

BASIN ELECTRIC POWER COOPERATIVE

Philip to Philip Tap 230-kV Transmission Line

South Dakota Public Utilities Commission
Public Input Meeting
October 2nd, 2025
5:30 p.m.

Basin Electric Snapshot

139 Members in 9 States

3 million consumer-owners

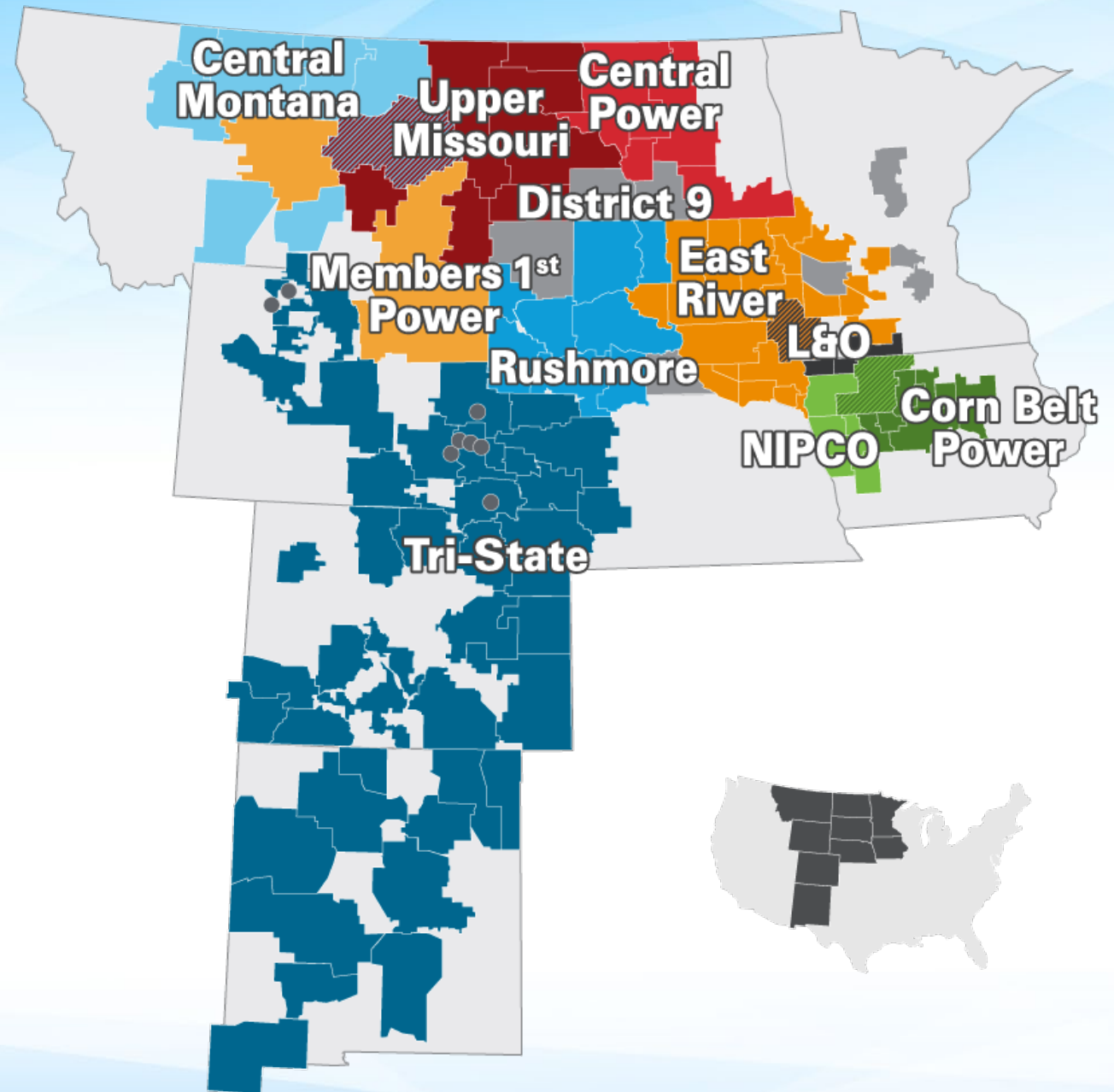
500,000 square mile territory

Over 7,000 megawatts
of winter capability

2,500+ miles of transmission

2nd largest G&T by assets

3rd largest by operating revenue



Project Map

Sections 14 & 15 T4N - R20E - Haakon County, South Dakota

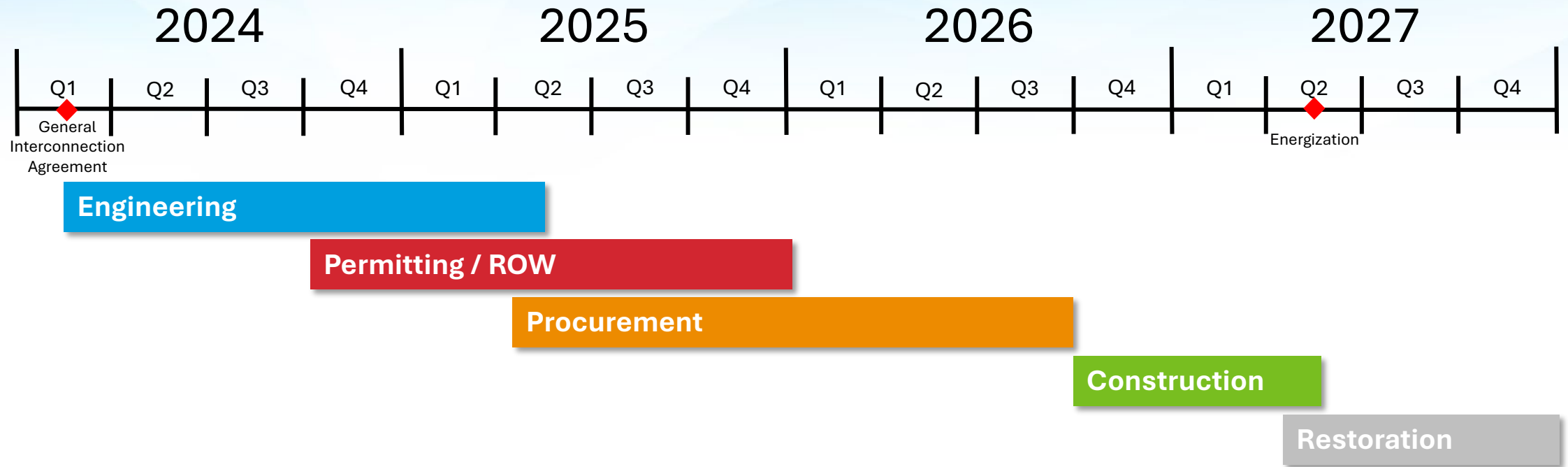


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Design Component	Values
