



GREAT RIVER
ENERGY®

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15 February 2008

Dr. Burl W. Haar
Executive Secretary
Minnesota Public Utilities Commission
121 7th Place East, Suite 350
St. Paul, MN 55101

RE: Compliance Filing, Badoura 115 kV Project
Docket ET2, E015/TL-07-76

Dear Dr. Haar:

Great River Energy respectfully submits this compliance filing regarding its current Route Permit on the Long Lake-Badoura corridor. Great River Energy requests a slight change that would involve modifying the proposed structures along the north-south portion of 169th Avenue (just east of the Long Lake Substation – Figure 1) for an estimated distance less than ½ mile (nine poles) to accommodate a second 115 kV circuit for a future need (Figure 2). Figure 3 shows the permitted structure for this corridor, the modified structure with proposed intermediate conductors, and the modified structure with all future conductors (an additional three) added. The line will be located on the west side of the road and will overtake the alignment of an existing distribution line.

Background

In the Long Range Plan that Great River Energy is presently working on, it has been identified that the load north of Park Rapids is growing so rapidly that continued service at 34.5 kV will be inadequate. Specifically, the existing Mantrap Distribution Substation and the proposed Potato Lake Distribution Substation are located in a lake-dense area where cabins are being converted to year round homes with electrical heating and cooling systems. If the Long Lake source were lost, the load could not be supported from its alternative source in Akeley.

Great River Energy is projecting that the line that serves Itasca-Mantrap Cooperative Electrical Association's (Itasca-Mantrap) large Mantrap Substation load will be need to be converted to 115 kV within five years if present rapid load growth continues. This would include converting the proposed Itasca-Mantrap Potato Lake Substation to 115 kV, which is proposed to tap the future Mantrap 115 kV line.

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Great River Energy also sees an eventual need to provide a strong source to the western load of Pine Point and Osage in the Itasca-Mantrap territory. Eventually a 115 kV loop will be constructed to support these loads using the Mantrap corridor as a north loop out of Long Lake Substation. This new line will eventually head west along a Potato Lake corridor to the western loads of Pine Point and Osage.

Great River Energy is proposing this minor change in an effort to be proactive in light of the projected conversion to 115 kV in the area. We feel it makes more sense to build this short segment of line with the capability for 115 kV double circuit now, rather than rebuild it in a few years. Although the new proposed structures will be about five feet taller than those proposed in the Route Permit Application, we believe this will not be a significant aesthetic factor. There are approximately four homes located on the west side of the road.

Please feel free to give me a call at 763-241-2272 if you have any questions regarding this compliance filing.

Respectfully Submitted,

GREAT RIVER ENERGY



Carole L. Schmidt
Supervisor, Transmission Permitting and Compliance

c: Bill Storm, Department of Commerce
Gary Ostrom, Great River Energy
Dave Kempf, Great River Energy

