

## PROJECT PROFILE

# Aurora/Brule Wind Farm

### LOCATION

White Lake/Kimball, SD

### START DATE

May 2018

### END DATE

September 2018



## SCOPE

- Civil, foundation, collection, two 34.5 kV substations and slack span
- Access road construction
- Erection of 18 GE 2.3 MW WTGs with 80-meter hub height and 116-meter rotor diameter
- Foundation excavation and backfill
- Installation of turbine foundations
- Tower wiring
- Wind turbine trucking and offload
- 5,000 SF pre-engineered metal O&M building with SCADA room

## OVERVIEW

The Aurora/Brule Wind Farm is comprised of two separate wind farms. Aurora/Brule was designed by Westwood Engineering in collaboration with Wanzek Construction and was unique in the fact that it was developed as two separate wind farms only seven miles apart. This was Wanzek's first project where we were contracted to coordinate trucking of turbine components from Garden City, Kansas to the project site; this SOW is typically handled by the turbine supplier and owners. Aurora/Brule consists of 18 GE 2.3 turbines that span across 3,310 acres of pasture and farmland and deliver 41 MW of electricity. The project was completed on time and to the satisfaction of the client and all participating landowners.