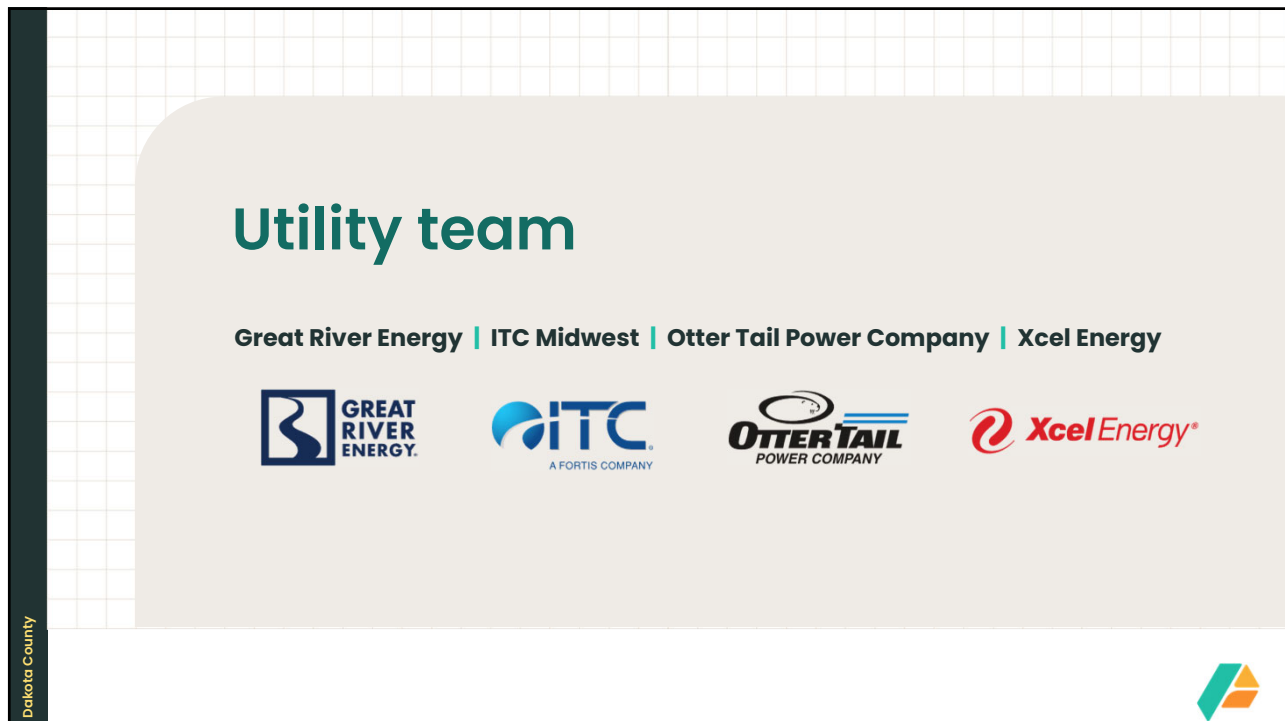




1



2

PowerOn Midwest

Electricity use is growing throughout the Upper Midwest and **demand is expected to increase significantly** over the next two decades.

This increase in electric use, combined with the changing ways electricity is generated, requires new long-term solutions to meet the needs of our communities, states, and region to ensure we can continue delivering the reliable service you need to power your daily lives.

PowerOn Midwest—tomorrow's reliability starts today.

Dakota County



3

Project benefits



Continued electric reliability



Customer and economic benefits



Prepares the grid for future growth



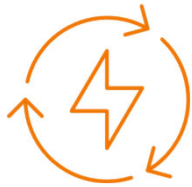
Access to new generation

Dakota County



4

Project benefits



Continued electric reliability

We know our customers and cooperative members expect:

- Consistent power delivery in any season, under any conditions.
- Access to cost-effective generation such as wind and solar.
- A grid that enables new technologies and supports technologies that reduce emissions.

