

Title: What does a wind turbine power plant do

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The workings of a wind turbine are much different, except that instead of using a fossil fuel heat to boil water and generate steam, the wind is used to directly spin the turbine blades to get the generator ...

Wind turbines work on a simple principle: instead of using electricity to make wind--like a fan--wind turbines use wind to make electricity. Wind turns the propeller-like blades of a turbine around a rotor, ...

Wind turbines are an increasingly important source of intermittent renewable energy, and are used in many countries to lower energy costs and reduce reliance on fossil fuels.

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power our homes and businesses. They can be stand-alone, supplying just one or a very ...

When wind blows past a plane"s wings, it moves them upward with a force we call lift; when it blows past a turbine"s blades, it spins them around instead. The wind loses some of its ...

**WHAT IS A WIND TURBINE?** A wind turbine is a machine that converts kinetic energy from the wind into electricity.

Wind turbines can turn the power of wind into the electricity we all use to power our homes and businesses. They can be stand-alone, supplying just one or a very small number of homes or ...

**Wind turbine operation and purpose:** Wind turbines convert wind into electricity by propelling turbine blades to rotate, which then powers a generator to produce electricity.

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