Regulatory process

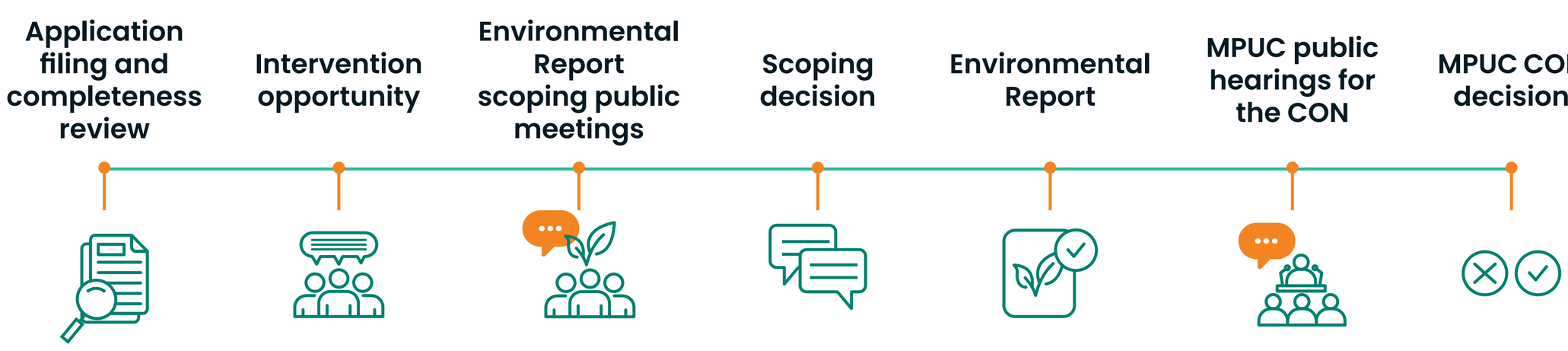
PowerOn Midwest must undergo a comprehensive state regulatory review by the Minnesota Public Utilities Commission (MPUC). This includes two key approvals:

- A **Certificate of Need (CON)** to determine whether the project is necessary and appropriately sized.
- **Route Permit** to identify where the lines should be located and how they should be designed.

Certificate of Need

Typically a 12 to 15-month process

PUBLIC PARTICIPATION OPPORTUNITY



Route Permit

Typically a 12 to 15-month process per application

PUBLIC PARTICIPATION OPPORTUNITY

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Routing considerations

Utilities are required to consider various routing criteria per Minnesota Statutes chapter 216i and Minnesota Rule 7850.4100. Those criteria and industry best practices include:

Opportunities

Linear features that are oriented in the direction of the project:

- Field lines
- Property lines
- Section lines
- Roads
- Utility corridors

Sensitivities

Area resources or conditions that may require additional review and consideration:

- Agricultural conflicts
- Airports (public)
- Cemeteries
- Communication towers
- Conservation areas/nature preserves
- Contaminated areas
- Cultural/historic resources
- Forests
- Hospitals
- Levees/dams
- Mines/quarries
- Pipelines*
- Planned development
- Protected federal lands
- Protected state lands
- Railroads*
- Recreation
- Religious facilities
- Residences
- Scenic byways
- Schools/ daycares
- Sensitive species
- Streams/ wetlands

**Linear features with additional study needed*

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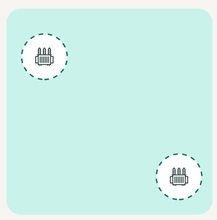
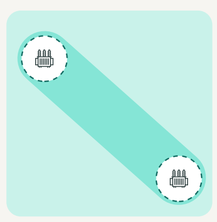
Route development process



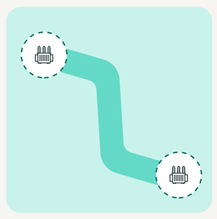
Define study area

Study area includes the project endpoints (substations).



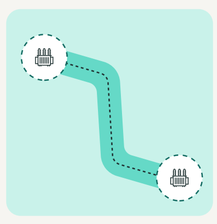
Identify route corridors

Using routing considerations and stakeholder input, we'll identify potential corridors for a transmission line.



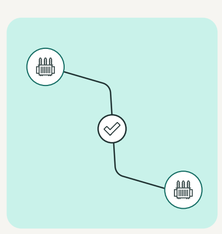
Refine to preliminary routes

With additional stakeholder input, we'll refine route corridors into narrowed preliminary routes.



Identify proposed route

We'll submit a proposed route in the Route Permit applications to the Minnesota Public Utilities Commission (MPUC).



MPUC determines final route

The MPUC will review the Route Permit applications and determine the final route.

