



WELCOME

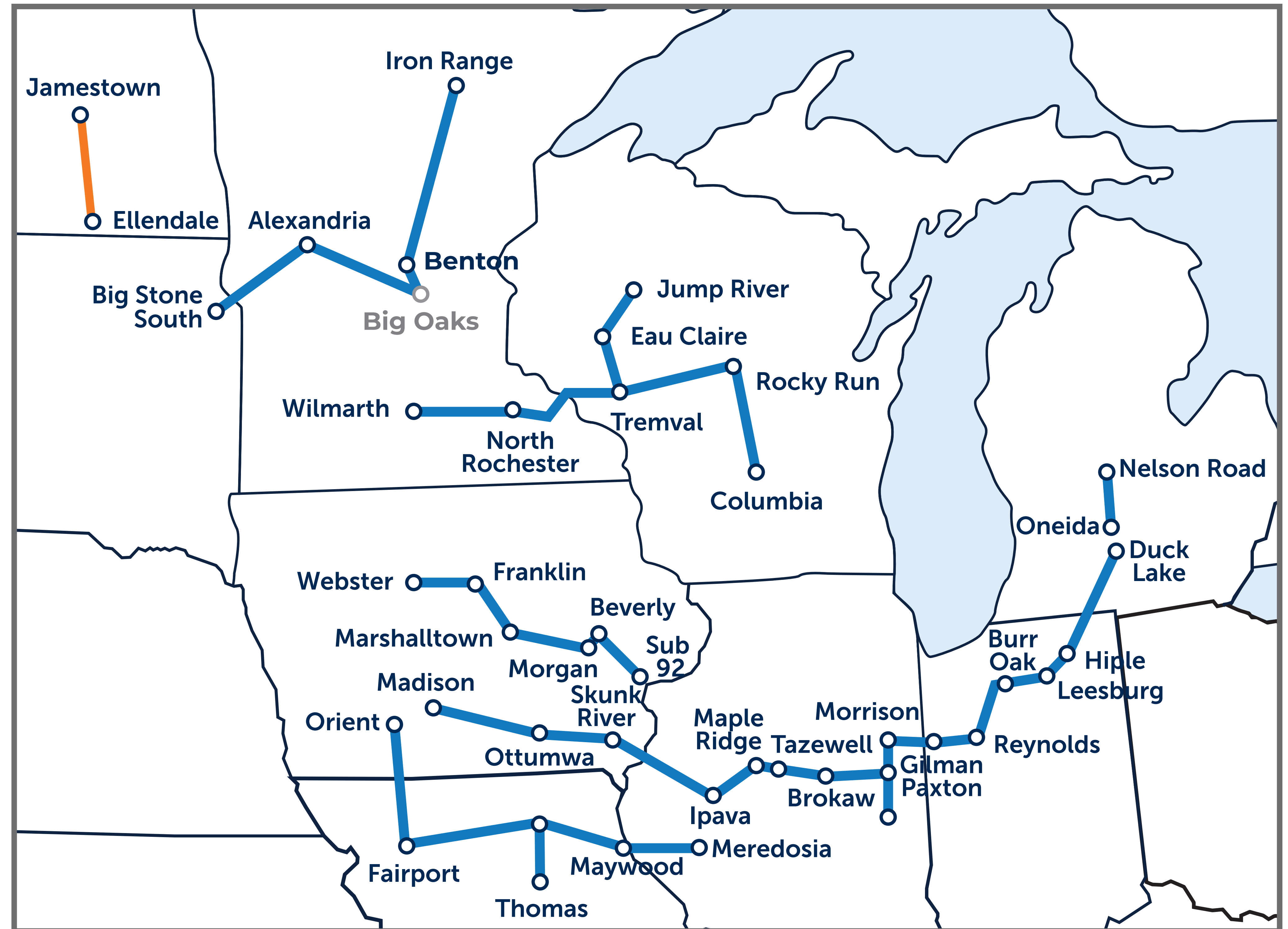
PUBLIC OPEN HOUSE

SECOND ROUND



Both Otter Tail Power Company and Montana-Dakota Utilities belong to the Midcontinent Independent System Operator organization, also referred to as MISO.

