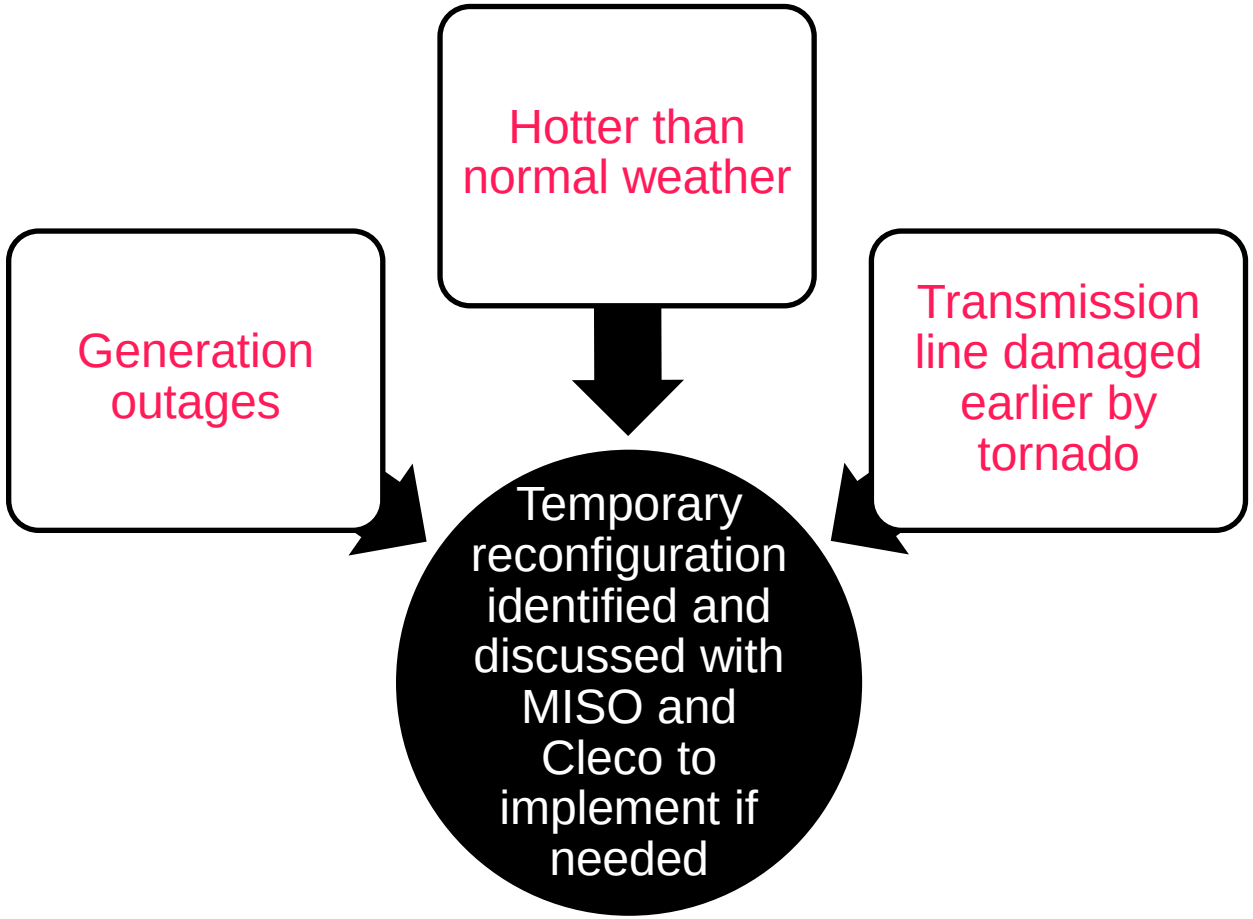
June 18, 2025

May 25 Load Shed Event

Entergy Louisiana

May 22: Monitoring conditions and coordinated planning with MISO and Cleco



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May 23-25: Planning for system conditions

