

Tyrone Transmission Upgrade



GREAT RIVER
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A Touchstone Energy® Cooperative

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Project Need:

Minnesota Valley Electric Co-op (MVEC) proposes to build a new electrical distribution substation (Tyrone Substation) south of the intersection of 320th Street and Myrick Street, on the west side of 320th Street. To provide electric service to the new Tyrone Substation, Great River Energy, power supplier to MVEC and 27 other Minnesota cooperatives, proposes to construct an approximately four mile long 69,000 volt (69 kV) electric transmission line between the new MVEC Tyrone Substation and Xcel Energy's existing 69 kV 5402 line, located near the intersection of 265th Avenue and 320th Street (see Project Map on back). The new substation and transmission line are needed to serve the existing and growing electrical demand in the area.

Project Description

Great River Energy plans to build a 69 kV electric transmission line, the centerline of which will generally run parallel to 320th Street and 265th Avenue. However, existing structures and other construction considerations may, in some areas, move the centerline away from these roads. The new transmission line will require a right-of-way 35 feet wide on either side of the centerline. Easements will be needed within the existing road rights-of-way and partially on private property adjacent to the roadways. Property owners will be contacted by a GRE representative to discuss access and the acquisition of easements for the new transmission line. This new transmission line will be a single circuit configuration with MVEC distribution line underbuild on some segments of the line (see example photo at right). The poles will be primarily wood and will range in height from 70 - 85 feet above ground.



*Typical 69 kV Transmission
Line
With Distribution Underbuild*

Trees

Removal of trees and vegetation will be necessary for safety and maintenance purposes along the transmission line right-of-way. A representative from Great River Energy will contact property owners along the transmission corridor before any tree work takes place.

Project Schedule:

Project contact and/or notifications -----Fall/Winter 2014
Project Permitting -----Winter 2014/2015
Transmission Line Build -----Winter/Spring 2015/2016
Energization -----June 2016

For project updates and information, visit greatriverenergy.com/tyrone or contact:

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Proposed Project

