

About Us

Pattern Energy is one of the world’s largest privately-owned developers and operators of wind, solar, transmission, and energy storage projects. Its operational portfolio includes 35 renewable energy facilities that use proven, best-in-class technology with an operating capacity of nearly 6,000 MW in the United States, Canada, Japan, and Mexico. Pattern Energy is guided by a long-term commitment to serve customers, protect the environment, and strengthen communities.

Global Portfolio



Projects and Facilities



Corporate Offices



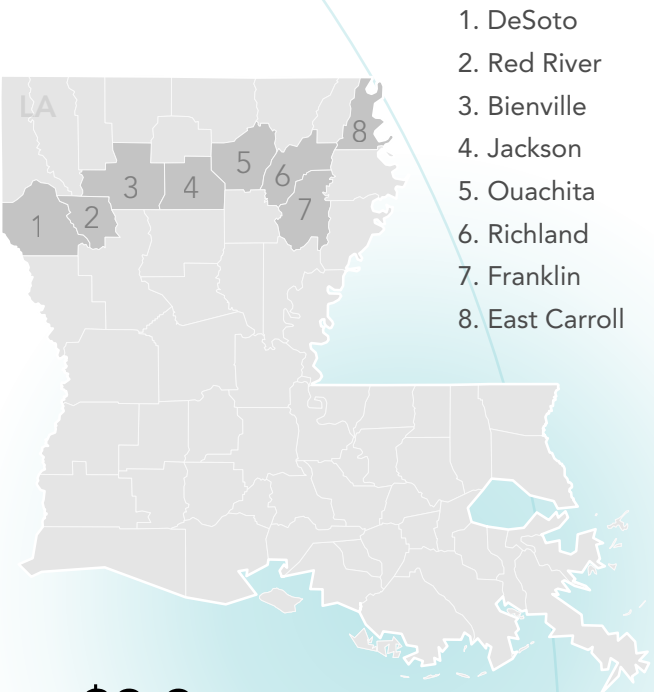
Map Disclaimers

The map includes only select development-stage projects and does not include the full pipeline. Pattern retains whole or partial ownership of most of the facilities we have brought to operation. Some transmission projects are owned in whole or in part by third-party development partners. Map is for illustration purposes only and countries are not to scale.

Southern Spirit | Louisiana

Pattern Energy is developing Southern Spirit Transmission to create a backbone between Texas and Southeastern transmission grids. The project facilitates a valuable connection to diverse energy resources and provides significant reliability benefits throughout the region.

The project is being privately funded by Pattern Energy and is projected to deliver increased reliability benefits and cost competitive power across the region. Beginning in Louisiana at the Texas border, the new ±525 kV transmission line will extend approximately 320 miles to Mississippi, passing through DeSoto, Red River, Bienville, Jackson, Ouachita, Richland, Franklin, and East Carroll parishes.



1. DeSoto
2. Red River
3. Bienville
4. Jackson
5. Ouachita
6. Richland
7. Franklin
8. East Carroll

~320 miles

±525 kV high-voltage direct current (HVDC) transmission line

\$2.2+ billion

In economic output during construction and the first 40 years of operation for Louisiana

\$2.6 billion

Total private investment across Texas, Louisiana and Mississippi

\$340+ million

Projected property tax revenue over 40 years for Louisiana

2,000+

Jobs created during the 2 year construction period in Louisiana

Total Transmission Construction Cost

ESTIMATED	MILLIONS
Converter Stations	\$1,216
DC Transmission Line	\$1,030
AC Transmission Line	\$125
Switching Station and Crossings	\$49
Development	\$263

Key figures summarized from a Louisiana economic impact analysis prepared February 2023 by Strategic Economic Research, LLC, a consulting firm. The analysis uses industry-standard models to provide estimated impacts across a range of economic categories.

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Economic Benefits for the State of Louisiana

The proposed, approximately 320 miles of the Southern Spirit Transmission Line will pass through DeSoto, Red River, Bienville, Jackson, Ouachita, Richland, Franklin, and East Carroll parishes, utilizing a converter station in DeSoto Parish.

