



The Arrowsmith Wind Farm

Location: About 8 miles east of Central Illinois Regional Airport.

Anticipated Construction Date: 2006/2007.

Construction Time Frame: 6 – 8 months (in two phases).

Approximate Total Project Cost: \$600 million.

Turbine Size: 1.65 MW.

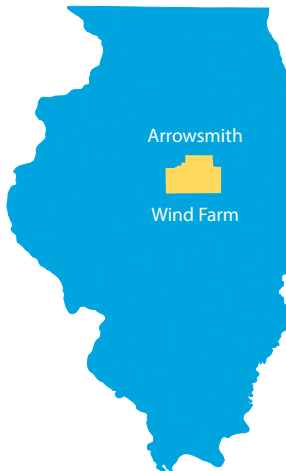
Total Number of Turbines: 243.

Total Project Size (All Phases): 400 MW.

Why McLean County?

McLean County has many advantages as a location for a modern wind power project, including:

- ✓ **A strong, proven wind resource.**
- ✓ **Excellent access to transmission lines.**
- ✓ **Compatibility with existing land uses.**
- ✓ **Proximity to power markets.**



Horizon Wind Energy, formerly Zilkha Renewable Energy, is a Houston-based developer of wind projects. Currently Horizon is operating and developing projects in more than a dozen states. In the past two years, Horizon has built or announced construction of more than 800 megawatts of wind power. Horizon Wind Energy is owned by Goldman Sachs, an investment banking firm. More information is available at:

www.horizonwind.com

For more information, please contact:

Bill Whitlock
Project Development
Manager
bill.whitlock
@horizonwind.com

Horizon Wind Energy
Central Illinois Office
716 E. Empire St.
Suite F
Bloomington, IL 61704
(309) 829-8211

Horizon Wind Energy
Main Office
1001 McKinney
Suite 1740
Houston, TX 77002
Toll-free: (877) 283-9463
Fax: (713) 571-6659
mail@horizonwind.com

www.horizonwind.com



A Computer Visualization of the Wind Farm

Illinois is one of the great wind states, and the Arrowsmith Wind Farm will turn that wind into clean electricity. Horizon Wind Energy has been developing the Arrowsmith project for almost four years, dating from the fall of 2001. Seven meteorological towers have been measuring the wind over the past two years, and it is expected that electricity can be generated well over 91% of the time with minimal disturbance to the surrounding communities and wildlife.

The Arrowsmith Wind Farm will produce as much as 400 megawatts of affordable electricity when all phases of construction are complete. That's enough energy to meet the annual power needs of approximately 120,000 homes. In addition to power generation, the Arrowsmith project brings new jobs and tax revenues to the surrounding areas.

Arrowsmith Wind Farm

Q. How do wind farms affect property values?

A. Wind energy is clean, safe, and highly compatible with agricultural and ranching activities.

Research in the U.S. and Europe has revealed that the more people are familiar with wind farms, the more supportive they are of wind farms.

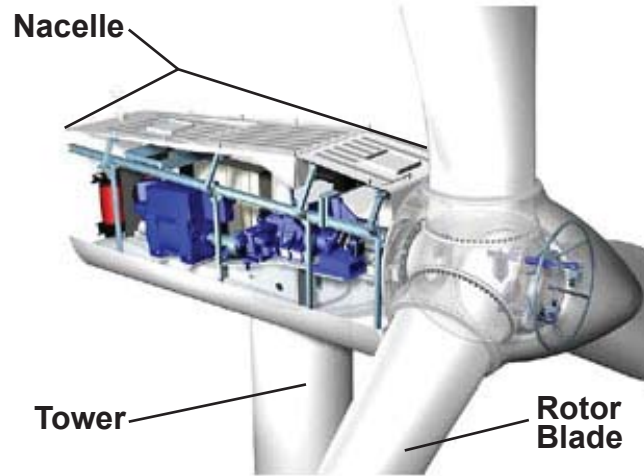
A nationwide survey of tax assessors in areas with wind farms concluded that there is no evidence of decreasing property values.

Wind Energy Has Come of Age

Wind energy, actually an indirect form of solar energy, is created mainly by temperature differences on the earth's surface caused by sunlight. Uneven warming of the atmosphere results in rising and circulating air currents, in other words -- wind.

Wind turbines collect kinetic energy from the wind, driving a generator and producing electricity. Wind turbines are placed at the top of towers, where the wind blows harder and more steadily. The longer the blades and the faster and more constant the wind speed, the more electricity the turbines generate.

Throughout the United States, wind power is now being used to produce commercial quantities of electricity without the emission of global warming gases. As a clean technology, renewable wind power offers the promise of meeting our energy needs and reducing smog, acid rain, and global warming pollution, while also strengthening our economy.



The Modern Wind Turbine

Modern wind turbine generators are robust, sophisticated, high-tech machines designed to convert the power of wind into electricity.

Main Components: The tower, the nacelle (which houses the generator, transmitter, and electronic components), and the rotor.

Tower Height: 263 feet.

Rotor Blade Length: 135 feet.

Rotor Blade Speed: 20 RPM.

How Electricity Leaves the Turbine and Brings Us Power: Electricity from each turbine's generator is fed through power cables that ultimately connect to the wind power plant's substation and into the main utility grid, supplying power to our towns and cities. Sophisticated computer control systems run constantly to ensure that the machines are operating efficiently and safely.

Q. Are wind turbines noisy?

A. No. Large modern wind turbines are relatively quiet. At distances of more than 1000 feet, the swishing sounds of rotor blades are masked by the noise of the wind itself.

Q. Is wind energy reliable?

A. The turbines are "parked" when the wind is calm. Sophisticated wind analyses estimate when and how fast the wind will blow on average during the day and the seasons of the year. We have completed wind studies throughout the project area to determine its specific wind pattern.

Q. Do the turbines affect wildlife?

A. Nationally recognized bird experts have already conducted studies on the Arrowsmith site. Based on what is known about avian risk factors at wind power plants in North America and Europe, the types of bird species and numbers of birds that frequent the project site are not likely to be at significant risk.

