2016**