- Ongoing discussions with MISO, Entergy operators, and Cleco to discuss system conditions
- Both before and after MISO called for a load shed, Entergy's operators inquired with MISO about implementing a transmission reconfiguration plan
- Entergy's models did not show the need for load shed with implementation of the reconfiguration plan
- On May 25th at 3:03 am, Entergy and MISO discussed the reconfiguration plan and believed it would be effective
- Ultimately, MISO did not authorize or utilize the reconfiguration plan before the load shed.
    - We have been informed that MISO's operating models at the time of the load shed indicated that the reconfiguration plan would not have worked
    - We are working with MISO to understand the reasons for the different model results; our findings will be shared with Staff and reported to the LPSC

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May 25: MISO issues directive to shed load

On May 25 at ***4:02 pm***, MISO informed Entergy Transmission Operators that system operation levels were becoming more stressed. MISO did not ask Entergy to take any action at that time. Entergy's operators had no indication the reconfiguration plan would not be effective.

At ***4:21 pm***, MISO issued a directive to ELL and ENO to "shed 500 MWs of load in the Slidell and New Orleans Areas until further notice."

At ***4:30 pm***, MISO issued a directive to Cleco to shed 100 MWs of load.

At ***6:18 pm***, the reconfiguration plan was implemented after load was starting to be restored and remained in place on May 26.

MISO Directive

- ELL and all load serving entities are required to follow the reliability instructions issued by MISO
- Upon receiving MISO's directive, there was insufficient time available within NERC deadlines to utilize demand response or curtail interruptible customers before beginning to shed load

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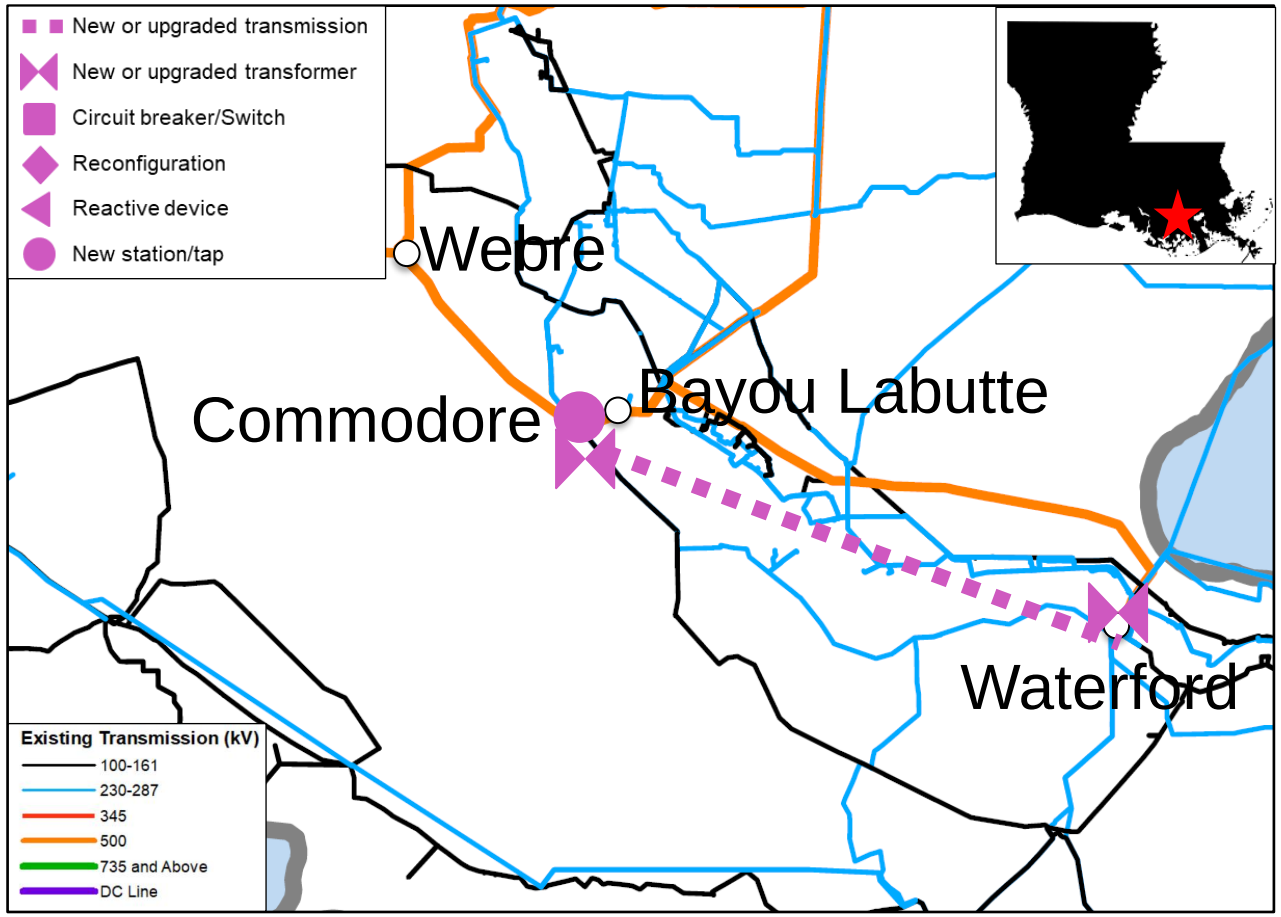
Resource Plans Mitigate Future Risks