MISO is a non-profit, member-based regional transmission organization that provides reliable, cost-effective electric systems and operations; dependable and transparent prices; open access to markets; and planning for long-term efficiency.



MISO has approved 18 new transmission projects throughout the Midwest that are needed by 2030 to ensure a **reliable** and **resilient** transmission system in the future.

WHAT IS THE DIFFERENCE BETWEEN TRANSMISSION AND DISTRIBUTION LINES?

TRANSMISSION

Transmission lines are for transporting large amounts of electricity long distances.

DISTRIBUTION

Distribution lines are for transporting smaller amounts of electricity shorter distances.

Voltage

35-765-kilovolt (kV)

4-35-kilovolt (kV)

Average Pole Height

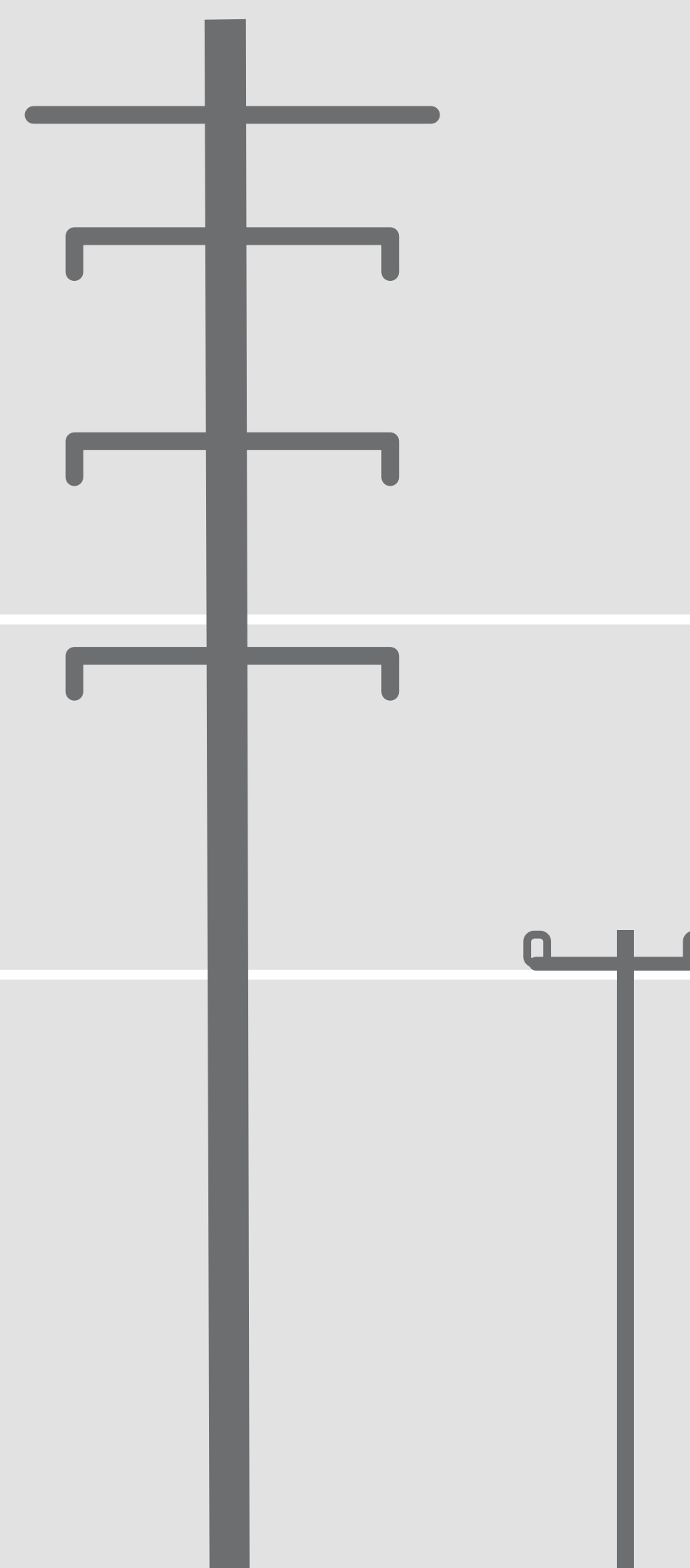
50-200 feet

25-50 feet

Purpose

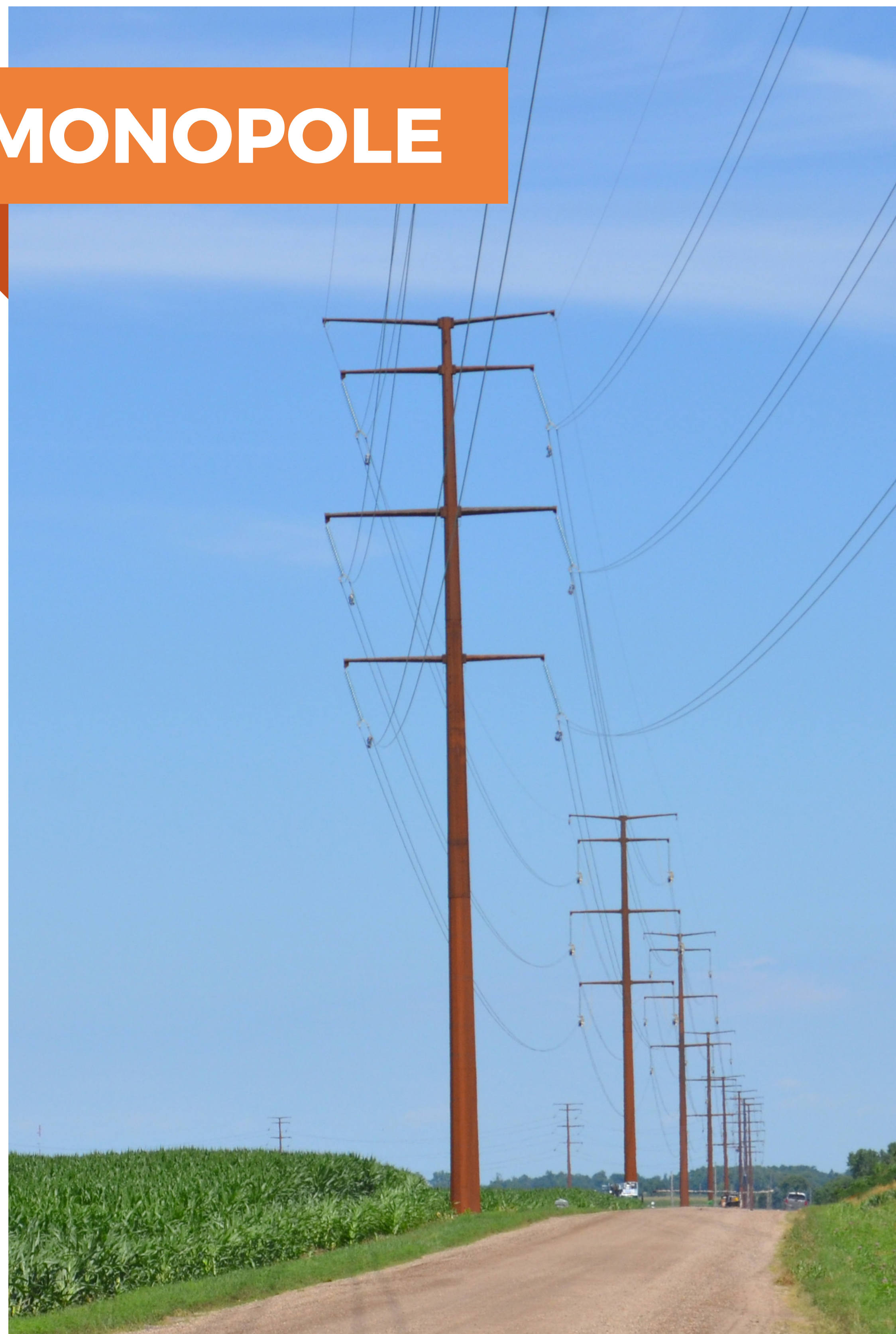
Strengthen interconnections between electrical companies to promote the efficient transportation of electricity across a large geographic region.

Providing energy locally to communities, businesses, and residents.