Dakota County



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Project benefits



Customer and economic benefits

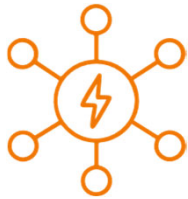
- Enabling cost-efficient generation and improving reliability compared to other more expensive solutions.
- Between \$11 billion and \$25 billion in economic benefits, a return of about \$1.60 and \$3.10 for each dollar invested.
- PowerOn Midwest will help our local communities and region can continue to grow.

Dakota County



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Project benefits



Prepares the grid for future growth

Electricity demand is expected to grow significantly over the coming decades.

This growth is driven by:

- New and expanded manufacturing.
- Expanded electrification of our homes and businesses.

The current transmission system cannot handle this level of growth without significant upgrades.

PowerOn Midwest is the answer, a 765 kV backbone able to carry more power from where it's generated to where it's needed.

Dakota County



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Project benefits



Access to new generation

The way we generate power is changing.

Over the past two decades, many coal plants have been retired across the Upper Midwest and this is expected to continue.

Much of this energy generation will be replaced with:

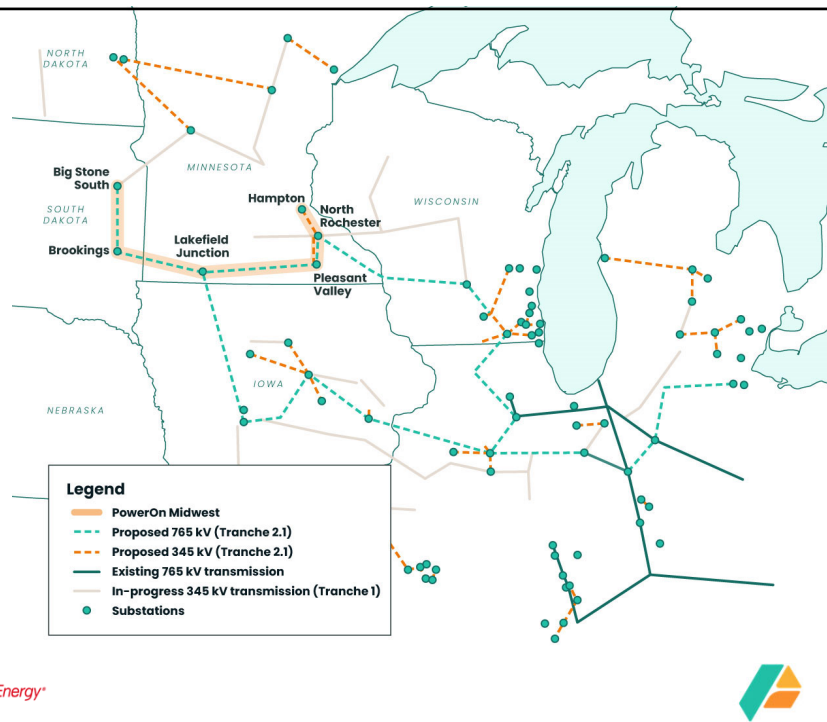
- Geographically dispersed renewable energy
- New, always-ready natural gas plants
- Other emerging technologies

Dakota County



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MISO Tranche 1 & 2.1

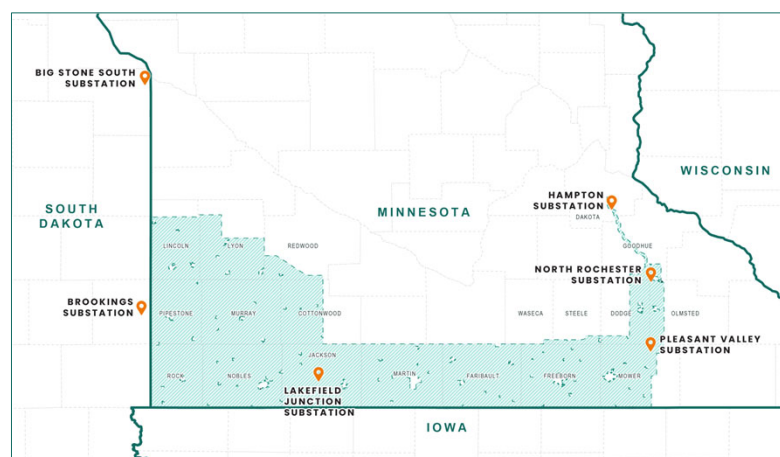


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PowerOn Midwest study area

The Certificate of Need includes:

