DUKE ENERGY®
SUSTAINABLE SOLUTIONS

Wind Power Projects

Duke Energy Sustainable Solutions

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 Off-Take
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
Notrees Ector and Winkler counties, TX	153 MW	April 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	April 2015	100	Vestas	2 MW	Austin Energy
Mesquite Creek Borden and Dawson counties, TX	106 MW*	April 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

Mesteño Starr County, TX	200 MW	Dec. 2019	56	Vestas	3.6 MW	Hedged
Frontier II Kay County, OK	350 MW	March 2021	74	Nordex	4.8 MW	Ball Corp. (161 MW) AT&T (160 MW)
Maryneal Nolan County, TX	182 MW	June 2021	38	Nordex Accion	4.8 MW	Sprint
Ledyard Kossuth County, IA	207 MW	Dec. 2022	46	Vestas	4.5 MW	Verizon
Total: 2,984 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 Sustainable Solutions

Duke Energy Sustainable Solutions is a nonregulated commercial brand of Duke Energy designed to offer a comprehensive approach to sustainability and resiliency.

The brand connects customers to innovative, sustainable energy infrastructure they need and want today, with forward-thinking solutions to help their businesses operate more reliably, more economically and more sustainably in the future.

As a leader in developing innovative wind and solar energy generation projects for utilities, electric cooperatives, municipalities, corporations and other large energy customers, the company's commercial renewables segment includes utility-scale wind and solar generation assets, distributed solar generation assets, distributed fuel cell assets and battery storage projects across 22 states from 23 wind facilities, 150 solar projects and two battery storage facilities, which will grow to nearly 4,700 by year-end.

As well as operating its own assets, the business offers operations and maintenance services to third-party renewables operators. Operations and maintenance of renewables sites are 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 Sustainable Solutions 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 **SustainableSolutions.duke-energy.com**.

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

Notrees Battery Storage Project

Our 36-megawatt Notrees Battery Storage project is one of America's largest energy storage facilities at a wind site. 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 project in west Texas. Energy storage systems can be incorporated to act as buffers 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.

550 South Tryon Street | Charlotte, NC 28202