Typical values

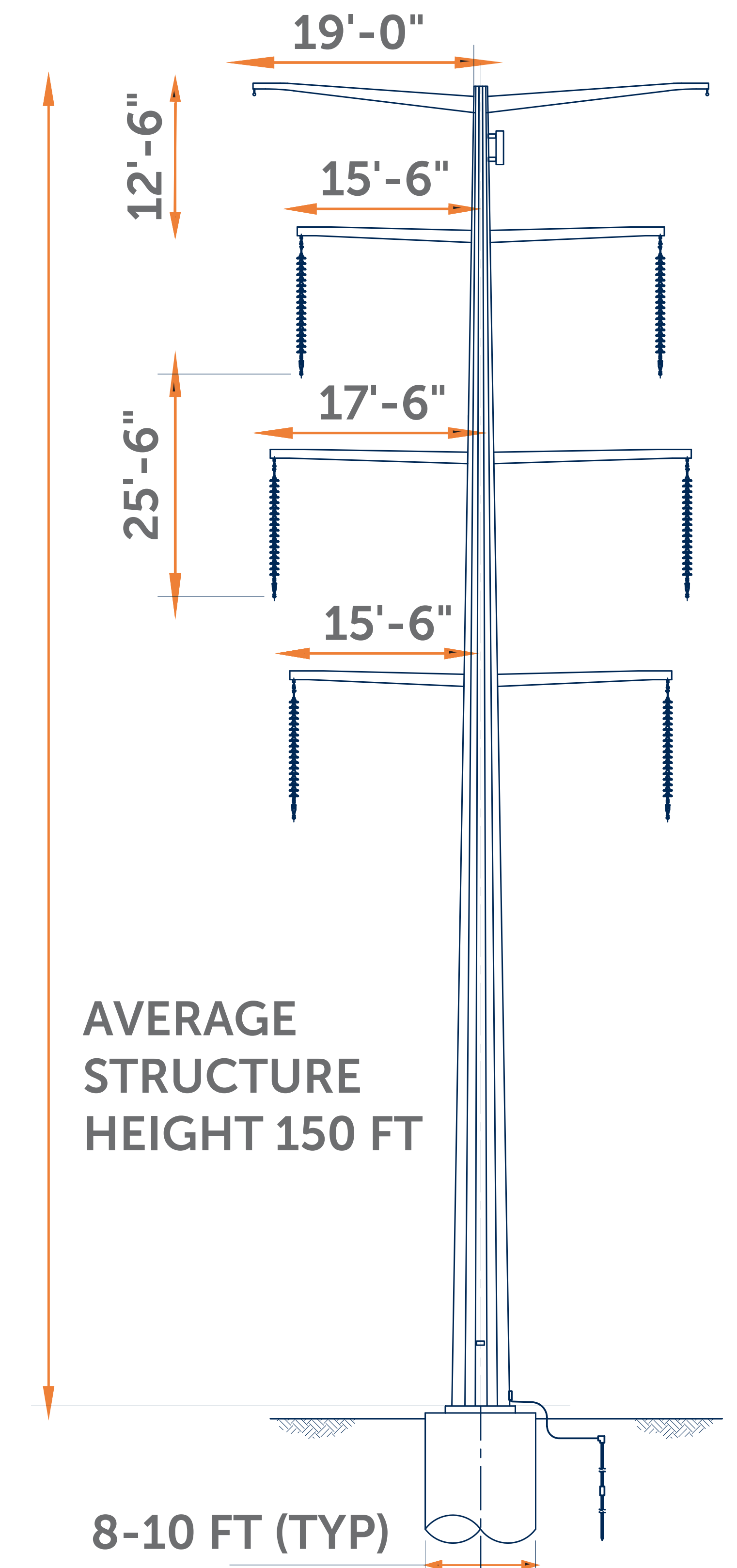
MONOPOLE



The typical structure will be 150 feet tall.

The structure type may vary across the project but primarily will be comprised of single pole, self-weathering steel with double circuit capability, meaning it can support a second set of conductors.