- Big Stone South-Brookings County-Lakefield Junction 765 kV (MISO LRTP#22)
- Lakefield Junction-MN/IA border 765 kV (MISO LRTP#23)
- Lakefield Junction-Pleasant Valley-North Rochester 765 kV (MISO LRTP#24)
- Pleasant Valley-North Rochester-Hampton 345 kV (MISO LRTP#25)

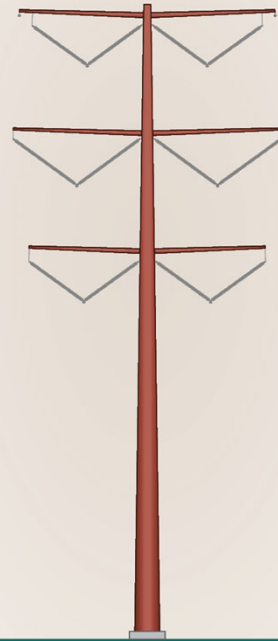


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345 kV Structure

- Existing double circuit capable 345 kV structure

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



Dakota County



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PowerOn Midwest permitting

Permit amendment

The segment requires one approval from the Minnesota Public Utilities Commission—a permit amendment.

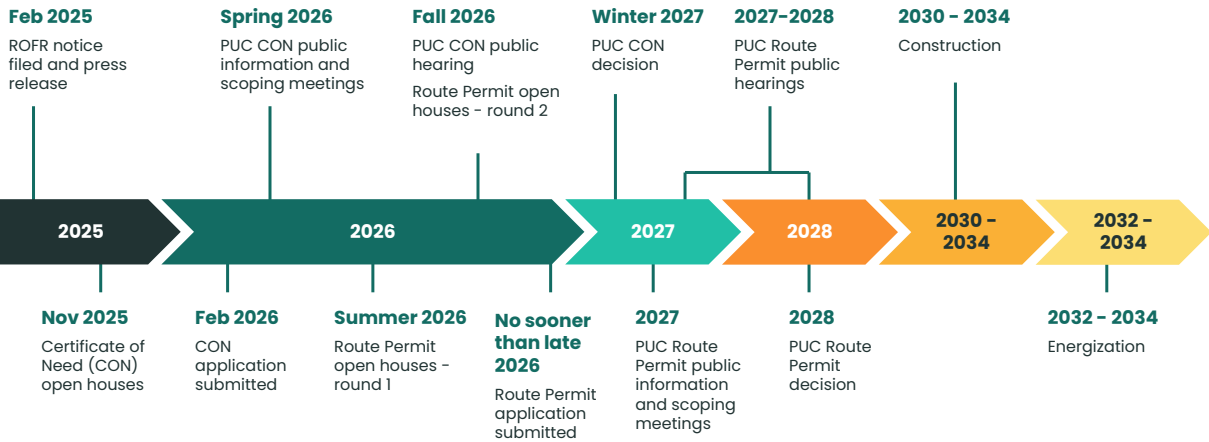


Dakota County



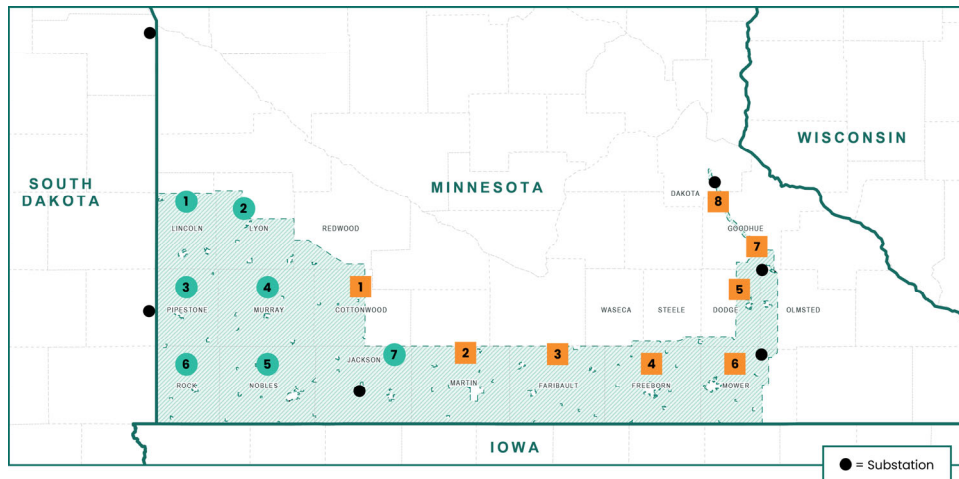
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Preliminary schedule



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Upcoming open houses



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Open house schedule – week 1

	Date	Time	County	Location
1	Monday, November 3	10 am – 12 pm	Lincoln	Lake Benton Area Community & Event Center, 114 Center St. S, Lake Benton, MN 56149
2	Monday, November 3	4 pm – 6 pm	Lyon	Five Family Ranch, 2717 County Road 6, Marshall, MN 56258
3	Tuesday, November 4	10 am – 12 pm	Pipestone	Hiawatha Lodge, 201 4th St. NW Pipestone, MN 56164
4	Tuesday, November 4	4 pm – 6 pm	Murray	American Legion, 106 W Front St., Fulda, MN 56131
5	Wednesday, November 5	10 am – 12 pm	Nobles	Worthington Event Center, 1447 Prairie Dr., Worthington, MN 56187
6	Wednesday, November 5	4 pm – 6 pm	Rock	Generations Events Center, 105 S. Estey St., Luverne, MN 56156
