

Northeast Louisiana 500kV entergy Transmission Lines

PROJECT OVERVIEW | The Northeast Louisiana 500kV Transmission lines investments in Ouachita, Morehouse, and Richland Parishes includes one new 500kV substation and two new ~25-mile transmission lines capable of transmitting power to the electric grid, supporting our continued commitment to reliably serve our customers. These new facilities will enhance reliability and permit the efficient transfer of energy across the state, helping to reduce customer bills and promote economic growth within the state, including Meta's transformational investment.

WHY HERE, WHY NOW?

Investments across North Louisiana, including Meta's transformational data center in Richland Parish, are driving the need to invest in and strengthen the overall power grid.

The new 500kV substation is expected to be located on Entergy Louisiana owned property 3 miles east of the existing Entergy Louisiana Perryville power plant. The route of the new 500kV lines will parallel the existing 500kV lines for about two-thirds of its length, except where it needs to avoid environmentally sensitive areas.

COMMUNITY BENEFITS

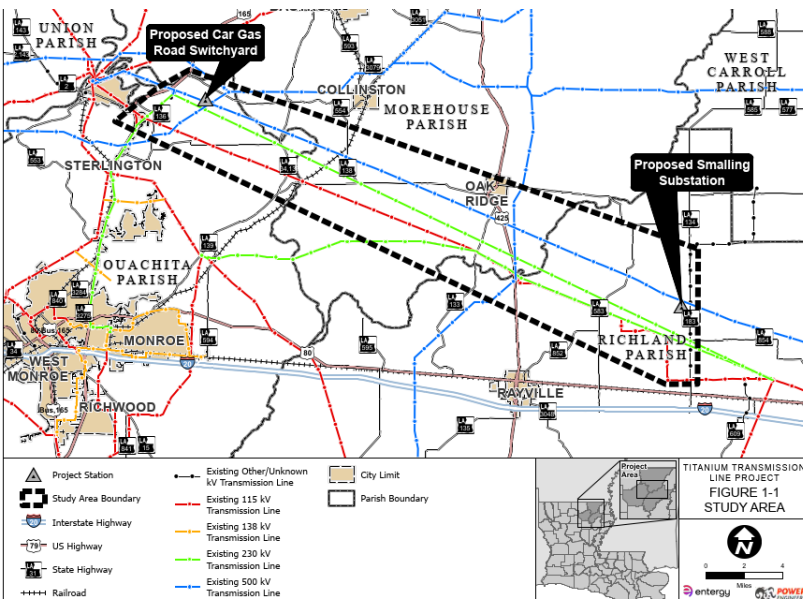
For decades, leaders in Louisiana have sought development in state that would provide meaningful opportunity to grow our communities through jobs, taxes and improved quality of life. Entergy Louisiana remains committed to supporting economic growth throughout North Louisiana via its ongoing investments in the community. This project demonstrates Entergy's dedication to engaging and creating opportunities for local suppliers, whether community outreach events, open houses, or other engagement initiatives. Key community benefits include:

- **A \$500 million investment** that creates economic opportunities for local suppliers, businesses, and landowners in the area
- **Approximately 400+ construction jobs** during the build phase from 2026 to 2027, providing meaningful employment and workforce development opportunities

TECHNOLOGICAL INNOVATION

Our transmission system spans a vast service area, consisting of thousands of miles of transmission lines and hundreds of substations operating up to 500 kV. It is the backbone of the electric grid and helps Entergy move power from the power plant to the lines serving customers' neighborhoods, across an interconnected system of transmission lines and substations. Key innovations of this technology include:

- Engineered to **withstand extreme weather events** for Louisiana customers
- Able to transmit large amounts of energy, enabling **cost-effective, efficient generation dispatch**



PURPOSE OF PROJECT

The demand for energy is greater now than ever before. From more household electronic devices to businesses expanding operations in the state, customers' energy needs are growing. Whether you're flipping the light switch on at home or firing up machinery at the office, you expect power to be there when and where you need it. And we're making sure it is by modernizing our infrastructure, including this new 500kV facility. This new infrastructure will strengthen the power grid and provide long-term reliability for all our customers for decades to come.

WHO AND WHAT

Entergy Louisiana is spearheading the construction and development of one new 500kV substation and two (2) new 500kV lines.

LOCATION

Ouachita, Morehouse, and Richland Parishes, Louisiana

CONSTRUCTION TIMELINE

Expected to begin in summer 2026 and finish at the end of 2027

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