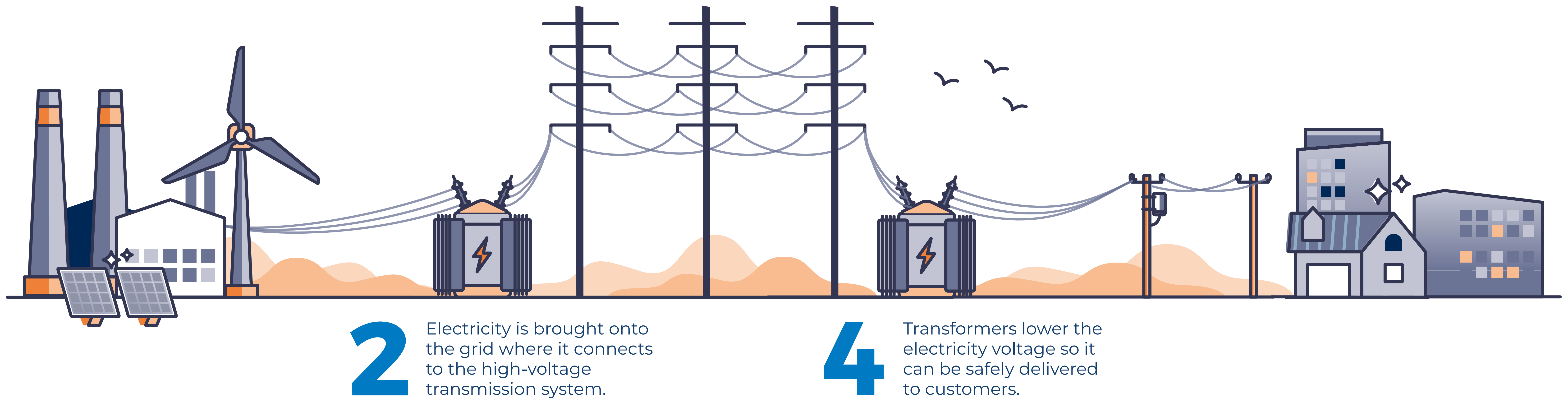
There will be three phases of conductors and two overhead shield wires—one will be an optical ground wire (OPGW) and the other stranded steel (overhead ground wire).



1 Electricity can be generated in many ways, including coal-fired plants, wind power, combustion turbines, solar power, and hydroelectric plants.

3 Transmission lines carry high-voltage electricity long distances from where it is produced to where it'll be used.

5 Distribution lines carry the lower voltage electricity to neighborhoods and communities.



2 Electricity is brought onto the grid where it connects to the high-voltage transmission system.

4 Transformers lower the electricity voltage so it can be safely delivered to customers.

Generation

Transmission

Distribution

Otter Tail Power Company and **Montana-Dakota Utilities** are partnering to develop, construct, and co-own a new 345-kilovolt (kV) transmission line between Otter Tail Power's existing Jamestown Substation and Montana-Dakota Utilities' existing Ellendale Substation.

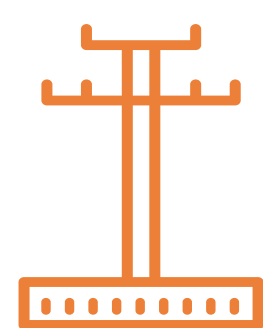
The project will benefit the region by helping to:



