

Great Basin Transmission South

an LS Power **Grid** Company

One Nevada Transmission Line (ON Line)

Improving grid reliability and connecting the grids in northern and southern Nevada

Great Basin Transmission South (GBTS) is the co-owner of ON Line – the first and only extra high-voltage connection between NV Energy’s northern and southern utility systems.

Project Award

In 2005, Great Basin Transmission South acquired the rights to the One Nevada Line project from Idaho Power. In 2010, NV Energy and Great Basin Transmission South announced an agreement to jointly construct and own ON Line. In 2011, the Department of Energy (DOE) issued a \$343 million loan guarantee to finance the construction of the line.

Assets

- 239 miles of transmission line that connect the Robinson Summit Substation near Ely, Nevada, to the Harry Allen Substation near Las Vegas, Nevada
- Predominantly uses tubular guyed-V transmission structures

Fact Sheet

400+

Construction jobs created during the project

0

OSHA recordable safety incidents over 2020-2024

100%

Availability for Nevada power grid over past 5 years

600-900

MW

Initial transmission capacity

\$600+

Million

Est. cost savings for consumers over life of the project



“ON Line is a game changer for clean energy development in Nevada and our economy.”

– Former U.S. Senator Harry Reid

GBTS: ON Line

Project Highlights

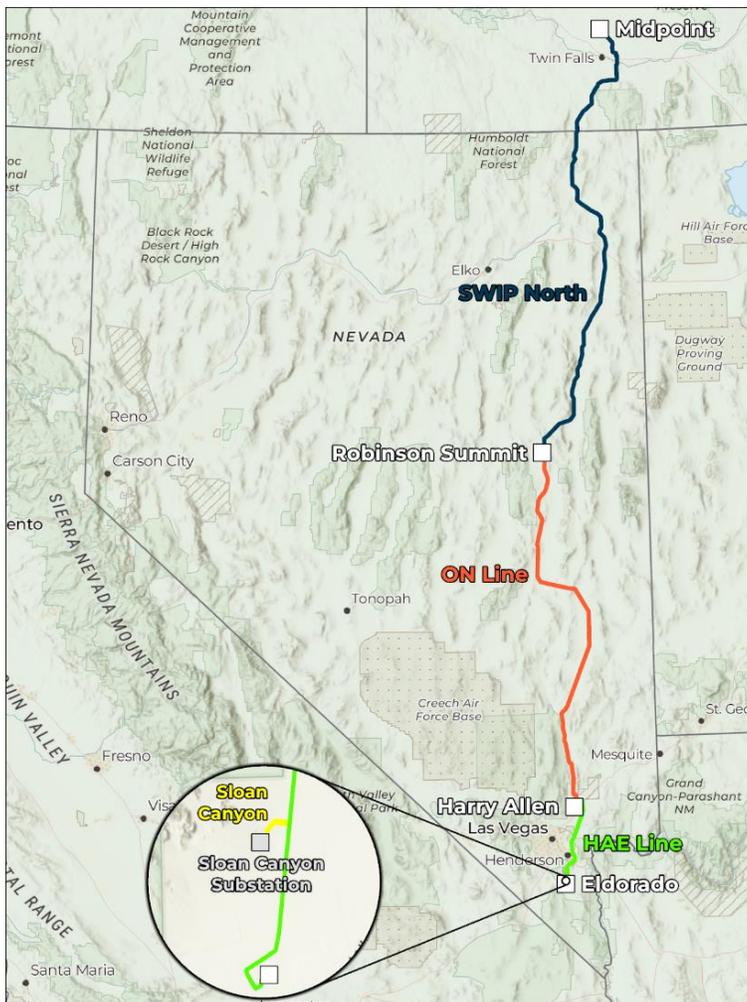
Lowest Cost Per Mile

The ON Line was constructed at the lowest cost per mile of all modern extra-high-voltage transmission projects in the western United States.



Regional Development

The ON Line is part of the larger Southwest Intertie Project (SWIP) corridor which will extend from the Twin Falls, Idaho area south to the Eldorado Valley in Nevada, creating a 576-mile-long connection between the Desert Southwest and the Pacific Northwest.



Geographic location of ON Line within the SWIP corridor

2005

Acquired Rights to Project from Idaho Power

2010

Partnership with NV Energy Executed

2011

Loan Guarantee Issued by DOE

2011-13

Construction

2014

Commercial Operation