

# JEFFERSON DAVIS ELECTRIC COOPERATIVE 230KV TLINE SYSTEM LOOP UPGRADE



## PROJECT TYPE

Transmission and  
Distribution

## SCOPE

Upgrade approx. 105  
miles of 230kV T/L with  
UB Distribution on  
several sections.

## LOCATION

Lake Charles, LA

## CLIENT

Jefferson Davis Electric  
Cooperative (JDEC)

## START DATE

July 2023

## COMPLETION DATE

In Progress

Irby is working in collaboration with several Quanta operating units to complete approximately 105 miles of JDEC transmission line that have been damaged from previous storms, the worst of which was Hurricane Laura in August of 2020.

The existing system is a combination of 69kV and 138kV lines that run through two Louisiana parishes. Irby's work will upgrade these lines to a 230kV system to support future growth in these communities.

The on site team is jacking structures at the point of receipt that will then be delivered assembled to the right-of-way. There are more than 1,300 structures to complete.

Crews are also conducting wire stringing operations (both transmission and distribution under build), erecting structures in all marsh areas, and assisting with underground work at three water crossings.

The two biggest challenges on this project have been what crews have unofficially (but appropriately) labeled the two "big Ms" of Louisiana—mud and mosquitoes.

