

Southern Cross Transmission

Overview

Southern Cross Transmission is an innovative project that will bring low-cost renewable energy from Texas to the southeastern states and increase reliability by connecting two robust electrical systems. The ± 500 kilovolt (kV) high-voltage direct current (HVDC) bi-directional transmission line will create economic benefits, including the creation of new jobs, investment, tax base and economic development.



Milestones

- December 2011**
Received a key FERC regulatory order
- May 2014**
Received Final FERC Approval
- August 2016**
Filed for certificate of convenience and necessity (CCN) from the Public Utilities Commission of Texas (PUCT)
- October 2016**
Vendor Recruitment Fairs held in LA and MS
- April 2017**
Filed for certificate of convenience and necessity (CCN) from the Mississippi Public Service Commission (MPSC)

± 500 kV

HVDC bi-directional transmission line

\$2 Billion

Approximate Economic and Fiscal Impact in Louisiana over 30 years

2,000 MW

Base load capacity (delivered in either direction after losses)

\$1.9 Billion

Approximate Economic and Fiscal Impact in Mississippi over 30 years

Benefits

- » **Spur** development of new renewable resources
- » **Create** tax revenue and regional power market economic benefits
- » **Increase** electrical reliability by connecting two systems: ERCOT and the Southeast
- » **Produce** income for landowners
- » **Generate** economic development and investment in Louisiana and Mississippi
- » **Provide** southeastern states with access to low-cost renewable resources in Texas

Pattern Development

Pattern Energy Group LP (Pattern Development) is a leader in developing renewable energy and transmission assets. With a global footprint spanning North America, South America, the Caribbean and Japan, Pattern Development's highly-experienced team has brought more than 5,000 MW of capacity to market.

In addition to a solar and wind energy pipeline, Pattern Development is developing several transmission projects, including the Southern Cross Transmission. Our team successfully conceived, permitted, financed, developed and managed the construction of the Trans Bay Cable project in the San Francisco bay area, a 400 MW HVDC submarine cable that carries 40% of the northern San Francisco peninsula's peak load.

Our experience gives us a unique position in the FERC Order 1000 process as one of the few teams that have successfully completed the development of an independent transmission line in the United States.

We have earned our position as an industry leader by combining creativity, focus, and a scientific approach with our expertise and experience in resource analysis, site development, power marketing, finance, construction, operations and asset management. As a result, our team's history shows consistent, groundbreaking work.

Pattern Development is headquartered in San Francisco with offices located in Houston, San Diego, New York, Toronto, Santiago, Mexico City and Tokyo.

Commitment to Community and Environment

Pattern Development places great importance on being active members of the communities where we develop projects. We maintain an ongoing dialogue with community members to ensure we move forward together in a direction that provides significant local benefits. We are dedicated to building relationships with our landowners, communities, business partners and customers. We also have a strong commitment to promoting environmental stewardship, which drives our devotion to develop quality renewable energy facilities.

These values are supported by a culture that fosters innovative and critical thinking, collaborative problem-solving, and a deep belief in living up to our promises. The Pattern Development team will continue using our in-depth industry experience, combined with innovation and science, to deliver the utmost value for our partners and the communities where we work, while exhibiting strong commitments to environmental stewardship and corporate responsibility. For more information please visit patterndev.com.

