



Twin Groves II Wind Farm



Twin Groves II Wind Farm, the second phase of Twin Groves, is also located in eastern McLean County, Illinois. This phase consists of 120 Vestas V82 1.65 MW turbines and has an installed capacity of 198

MW – enough to power approximately 60,000 Illinois homes with clean energy each year. Phase II began commercial operation in early 2008. Exelon Energy purchases the wind farm's energy.

Wheat Field Wind Farm



Wheat Field Wind Farm, which is approximately five miles away from Horizon Wind Energy's Rattlesnake Road Wind Farm in Oregon on nearly 8,500 acres of cultivated wheat fields, began construction in 2008

and achieved commercial operation in April 2009. With 46 Suzlon S88 2.1 MW turbines, the wind farm has an installed capacity of 97 MW – enough to power approximately 30,000 Northwest homes each year. Public Utility District No. 1 of Snohomish County, Washington purchases the clean, renewable energy generated by the wind farm.



What We've Done

Developed and Sold Wind Farms

Name	Capacity (MW)	Location
Wild Horse	229	WA
High Prairie I	99	MN
Mill Run	15	PA
Meyersdale	30	PA
Top of Iowa	80	IA
Somerset	9	PA
Tierras Morenas	24	Costa Rica



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Horizon Wind Energy LLC (“Horizon”) develops, constructs, owns and operates wind farms throughout North America. Based in Houston, Texas with more than 20 offices and over 20 wind farms across the United States, Horizon has developed more than 3,400 megawatts (MW) and operates over 2,700 MW of wind farms. With over 300 employees, Horizon’s highly qualified team has a proven capacity to execute projects and achieve goals.

Horizon is owned by EDP Renováveis S.A. (“EDPR”), a global leader in the renewable energy sector that designs, develops, manages and operates power plants that generate electricity using renewable energy sources. With a sound development pipeline, first class assets and market-leading operating capacity, EDPR has undergone exceptional development in recent years. EDPR operates in the most attractive markets, continuously expanding to new areas of the world. EDPR is currently present in the United States, Portugal, Spain, Belgium, France, Poland, Romania and Brazil. EDPR is headquartered in Madrid, Spain and is listed on the Euronext Lisbon Stock Exchange (NYSE Euronext: EDPR).

Energias de Portugal, S.A. (“EDP”), the parent company of EDPR, is a vertically-integrated utility company, headquartered in Lisbon, Portugal. Through its various constituent businesses, EDP holds significant electricity and gas operations in Europe, Brazil and the United States. For more information, visit www.horizonwind.com and www.edprenovaveis.com.

Blue Canyon I Wind Farm



Blue Canyon I Wind Farm is located on the Slick Hills terrain of southern Oklahoma near the city of Lawton in Caddo and Comanche Counties. With an installed capacity of 74 MW, the wind farm consists of 45 Vestas NM72 1.65 MW turbines. Blue Canyon I began commercial operation in December 2003, and Western Farmers Electric Cooperative purchases the wind farm’s energy.

Blue Canyon II Wind Farm



Blue Canyon II Wind Farm, the second phase of Blue Canyon, is also located in southern Oklahoma. The wind farm has an installed capacity of 151 MW and consists of 84 Vestas V80 1.8 MW turbines. Blue Canyon II

began commercial operation in December 2005, and the Public Service Company of Oklahoma purchases the wind farm’s energy.

Blue Canyon V Wind Farm



Blue Canyon V Wind Farm, the third phase of the Blue Canyon project, is located on the Slick Hills terrain of southwestern Oklahoma near the small towns of Apache in Caddo County and Elgin in Comanche

County. Blue Canyon V has an installed capacity of 99 MW – enough to power approximately 30,000 average Oklahoma homes with clean energy each year. The wind farm, which consists of 66 GE sle 1.5 MW turbines, achieved commercial operation in October 2009. The Public Service Company of Oklahoma, a subsidiary of American Electric Power, purchases electricity produced by Blue Canyon V.