Westbank 230kV (U-37143)

Approved in MTEP23

Estimated Cost: $498.8M
Expected ISD: 2Q 2027
LPSC Status: Certification order issued 4/25/25
Added Import Capability: 500 MW (with Westbank 500kV Project)



Project description

- New Commodore 500/230kV Substation
- Upgrade of the Waterford 230kV Substation
- New Waterford – Commodore 230kV Transmission Line
- Rebuild of the Iberville – Commodore 230kV Transmission Line

Project Benefits

- Improved extreme event resilience - Provides an EHV path between Baton Rouge and Waterford. Location of line provides geographic diversity that can be useful in restorations during Extreme Weather Events.
- Operational flexibility and preparing for future of generation in Amite South/DSG - Addressing generation retirements in Amite South, which could be accelerated by proposed EPA rules.
- Meet Local Planning Criteria for load serving capability – along with the Westbank 500kV Project, increases import capability into Amite South by approximately 500 MW.

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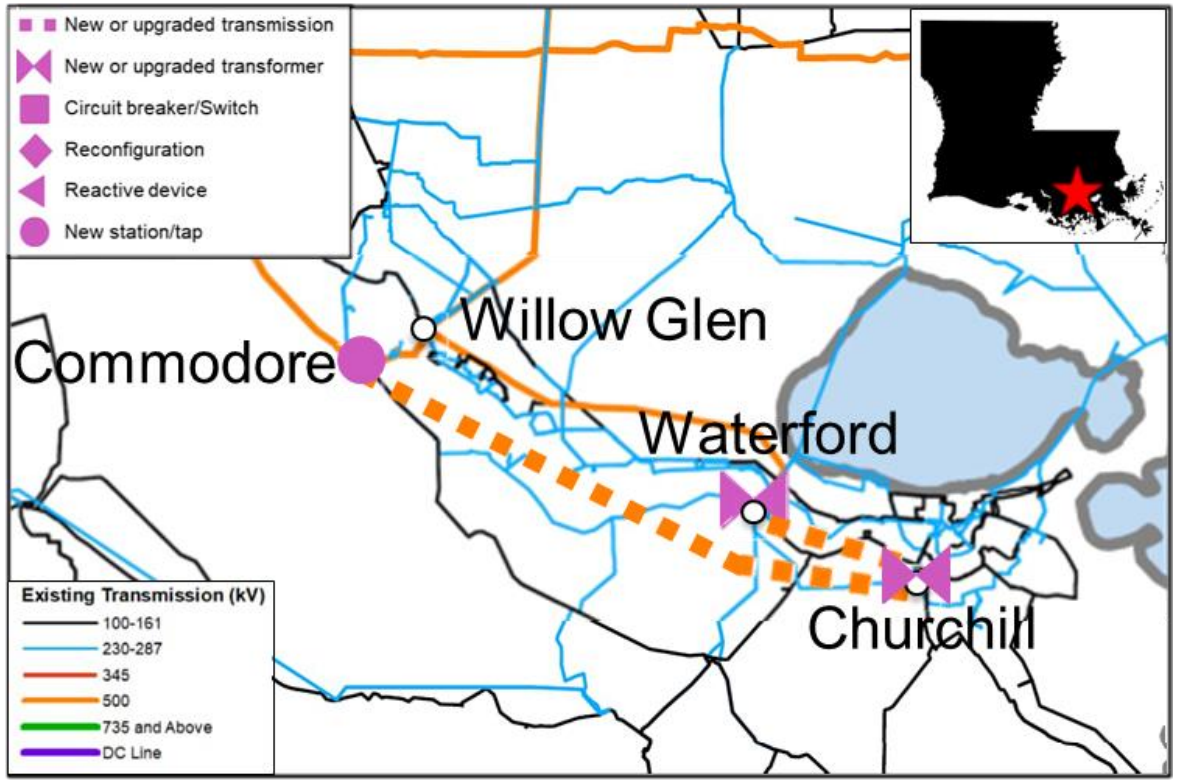
Westbank 500kV (U-37467)

