



GREAT RIVER  
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June 1, 2005

WO #40391

Mr. Robert Schroeder, Chair  
MN Environmental Quality Board  
658 Cedar St., RM 300  
St. Paul, MN 55155

SUBJECT: Yankee Doodle 115 kV Substation and Transmission Project

Dear Mr. Schroeder:

In accordance with the Power Plant Siting Act, this letter serves as the required notice to the Minnesota Environmental Quality Board (EQB) Chair. Great River Energy (GRE) and Dakota Electric Association (DEA) have elected to seek local approval to energize a Xcel Energy existing 115 kV transmission line and rebuild a substation to 115 kV. GRE (wholesale power supplier to DEA) will assist DEA and the City of Eagan with the permitting process. A Conditional Use Permit application was delivered to the City of Eagan on May 26, 2005. The City of Eagan has been informed that they have 60 days to refer the permitting process to the EQB.

The proposed project will be completely within the City of Eagan, Dakota County. The rebuilt facilities will meet the growing electrical demand and improve the service and reliability of electric facilities in the area. A fact sheet that provides more detail on the project is enclosed.

Questions regarding this project should be directed to Sheila Cartney, Planner for the City of Eagan at 651-675-5696. I may be reached at 763-241-2229. Thank you for your attention to this matter.

Sincerely,  
GREAT RIVER ENERGY

*Dale Aukee /jsh*

Dale Aukee  
Field Representative

Enclosure

CC: EQB General List of Interested Persons – w/encl.  
Craig Knudsen, DEA – w/encl.  
Craig Turner, DEA – w/encl.

DA:jh\subs\lakeconstance\eqblocalreviewltr.doc

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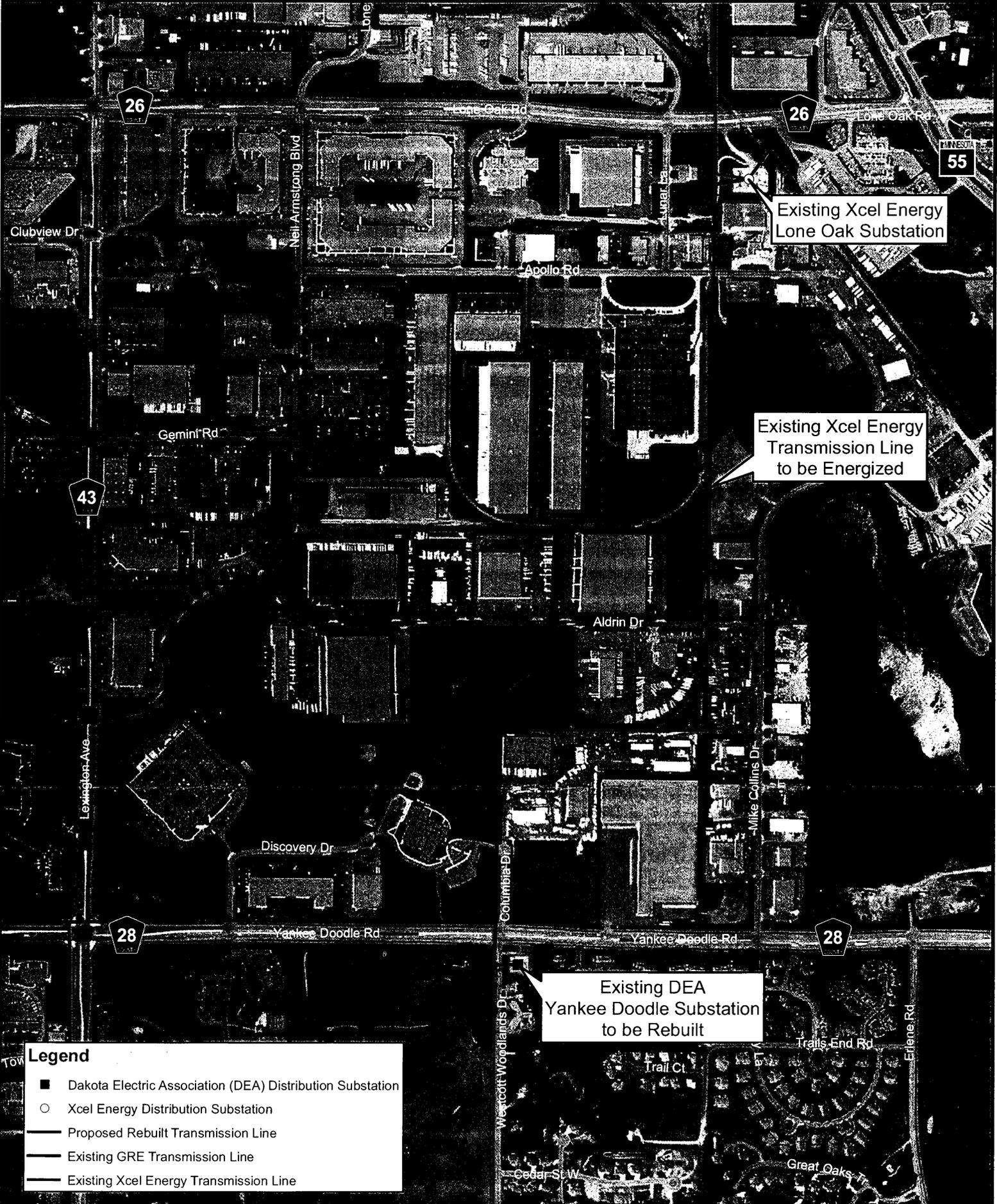
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# PROJECT MAP