Ensure electric reliability



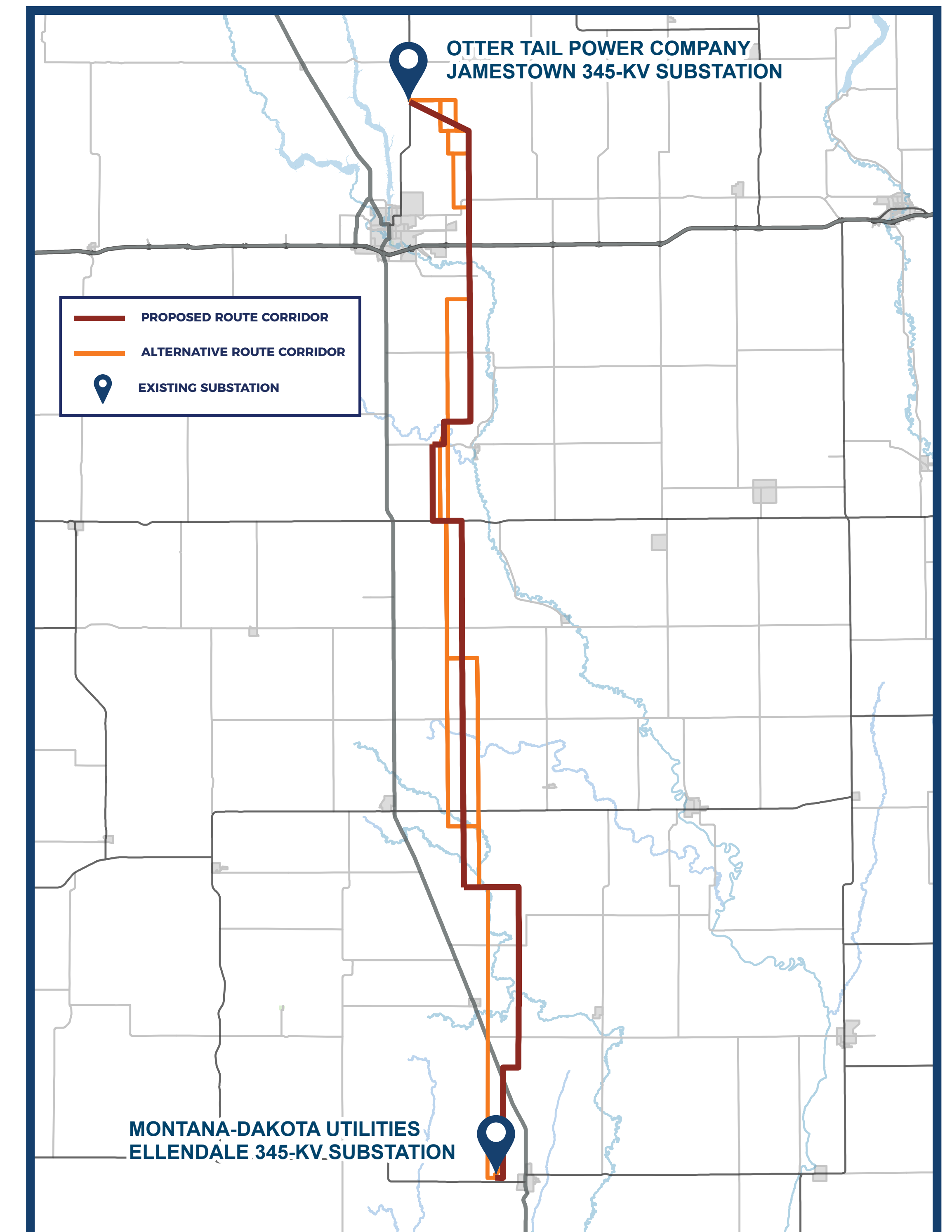
Increase resiliency to extreme weather conditions



