



**Big Stone South
to Hankinson to Bison**

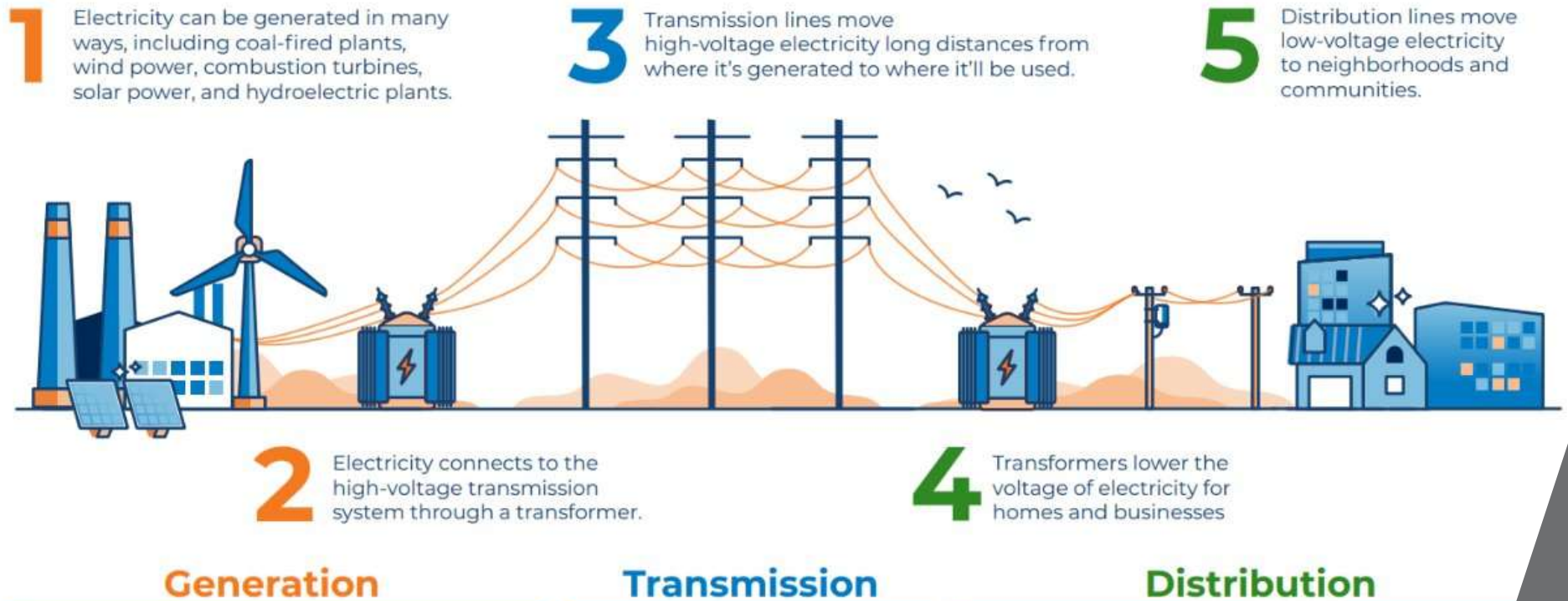
Big Stone South to Hankinson to Bison

345-kV Transmission Line

October 2026



OUR ELECTRICAL GRID



WHY TRANSMISSION MATTERS

- **Reliability**
 - Severe weather exposes gaps in regional coordination
- **Congestion**
 - Bottlenecks in transmission raise costs and limit power flow
- **Cost concerns**
 - Enhancing access to low-cost energy

WHY HERE AND NOW?



