Southern Power announced an agreement in September 2015 to acquire the 151-megawatt (MW) Grant Wind Facility, which was completed in March 2016.

Apex Clean Energy is managing the construction of Grant Wind and manages operations and maintenance of the facility. Infrastructure and Energy Alternatives served as the engineering, procurement and construction contractor. Construction began August 2015, and the plant achieved commercial operation in March 2016.

The electricity and associated renewable energy credits (RECs) generated by the facility are sold under 20-year power purchase agreements with Western Farmers Electric Cooperative, East Texas Electric Cooperative and Northeast Texas Electric Cooperative. The companies have each contracted for approximately 50 MW and have the option to either keep or sell the RECs.

**Technology**

The project utilizes 66 wind turbines manufactured by Siemens Energy Inc. and is capable of generating enough electricity to help meet the energy needs of approximately 50,000 average U.S. homes.

Each turbine is mounted on top of an 80-meter-tall tower and has a 108-meter, three-blade rotor connected to a generator. The AC power from the generator is modulated at 60 hz by a converter. Multiple wind turbines are electrically connected in parallel to the main power transformer where the energy is converted to the appropriate interconnection voltage.

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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.

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