

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.

Southern Power, a subsidiary of Southern Company, is a leading U.S. wholesale energy provider meeting the electricity needs of municipalities, electric cooperatives, investor-owned utilities, and commercial and industrial customers. Southern Power and its subsidiaries, some of which are owned in part with various partners, own or operate 49 facilities operating or under construction in 12 states with more than 11,864 MW of generating capacity in Alabama, California, Delaware, Georgia, Kansas, Maine, Nevada, New Mexico, North Carolina, Oklahoma, Texas and Washington.

Southern Company (NYSE: SO) is a leading energy company serving 9 million customers through its subsidiaries. The company provides clean, safe, reliable and affordable energy through electric operating companies in three states, natural gas distribution companies in four states, a competitive generation company serving wholesale customers across America, a leading distributed energy infrastructure company, a fiber optics network and telecommunications services. Southern Company brands are known for excellent customer service, high reliability and affordable prices below the national average. For more than a century, we have been building the future of energy and developing the full portfolio of energy resources, including carbon-free nuclear, advanced carbon capture technologies, natural gas, renewables, energy efficiency and storage technology. Through an industry-leading commitment to innovation and a low-carbon future, Southern Company and its subsidiaries develop the customized energy solutions our customers and communities require to drive growth and prosperity. Our uncompromising values ensure we put the needs of those we serve at the center of everything we do and govern our business to the benefit of our world. Our corporate culture and hiring practices have been recognized nationally by the U.S. Department of Defense, G.I. Jobs magazine, DiversityInc, Black Enterprise, Forbes and the Women's Choice Award. To learn more, visit www.southerncompany.com.