



Welcome to Steel Winds

Turning the Rust Belt into the Wind Belt

Not long ago, the winds of Lackawanna and Hamburg swept aimlessly through the desolate terrain of an abandoned steel mill on the U.S. shore of Lake Erie. Today, the power of those winds is being harnessed and shared, providing clean electric energy to western New York through the Steel Winds wind energy generation facility. Steel Winds is a source of great pride in the Lackawanna community, a symbol of economic rebirth as well as greater energy independence for America. In 2011, the project is growing. Construction of Steel Winds II is starting.



Steel Winds I Is:

- > Steel Wind I is leading the way on the Lackawanna waterfront, transforming a forgotten industrial expanse into a progressive energy landscape.
- > The first wind power site on the U.S. shore of Lake Erie.
- > Contributing voluntary payments to Lackawanna and creating local employment opportunities.
- > Comprised of 8 state-of-the-art 2.5 megawatt (MW) Clipper Liberty wind turbines generating over 50 million kilowatt-hours (kWh) of clean, renewable energy each year, enough to power 9,000 New York homes.*
- > Helping New York State meet its goal of 25% renewable energy sources by 2013.

Steel Winds II Is:

- > Starting construction of the project in 2011.
- > Featuring 6 more than 2.5 MW Clipper Liberty turbines.
- > Will power about 6,000 NY homes.
- > Features four turbines in the town of Hamburg, and two additional turbines in Lackawanna.
- > Will provide an average of about \$190,000 in annual tax revenues to local communities and school districts.
- > Is expected to be built and online by early 2012.

Good for The Western New York Economy and the Lake Erie Region's Environment.

Steel Winds generates power without creating emissions that lead to global warming and other environmental problems without burdening the economy. In fact, Steel Winds delivers a broad range of local economic benefits, not only advancing the future of energy, but moving the local cities of Lackawanna and Hamburg forward as well.

Economic Benefits

- > \$100,000 in voluntary payments contributed to the cities of Hamburg and Lackawanna's general fund, provided on an annual basis.
- > Significant new revenue that enables Lackawanna to maintain a solid economic foundation.
- > Potential to enhance local tourism due to the transformation of an abandoned steel production site into a state-of-the-art wind farm.

Environmental Benefits of Steel Winds I & II

- > Construction included cleanup of former toxic waste site, involving more than 30 acres of new, clean soil cover and revegetation of the site.
- > Electric power production at Steel Winds I results in zero air or water emissions.
- > A traditional fossil-fueled facility in New York producing an equivalent amount of electric energy would consume over 115,000 barrels of oil or over 32,000 tons of coal per year.**
- > The reduction of fossil fuels burned is eliminating the emission of approximately 23,000 tons of CO₂ (a greenhouse gas) annually into our atmosphere.***

To learn more about the Steel Winds project, watch our video today at www.firstwind.com/mediacenter#278



About First Wind

First Wind is an independent North American wind energy company focused exclusively on the development, ownership and operation of wind energy projects.

* Based on data recently published by the Energy Information Administration (EIA).

** Based on data recently published by the Emissions and Generation Resource Integrated Database (E-GRID) for traditional New England sources producing an equivalent annual amount of electric energy in April 2007.

*** Based on data recently published by the Emissions and Generation Resource Integrated Database (E-GRID) for Sub Region Emission Rates in April 2007.

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