



Fayette County Area Vocational Technical School

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PRESS RELEASE

Fayette County A.V.T. S.'s Newest Student Resource



Small wind turbines are electric generators that utilize wind energy to produce clean, emissions-free power for individual homes, farms, and small businesses. With this simple and increasingly popular technology, individuals can generate their own power and cut their energy bills while helping to protect the environment. The U.S. leads the world in the production of small wind turbines, which are defined as having rated capacities of 100 kilowatts and less, and the market is expected to continue strong growth through the next decade. (<http://awea.org/smallwind/>)

The Fayette County Area Vocational Technical School has been providing the local community with highly skilled workers since 1965. In a effort to continue providing relevant and necessary skills to our students and community The Fayette County Area Vo-Tech has invested in the future of energy. The curriculum of the Electrical Construction shop will now include learning about alternative energy sources via the wind turbine which, has recently been erected on the school grounds. The wind turbine is a "Skystream 3.7, developed by Southwest Windpower in collaboration with the Department of Energy's National Renewable Energy Laboratory (NREL), is the newest generator in residential wind technology" according to the Southwest Windpower, Inc. website. The tenth through eleventh graders from the Electrical Construction shop now have the opportunity to learn from and about the wind turbine's ability to produce renewable energy.

On February 20, 2009 at 9:00am the F.C.A.V.T.S. will cut the ribbon for the newly installed wind turbine, the genesis of the F.C.A.V.T.S. alternative energy program.

Description:

The Wind Turbine was assembled by the Electrical and Building Construction Program students under the direction of Mr. Lawrence Rossi and Mr. Gerald Petrucci, with assistance from Mr. Fred Oravets, Welding Instructor, and Mr. Terrence Motchar, Masonry Instructor. We would also like to thank the following individuals and local companies for their assistance with this project: Bret Swaney, Pine Hollow Mechanical; Seiler Excavating; Todd Casteel, Casteel Electric; Dennis Lumber and Concrete Company, and Allegheny Power – Uniontown.

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