To develop a proposed route, we'll consider:

- Opportunities
- Sensitivities
- Public input
- Project endpoints
- Engineering and construction considerations

Engagement opportunity

We're early in the development process. Please share information to help our teams identify opportunities and sensitivities.

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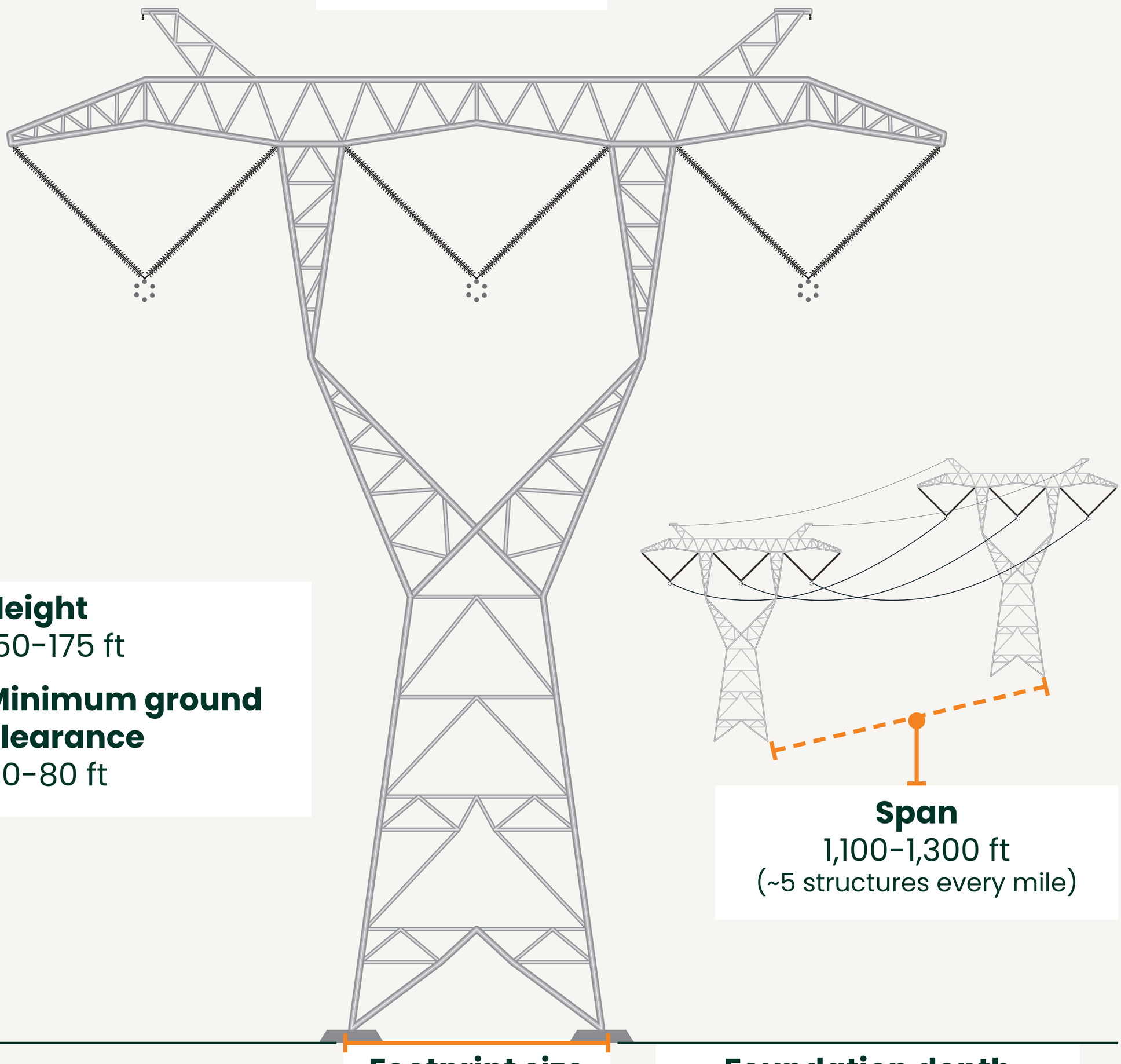
765 kV structure

Typical structure

Width: 140–150 ft



Height
150–175 ft

Minimum ground clearance
60–80 ft

Footprint size
35 x 35 ft to
50 x 50 ft

Span
1,100–1,300 ft
(~5 structures every mile)

Foundation depth
25–65 ft

Right-of-way width: 250 ft (125 ft each side from the centerline)