Approved in MTEP23

Estimated Cost: $954.7M
Expected ISD: 3Q 2028
LPSC Status: Certification proceeding pending (hearing set for Aug 2025)
Added Import Capability: 500 MW (with Westbank 230kV Project)



Project description

- Construction of the new Churchill 500kV Substation, improvements to the existing Churchill 230kV Substation, and construction of two new tie lines
- Expansion of the existing Waterford 500kV Substation
- Construction of the new 84-mile Commodore – Churchill 500kV transmission line
- Conversion of the existing 230kV Waterford – Churchill Line to 500kV construction and operation.

Project Benefits

- Improved extreme event resilience. Location of line provides geographic diversity that can be useful in restorations during Extreme Weather Events.
- Operational flexibility and preparing for future of generation in Amite South/DSG - Addressing generation retirements in Amite South
- Offers the opportunity to cut multiple sources into existing stations serving customers
- Meet Local Planning Criteria for load serving capability– along with the Westbank 500kV Project, increases import capability into Amite South by approximately 500 MW. Helps meet needs of increased block load requests on the west bank of the river by providing a new 500 kV path.

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Audubon Substation (S-37113)

Approved in MTEP23

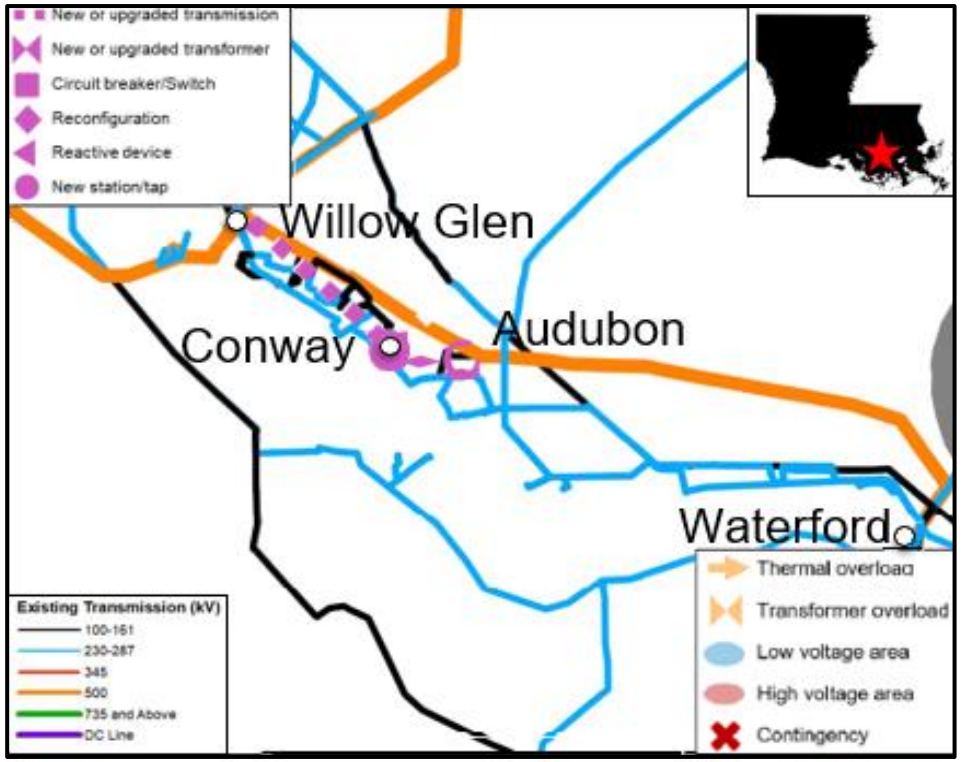
Estimated Cost: $209.1M
Expected ISD: 4Q 2025
LPSC Status: ELL Notice Filing (docket closed)
Added Import Capability: 500 MW (with Geismar 230kV Project)

