

BLUE CREEK Wind Farm

Project Location: Tully, Union, and Hoaglin Townships of Van Wert County, Ohio and Benton, Blue Creek, and Latty Townships of Paulding County, Ohio

Project Status: Expected on-line by 2011

Project Capacity: 350 Megawatts (MW)

Number of Wind Turbines: 175 Gamesa G87 or G90, 2.0 MW wind turbines, made in Pennsylvania

Households Served: Each turbine can produce up to two megawatts or 2,700 horsepower, which is enough to power about 500 average Ohio houses. The total project will power approximately 87,500 homes annually. According to the 2000 census, there are 11,600 households in Van Wert County and 7,700 households in Paulding County.

Technology: The turbines will be on either a 256 foot (78 meter) tower for a total height to the top of the blades of 398 feet, or a 328 foot (100meter) tower for a total height of 476 feet. Each nacelle weighs 85 tons. Each foundation uses about 50 truck-loads of concrete and 45 tons of steel rebar.

Local Economic Benefits: Approximately \$1.1 million in annual lease payments to local landowners, 15-20 new permanent jobs, over 300 construction jobs, local purchase of some supplies and construction materials and local property tax payments.

Energy and Environmental Benefits: Offsets carbon dioxide emissions by approximately 1.3 billion pounds per year. That is the equivalent of planting an estimated 525,000 acres of trees – (Van Wert County and Paulding County combined are 530,000 acres), taking 114,000 cars off the road, or reducing the consumption of over 2.1 million barrels of oil. If electric cars were widely available, this project will produce enough electricity to power 479,000 electric cars for a year.

Homegrown wind power will be another crop from the farm fields of Van Wert and Paulding Counties. Blowing all year long, with a strong yield in winter, it will provide for generations.



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about us

Iberdrola Renewables is the worldwide leader in wind power. With experience in 23 countries and a strategic plan to dramatically expand their portfolio of clean energy supply, the company is uniquely positioned to develop, build and operate energy projects around the world and in your community.

With over 10,000 MW of renewable energy in operation globally, and more than 3,000 MW of that wind power located in the US, Iberdrola Renewables is currently the world's leading provider of wind power. The company is a proven economic engine, directly and indirectly creating 15,000 jobs worldwide in 2008 and investing \$2.2 billion in wind power in the US in 2008, compared to \$1.54 billion in 2007. The company has built its strong position with renewable assets and concentrated growth in the US and Western Europe, becoming the 2nd largest provider of wind power in the US since entering the market in 2006.

Iberdrola Renewables, Inc. enjoys the financial backing of an ultimate international corporate parent, Iberdrola, S.A., Spain's number one energy group and the fourth largest utility company in world by Market Cap, with 33,000 people in more than 40 countries and a 107 year history with roots in hydroelectric. Iberdrola Renewables' parent, Iberdrola Renovables, has the largest renewable asset base and pipeline in the world – over 56,000 MW – 42% of which is located in the US. The company is also focused on developing the next generation of renewable technologies, including offshore wind, solar, biomass and tidal energy.

Iberdrola Renewables wind power projects are part of communities in 20 states, with many more going into construction all the time. The wind energy production from the US assets alone meets the electricity demand of 920,000 typical American homes each year with clean, homegrown electricity.