



The **TransWest Express Transmission Project** is an extra-high-voltage, direct current transmission system with 3,000 MW of capacity. The bidirectional system will begin in south-central Wyoming, extend through northwestern Colorado and central Utah, turn southwest into southern Nevada, and end near Hoover Dam. The TWE Project is designed to deliver cost-effective renewable energy produced in Wyoming to the Desert Southwest. It also will strengthen and expand access to the electrical grid.

Delivering renewable energy across the west

The TWE Project will provide the transmission infrastructure and capacity necessary to reliably and cost-effectively deliver approximately 20,000 GWh/year of clean and sustainable electric energy generated in Wyoming to Arizona, Nevada and southern California. Wyoming has a large concentration of high-quality renewable resources in the form of wind energy. The TWE Project will transmit this electric power to the Desert Southwest region where the demand for renewable energy is the greatest.

The bidirectional TWE Project will:

- Broaden consumers' access to domestic, clean, renewable energy sources.
- Contribute to meeting national, regional and state environmental policies, including state-mandated renewable portfolio standards and greenhouse gas reduction targets.
- Meet increasing customer demand with improved electrical system reliability.
- Provide system flexibility and increased access to the grid for third-party transmission users.
- Expand regional economic development through creating hundreds of jobs and enlarging the property tax base.
- Maintain the standard of living associated with highly reliable electricity service.

Further, multiple third-party studies show the significant economic benefits of tapping Wyoming's high-capacity wind energy to meet a portion of California's renewable energy demand. For example, a 2014 National Renewable Energy Lab economic analysis shows that by sourcing some Wyoming wind, "annual generator cost savings (for California) range from around \$500 million to around \$1 billion." In total, the calculated benefits of a direct current line from California to Wyoming outweigh the costs by more than two times – well above the threshold that utilities typically require before making transmission investments.

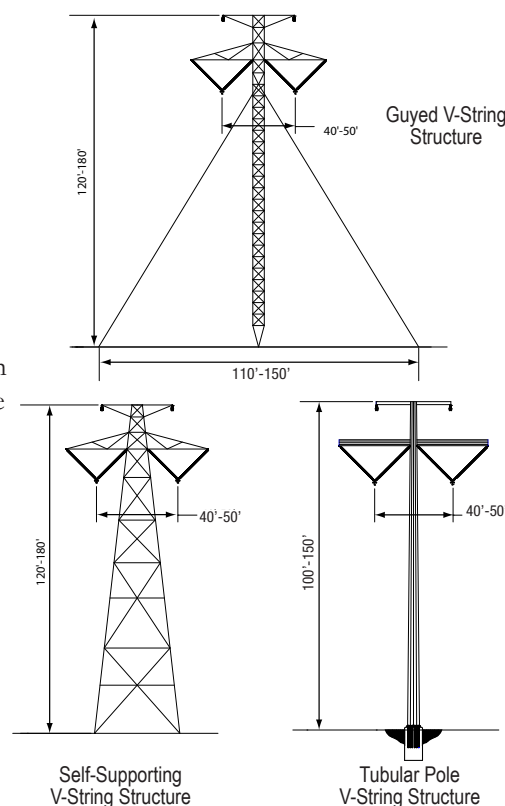
Western Area Power Administration, part of the U.S. Department of Energy, is jointly funding project development and is proposing to participate as a joint owner. In October 2011, the federal "Rapid Response Team for Transmission" selected the TWE Project for its program to "accelerate responsible and informed deployment" of key transmission facilities.

Project design

The route for the 600 kV direct current transmission line is about 730 miles long, with a typical right-of-way width of 250 feet. Two substation/converter stations, approximately 200 acres in size,

will be constructed at each terminating point. The line also is designed to allow a potential terminal at the Intermountain Power Plant near Delta, Utah. Transmission structure heights may vary from 100 feet to 180 feet depending upon structure type, terrain, span and line crossings.

Proposed and alternate structures



Years of thoughtful planning

TransWest Express LLC conducted a corridor feasibility study to identify the proposed transmission line route and alternative routes, many of which were located within or adjacent to federally designated utility corridors, or parallel existing transmission lines or pipelines.

In 2008, TransWest applied for federal rights-of-way because the proposed route crossed federal land mainly administered by the U.S. Bureau of Land Management and the U.S. Forest Service. The project was considered a major federal action requiring the preparation of an Environmental Impact Statement to meet the requirements of the National Environmental Policy Act. The BLM and Western Area Power Administration were joint lead agencies that prepared the EIS and coordinated with USFS and other federal, state and local government cooperating agencies.

BLM and WAPA sought agency and public input on potential issues to be addressed in the EIS. Based on this input, BLM and WAPA analyzed the proposed route for the transmission line and reasonable alternatives to that route. Public scoping was held January-April 2011. The Draft EIS was announced in July 2013. After addressing comments, the agencies issued their Final EIS in April 2015, identifying their preferred alternative route. The BLM Record of Decision was issued in December 2016, with the WAPA Record of Decision issued in January 2017.

Construction of the project is estimated to take two to three years.

About TransWest Express LLC

TransWest Express LLC is a wholly owned affiliate of The Anschutz Corporation, a privately held company based in Denver, Colorado. The Anschutz Corporation, through its affiliates, has been actively involved in the west for over 75 years in the fields of ranching, agriculture and energy development. The Anschutz Corporation's activity and investments in the energy field reflect a strong commitment to responsibly developing and managing natural resources.

