

Wind Power Projects

Duke Energy Renewables



At Duke Energy, we believe generating electricity from renewable resources will play an increasingly important role in the transition to cleaner energy. That's why we're developing innovative renewable power projects to serve communities throughout the United States.

Name/Location	Capacity	In-Service Date	Turbines	Manufacturer	Turbine Capacity	Power Offtake
Sweetwater Nolan County, TX	151 MW	Dec. 2007	216	MHI, Siemens	1.0 - 2.3 MW	CPS, Others
Happy Jack Laramie County, WY	29 MW	Sept. 2008	14	Suzlon	2.1 MW	Cheyenne Light, Fuel & Power
Ocotillo Howard County, TX	59 MW	Nov. 2008	28	Suzlon	2.1 MW	Hedged
Notrees Ector and Winkler Counties, TX	153 MW	Apr. 2009	55 40	Vestas GE	1.65 MW 1.5 MW	Hedged
North Allegheny Blair and Cambria Counties, PA	70 MW	Sept. 2009	35	Gamesa	2 MW	FirstEnergy
Silver Sage Laramie County, WY	42 MW	Oct. 2009	20	Suzlon	2.1 MW	CLF&P, Platte River
Campbell Hill Converse County, WY	99 MW	Dec. 2009	66	GE	1.5 MW	PacifiCorp
Top of the World Converse County, WY	200 MW	Oct. 2010	66 44	GE Siemens	1.5 MW 2.3 MW	PacifiCorp
Kit Carson Kit Carson County, CO	51 MW	Nov. 2010	34	GE	1.5 MW	Tri-State Gen. & Transmission
Shirley Brown County, WI	20 MW	Dec. 2010	8	Nordex	2.5 MW	Wisconsin Public Service Corp.
Cimarron II Gray County, KS	66 MW*	June 2012	57	Siemens	2.3 MW	Kansas City Power & Light
Ironwood Ford County, KS	84 MW*	Aug. 2012	73	Siemens	2.3 MW	Westar Energy
Laurel Hill Lycoming County, PA	69 MW	Oct. 2012	30	Siemens	2.3 MW	Delaware Municipal Electric Corp.
Los Vientos I Willacy County, TX	200 MW	Dec. 2012	87	Siemens	2.3 MW	CPS Energy
Los Vientos II Willacy County, TX	202 MW	Dec. 2012	84	MHI	2.4 MW	Austin Energy
Los Vientos III Starr County, TX	200 MW	Apr. 2015	100	Vestas	2 MW	Austin Energy
Mesquite Creek Borden and Dawson Counties, TX	106 MW*	Apr. 2015	118	GE	1.7 MW	Mars Inc.
Los Vientos V Starr County, TX	110 MW	Dec. 2015	55	Vestas	2 MW	Garland Power & Light, Greenville Electric Utility System and Bryan Texas Utilities

Los Vientos IV Starr County, TX	200 MW	July 2016	100	Vestas	2 MW	Austin Energy
Frontier Kay County, OK	200 MW	Dec. 2016	61	Vestas	3.3 MW	City Utilities of Springfield, MO

Total: 2,311 MW

*Net Duke Energy capacity. Total capacity is 321 MW for Sweetwater IV & V, 131 MW for Cimarron II, 168 MW for Ironwood and 211 MW for Mesquite Creek.

Duke Energy Renewables

Duke Energy Renewables is a leader in developing innovative wind and solar energy generation projects for utilities, electric cooperatives, municipalities, corporations and other large energy customers.

The company has invested more than \$5 billion to grow its utility-scale wind and solar power businesses since 2007. It owns and operates over 2,900 megawatts of renewable generation in more than a dozen states throughout the U.S.

As well as operating its own assets, the business offers operations and maintenance services to third-party renewables operators through Duke Energy Renewable Services. Operations and maintenance of renewables sites is supported by the sophisticated Renewables Control Center in Charlotte, N.C., which uses powerful and secure technology to optimize performance at wind and solar power plants across the country.

Duke Energy Renewables is investing in more than just clean energy. Our wind and solar sites:

- Provide valuable tax revenue year after year to the communities that host our renewable power projects
- Create jobs, particularly during construction
- Provide a steady, supplemental source of revenue for participating landowners
- Help customers meet their renewables mandates or goals with dependable, clean energy

To learn more, visit duke-energy.com/our-company/about-us/businesses/renewable-energy.

Duke Energy is proud to be a member of the American Wind Energy Association.



Notrees Battery Storage Project

Our 36-megawatt Notrees Battery Storage Project is America's largest energy storage facility at a wind farm. Duke Energy matched a \$22 million grant from the U.S. Department of Energy to install large-scale batteries capable of storing electricity produced by our 153-megawatt Notrees wind farm in west Texas. Energy storage systems can be incorporated to act as a buffer between supply and demand to ensure the delivery of electricity to power our everyday lives. Developing an expertise in this advanced technology will help us expand the use of renewable energy, better integrate it into the power grid and become even more efficient at serving our customers.

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