

Deuel Harvest Wind Farm

Location

Deuel County,
South Dakota

Capacity

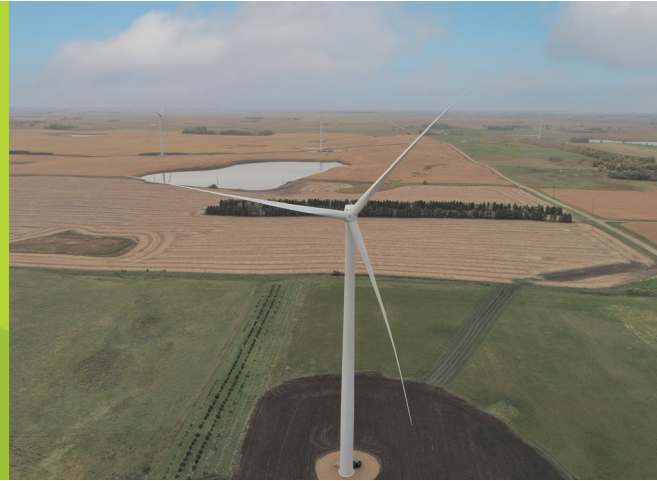
300 MW

Fuel Resource

Wind

Ownership

Southern Power



Southern Power announced the acquisition of its 14th wind project and first in the state of South Dakota — the 300-megawatt (MW) Deuel Harvest Wind Farm from Invenergy in March 2021.

Deuel Harvest was developed by Invenergy. The project achieved commercial operation in Feb 2021. The electricity and associated renewable energy credits (RECs) generated by the facility will be sold under two separate power purchase agreements—a 25-year agreement with Great River Energy, expected to commence January 2023, and a 15-year agreement with Northern States Power Company, a subsidiary of Xcel Energy, expected to commence in October 2021.

Technology

Deuel Harvest consists of 109 wind turbines manufactured by GE Renewable Energy.

Twelve of the 109 turbines have an 80 meter hub height and 116 meter diameter rotors, and 97 turbines will have an 88.6 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 345kV 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.

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