Project description

- New Audubon Substation and 7.8 miles of new transmission line for the purpose of serving a new industrial customer load on the East Bank.

Project Benefits

- Meet Local Planning Criteria for load serving capability – along with the Geismar 230kV Project, increases import capability into Amite South by approximately 500 MW
- Operational flexibility and preparing for future of generation in Amite South - Addressing generation retirements in Amite South, which could be accelerated by proposed EPA rules
- Improved extreme event resilience - Provides an additional hardened path into Amite South, that can be useful in restorations during Hurricane and other extreme weather events.



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Geismar 230kV (U-37527)

Approved in MTEP23

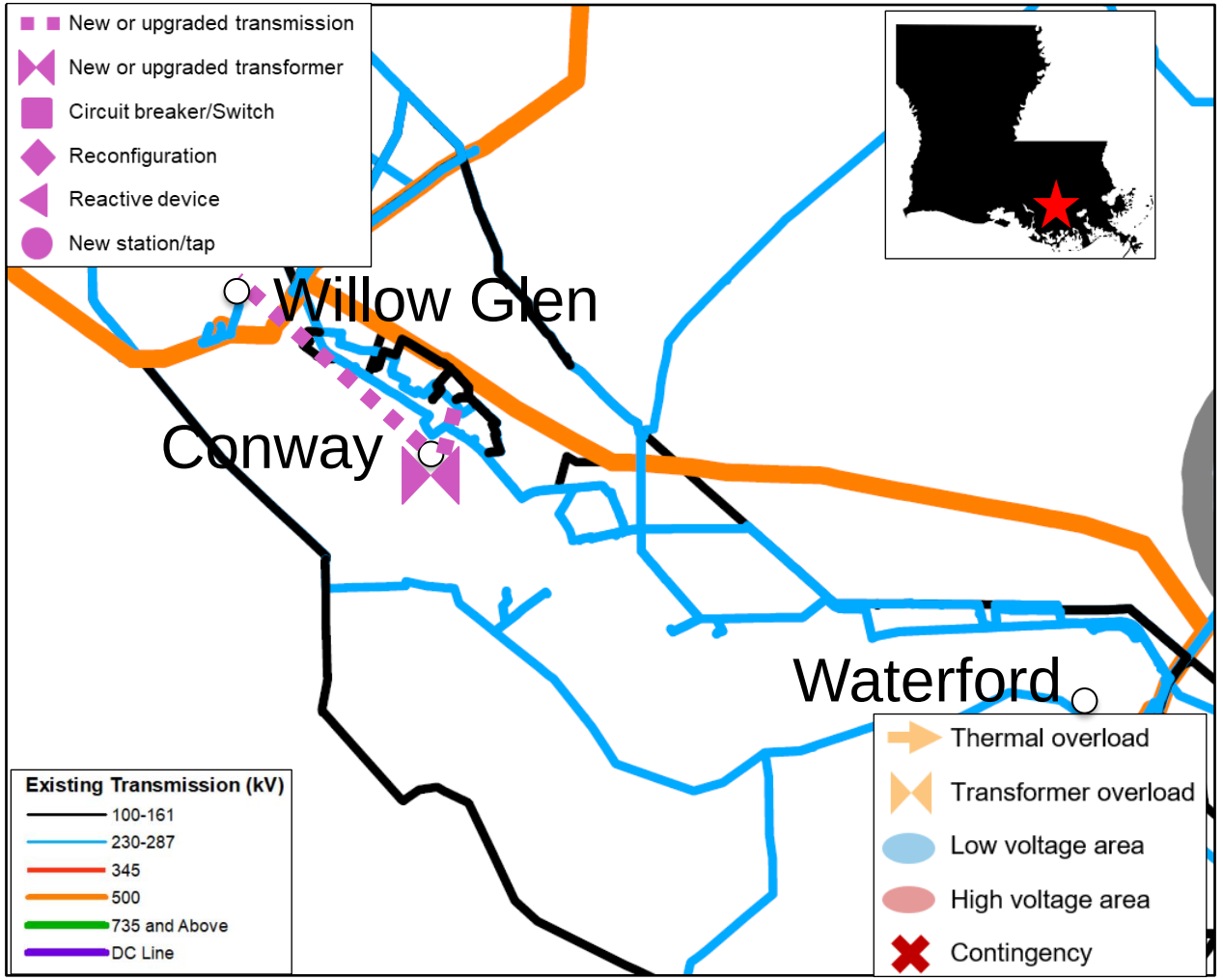
Estimated Cost: $150.7M
Expected ISD: Q2 2027
LPSC Status: Certification proceeding pending (hearing set for Oct. 2025)
Added Import Capability: 500 MW (with Audubon Substation Project)