The project’s proposed investment footprint across Louisiana, Mississippi, and Texas represents a private investment of more than \$2.6 billion by Pattern Energy, and will bring a broad range of direct and indirect economic impacts to parishes along the route, and the State of Louisiana.

Local Job Creation

Over the course of construction and throughout operations, the project will provide job opportunities across the region. During the two year construction period, over 2,000 jobs will be created in the State of Louisiana. Once complete, the transmission line will support over 250 permanent jobs in the state.



Strategic Economic Research estimates the project will provide the following employment impacts for the Louisiana Parishes along the line’s planned route during construction and operations.²

Taken together, local parishes are estimated to see over \$151 million in total earnings impact during construction and operations. The rest of Louisiana is estimated to see an additional \$18.8 million in total earnings impact.

Widespread Economic Activity

Southern Spirit Transmission will drive extensive economic activity throughout its construction phase and into operations. The figures below provide the estimated total economic output impacts of the project. Economic output is the value of goods and services produced in the parish or state.

Local and State Economic Impacts

ESTIMATES

	Construction Impacts	Operations Impacts
Bienville Parish	\$24.7M	\$1.8M
DeSoto Parish	\$113.5M	\$27.2M
East Carroll Parish	\$17.5M	\$1.6M
Franklin Parish	\$4.7M	\$414,825
Jackson Parish	\$20M	\$2.5M
Ouachita Parish	\$12.2M	\$1.5M
Red River Parish	\$15.8M	\$1.3M
Richland Parish	\$30.3M	\$2.7M
Rest of Louisiana	\$57.4M	\$1.6M
State of Louisiana	\$307.1M	\$47.6M

¹All estimates include direct, indirect, and induced impacts. Direct impacts represent jobs and activity directly involved in the construction and maintenance of the project. Indirect impacts include jobs and activity supported through indirect supply chain purchases and activities. Induced impacts consider additional spending and jobs created by higher spending by direct and indirect activities.

²Operations figures assume a 40-year lifespan for the facility, although transmission lines typically last much longer.



Construction Drives Local Opportunity

Transmission projects of this scale require large investments in materials and labor. Southern Spirit Transmission is projected to invest approximately \$337 million in construction costs in Louisiana over a two-year construction period, currently the project is expected to be operational. This includes over \$113 million in direct labor costs and \$22 million in landowner payments under lease and easement agreements.

Along with creating quality jobs throughout construction, building the line will generate opportunities for local businesses. Strategic Economic Research estimates construction will generate approximately \$46 million in revenue for Louisiana hotels and \$26 million for local restaurants.

State & Local Property Tax Revenues

The transmission line will be a source of local and state property taxes, providing funding for education and other local government services, such as fire protection, park districts, and road maintenance. In most jurisdictions, local school districts receive about half of all property taxes to support K-12 education.

Over the first 40 years of operations, the project is expected to contribute over \$349 million in property taxes in the State of Louisiana, or an annual average of approximately \$8.7 million.

Estimated Property Tax Revenues

ESTIMATES

	40-year Total	Annual Average
Bienville Parish	\$26.5M	\$662,741
DeSoto Parish	\$212.3M	\$5.3M
East Carroll Parish	\$26.5M	\$662,696
Franklin Parish	\$4.9M	\$122,934
Jackson Parish	\$23M	\$575,432
Ouachita Parish	\$13M	\$323,785
Red River Parish	\$17.3M	\$433,261
Richland Parish	\$26.4M	\$661,083

Community Engagement and Giving

We are involved in the community and contribute throughout the life of our projects. Community engagement is foundational to the long-term success of any energy project. Pattern Energy sought and incorporated feedback from local, regional, and national organizations to ensure the planned transmission line is developed with sensitivity for local needs, environmental preservation, and economic sustainability.

Acting as a good neighbor benefits the communities where we develop and the long-term success of our facilities. Pattern’s Community Benefits Programs support local economies and ensure regional benefits and lasting impact through sponsorships and donations. Our development plan includes annual funding to a variety of community-based organizations in the regions where the Southern Spirit Transmission Line will be built and operated.