

Zephyr Power Transmission Project

Powerful. Renewable. Connection.

The Zephyr Power Transmission Project will connect high-quality renewable wind energy resources in Wyoming to markets in the southwestern U.S. This 850-mile transmission line will run from Chugwater, Wyo., to the Eldorado Valley, just south of Las Vegas.

- 3,000-megawatt capacity, enough to power 1.4 million average-sized homes
- Long-term, reliable connection between western and southwestern U.S.
- AC/DC converter at each terminus
- 500-kilovolt high-voltage direct-current transmission line

HVDC is the most cost-effective, efficient and environmentally favorable means of moving large amounts of electricity over distances of 500 miles or more.

- Minimal environmental footprint
- Connection to the southwestern U.S. power grid
- Potential to add other renewables, including solar
- Ability to bring capacity on in phases to match regional electric demand
- Utilities can manage, control and schedule the line's transmission capacity

Benefits

- **Meet southwestern states' renewable energy goals.** The Zephyr Power Transmission Project's high-quality Wyoming wind generation will give southwestern states access to 3,000 megawatts of clean, renewable energy.
- **Keep energy costs low.** Connecting 3,000 megawatts of Wyoming wind to the southwestern U.S. could result in \$600 million in annual savings to ratepayers in California markets.
- **Balance other sources of wind power.** When the wind isn't blowing in the Southwest, it is in Wyoming. When you connect the two, you get a balanced system that works better.
- **Create renewable energy with a minimal footprint.** The project's wind farm has established the Sweetwater Conservancy in central Wyoming, where 700,000 acres of natural land is now protected from future development.
- **Be a good neighbor.** The proposed route for the Zephyr Power Transmission Project is designed to minimize impacts to landowners and the environment, and it will create jobs and contribute to the tax base in the states along its path.
- **Minimize risk.** Development risks are borne by DATC, and shared with wind generators – not retail customers.
- **Contribute to energy independence.** The Zephyr Power Transmission Project will mark a significant contribution to America's national energy independence goals.



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DATC
DUKE American Transmission Co.™

ZEPHYR
POWER TRANSMISSION PROJECT

Ownership and operation

Duke-American Transmission Co. (www.datc.com) will develop, construct, own and operate the Zephyr Power Transmission Project. DATC is a joint venture of two leading electric industry companies – Duke Energy and American Transmission Co.

- Duke Energy (www.duke-energy.com) is the largest electric power holding company in the U.S. with more than \$100 billion in total assets. Headquartered in Charlotte, N.C., it's a Fortune 250 company traded on the New York Stock Exchange under the symbol DUK.
- ATC (www.atc.com) was founded in 2001 as the first multi-state, transmission-only utility in the U.S. It is a proven national leader in the development and operation of electric transmission having built more than 2,300 miles of transmission in the past decade.

Transporting energy is what we do. The Zephyr line will deliver high-quality renewable power to consumers in the Southwest for decades to come. The Zephyr Power Transmission Project is owned by Zephyr Power Transmission, LLC, a wholly-owned subsidiary of DATC.

Pathfinder Renewable Wind Energy, LLC (www.pathfinderwind.com) will provide wind energy from its planned 3,000-megawatt wind energy project to be transported on the Zephyr line. Pathfinder is a Wyoming wind energy developer focused on meeting America's needs for green energy while bolstering the Wyoming economy and protecting natural resources.

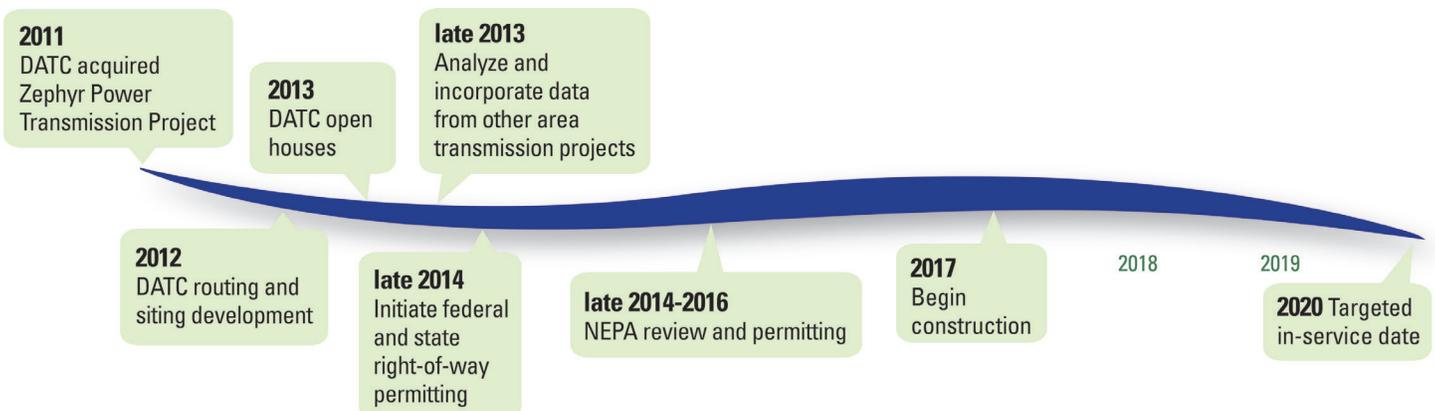
Responsible development

DATC is committed to minimizing Zephyr's impact on land, ecosystems, wildlife and communities. The proposed route for the Zephyr line maximizes use of existing designated corridors, and avoids populated areas, critical wildlife habitats, military bases, and other environmentally or culturally sensitive areas. In fact, approximately 60 percent of the proposed route is on land owned by the federal government.

In addition, Zephyr's primary wind developer, Pathfinder, is a leader in responsible wind energy development. Pathfinder's Sweetwater Conservancy includes 700,000 acres of ranch land and wildlife habitats that are now protected from future development.

Project development timeline

We're working closely with state, federal and local permitting agencies and tribal officials to make sure the siting and permitting process is transparent, timely and efficient. Agencies, including the Department of Energy's Rapid Response Team and the Bureau of Land Management, have recently been placing a priority on transmission infrastructure projects, especially those involving renewable energy.



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