

Wind Power Systems (WPS) is developing a low cost, alternative energy vortex field vertical axis wind turbine (VFWT) for residential and commercial use.

The earth friendly low wind turbine is capable of producing renewable and consistent energy with as little as 3 mph of light wind.

Over 98 percent of the US has average sustained winds that equal to or are above 3 mph.

The initial target market is residential / commercial due to the general acceptance of the value proposition and immediate ROI.

The industrial, agricultural, military, marine, and recreational markets will follow by a simple adjustment of the value proposition and ROI.

WPS patents are currently pending.

The WPS residential and commercial systems are compact for rooftop or pole mounted installation and are inexpensive to produce, transport and install, thus eliminating many of the challenges of traditional turbines.

The technology can also be immediately deployed by the marine industry to reduce transportation costs and the use of diesel fuel.

Individual residential / commercial systems have a capability output of between 3kW to 10kW at a given moment. The WPS vortex field wind turbine quietly converts the kinetic energy in the wind into electricity to be used in a facility's electrical system.

A typical facility application is served concurrently by our wind turbine and a local utility. If the wind speeds are below the cut in speed of the wind turbine there will be no output from the system and all of the power required is purchased from the utility. As wind speeds increase, the wind turbine output increases and the amount of power purchased from the utility is proportionately decreased. When the wind turbine produces more power than the facility requires, the meter spins backwards a credit that can be used later.

The limited competition has been successful in representing their products in the rapidly emerging market, but they have only tapped the 'tip of the iceberg' and do not have WPS's wind turbines capabilities.

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