Elkhorn Valley Wind Farm



Elkhorn Valley Wind Farm spreads across the ridges of Pyles Canyon in Union County, Oregon. The site was chosen for its plentiful, steady winds and high-voltage transmission access. The wind farm consists of

61 Vestas V82 1.65 MW turbines and has an installed capacity of 101 MW – enough to power more than 30,000 Oregon homes with clean energy each year. Commercial operation began in the winter of 2007, and Idaho Power buys the wind farm’s green energy.





Lone Star I Wind Farm



Located on approximately 36,000 acres of mesquite-covered Texas land in Shackelford and Callahan Counties, Lone Star I Wind Farm consists of 88 Gamesa G83 2.0 MW turbines and 12 Gamesa G87 2.0

MW turbines. The first phase of the wind farm has an installed capacity of 200 MW – enough to power over 60,000 Texas homes with clean energy each year. The wind farm began commercial operation in December 2007, and Direct Energy purchases its clean energy.

Lone Star II Wind Farm



In Shackelford and Callahan Counties, the second phase of Lone Star Wind Farm has an installed capacity of 200 MW – enough to power over 60,000 Texas homes with clean energy each year. Lone Star II, which began

commercial operation in May 2008, consists of 100 Gamesa G87 2.0 MW turbines. J. Aron, the commodities division of Goldman Sachs, purchases the clean, renewable energy.

Madison Wind Farm



Constructed in 2000, Madison Wind Farm was the first commercial wind farm in New York. Horizon purchased the project in 2005. Madison consists of 7 Vestas V66 1.65 MW turbines and has an installed

capacity of 12 MW – enough to power 3,000 average New York homes with clean energy each year. In addition to generating clean energy, the wind farm has been key in generating interest in wind energy throughout the Northeast United States. The wind farm's electricity flows into the New York energy grid. Renewable energy credits are contracted to the New York Power Authority.

Maple Ridge I Wind Farm



Maple Ridge I Wind Farm, co-developed and co-owned with Iberdrola Renewables, is located about 75 miles northeast of Syracuse, New York. Phase I has an installed capacity of 231 MW – enough to

power approximately 68,000 homes each year. Construction of the 140 Vestas V82 1.65 MW turbines started in May 2005, and commercial operation began in January 2006. The wind farm's electricity flows into the New York energy grid. Renewable energy credits are contracted to the New York State Energy Research and Development Authority.

Maple Ridge II Wind Farm



Maple Ridge II Wind Farm, which was also co-developed and co-owned with Iberdrola Renewables, has an installed capacity of 91 MW – enough to power approximately 27,000 homes each year. Maple Ridge's

second phase consists of 55 Vestas V82 1.65 MW turbines and began commercial operation in late 2006. The wind farm's electricity flows into the New York energy grid. Renewable energy credits are contracted to the New York Power Authority.

Meadow Lake Wind Farm



Meadow Lake Wind Farm is located in northwestern Indiana in White and Benton Counties. Meadow Lake has an installed capacity of 200 MW – enough to power approximately 60,000 average Indiana homes

with clean energy each year. The wind farm, which consists of 121 Vestas V82 1.65 MW turbines, achieved commercial operation in October 2009. The electricity generated by the wind farm is sold into the regional wholesale market. The associated energy credits are used by businesses and organizations to comply with state renewable energy mandates or to voluntarily reduce the environmental impact of their operations.

Meridian Way I Wind Farm



Meridian Way I Wind Farm is located in north central Kansas in Cloud County, eight miles south of Concordia. The wind farm consists of 35 Vestas V90 3.0 MW turbines and has an installed capacity

of 105 MW—enough to power approximately 30,000 Kansas homes each year. Horizon began constructing the wind farm in the spring of 2008, and it achieved commercial operation in December 2008. The Empire District Electric Company purchases the clean, renewable energy generated by the wind farm.

