GRID UNITED

Grid United

North Plains Connector (NPC) & Wyoming Intertie (WyTie)



April 3, 2025

Grid United Mission & Projects

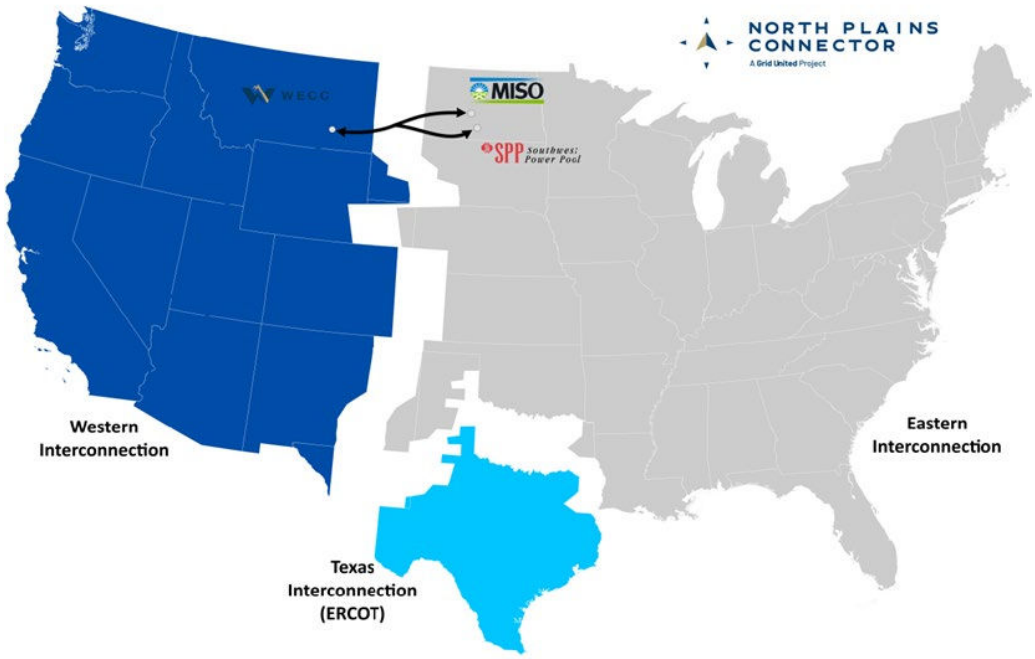
Mission: To develop America's next-generation energy infrastructure to power our future

Our projects:

- Connect key areas of the electric grid
- Create a more resilient and efficient electric system
- Utilize the nation's abundant and geographically diverse resources
- Benefit all consumers



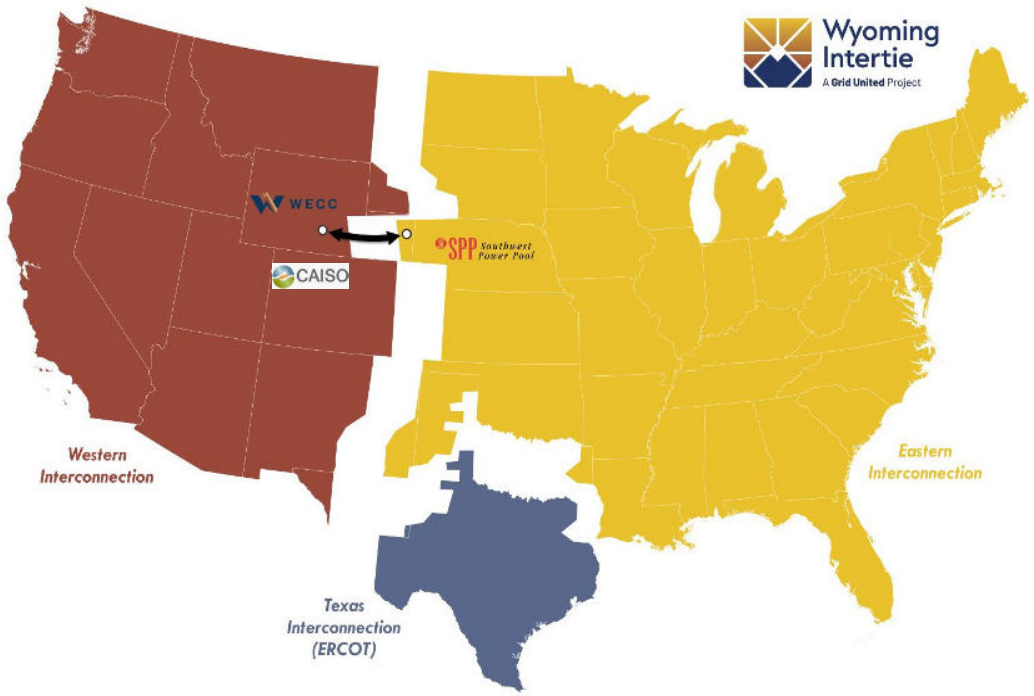
North Plains Connector



Overview	
Length	~420 mi. | 98% private landowners voluntarily committed
Configuration	3,000 MW | HVDC (VSC) | 525 kV | bi-directional
Interconnections	• WECC – 3,000 MW into Colstrip, MT 500kV system • MISO – 1,500 MW (AC) to new substation in Oliver County, ND • SPP – 1,500 MW (AC) to new substation in Morton County, ND
Timeline	Construction start: 2028 (expected), COD: 2032 (expected)
CAPEX	~$4.1 billion investment in Montana & North Dakota
Jobs	~ 800 peak construction workforce

Wyoming Intertie

Wyoming Intertie
A Grid United Project



Overview

Length	~155 mi.
Capacity	1,800 MW, Expandable 3,600 MW
Configuration	320 kV Back-to-Back HVDC, 500 kV AC
Interconnections	• Western Electricity Coordinating Council (WECC) • Southwest Power Pool (SPP) • California Independent System Operator (CAISO)
Timeline	Construction Start: 2028 - 2029 Commercial Operation Date: 2032 - 2034