Project description

- Construction of a new 15-mile 230kV transmission line from the Willow Glen Substation to the Conway Substation
- Construction of new 6-mile 230kV transmission line from Conway Substation to the new Audubon Substation (which substation is currently under construction); and
- Substation upgrades at Willow Glen Substation, Conway Substation and Audubon Substation, including the installation of additional breakers to accommodate the new transmission lines

Project Benefits

- Improved extreme event resilience - Provides an additional hardened path in the Industrial Corridor, that can be useful in restorations during events like a Hurricane.
- Operational flexibility and preparing for future of generation in Amite South - Addressing generation retirements in Amite South/DSG.
- Provides opportunity to reduce radial exposure to industrial customers during outages.
- Meet Local Planning Criteria for load serving capability - Adds an additional source on the east bank of the river to address growing needs of new block load requests. Along with the Audubon Substation Project, increases import capability into Amite South by approximately 500 MW



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Adams Creek to Robert (U-37563)

Approved in MTEP23 in mid-2024

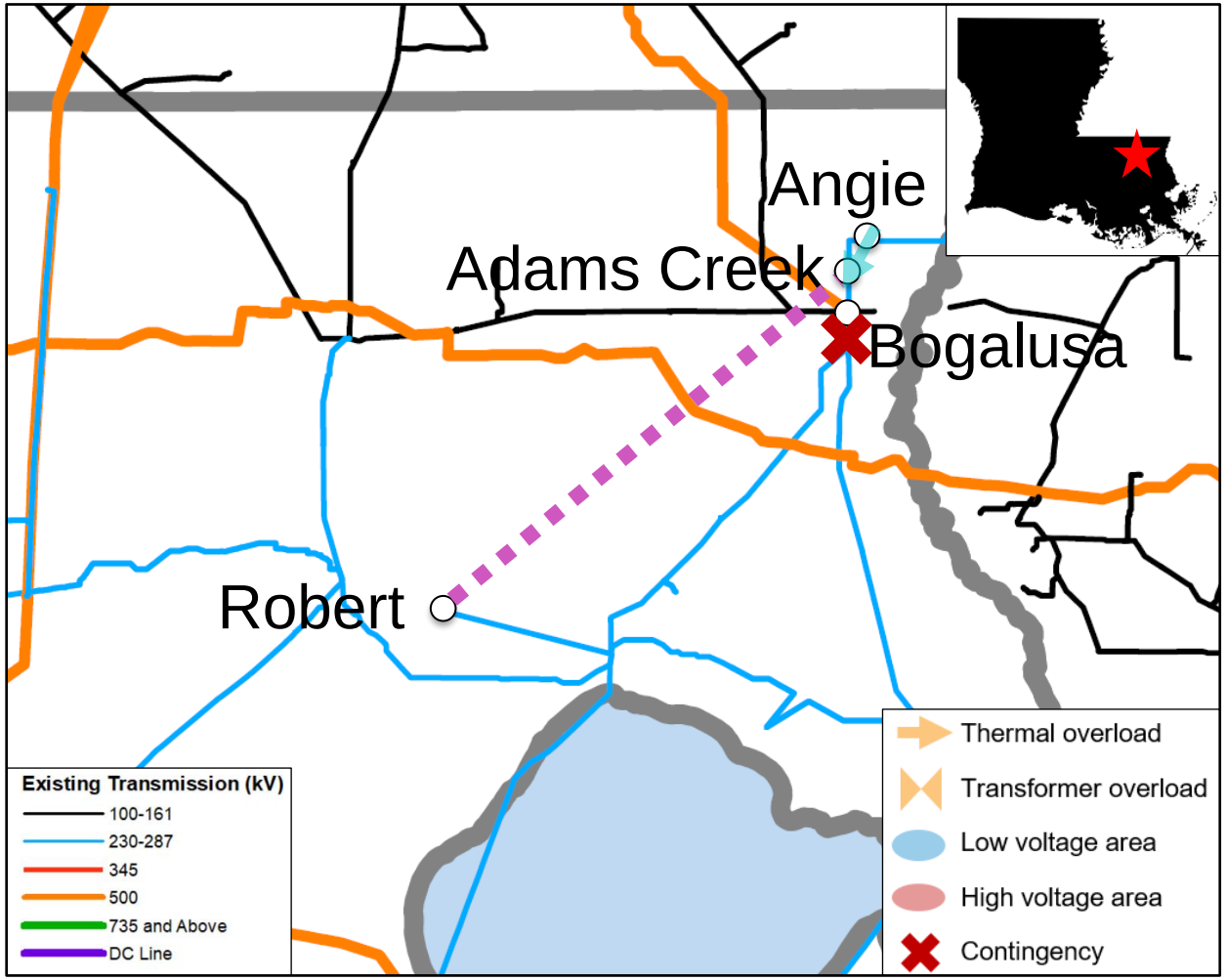
Estimated Cost: $197.7M
Expected ISD: 4Q 2027
LPSC Status: Certification proceeding pending
Added Import Capability: 100 MW

Project description

- Construction of a new 41-mile 230kV transmission line north of Lake Pontchartrain between Adams Creek Substation and Robert Substation
- Substation expansions and upgrades at the Adams Creek Substation, Robert Substation, Fairview Substation, and Madisonville Substation, including the installation of additional breakers to accommodate the new transmission lines

Project Benefits

- Meet Local Planning Criteria for load serving capability - increases import capability into Amite South by approximately 100 MW
- Operational flexibility and preparing for future of generation in Amite South - Addressing generation retirements in Amite South, which could be accelerated by proposed EPA rules
- Improved extreme event resilience - Provides an additional hardened path into Amite South, that can be useful in restorations during Hurricane and other extreme weather events.



