

# 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 The outdated switch structures on both ends will also be replaced.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 105<sup>th</sup> Ave SW. From this point, the rebuild project will run east along 105<sup>th</sup> Ave SW for 14 miles to the Kandiyohi-Meeker county line and then turn south for two miles along the county line (210<sup>th</sup> St SE). Then the project will go east for eight miles following 170<sup>th</sup> St/CASH 22 ending at 590<sup>th</sup> 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	<b>Summer 2021</b>
Easements/ Environmental permits	<b>Winter/Spring 2022</b>
Engineering Design	<b>2022</b>
Transmission line construction	<b>Fall 2022</b>

## Quick facts

Length – **24 miles**

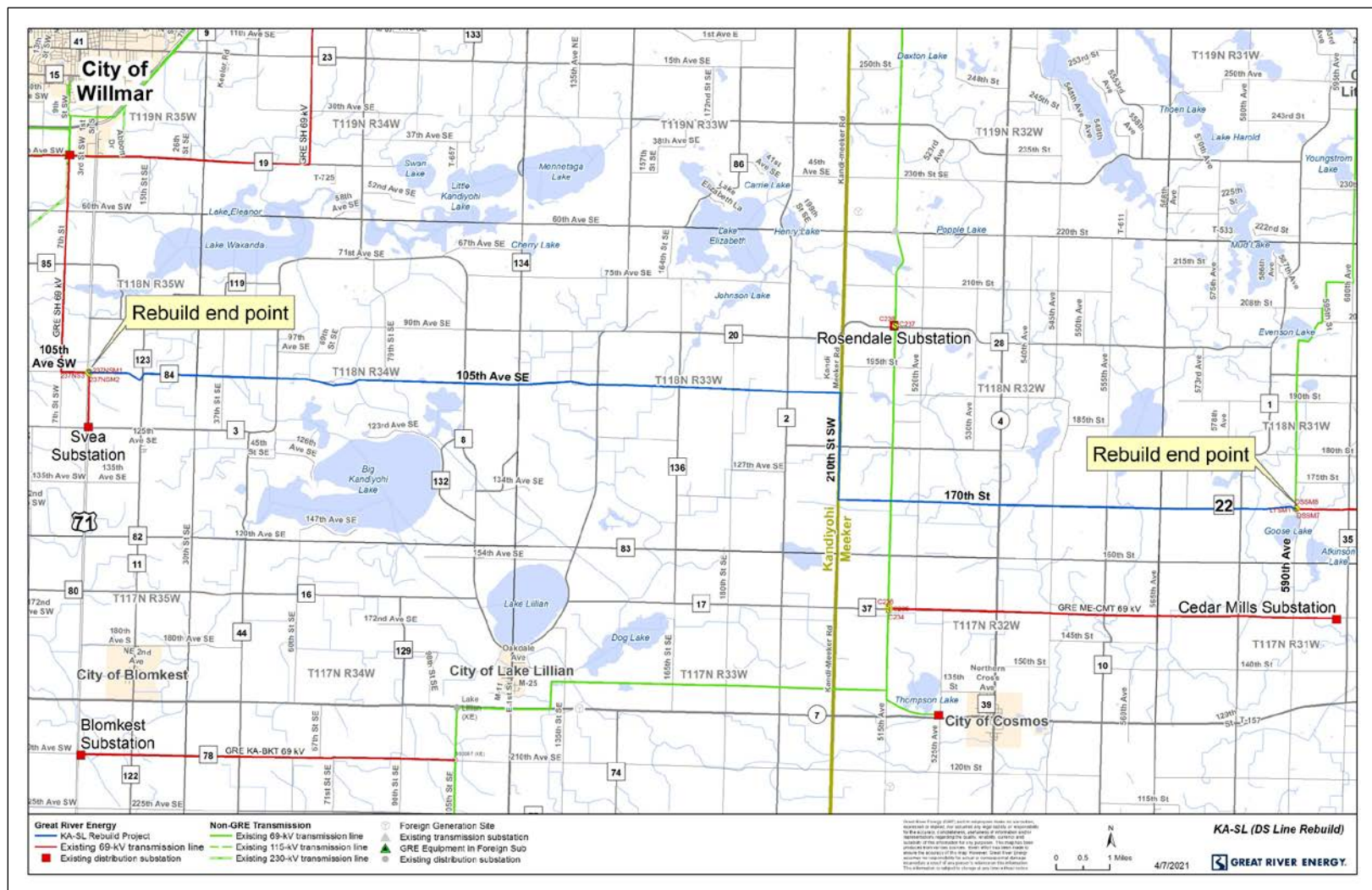
Voltage – **69 kV**

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.**

## Proposed project



## Great River Energy representatives

For project updates and information, visit [greatriverenergy.com/kasrebuild](http://greatriverenergy.com/kasrebuild) or contact:

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Land Rights  
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## About Great River Energy

Great River Energy is a not-for-profit wholesale electric power cooperative which provides electricity to 28 member-owner distribution cooperatives. Together, our systems provide power to approximately two-thirds of Minnesota geographically and parts of Wisconsin, serving 700,000 families, farms and businesses. 5/19/2021