



Great River Energy
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KA-SL 69-kV transmission line rebuild

Great River Energy owns the 24-mile “KA-SL” 69-kV transmission line in Kandiyohi and Meeker counties. The line was built in the early 1950s and due to its age and condition needs to be replaced. The outdated switch structures on both ends will also be replaced.

Great River Energy’s rebuild will follow the existing transmission centerline. Generally, the existing line follows roadways with a few cross-country portions. Minor alignment changes may be discussed with individual landowners.

Overview

The map on the back shows the existing transmission line to be rebuilt. The rebuild begins south of Willmar at the intersection of U.S. Highway 71 and 105th Ave SW. From this point, the rebuild project will run east along 105th Ave SW for 14 miles to the Kandiyohi-Meeker county line and then turn south for two miles along the county line (210th St SE). Then the project will go east for eight miles following 170th St/CASH 22 ending at 590th Ave.

The transmission line will be rebuilt using similar single wood poles, 70 to 80 feet above ground, placed 350 to 400 feet apart. Some specialty poles and longer or shorter spans may be required. Directional changes or angles will require guy wires and anchors to stabilize poles. The switch structures located at each end of the project will be replaced with new switches installed on steel poles.



Typical 69-kV Circuit

Permits and easements

Kandiyohi and Meeker counties do not require conditional use permits for this rebuild project. Great River Energy will work with both counties, state and federal agencies to secure road crossing permits and any other required environmental or construction permits.

Great River Energy has existing easement rights to rebuild, operate and maintain the transmission line. The easement area will continue to be maintained to be clear of trees and vegetation to allow for the safe operation of the line. Some areas may require additional easement rights or clarification of rights. All landowners along the transmission line rebuild will be provided project notifications, and we welcome any questions about the project.

Schedule

Notifications/Survey	Summer 2021
Easements/ Environmental permits	Winter/Spring 2022
Engineering Design	2022
Transmission line construction	Fall 2022

Quick facts

- Length – **24 miles**
- Voltage – **69 kV**
- Structures – **Wood poles**
- Spans – **350 to 400 feet apart**
- Right of way – **70-foot-wide right of way; 35-feet on each side of the centerline.**

