Plymouth-area power grid upgrades

Conserving energy
Conserving electricity helps to control the amount of energy needed on the electric grid. For the past year we’ve been reaching out to customers in the proposed project area to provide information on the energy saving programs offered by Xcel Energy. As a result, nearly 1,800 residents and 220 businesses participated in these programs, saving over 10 million kilowatt hours of energy.

Public Open Houses
When: May 25
Time: 12 to 2 p.m. & 4 to 7 p.m.
Where: Medina Ballroom
500 Highway 55
Medina, MN 55340

Contact us
Phone: 612-330-6644
Email: Plymouth@xcelenergy.com
Website (view detailed project information/maps): www.xcelenergy.com/Plymouth

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Open houses scheduled
Xcel Energy has been studying ways to address electric reliability issues in the Plymouth area, and has three new alternatives to address the power grid deficiencies (view maps on the back). In 2011, Xcel Energy proposed the Hollydale project, an upgrade of an existing 69 kilovolt (kV) line to a larger 115kV line in the Plymouth area to address electric reliability problems. Xcel Energy withdrew that proposal in order to identify a smaller scale solution to correct the electric reliability issues in the area and to provide sufficient capacity to meet long-term needs.

The city of Plymouth population has quadrupled over the last 40 years. Since 1990, the population has grown from 50,000 to over 75,000 residents. The growth has driven electricity demand in the area. A strong local power grid is necessary to ensure that we are able to provide reliable electric service to your community.

Two public open houses are scheduled for May 25 from 12 to 2 p.m. and 4 to 7 p.m. at the Medina Ballroom located at 500 Highway 55 in Medina. The open houses are an opportunity to learn more about the project, view maps, provide comments and ask questions. No formal presentation is scheduled. The open houses will be on a come and go basis. Detailed project information and maps can also be found on the project website at www.xcelenergy.com/Plymouth. You can also contact us with comments and questions at 612-330-6644 and Plymouth@xcelenergy.com.

Your feedback will help us to determine the best alternative.

Energy demand
Electricity demand in the Plymouth-area already exceeds the capacity of the distribution system during peak usage times. As peak use grows so does the time the system is overloaded. Outages have the potential to grow in size and frequency.

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Plymouth-area power grid upgrade alternatives

34.5 kV from Pomerleau Lake Substation (Alternative A)

Construct Pomerleau Lake Substation south of Schmidt Lake Road, just west of I-494, build 4.3 miles of 34.5 kV distribution line to the existing Hollydale Substation on County Road 101 south of Highway 55, construct a 3.5 mile 34.5 kV distribution line along Fernbrook Lane and Highway 55 and install approximately 12 pad mounted transformers.

34.5 kV from Parkers Lake Substation (Alternative B)

Expand the existing Parkers Lake substation near I-494 and County Road 6, construct 5 miles of 34.5 kV distribution line from Parker’s Lake Substation to the existing Hollydale Substation on County Road 101 south of Highway 55, build a 4.7 mile 34.5 kV distribution line along Fernbrook Lane and Rockford Road and install approximately 12 pad mounted transformers.

Re-energize existing 69 kV line (Alternative C)

Construct Pomerleau Lake Substation south of Schmidt Lake Road, just west of I-494 and re-energize the existing 3.4 mile 69 kV line between the new Pomerleau Lake Substation and the existing Hollydale Substation. This route also requires constructing 0.7 miles of new 69 kV line and doing vegetation management along the existing 69 kV line, building two new 1.5 mile and one 0.3 mile 13.8 kV distribution lines from the Hollydale Substation and upgrading the Hollydale Substation on land owned by Xcel Energy. No pad-mounted transformers are required under this option.

*The existing 69 kV transmission line west of the Hollydale Substation will remain unchanged on all three of these alternatives.