

Beech Ridge II Wind Facility

Location

Greenbrier County,
West Virginia

Capacity

56 MW

Fuel Resource

Wind

Ownership

Southern Power



Southern Power announced the acquisition of its 13th wind project and first in the state of West Virginia — the 56-megawatt (MW) Beech Ridge II Wind Facility from Invenergy in April 2020.

Beech Ridge II was developed by Invenergy. The project achieved commercial operation in April 2020.

The electricity and associated renewable energy credits (RECs) generated by the facility will be sold under a 12-year power purchase agreement.

Technology

Beech Ridge II consists of 20 wind turbines manufactured by GE Renewable Energy.

Two of the 20 turbines have a 90 meter hub height and 116 meter diameter rotors, and 18 turbines will an 88.5 meter hub height and 127 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 own 50 facilities operating or under development in 13 states with more than 11,920 MW of generating capacity in Alabama, California, Delaware, Georgia, Kansas, Maine, Minnesota, Nevada, New Mexico, North Carolina, Oklahoma, Texas, Washington and West Virginia.

Southern Company (NYSE: SO) is a premier energy company serving 9 million customers through its subsidiaries. The company provides clean, safe, reliable and affordable energy through electric operating companies in 3 states, natural gas distribution companies in 4 states, a competitive generation company serving wholesale customers across America, a distributed energy infrastructure company, a fiber optics network and telecommunications services.

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