

CREZ 345KV TRANSMISSION LINE CONSTRUCTION PROJECTS



PROJECT TYPE

Renewables, Transmission

SCOPE

Constructed approximately 1000 miles of 345kV transmission line for a variety of renewable energy projects in Central Texas.

LOCATION

Central Texas

CLIENTS

Electric Transmission Texas,
Lower Colorado River Authority,
Lone Star Transmission,
Sharyland Utilities, South Texas
Electric Cooperative

START DATE

October 2011

COMPLETION DATE

December 2014

Competitive Renewable Energy Zones ("CREZ") were introduced by the Texas State Legislature in 2005 to alleviate grid congestion and integrate renewable energy resources (primarily wind from rural west Texas) into more heavily populated metropolitan areas (e.g., Austin, Dallas-Fort Worth, San Antonio).

Approximately 2,400 miles of electric transmission line was ordered by the Public Utility Commission of Texas and awarded to 10 CREZ transmission service providers. Irby provided transmission construction services to 5 of those service providers, namely: Electric Transmission Texas, Lower Colorado River Authority, Lone Star Transmission, Sharyland Utilities, and South Texas Electric Cooperative over a 3 year period.

Employing various Quanta network contracting configurations (Irby is a Quanta Services company (PWR:NYSE)), Irby collectively built approximately 1,000 miles of line, the majority of which was 345 kV, with small portions of 138 kV throughout.

