

HORSE HOLLOW-KENDALL 345KV TRANSMISSION LINE CONSTRUCTION PROJECT



PROJECT TYPE

Renewables, Transmission

SCOPE

Constructed 235 miles of 345kV and 12 miles of 138kV transmission line in support of a wind farm project in Southcentral Texas.

LOCATION

Brady, Texas

CLIENT

Horse Hollow Generation Tie

START DATE

April 2009

COMPLETION DATE

April 2010

Horse Hollow Wind Energy Center ("HHWEC") is a ~47,000 acre 735.5 MW wind farm situated in Taylor and Nolan Counties, Texas. Built, owned, and operated by NextEra Energy Resources ("NextEra") (via its subsidiaries including Horse Hollow Generation Tie, LLC), the project's 421 turbines are capable of generating enough electricity to power more than 220,600 homes.

In April 2009, Irby was contracted to construct 235 miles of 345kV and 12 miles of 138kV transmission line to deliver power from HHWEC to NextEra's customers in the San Antonio area. Completed ahead of schedule and without incident, Irby acted as the prime contractor for the project on behalf of a consortium of Quanta Services (PWR:NYSE) subsidiary companies including North Houston Pole Line, Dillard Smith, Dashiell Engineering, and Can-Fer Utilities.

In addition to the transmission lines, Irby crews also installed over 600 concrete, steel, and hybrid poles, and strung over 90 miles of bundle conductor for the project. The project was delivered on time and to budget in April 2010.

