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

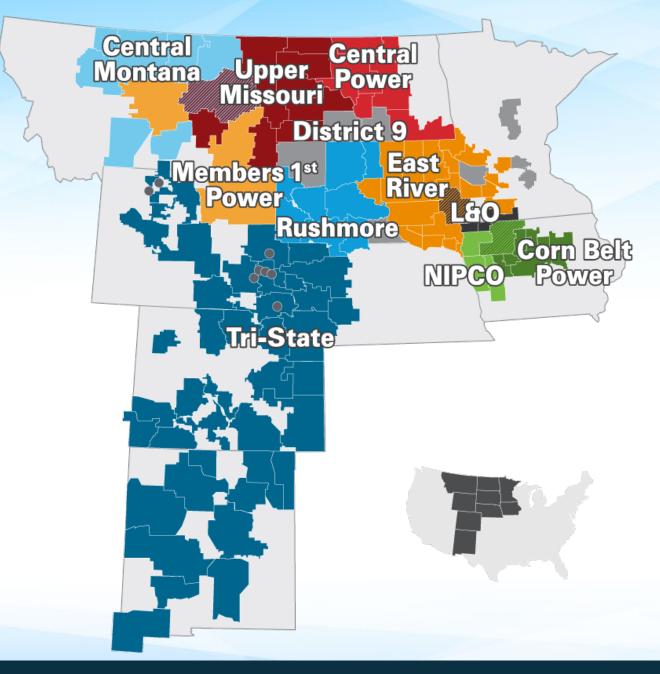
500,000 square mile territory

Over 7,000 megawatts of winter capability

2,500+ miles of transmission

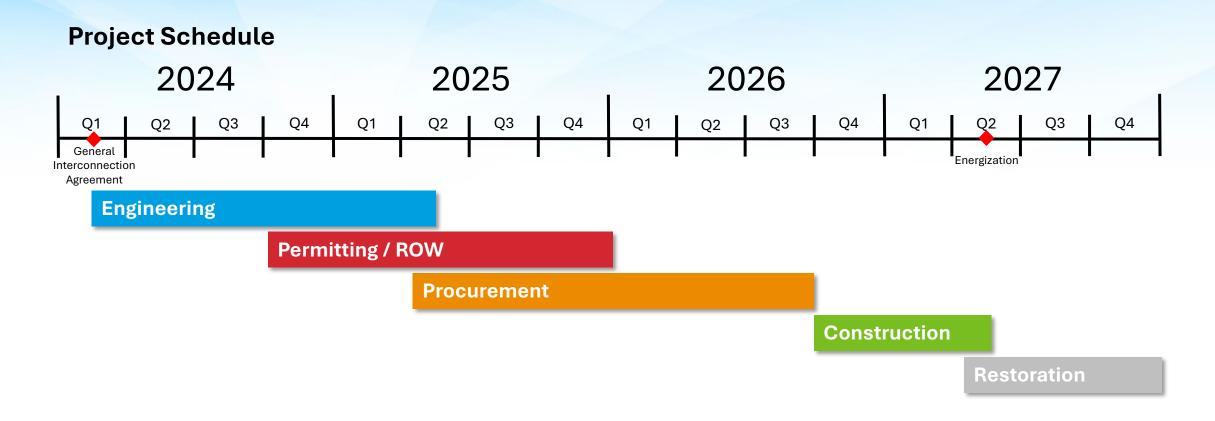
2nd largest G&T by assets

3rd largest by operating revenue



Project Map Sections 14 & 15 T4N - R20E - Haakon County, South Dakota BASIN ELECTRIC POWER COOPERATIVE A Touchstone Energy Cooperative **Project Location** South Dakota Map Features X Structures to be Removed Transmission to Remove Proposed WAPA Substation Existing Basin Electric Transmission Structures Basin Electric Property Proposed Structures Existing Basin Electric Transmission Right-of-Way Proposed Basin Electric 230kV Transmission Proposed Basin Electric Right-of-Way Existing Basin Electric 230kV Transmission Townships ■ ■ Proposed WAPA Transmission Sections 500 1,000 2,000 Feet Existing WAPA 230kV Transmission 8/12/2025

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

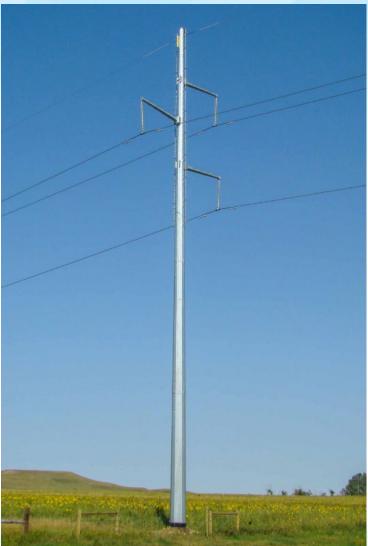














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