

# Wind turbines bring wind

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In the U.S. 8% of our energy generating capacity comes from wind turbines--that's more than any other renewable resource--and wind power has ...

Wind turbines use blades to collect the wind's kinetic energy. Wind flows over the blades creating lift (similar to the effect on airplane wings), which causes the blades to turn.

That's wind! Once gusts reach about seven to eleven mph, the rotor of a wind turbine can capture the wind's kinetic energy.

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

Because power is proportional to the cube of wind speed, a small increase in wind velocity yields a much larger increase in power output. This is why turbines are designed with tall ...

Pattern Energy's SunZia Wind and Transmission, the largest wind energy project in the U.S., is expected to come online in 2026, sending power ...

See how wind turbines generate clean electricity from the power of the wind. Highlighted are the various parts and mechanisms of a modern wind ...

A simple explanation of how wind turbines generate electric power, including a comparison of full-size and micro turbines.

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