

# Passadumkeag Windpark

**Location**

Penobscott County,  
Maine

**Capacity**

42 MW

**Fuel Resource**

Wind

**Ownership**

Southern Power



Southern Power announced the acquisition of the company's first project in Maine – the 42-megawatt (MW) Passadumkeag Wind Park in Penobscot County – in June 2016.

Quantum Utility Generation developed the project, and EDF Renewable Services will serve as the balance-of-plant operations and maintenance contractor. Construction activities began in 2015, and the plant became operational in the second quarter of 2016.

The majority of the electricity and associated renewable energy credits (RECs) generated by the facility are sold under a 15-year power purchase agreement to Eversource Energy. Southern Power will retain a small percentage of the electricity and RECs generated, which it may keep or sell.

**Technology**

The project consists of 13, V112-3.3 MW wind turbines manufactured by Vestas-American Wind Technology Inc. and is expected to be capable of generating enough electricity to help meet the energy needs of approximately 14,000 average U.S. homes.

Each turbine is mounted on top of an 84-meter-tall tower and will have a 112-meter, three-blade rotor connected to a generator. The AC power from the generator will be modulated at 60 hz by a converter. Multiple wind turbines will be electrically connected in parallel to the main power transformer where the energy will be converted from 34.5kV to 115kV for interconnection.

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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](http://www.southerncompany.com).