

Appendix C-2

City of Glencoe Demand Side Management (“DSM”) Data

Minn. Rules 7849.0290 requires that an application for a Certificate of Need include information regarding the applicant’s conservation and load management programs (collectively, “Demand Side Management” or “DSM”). This information is presented below for the City of Glencoe or Glencoe Light and Power Commission.

Minn. R. 7849.0290 requires that an application must include:

A. The name of the committee, department, or individual responsible for the applicant's energy conservation and efficiency programs, including load management;

David Meyer, Dale Rach & Pam Martin, employees of Glencoe Light and Power Commission.

B. A list of the applicant's energy conservation and efficiency goals and objectives;

Our goal is to work with our customers in an attempt to reduce energy consumption within our system by 1.5%. The conservation measures used will track our progress and verify the energy reduction levels we achieve.

C. A description of the specific energy conservation and efficiency programs the applicant has considered, a list of those that have been implemented, and the reasons why the other programs have not been implemented;

The Glencoe Light and Power Commission tried to consider any measure that would decrease electric consumption.

The programs that we have implemented include: New Construction Lighting, Retrofit Lighting, HVAC, Food Service, Specialty Measures and Custom Applications.

These programs were implemented due to the cost effectiveness they provided. The Glencoe Light and Power Commission chose not to adopt some of the programs at this time due to their lower cost benefit value as compared to the programs that have currently been implemented.

D. A description of the major accomplishments that have been made by the applicant with respect to energy conservation and efficiency;

In the first half of 2010, 67 of Glencoe’s customers have received \$9,869.60 in rebates which will save a total of 267,266 kWh of electricity annually. We also have 2 customers that we have

been working with looking at very large projects. These projects are still pending, but will potentially see a reduction of 750,000 kWh.

E. A description of the applicant's future plans through the forecast years with respect to energy conservation and efficiency;

We plan to continue using conservation measures in an attempt to reduce energy consumption by 1.5% annually. We will accomplish this task by using our existing programs and by continually looking for new savings opportunities to offer our customers.

F. A quantification of the manner by which these programs affect or help determine the forecast provided in response to part 7849.0270, subpart 2, a list of their total costs by program, and a discussion of their expected effects in reducing the need for new generation and transmission facilities.

The presumption that Glencoe Light and Power Commission would be attempting to meet a 1.5% reduction in energy starting 2010 and would realistically attain that goal by 2015 was factored into the forecast.

The costs of each individual program will vary by customer participation. The overall budget used to facilitate these programs is \$204,000 in 2010 and will increase annually as needed.

The reduction efforts will potentially delay the need for new base load generation; however the increase in renewable energy requirements has created a need to shore up our transmission facilities as this project does.