

CREZ 345KV TRANSMISSION PROJECTS



PROJECT TYPE

Transmission

SCOPE

~1,000 miles of 345kV
(with small portions of 138kV)

LOCATION

Central Texas

CLIENTS

- Electric Transmission Texas (ETT)
- Lower Colorado River Authority (LCRA)
- Lone Star Transmission, LLC
- Sharyland Utilities
- South Texas Electric Cooperative (STEC)

START DATE

October 2011

COMPLETION DATE

December 2014

CREZ projects were primarily designed to move electricity generated by renewable energy sources (primarily wind) from remote parts of Texas (i.e., West Texas and the Texas Panhandle) to the more heavily populated areas of Texas (e.g., Austin, Dallas-Fort Worth, San Antonio). Several of these lines provide transmission infrastructure necessary to meet the long-term needs of the growing area west of the I-35 corridor between San Antonio and Killeen.

Approximately 2,400 miles of electric transmission line were ordered by the Public Utility Commission of Texas (PUCT) and awarded to 10 transmission service providers. Irby Construction Company provided transmission construction services to five of those service providers: Electric Transmission Texas, Lower Colorado River Authority, Lone Star Transmission, Sharyland Utilities and South Texas Electric Cooperative. As a prime contractor for several Quanta companies, Irby collectively built ~ 1,000 miles of line.

The majority of the lines were 345kV, with small portions of 138kV throughout the paths.

