

# Southern Spirit Transmission

Pattern Energy is developing Southern Spirit Transmission to create a robust, HVDC transmission line between Texas and Southeastern transmission grids. The project will facilitate a valuable connection to diverse energy resources and provide significant reliability benefits to ERCOT and the Southeast region.

Southern Spirit is designed to provide access to reliable, affordable energy for customers throughout Texas and the Southeast. The bi-directional line will allow power to be shared between the grids, especially in times of high energy demand.

The project is being privately funded by Pattern Energy and is projected to deliver consumer savings across regions.



Southern Spirit Transmission will connect Texas and Southeastern transmission grids

## Benefits

- Preserves ERCOT's independence, Federal approval was granted in May 2014 with express disclaimer of FERC jurisdiction over ERCOT
- Access to reliable electricity from diverse energy sources
- Substantial electric ratepayer savings across the region
- More than \$2.5 billion in private new infrastructure investment that will provide widespread direct and indirect job creation and economic benefits
- Thousands of construction jobs—the project will prioritize local workers
- Millions of dollars of opportunity for local businesses to provide materials and services throughout the construction period and beyond
- Millions of dollars in annual revenues to local communities
- The constructed line will be on easements granted by landowners, providing a new source of income

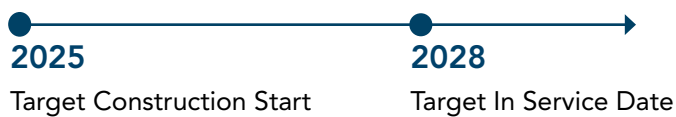


## Project Details

Southern Spirit will begin in Louisiana at the Texas border and extend approximately 320 miles to Mississippi. It will connect into Texas by way of the Rusk to Panola Transmission Project in partnership with Garland Power & Light.

Southern Spirit is designed to use state of the art  $\pm 525$  kV high voltage direct current (HVDC) technology—resulting in higher overall efficiency, a smaller footprint, and less wires than a comparable alternating current (AC) system to transmit the same amount of power.

## Projected Schedule



## About Us

Pattern Energy is a leading renewable energy company that develops, constructs, owns, and operates high-quality wind and solar generation, transmission, and energy storage facilities. Our mission is to transition the world to renewable energy through the sustainable development and responsible operation of facilities with respect for the environment, communities, and cultures where we have a presence.

Our approach begins and ends with establishing trust, accountability, and transparency. Our company values of creative spirit, pride of ownership, follow-through, and a team-first attitude drive us to pursue our mission every day. Our culture supports our values by fostering innovative and critical thinking and a deep belief in living up to our promises.

Headquartered in the United States, Pattern has a global portfolio of more than 35 power facilities and transmission assets, serving various customers that provide low-cost clean energy to millions of consumers.

### The project will consist of electrical transmission facilities in Louisiana and Mississippi, including:

- HVDC converter station located in western Louisiana
- Approximately ~320 miles HVDC  $\pm 525$  kV transmission line across Louisiana and Mississippi
- HVDC converter station located in eastern Mississippi

