

HARWOOD-WAELDER 69KV TRANSMISSION LINE UPGRADE PROJECT



PROJECT TYPE

Transmission

SCOPE

Constructed 13.9 miles of 69kV energized transmission line and conductor upgrade.

LOCATION

Harwood, Texas

CLIENT

Lower Colorado River Authority

START DATE

November 2017

COMPLETION DATE

May 2018

The Lower Colorado River Authority ("LCRA") is a nonprofit public utility established to provide quality of life to Texans through water stewardship, energy, and community service.

In November 2017, LCRA contracted Irby to upgrade a 13.9 mile 69kV transmission line between its Harwood and Waelder substations to 138kV capable. The Irby scope included the replacement of 112 structures to complete the conductor upgrade and the installation of OPGW shield wire from Waelder to Flatonia substations.

The Irby upgrades (including foundations, tangents, and dead ends) were performed on energized lines with support from Quanta Energized Services and Probst Electric Company (Both Irby and Probst are Quanta Services companies (PWR:NYSE)). Completed to schedule in May 2018, the project was delivered to budget and with zero lost time incidents.

