



**Powering progress across North Dakota and South Dakota**

The electric grid began taking shape in the 1930s, when rural electrification brought power to farms and small towns. By the 1970s, the regional grid was developed, built strong enough to outlast its original purpose and even anticipate growth. Two generations later, electricity is integrated into our lives in ways those planners could never have dreamed.

Imagine a future for North Dakota and South Dakota that's defined by a resilient, reliable electric grid that supports rural living and thriving communities. The Big Stone South to Hankinson to Bison transmission line will help bring this future to life. Spanning approximately 150 miles, this 345-kilovolt (kV) line would run from Otter Tail Power's Big Stone South Substation in South Dakota to its Hankinson Substation in North Dakota, then continue to Xcel Energy's Bison Substation near Mapleton, North Dakota. Otter Tail Power will be the developer and construction manager.

**Big Stone South to Hankinson to Bison (BSSHB) will add approximately 150 miles of 345-kV transmission line across North Dakota and South Dakota, helping to:**



Enhance electric reliability



Increase resiliency to extreme weather events



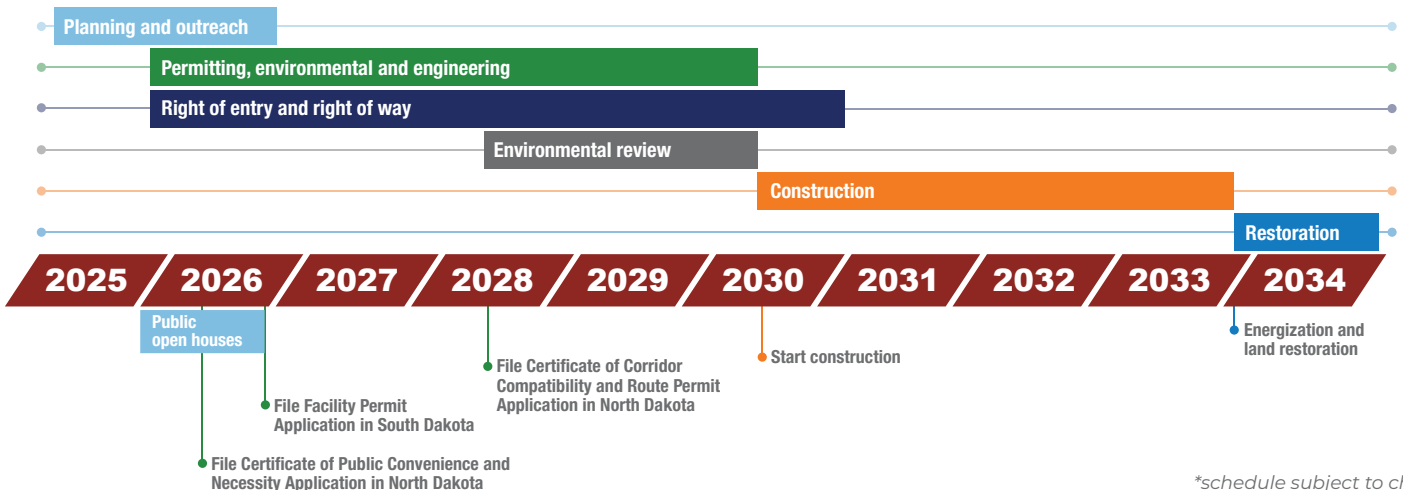
Reduce transmission congestion



Increase access to low-cost energy

**Schedule**

Developing and constructing a transmission line is a multi-year effort. We'll coordinate with landowners, local governments, agencies, Tribal Nations, and other stakeholders throughout the development process.



*\*schedule subject to change*

**Contact us**

1-888-806-4743



[www.BigStoneSouthtoHankinsontoBison.com](http://www.BigStoneSouthtoHankinsontoBison.com)



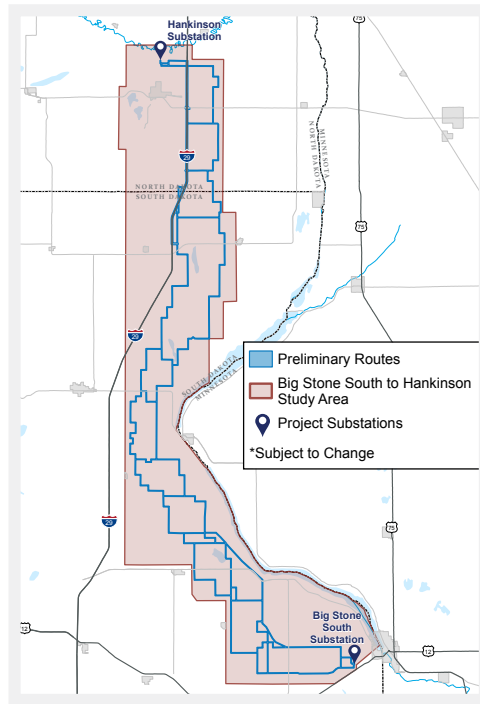
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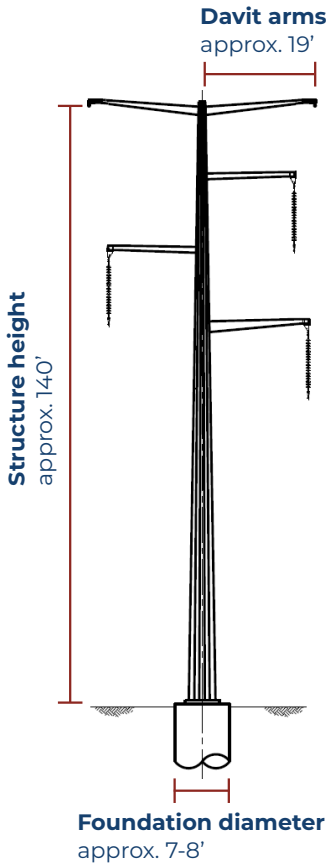
## Routing

To plan a transmission line route, we start with a study area—a broad region between the substations. A study area typically includes several counties and communities, as you'll see on the map.

After evaluating public feedback and general constraints, we'll narrow down the study area to a one- to two-mile wide corridor where the transmission line could feasibly go. We'll then propose a route, or a specific path the transmission line will follow.

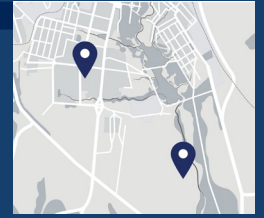


## Typical structure

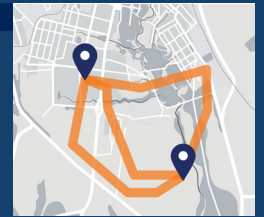


## Routing process

1 Define study area



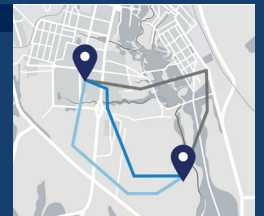
2 Identify potential corridors



3 Host public open houses



4 Develop route alternatives

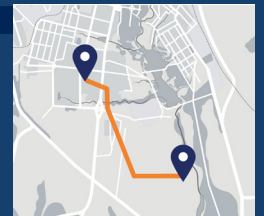


We are here

5 Host public open houses



6 Propose route



Acknowledgment: "This material is based upon work supported by the Department of Energy, Grid Deployment Office, under Award Number DE-GD0000931."

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## Contact us

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