7	Thursday, November 6	10 am – 12 pm 4 pm – 6 pm	Jackson	Heron Lake Community Center, 312 10th St., Heron Lake, MN 56137

Can't be there in person? Explore the virtual, self-guided open house on our website to learn and provide feedback.

PowerOnMidwest.com



Open house schedule – week 2

	Date	Time	County	Location
1	Monday, November 10	10 am – 12 pm	Cottonwood	Windom Community Center, 1750 Cottonwood Lake Dr., Windom, MN 56101
2	Monday, November 10	4 pm – 6 pm	Martin	Knights of Columbus, 920 East 10th St., Fairmont, Minnesota 56031
3	Tuesday, November 11	10 am – 12 pm	Faribault	Naseic Event Center, 789 Business Park Dr., Wells, MN 56097
4	Tuesday, November 11	4 pm – 6 pm	Freeborn	Wedgewood Cove, 2200 W 9th St., Albert Lea, MN 56007
5	Wednesday, November 12	10 am – 12 pm 4 pm – 6 pm	Dodge	Events by Saker, 401 8th St. SE, Kasson, MN 55944
6	Thursday, November 13	10 am – 12 pm	Mower	Hormel Nature Center, 1304 21st St. NE, Austin, MN 55912
7	Thursday, November 13	4 pm – 6 pm	Goodhue	Zumbrota VFW, 21 E 1st St., Zumbrota, MN 55992
8	Friday, November 14	9 am – 11 am	Goodhue	Grand 02 Event Center, 32057 64th Ave., Cannon Falls, MN 55009

Can't be there in person? Explore the virtual, self-guided open house on our website to learn and provide feedback.

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Connect with us



Engagement opportunities

- For additional information, please visit our website.



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Connect@PowerOnMidwest.com



888-283-4678

Dakota County



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Thank You



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