

PowerOn Midwest™

Great River Energy · ITC · Otter Tail Power Company · Xcel Energy

PowerOn Midwest is a series of new electric transmission projects anchored by a 765 kV backbone transmission line being developed by Great River Energy, ITC Midwest, Otter Tail Power Company and Xcel Energy. The projects will connect eastern South Dakota, southern Minnesota and the broader region, enhancing grid reliability in the Upper Midwest to meet growing and changing energy needs in the coming decades.

# PowerOn Midwest—tomorrow's reliability starts today.

## Benefits

### RELIABLE ELECTRICITY

Delivers on our commitment to customers and electric cooperative members that electricity is delivered where and when it's needed—regardless of the weather, electric generation source, or demand.

### FUTURE-READY GRID

Addresses rising electricity demand, which is projected to grow significantly over the next two decades.

### CUSTOMER AND ECONOMIC BENEFITS

Enables more cost-effective generation while improving reliability, opening doors for future economic growth across the region.

### ACCESS TO NEW GENERATION

Supports a range of energy sources added to the grid, providing a balanced and reliable power supply for the future.

## Preliminary schedule

If approved, the projects would start construction beginning as early as 2030 and expected to be in-service between 2032-2034. Developing and building major new transmission lines is a multi-year process that begins with significant planning which identifies an initial study area, general project areas, includes comprehensive outreach to local landowners and officials to identify potential route options, and a thorough regulatory review by state officials who review projects like these. Before construction could begin, the Minnesota Public Utilities Commission (MPUC) must issue two key approvals, a Certificate of Need and Route Permits.

**2025**
Project planning, initial stakeholder and public engagement

**2026-2027**
File PowerOn Midwest Certificate of Need application with the MPUC, Certificate of Need MPUC review process, route development, file Route Permit applications with MPUC

**2027-2029**
Route Permit MPUC review processes, engineering design, environmental surveys and permitting, easement acquisition

**2030-2034**
Ongoing easement acquisition, pre-construction activities, construction, restoration

**2032-2034**
Anticipated in-service (individual segment in-service dates will vary)

PowerOn Midwest

# Study area

**Segment owners**

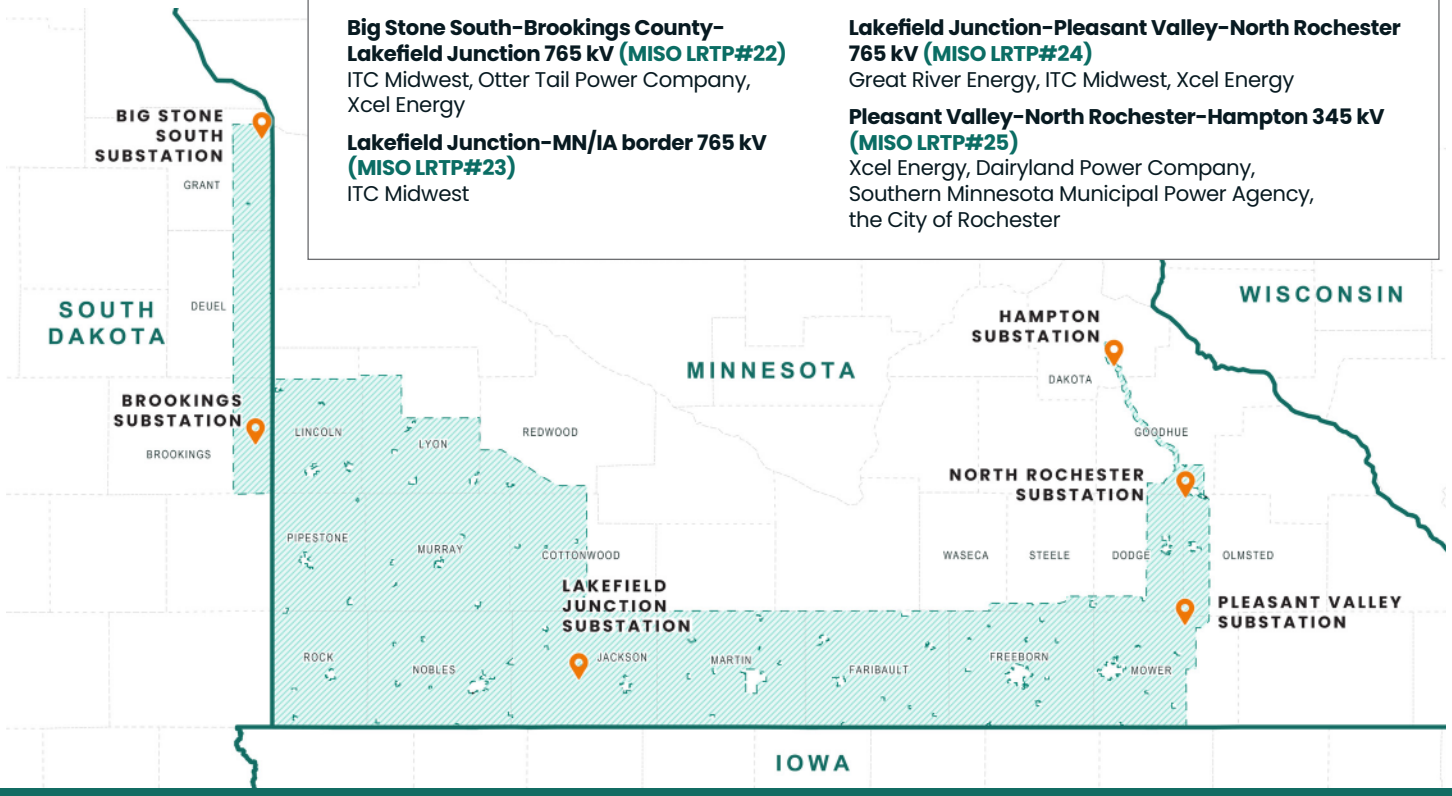
PowerOn Midwest includes the following segments:

**Big Stone South-Brookings County-Lakefield Junction 765 kV (MISO LRTP#22)**
ITC Midwest, Otter Tail Power Company, Xcel Energy

**Lakefield Junction-MN/IA border 765 kV (MISO LRTP#23)**
ITC Midwest

**Lakefield Junction-Pleasant Valley-North Rochester 765 kV (MISO LRTP#24)**
Great River Energy, ITC Midwest, Xcel Energy

**Pleasant Valley-North Rochester-Hampton 345 kV (MISO LRTP#25)**
Xcel Energy, Dairyland Power Company, Southern Minnesota Municipal Power Agency, the City of Rochester




## Minnesota regulatory process

The Certificate of Need process evaluates whether the project is necessary and the appropriate size, type, and timing of the proposed infrastructure. In separate Route Permit proceedings, the MPUC determines the location and design of the transmission line.

## How to participate

- Attend public open houses, review maps and other information, and provide comments to project teams
- Submit comments on potential route options to project teams via website, email, or telephone
- Visit the project website to view the latest project information
- Connect with a project team member

**CONTACT US**

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