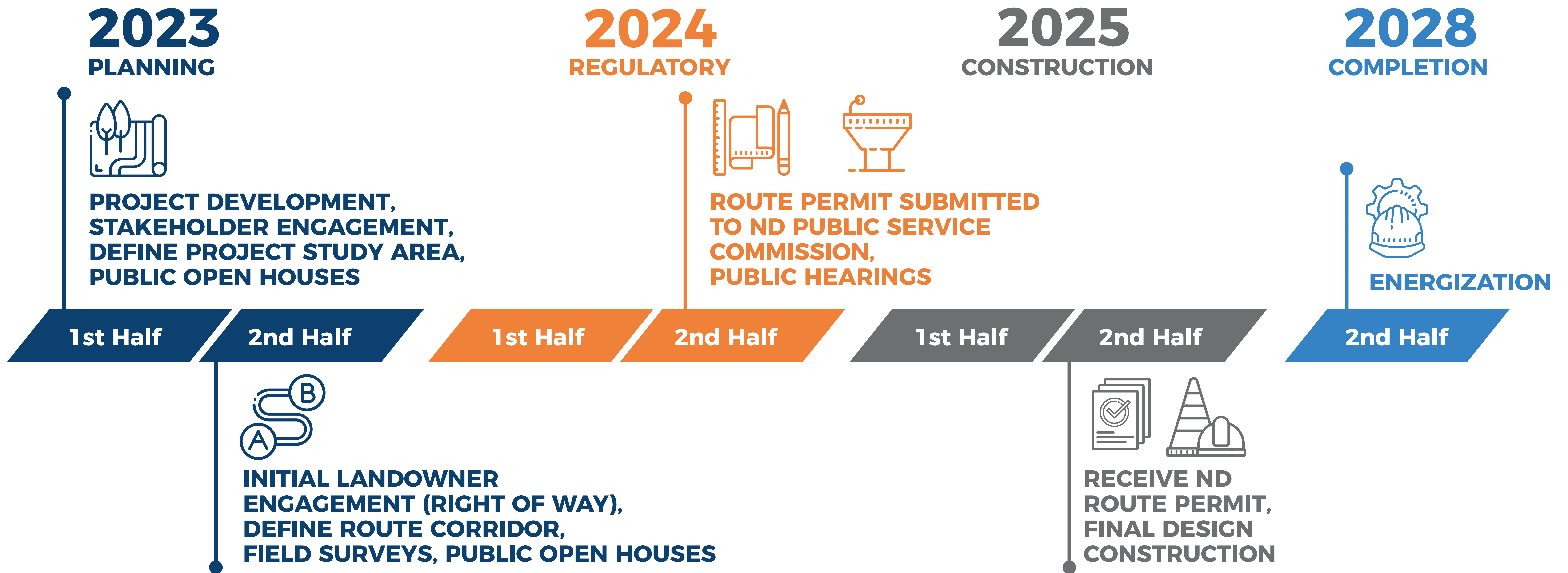
Reduce transmission congestion



Increase access to low-cost energy



▲ Routes subject to change.



Schedule is subject to change.

1. STUDY AREA

With an established project need from MISO, we identified a large study area that contained both substations.

2. PROJECT CORRIDORS

We then analyzed the study area to identify project corridors where construction may be possible.

3. PUBLIC OPEN HOUSE

Community input provided information on opportunities and challenges with the project corridors.

4. ROUTE CORRIDOR

Using community feedback, the study team continued to narrow the project corridors to a proposed route corridor.

★ WE ARE HERE

5. PUBLIC OPEN HOUSE

This open house provides opportunity for additional community feedback on the route corridor.

6. PROPOSED ROUTE

A proposed route will be submitted to the Public Service Commission, who will review and hold a public hearing before making a decision on the route permit.

? What is Right of Way?

Right of way is a portion of land needed for the construction, operation, and maintenance of the transmission line, typically about 150-foot-wide. Right of way is secured through negotiation and acquisition of an easement agreement.

? What is an Easement?

An easement is the legal document that allows Otter Tail Power Company and Montana-Dakota Utilities to construct, survey, and maintain transmission structures and lines on your property.

A **150-foot-wide easement** will be necessary to construct, operate, and maintain the proposed transmission line.

? What is Right of Entry?

To assess potential routes and conduct the necessary environmental, engineering, and geologic studies/surveys, right-of-way agents will work with landowners and residents to acquire a temporary right-of-entry agreement. This agreement does not give permission for construction.

? **What can I expect?** Right-of-way agents will reach out to landowners in potential routing areas to discuss right of way needs.

01.



Landowners in the project area will be notified of the project and right-of-way agents will reach out to begin the acquisition process.

02.



A right-of-way agent will present the landowner an easement based on the fair market value.

03.



We'll work with landowners to resolve any questions or concerns, coming to an agreement to grant an easement.

04.



Once the project receives final approval, the utilities construct, operate, and maintain the transmission line.

You will be involved throughout the process, and if you have any questions or concerns, our right-of-way agents will work with you!

ONGOING OUTREACH

Long before construction begins, right-of-way agents will be out coordinating with landowners, local government agencies, and other stakeholders. You will be involved throughout the process, and if you have any questions or concerns, our right-of-way agents will work with you!



1.

Surveys



2.

Temporary Access



3.

**Foundation Drilling
& Pouring**



4.

Structure Setting



5.

Conductor Stringing



6.

Restoration

Once we select a proposed route, we'll submit it to the North Dakota Public Service Commission (PSC). The PSC will then review it and hold public hearings before making a decision on the route permit.

Visit www.psc.nd.gov to follow.

Stay Informed

To stay up to date on the project, visit our website at:



www.JamestowntoEllendale.com

Use your phone's camera to scan the QR code.



Questions or comments about the project?

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