- Joint Targeted Interconnection Queue (JTIQ)
- Long Range Transmission Planning

BENEFITS



Enhance
electric
reliability



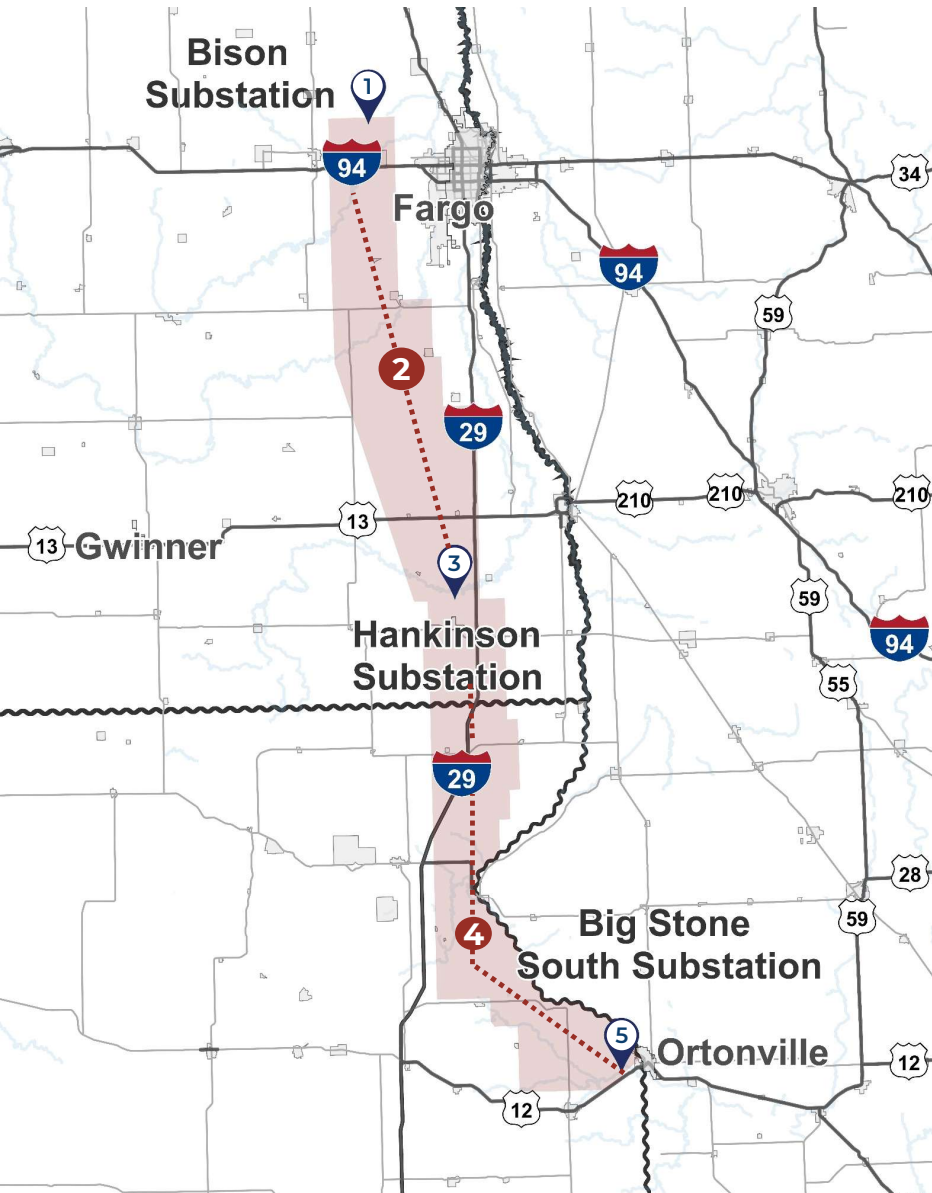
Increase
resiliency to
extreme weather
events



Reduce
transmission
congestion



Increase access
to low-cost
energy



BSSHB MAP

- 1 **Bison Substation**
- 2 **Hankinson to Bison Transmission Line**
~75 miles long
- 3 **Hankinson Substation**
- 4 **Big Stone South to Hankinson Transmission Line**
~87 miles long
- 5 **Big Stone South 345/230kV**

