



GREAT RIVER ENERGY

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Otsego to Maple Lake 69-kV transmission line rebuild

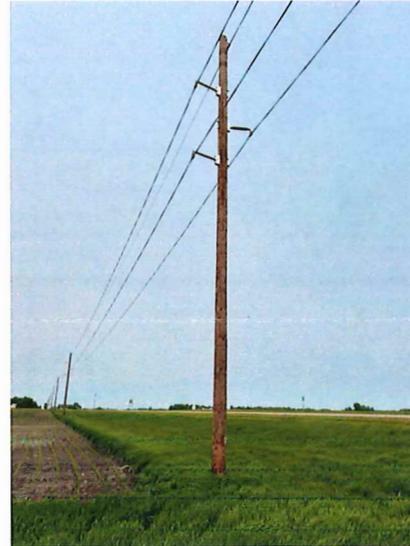
Great River Energy, wholesale electric supplier to Wright-Hennepin Cooperative Electric Association, is planning to rebuild 26 miles of existing 69-kilovolt (kV) transmission lines located in Wright County (see map on back). This rebuild is necessary to improve the reliability of the area transmission system, and reduce risks associated with low voltage and system overloading.

Overview

The existing transmission line to be rebuilt extends from a pole located in Otsego, in the southwest quadrant of Highway 101/90th Street NE, to Wright-Hennepin’s Maple Lake Substation located in the City of Maple Lake. Generally, the line will be rebuilt on the same centerline, although pole locations will shift based on modern design standards. The project will be constructed in 3 phases, as labeled on the map.

The transmission line generally requires a 70-foot wide easement, 35 feet on each side of the transmission centerline. Wood poles will primarily be used. Steel and/or laminate poles may be used in some locations based on engineering needs. In some areas, it will be necessary to remove vegetation within the easement area for construction access and the safe operation and maintenance of the line. Landowners will be contacted to discuss significant vegetation removals prior to construction starting.

The project will also include construction of a new transmission line that will supply power to Wright-Hennepin’s new “Macgiver” Substation to be located in Section 18, Township 121, Range 23.



Typical 69-kV single circuit structure

Permits and easements

Great River Energy has existing easement rights for the existing transmission line. Some landowners may be contacted about temporary construction needs outside of the permanent easement. Permits from road authorities, environmental agencies and other utilities will begin once the preliminary design is complete.

Public involvement

After initial project notice, future notifications will be made prior to construction and as each phase of the project is worked on. Landowners will again be contacted regarding restoration and any outstanding items once the project is complete.

Schedule

Notifications	Fall 2025
Survey/design	Summer 2025 – Spring 2027
Easements/permits	Winter 2025 – Spring 2028
Phase 1 construction	Fall 2026 – Spring 2027
Phase 1 energization	Spring 2027
Phase 2 construction	Fall 2027 – Spring 2028
Phase 2 energization	Spring 2028
Phase 3 construction	Summer 2028 – Spring 2029
Phase 3 energization	Spring 2029

Quick facts

- Length** – Approximately 25 miles
- Voltage** – 69-kV
- Poles** – Primarily wood; steel and/or laminate where needed for engineering design
- Spans** – 350 to 450 feet apart
- Right of way** – 70-foot-wide (35 feet each side of transmission centerline)