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Figure 1



FIGURE 2

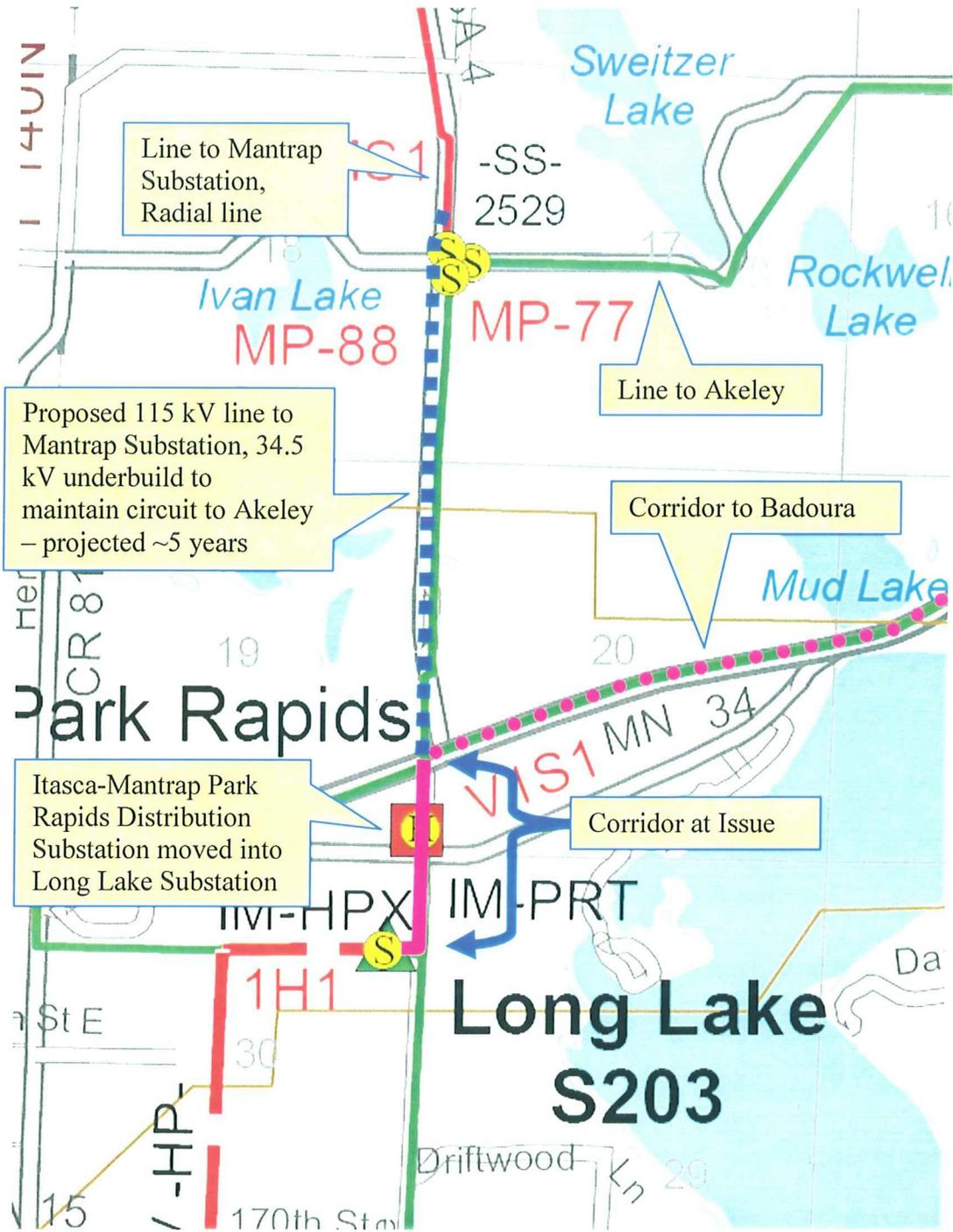
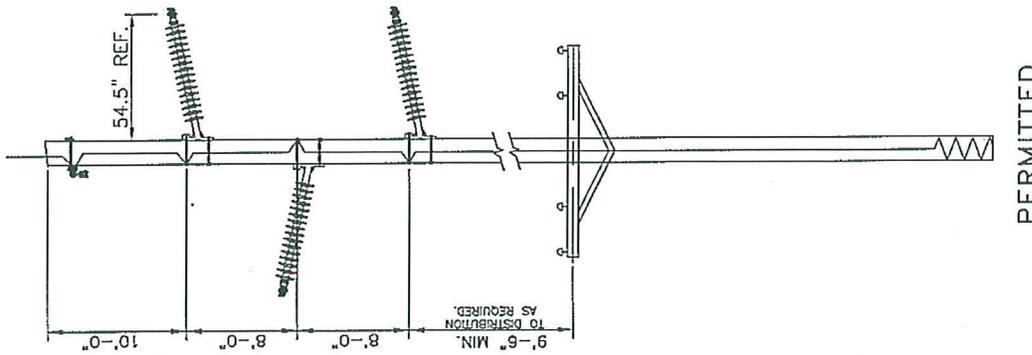
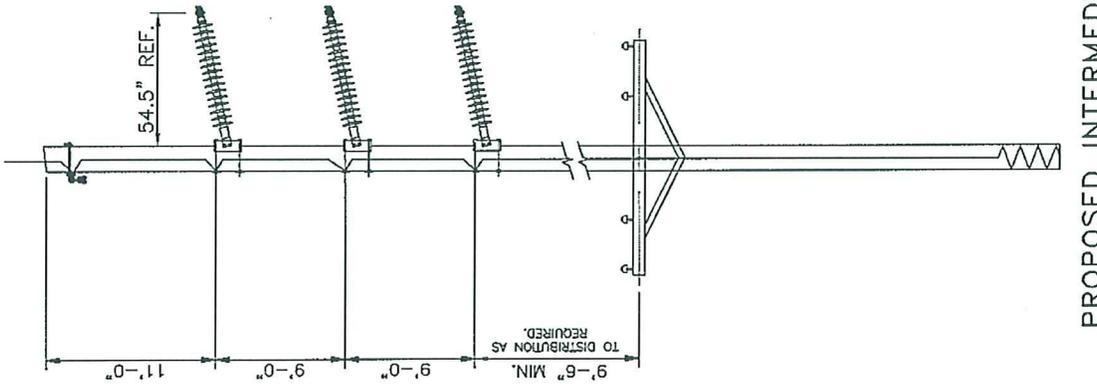
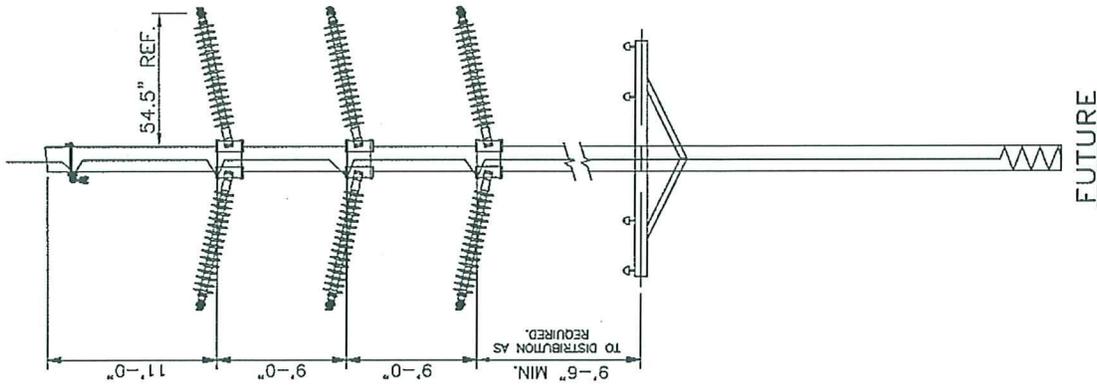


FIGURE 3



GREAT RIVER ENERGY*		DRAWING NUMBER	
LONG LAKE TO BADOURA		1	
DWG BY: CJN	DATE: 02-08	SCALE: NONE	
CHK BY: JE			