ROUTING AND OUTREACH

Many factors are considered when determining possible routes

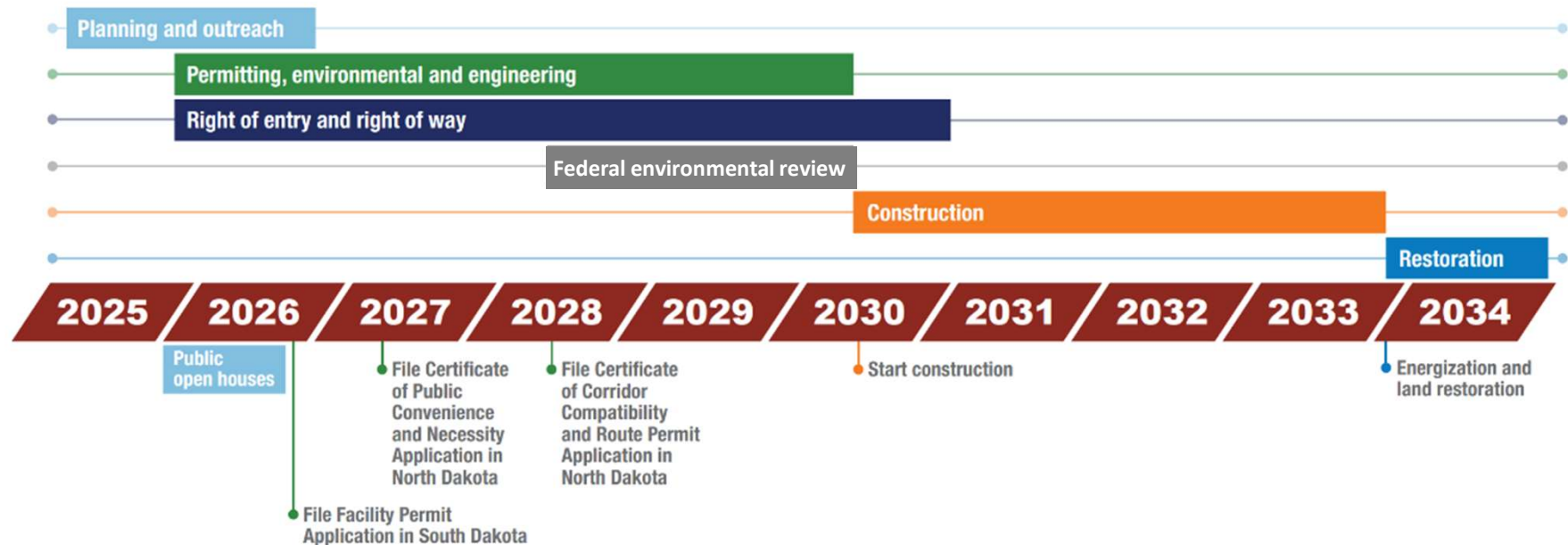


The process includes:

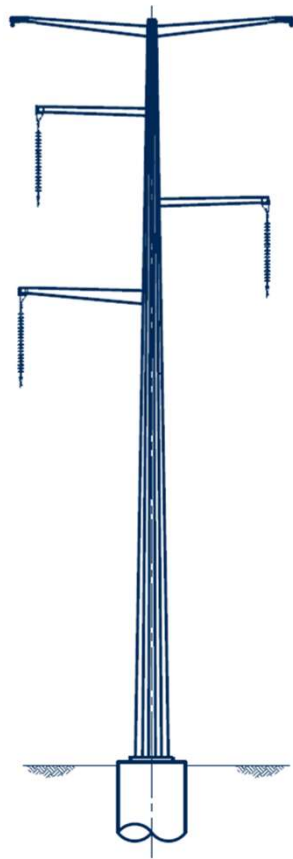
- Identifying possible routes and challenges in the area
- Hosting public open houses to get input from landowners and stakeholders
- Coordinating with federal, state, and local government units
- Reviewing proposed route modifications

PROPOSED TIMELINE

If approved, the project would be built in the early 2030's and likely in-service in 2034.



TYPICAL STRUCTURE



Key design specs

- Right-of-Way: 150 feet
- Structure: Single-circuit, self-supporting, monopole made of weathering steel
- Height: 120–160 feet
- Base Diameter: 3–9 feet

Foundation

- Concrete drilled pier
- Diameter: 6–12 feet
- Depth: 20–75 feet

Span between structures

- 700–1,200 feet

Conductor

- Vertically bundled twisted pair
- Aluminum Conductor Steel Reinforced (ACSR)
- Minimum ground clearance: 26 feet

CONTACT INFO

Project contact info



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Scan the QR code



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