

Great Basin Transmission

an LS Power **Grid** Company

Southwest Intertie Project (SWIP) North

Improving grid reliability and enabling access to lower-cost generation

Great Basin Transmission (GBT) owns and operates high-voltage transmission assets that provide a pathway for delivering energy between the Desert Southwest and the Pacific Northwest.

Project Award

- In 2023, the California ISO (CAISO) Board of Governors selected GBT to develop, permit, finance, construct, own, operate, and maintain SWIP-North.
- In 2024, the U.S. Department of Energy's (DOE) Grid Deployment Office awarded a capacity contract for SWIP-North through its Transmission Facilitation Program.
- In 2025, Idaho Power partnered with GBT for 500 MW of northbound capacity on SWIP-North.

Assets

- 285-mile 500 kV transmission line from Midpoint Substation near Twin Falls, Idaho, to Robinson Summit Substation near Ely, Nevada
- Expansion of Midpoint and Robinson Summit Substations to accommodate the interconnection of SWIP-North and other system upgrades

Fact Sheet

300+

Construction jobs to be created

\$70+ Million

Estimated tax revenue during construction

\$1+ Billion

in capital to be invested in Nevada and Idaho energy infrastructure

2000 MW

Bi-directional transfer capacity

"This final piece of the transmission corridor will provide benefits to multiple Western states by helping meet electricity needs and increasing economic development."

– Paul Thessen, President, LS Power Development

Great Basin Transmission: SWIP-North

Project Highlights

Unique Commercial Structure

SWIP-North is a unique cooperative between multiple regions, states, and utilities. It is a great example of innovation and collaboration between a private developer (LS Power), incumbent electric utilities (NV Energy & Idaho Power), and a regional grid operator (CAISO), that includes voluntary cost allocation and capacity sharing.

Regional Development

SWIP-North is part of the larger Southwest Intertie Project (SWIP) corridor which extends from the Twin Falls, Idaho area to the Eldorado Valley in Nevada, creating a 576-mile-long connection between the Desert Southwest and the Pacific Northwest. SWIP will create significant economic, reliability, and resiliency benefits in addition to enabling access to generation resources throughout the West.



Geographic location of the SWIP-North Project within the SWIP corridor