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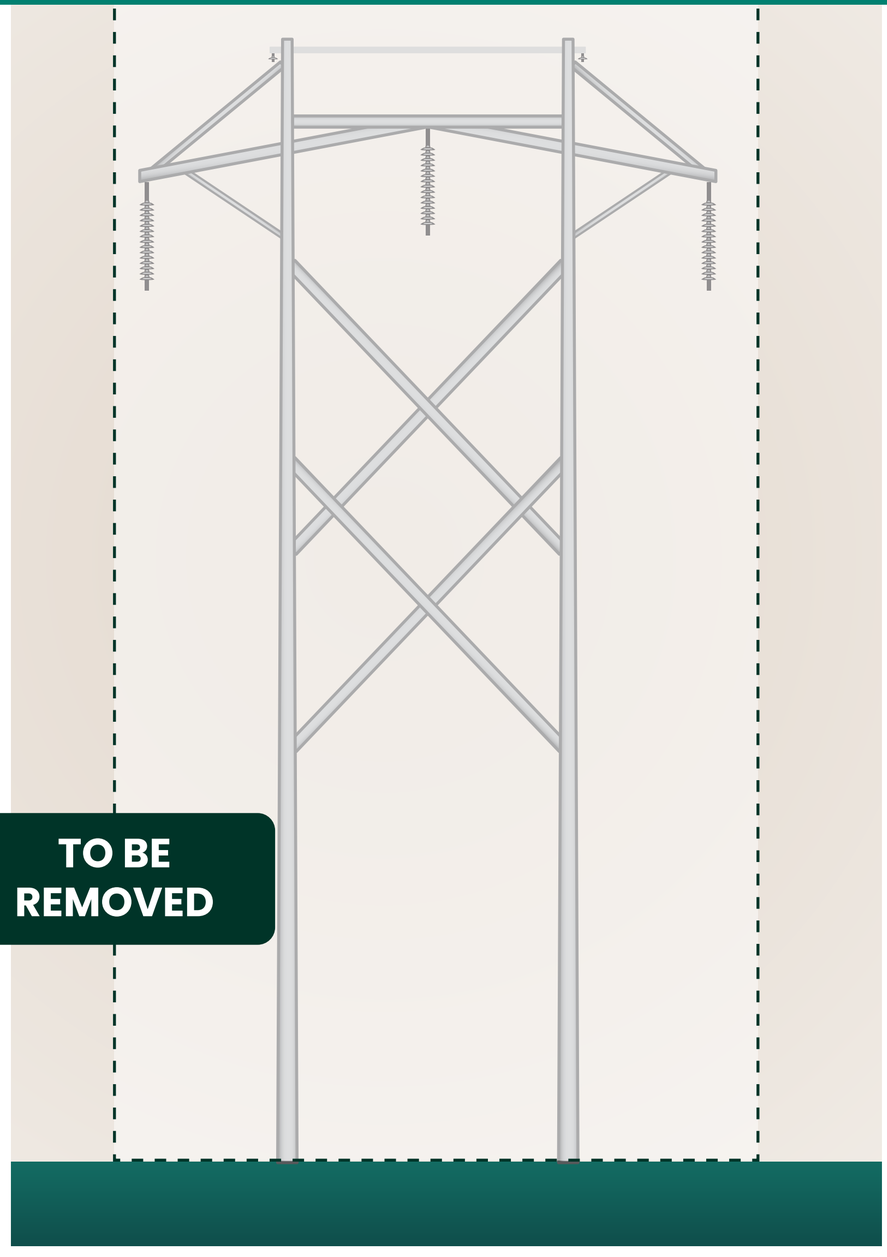
345 kV structures

Pleasant Valley to North Rochester segment only

Existing typical wood and steel H-frame structure (single circuit)



