Reading
Wind Facility

**Location**
Osage and Lyon Counties, Kansas

**Capacity**
200 MW

**Fuel Resource**
Wind

**Ownership**
Southern Power

Southern Power announced the acquisition of the 200-megawatt (MW) Reading Wind Facility, located in Osage and Lyon Counties, Kansas, in October 2018.

The project was originally developed by RES who will lead the construction of the project alongside Southern Power. The project is expected to break ground in the second quarter of 2019 and is expected to be complete by the second quarter of 2020. Southern Power will operate and maintain the facility upon completion.

Reading is the result of an agreement between Southern Power and Royal Caribbean. It is Southern Power’s first project to be validated as a carbon offset project under the Verified Carbon Standard. Once operational, the facility will produce enough clean energy to offset 10-12 percent of Royal Caribbean’s annual carbon emissions starting in 2020.

**Technology**
Reading is expected to consist of 62 wind turbines manufactured by Siemens Gamesa.

Each turbine is mounted on top of an 80-meter-tall tower and has a 116-meter, three-blade rotor connected to a generator. Multiple wind turbines are electrically connected in parallel to the main power transformer where the energy is converted from 34.5kV to 115kV for interconnection.