

**NORTH AMERICAN WATER OFFICE &
INSTITUTE FOR LOCAL SELF RELIANCE**

UTILITY INFORMATION REQUEST

Docket Number: ET-2, E-002/CN-06-1115

Date of Request: 3/21/2008

Requested From: CAPX Utilities

Response Due: 4/11/2008

Analyst Requesting Information: Michaud

REQUEST NUMBER: 13

If you feel that your responses are trade secret or privileged, please indicate this in your responses.

The Transmission Study provided in Appendix A-3 of the Application for the Red River Valley Area examined a Bemidji-Boswell 230 kV line as a mitigating strategy for the region. Regarding this alternative please provide the following information.

- A. Figure 4-13 of the Application indicates that for the Southern Red River Valley Area a critical load level point is reached at 1360 MW. If just the Bemidji-Boswell line is constructed what is the new critical load level for the Southern Red River Valley Area?
- B. Regarding the Alexandria area problems as discussed in the Application Section 4.1.5, short term fixes are identified including installation of a 25 MVAR capacitor bank at the Alexandria switching station, breakers at the Nokomis Substation allowing operation of a 115 kV loop around Alexandria, and a potential second 25 MVAR capacitor bank which could “support the system for another few years if needed.” (p.4.30) If only the Bemidji-Boswell 230 kV line is constructed in addition to these other short term improvements just described, what would be the new critical MW load level for the Alexandria Area.
- C. Figure 4.16 of the Application contains a forecast of future load levels for the Alexandria area substations. Describe the source and basis of the forecast used to develop these numbers. Given that forecasts used in the work to perform the TIPS Update Study in Appendix A-3 was done prior to February 2006, please provide updates and revisions to Figure 4.16 forecasts of substation MW loads that would result from best available current forecast projections considering recent state level demand side legislation and most recent IRP data.
- D. Please provide your most current construction cost projection and timeline for the Bemidji-Boswell 230 kV line.

E. Please provide a CD copy of Appendices A through P for the Study provided in the Application Section A-3.

Response by: _____

List Sources of Information:

Title: _____

Department: _____

Telephone: _____