Voltage	230-Kilovolt
Length of Transmission Line	0.95 mile
Right-of-Way Width	125 feet
Number of Structures	7
Average Height of Structures	90 feet
Span between Structures	200 to 950 feet
Minimum Conductor to Ground Clearance	26 feet
Conductor Diameter	1.20 inches
Overhead Ground and Optical Wire Diameter	0.5 and 0.571 inches
Foundation Width	4 to 9 feet
Concrete Foundation Depth	15 to 30 feet
Project Cost	\$2.48 Million

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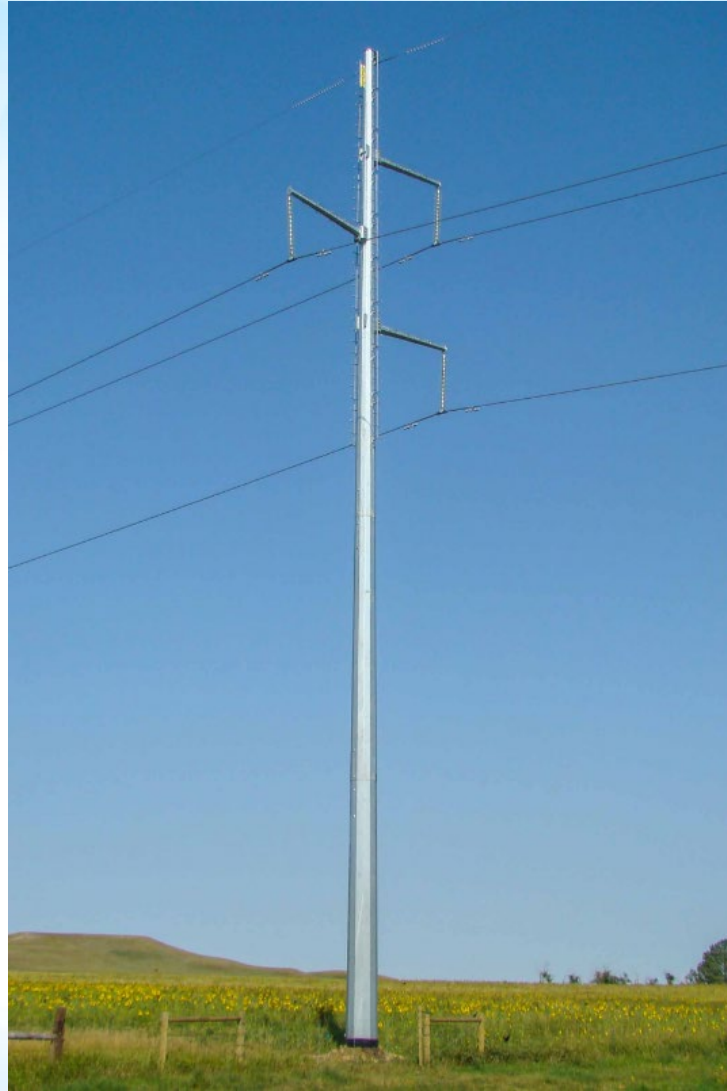
Project Schedule



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