# Yankee Doodle 115 kV Transmission and Substation



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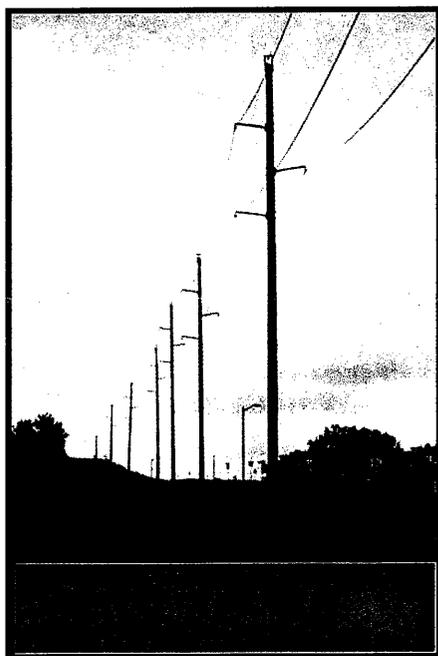
**DAKOTA ELECTRIC ASSOCIATION**  
4300 220 Street West  
Farmington, MN 55024  
651-463-6212  
[www.dakotaelectric.com](http://www.dakotaelectric.com)

## Project Goal and Need

**Great River Energy (GRE)** and **Dakota Electric Association (DEA)** propose to energize one mile of transmission line at 115 kV (115,000 volts) and to rebuild an existing 69 kV distribution substation to accommodate the voltage in Eagan, Minnesota. The electrical demand in the Eagan area has grown beyond the capability of the existing 69 kV sources. This project will provide a needed 115 kV transmission source and allow DEA to maintain adequate voltage and improve reliability to area customers.

## The Substations

DEA will rebuild the existing Yankee Doodle Substation located on the southeast corner of Yankee Doodle Road and Wescott Woodlands Drive. The rebuilt substation will include a new 115 kV transformer that will transform the 115 kV transmission voltage to lower distribution levels. The existing land is sufficient to rebuild the substation. The distribution lines will exit the substation underground and interconnect with existing distribution facilities. The entire substation will be fenced. Xcel Energy's Lone Oak Substation will require some minor modifications.



## The Transmission Line (See Map on Back)

The transmission line that will be utilized for this project, which runs from the Lone Oak Substation to the Yankee Doodle Substation, is designed for and capable of operating at 115 kV. There are four wires, three electrical and one for lightning protection. New poles will be designed to support the 115 kV system around the substations.

## Easements

Easements are mainly for operation, construction, maintenance, tree clearing and access, and will be acquired from landowners where necessary.

## Permitting and Schedule

GRE and DEA will request the necessary permits from the City of Eagan and assist in the preparation of the required environmental assessment. The proposed project will operate at the nominal voltage of 115 kV, and is regulated under the Power Plant Siting Act. A provision of this law allows the utility to seek local approval. Because this is a local load serving project, GRE and DEA have elected to seek local approval.

## Contacts

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