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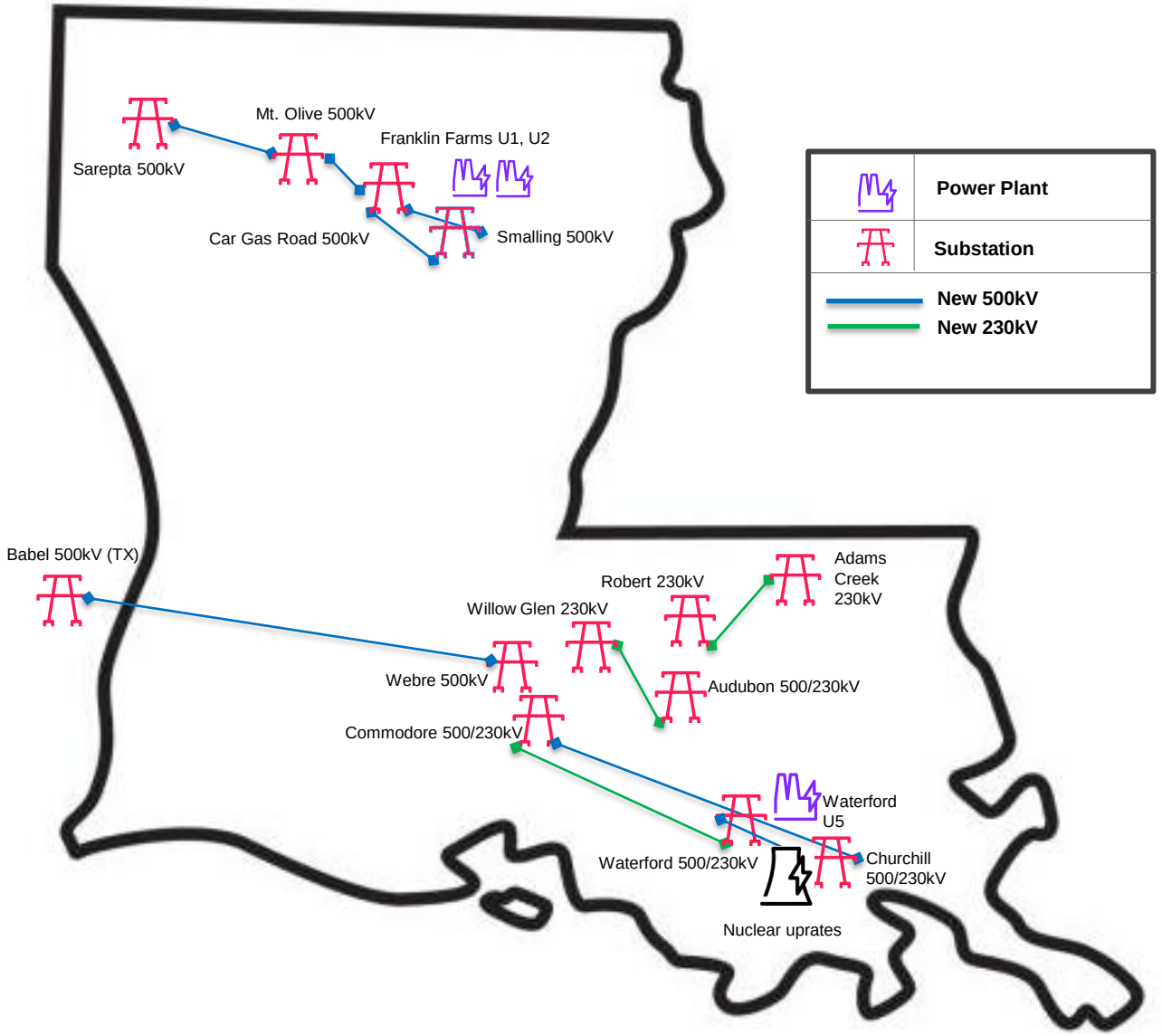
ELL's whole-state supply solution (2025-2029)

On-going Resource RFPs

- Seeking up to 3,000 MW of solar
- Seeking up to 2,000 MW of existing capacity
- Seeking up to 2,000 MW of Developmental CCCT capacity

Demand Response Programs

- Seeking LPSC approval of new demand response programs



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