



Success Stories



Project Details:

Location:

803 Lime City Road
Rossford, OH 43460

Project Contact:

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Technologies:

100 kW wind turbine

Funding Source:

American Recovery and Reinvestment Act –
State Energy Program

Incentives:

\$420,000

Total Project Costs:

\$1,931,252

Energy Impacts:

- 33 percent reduction in electric use
- Offsets more than 120,000 kWh of electricity annually

Economic Impacts:

- Saving more than \$14,500 in energy costs per year
- Jobs created or retained: 8 FTE's*

Environmental Impacts:

- Reduces CO₂ emissions by more than 180,000 pounds per year, which is equivalent to taking 16 cars off the road.

*Job creation numbers are based on direct jobs created or retained using Full-Time Equivalent (FTE) hours.

Toledo Electrical Joint Apprenticeship & Training Committee



Background:

The Toledo Electrical Joint Apprenticeship & Training Committee provides training for individuals interested in working in the electrical field. The training program allows recent high school graduates to immediately enter the workforce after completing training and apprenticeships.

Challenge:

Part of the Toledo Electrical Joint Apprenticeship & Training Committee's responsibility includes ensuring the students are exposed to the latest technology and methods. As wind energy is gaining use in Ohio, there is a need for wind energy technicians. The Committee decided to install a wind turbine for educational purposes as well as an energy source for the facility.



Solution:

A 100 kW wind turbine was installed at the facility and is expected to offset 33 percent of the electricity costs. A nacelle also was placed at ground level as an instructional tool to the 1,000 students at the center. Education of Toledo-area electrical technicians will equip the region with a workforce that can install and maintain wind turbines, enabling a smooth transition as wind energy grows in Ohio.

"Our able and skilled workforce is certainly capable of re-tooling and becoming adept in 'green' manufacturing processes. The training opportunities the wind turbine could provide would result in the education and certification, which in turn, would enable all of Wood County to better attract 'green' manufacturers and further economic development opportunities within our area."

-Edward Ciecka, City Administrator, City of Rossford



Department of
Development

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