HEIGHT
70–110 ft

WIDTH
54 ft

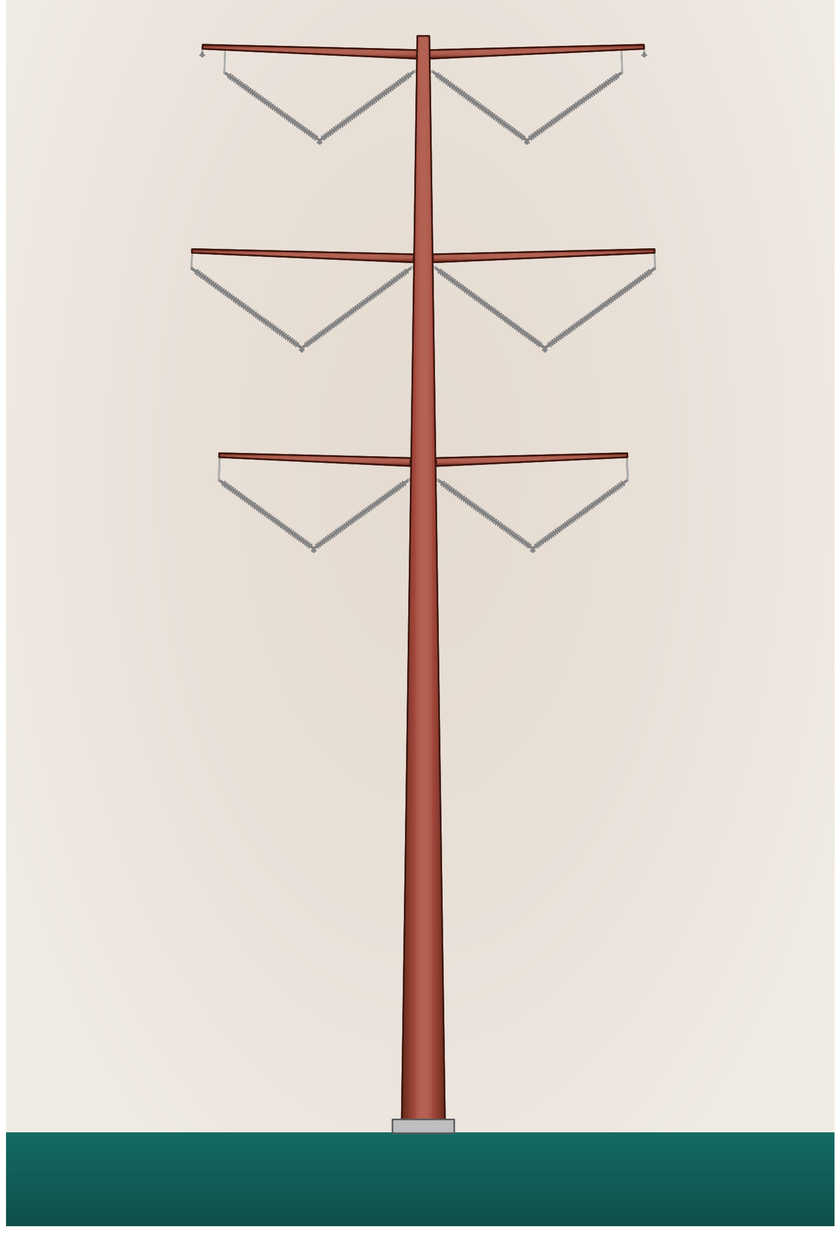
SPAN
400–1,000 ft

MINIMUM GROUND CLEARANCE
26–38 ft

FOUNDATION DEPTH
Varies

RIGHT-OF-WAY WIDTH
80 ft

Preliminary typical structure (double circuit)



HEIGHT
90–160 ft

WIDTH
14–50 ft

SPAN
800–1,200 ft

MINIMUM GROUND CLEARANCE
26–38 ft

FOUNDATION DEPTH
30–40 ft

RIGHT-OF-WAY WIDTH
150 ft

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Land rights

Land rights acquisition

What are land rights?

Land rights is the name used for the property rights acquired by the utility used for the construction, operation, and maintenance of a transmission line. Most often, the land rights acquired are easements.

What is an easement?

An easement allows the utilities the right to construct, operate, and maintain a transmission line and other associated infrastructure on a landowner's property.

Our land rights acquisition process

Project representatives will hold individual meetings with affected landowners to discuss land rights.

Utilities contact landowners to begin the easement discussion.

Easement process is discussed with landowners. An offer is based on current market values (similar properties) and other property specifics.

The utilities work closely with the landowner to resolve concerns and reach agreement. If unable to agree, state law provides for an eminent domain process.

The utilities construct, operate, and maintain the transmission line within the easement.

Buy the Farm

Minnesota's 'Buy the Farm' law *(Minn. Stat. § 216I.21, subd. 4) applies to the project and it allows a landowner, in certain circumstances, to elect for the utility to buy their entire property (or some portion of it) rather than an easement. Minnesota law also provides certain landowners who make Buy the Farm elections with relocation assistance, which can help ease the burden of moving from a home, farm, or business.*

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Suppliers & vendors

Information for local construction suppliers and vendors

PowerOn Midwest utility teams look for opportunities to work with local suppliers and vendors as much as possible throughout construction and restoration.

If you are interested in sharing your company's contact information with us, please fill out a supplier/vendor interest form or send us an email.

Connect@PowerOnMidwest.com

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