



GREAT RIVER ENERGY

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Heartland Lakes 115-kV transmission line project

Great River Energy, wholesale electric supplier to Itasca-Mantrap Electric Cooperative (Itasca-Mantrap), proposes to build 4.25 miles of new 115-kilovolt (kV) transmission line in Hubbard County that will power the new “Heartland Lakes” distribution substation to be built by Itasca-Mantrap.

Overview

The new Heartland Lakes Substation will be built in Section 4 of Straight River Township (see map on back). The line and substation will improve reliability and system voltage of the distribution and transmission system in the area.

The transmission line will primarily consist of wood poles 60 to 90 feet above ground, placed 350 to 450 feet apart. Some steel and/or laminate poles may be used based on engineering needs. The transmission line generally requires a 100-foot-wide easement, 50 feet on each side of the transmission centerline. To provide a safe construction, operation and maintenance area, it will be necessary to remove vegetation within the easement area.

Route permit and public involvement

A public open house will be held in fall 2025 to share project information with landowners, local government officials and other stakeholders.

Great River Energy will apply for a route permit from the Minnesota Public Utilities Commission (PUC). During the route permitting process, all stakeholders will have opportunities to provide input at public meetings facilitated by the PUC and its Energy Infrastructure Permitting group.



Typical 115-kV single circuit structure

Permits and easements

Once the project has been approved by the PUC, landowners will be contacted to begin the easement acquisition process. Landowners will be presented with a copy of the route permit, easement and offer of compensation. The proposed design and information on tree removal, construction access, settlement of damages and restoration practices will also be shared. Required permits from road authorities, environmental agencies and other utilities will begin once the preliminary design is complete.

Schedule

Notifications	Fall 2025
State permitting	Winter 2025 – Spring 2027
Survey/design	Spring – Fall 2027
Easements/permits	Winter 2027 – Summer 2028
Construction	Summer 2028 – Spring 2029
Energization	Spring 2029

Quick facts

- Length** – 4.25 miles
- Voltage** – 115-kV
- Poles** – Primarily wood; steel and/or laminate where needed for engineering design
- Spans** – 350 to 450 feet apart
- Right of way** – 100-foot-wide

