

# Glass Sands Wind Facility

**Location**

Murray County,  
Oklahoma

**Capacity**

118 MW

**Fuel Resource**

Wind

**Ownership**

Southern Power



Southern Power announced the acquisition of its 15th wind project and fifth in the state of Oklahoma — the 118-megawatt (MW) Glass Sands Wind Facility from Steelhead Americas in April 2021.

Glass Sands was developed by Steelhead Americas and is expected to utilize 28 wind turbines manufactured by Vestas. Construction is underway, and the project is expected to achieve commercial operation in the fourth quarter of this year. Once operational, the electricity and associated renewable energy credits generated by the facility will be sold under a power purchase agreement with Amazon. With the addition of Glass Sands, Southern Power's wind portfolio consists of more than 2,533 MW of wind generation. Southern Power's wind facilities are a part of the company's 4,928-MW renewable fleet, which consists of 43 solar and wind facilities operating or under construction.

**Technology**

Glass Sands consists of 28 wind turbines manufactured by Vestas.

One of the 28 turbines has a 120 meter hub height and a 110 meter diameter rotor, and 27 turbines have a 120 meter hub height and 150 meter diameter rotors. Multiple wind turbines are electrically connected in parallel to the main power transformer where the energy is converted from 34.5kV to 138kV 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 other energy customers. Southern Power and its subsidiaries, some of which are owned in part with various partners, own or operate 54 facilities operating or under development in 14 states with more than 12,498 MW of generating capacity in Alabama, California, Delaware, Georgia, Kansas, Maine, Nevada, New Mexico, North Carolina, Oklahoma, South Dakota, Texas, Washington and West Virginia.

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.

[southernpowercompany.com](https://www.southernpowercompany.com)