Meridian Way II Wind Farm



Meridian Way II Wind Farm, the second phase of Meridian Way, is also located in north central Kansas in Cloud County. This phase consists of 32 Vestas V90 3.0 MW turbines and has an installed capacity of

96 MW—enough to power approximately 30,000 Kansas homes each year. Meridian Way II achieved commercial operation in December 2008, and Westar Energy purchases the clean, renewable energy generated by the wind farm.

Pioneer Prairie I Wind Farm



Pioneer Prairie I Wind Farm, which is located in northeastern Iowa in Howard and Mitchell Counties, has an installed capacity of 198 MW—enough to power more than 60,000 Iowa homes

annually. Construction of the wind farm's 120 Vestas V82 1.65 MW turbines started in spring 2008 and the wind farm achieved commercial operation in December 2008. The electricity generated by the wind farm is sold into the regional wholesale market. The associated energy credits are used by businesses and organizations to comply with state renewable energy mandates or to voluntarily reduce the environmental impact of their operations.

Pioneer Prairie II Wind Farm



Pioneer Prairie II Wind Farm, the second phase of Pioneer Prairie, is located in Mitchell County, Iowa. With 62 Vestas V82 1.65 MW turbines, the wind farm has an installed capacity of 102 MW. Construction began in

the summer of 2008, and the wind farm achieved commercial operation in January 2009. The clean, renewable electricity generated by the wind farm is sold into the regional wholesale market. AmerenUE purchases the clean renewable energy generated at the wind farm.

Prairie Star Wind Farm



Prairie Star Wind Farm, which began commercial operation in December 2007, is located in southeastern Minnesota, approximately 15 miles east of the town of Austin on gently rolling prairie land in southern

Mower County. Prairie Star has an installed capacity of 101 MW—enough to power approximately 30,000 Minnesota homes with clean energy each year. The wind farm utilizes 61 Vestas V82 1.65 MW turbines. Great River Energy purchases the wind farm's energy.

Rail Splitter Wind Farm



Rail Splitter Wind Farm is located in Tazewell and Logan Counties, Illinois, north of the town of Lincoln, near the towns of Delevan, Hopedale and Emden on a glacial moraine known as Union Ridge. With 67 GE

sle 1.5 MW turbines, the wind farm has an installed capacity of 101 MW—enough to power more than 30,000 average Illinois homes with clean energy each year. The wind farm achieved commercial operation in September 2009. The electricity generated by the wind farm is sold into the regional wholesale market. The associated energy credits are used by businesses and organizations to comply with state renewable energy mandates or to voluntarily reduce the environmental impact of their operations.

Rattlesnake Road Wind Farm



Rattlesnake Road Wind Farm began commercial operation in December 2008 along Oregon's wind-swept banks of the Columbia River west of the City of Arlington in Gilliam County. With 49 Suzlon S88

2.1 MW turbines, Rattlesnake Road has an installed capacity of 103 MW—enough to power approximately 30,000 homes with clean energy each year. Pacific Gas & Electric Company purchases the wind farm's energy.

Top Crop Wind Farm



Top Crop Wind Farm converts the winds that blow over the Illinois Cayuga Ridge into clean electricity. The wind farm is located in parts of Grundy, Livingston and LaSalle Counties. Top Crop has an installed

capacity of 102 MW—enough to power approximately 31,000 average Illinois homes with clean energy each year. Top Crop, which consists of 68 GE sle 1.5 MW turbines, achieved commercial operation in October 2009.

Twin Groves I Wind Farm



Twin Groves I Wind Farm is located in central Illinois outside of Bloomington on two prominent moraines in eastern McLean County. The wind farm consists of 120 Vestas V82 1.65 MW turbines and has an installed

capacity of 198 MW—enough to power approximately 60,000 Illinois homes with clean energy each year. The wind farm obtained commercial operation in June 2007.