

PROJECT PROFILE

Karankawa Wind Farm

LOCATION

Mathis, TX

START DATE

October 2018

END DATE

November 2019



SCOPE

- Civil, foundation, collection, 34.5kV substation, meteorological, and slack span
- Access road construction
- Erection of 124 turbines (114 GE 2.5 and 10 GE 2.3)
- Foundation excavation and backfill
- Installation of turbine foundations
- Tower wiring
- Wind turbine offload
- 5,500 SF pre-engineered metal O&M building with SCADA room
- One meteorological tower

OVERVIEW

The Karankawa Wind Farm is located four miles east of Mathis, Texas in San Patricio/Bee County. Karankawa was very challenging to construct due to such a flat terrain that didn't allow water to drain away from the site, but Wanzek worked extensively with the engineers and designed a wind farm that will last for 25–30 years. This project consists of 124 GE Turbines (114 GE 2.5 and 10 GE 2.3) that span 22,000 acres of pasture and farmland. Karankawa delivers 308 MW of electricity and was completed on time/to the satisfaction of the client and all participating landowners.