



Pennsylvania Wind for Schools Program

www.wind.psu.edu/wfs

- Is your school interested in providing a hands-on, minds-on relevant wind energy opportunity for your students?
- Does your school desire to excite students about science and possible careers related to this industry?

If so, you may be interested in applying for the Wind for Schools program.



What is it?

Penn State is home to the Wind Application Center (WAC) for Pennsylvania. The WAC supports the Wind for Schools program. Wind for Schools works with selected schools to raise funding for and install a small (2 kW) wind turbine. Penn State students and faculty assist in the assessment, design, and installation of the wind systems and act as consultants. Teacher training and hands-on curricula will bring the wind turbine into the classroom through interactive, and interschool, wind-related activities.

Are there costs involved?

The standard system consists of a Southwest Windpower SkyStream 3.7 wind turbine on a 55-ft monopole tower. An installed system will cost approximately \$25,000, depending on the specific installation site. The host school may provide a portion of the funding, and the WAC assists with applying for grants and finding in-kind donations for the balance.

When can my school apply?

An application period will be open on an annual basis due in January. You can contact Leah Bug (below) to be placed on the Pennsylvania Wind for Schools list serve or monitor the website noted above to note when the applications are available.

Who is supporting this program?

The Wind Powering America Program and the National Renewable Energy Laboratory (NREL), both in the U.S. Department of Energy's (DOE's) Energy Efficiency and Renewable Energy Office, sponsor the National Wind for Schools program (http://www.windpoweringamerica.gov/schools_wfs_project.asp).

For more information or funding opportunities, contact:

Dr. Susan W. Stewart

WfS Director

Aerospace Engineering & Architectural Engineering

814-863-0138

[sstewart@psu.edu](mailto:ssewart@psu.edu)

Leah Bug, M.Ed.

WfS State Facilitator

Center for Science and the Schools

814-865-8397

leahbug@psu.edu