

Micro Wind at Mt. Nittany Elementary School

State College, PA 16801 | Skystream 3.7 | 2.1 kW on 55 foot tower



Photo Credit: Susan Stewart, PSU

Under the DOE-funded Wind for Schools program, with community support, Pennsylvania State University (PSU) installed a grid-connected Skystream 3.7 wind turbine at Mt. Nittany Elementary School in State College, PA. The American made and engineered turbine supplies electricity to the school and the Penn State grid, as well as serving as a research resource for PSU.

Created for smaller applications, the Skystream 3.7 is a compact, turnkey wind turbine designed to provide energy quietly and even in low wind areas.

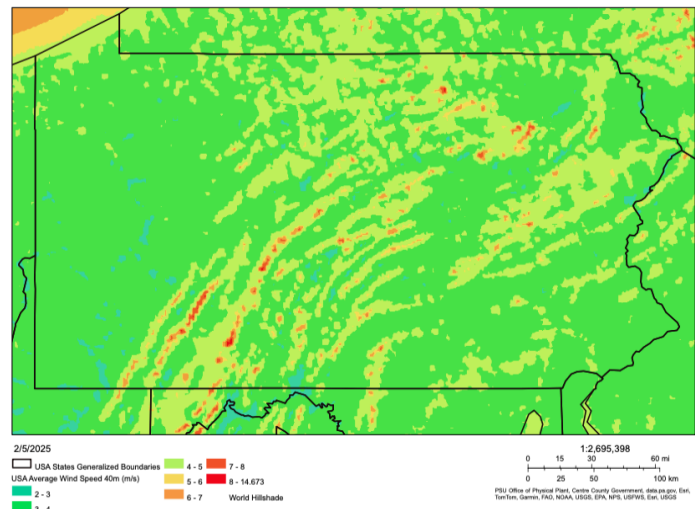
Key Findings

- Produces ~ 1,000 kWh annually
- Provides ~ \$200 annual electricity cost savings
- Installed as part of the PA Wind for Schools program

Impact

- Showcases community support for wind energy
- Demonstrates suitability of wind energy in rural educational applications

Pennsylvania - Annual Average Wind Speed



More than 200,000 PA properties have wind resources suitable for distributed wind, with a combined technical potential of 2.7 GW, per NREL

Want further information? Please see: www.AgWindEnergy.org or www.DistributedWind.org