

Cedar Lake reroute transmission project

Great River Energy is proposing to construct a new 115-kilovolt (kV) transmission line in Scott and Rice Counties ("Cedar Lake Reroute" or "Project"). The Project is being done to make room for a second 345-kV circuit to be attached to the existing CapX2020 Brookings to Hampton transmission structures, which run along County Road 2 in the Project area. The Project, along with the second 345-kV circuit, will ensure we maintain reliable and resilient service to electric customers in the future by addressing reliability concerns and increasing deliverability of renewable resources from southern Minnesota to the southwest metropolitan area. A route permit must be issued by the Minnesota Public Utilities Commission (PUC) before construction can begin.

Overview

The Project will include construction of a new approximately 6.3-mile 115-kV transmission line. The transmission line will connect at Great River Energy's existing MV-EVX 115-kV transmission line near the intersection of County Road 23 and Minnesota Highway 19 and extend to the existing Cedar Lake Substation south of County Road 2 (see map on back). The Project will be built to Great River Energy's 115-kV design but will initially operate at 69 kV. Designing to 115-kV standards will simplify operating the regional transmission system at 115 kV as electrification and load development increases in the area. The route permit application will include analyses with the transmission line operating at 115 kV. Once the transmission line is constructed and connected to the substation, Great River Energy's existing 4.5-mile MV-CDT 115-kV transmission circuit, which is co-located in part on the CapX2020 345-kV transmission structures along County Road 2, will be removed.

After Great River Energy submits the route permit application to the Minnesota PUC, a representative from Great River Energy will contact property owners to discuss access to the proposed route and the process for acquisition of easements. Following construction of the transmission line, Great River Energy will promptly repair any damages that may occur.



Typical 115-kV wood single circuit structure with and without distribution under build.

Permitting and public involvement

Great River Energy will submit a route permit application for the proposed project to the PUC. During the route permit process, the public and regulatory agencies will have numerous opportunities to provide input on the Project, including public meetings facilitated by the PUC and Department of Commerce Energy Environmental Review and Analysis (DOC EERA). The DOC EERA will prepare an environmental assessment for the Project. Construction cannot begin until an approved route permit is issued by the PUC.

About Great River Energy and Minnesota Valley Electric Cooperative

Great River Energy is a not-for-profit wholesale electric power cooperative which provides electricity to approximately 1.7 million people through its 27 member-owner cooperatives and customers. Through our member-owners, we serve two-thirds of Minnesota geographically and parts of Wisconsin, including Minnesota Valley Electric Cooperative.

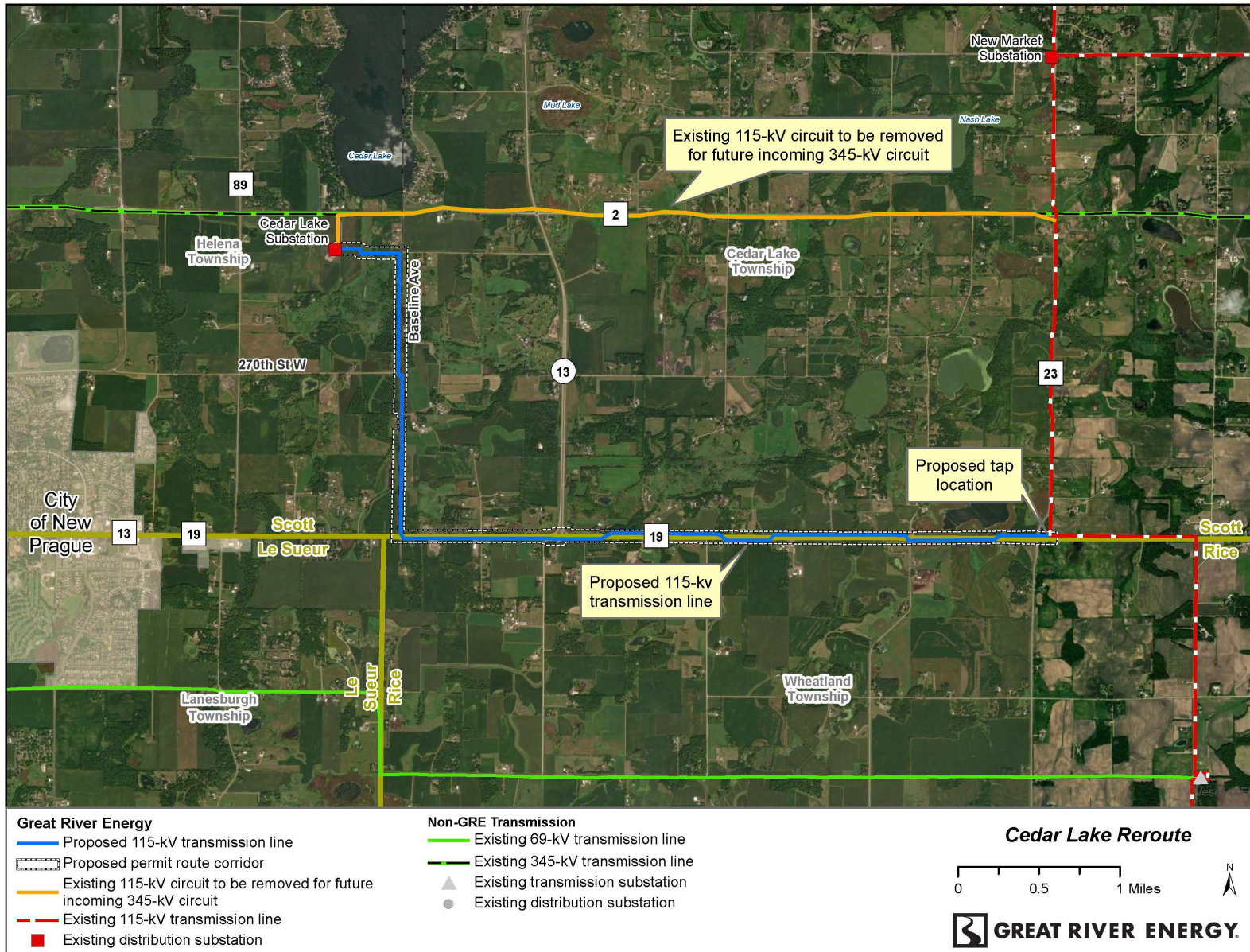
Schedule

Notifications	Winter/Spring 2023
State permitting	Spring 2023 – Spring 2024
Survey/design	Fall 2023 – Spring 2024
Easements/ Environmental permits	Winter 2024 – Spring 2025
Transmission line construction	Fall 2024 – Summer 2025
Energization	Summer 2025

Quick facts

Length	– 6.3 miles
Voltage	– 115 kV (initially operated at 69 kV)
Structures	– 60 to 90-foot wood or steel poles
Spans	– 300 to 400 feet apart
Right of way	– 100-foot-wide right of way, 50 feet on each side of the centerline
Permits	– MN Public Utilities Commission route permit

Proposed project



Great River Energy representatives

For project updates and information, visit www.greatriverenergy.com/CedarLakeTap or contact any of the following:

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