

How does a wind power station generate electricity

Kindergarten



Overview

Have you ever flown a kite and felt the wind tugging it higher into the sky?

That same power can be used to create electricity! Wind turbines are tall towers with blades that spin when the wind blows.

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Alliant Energy Kids

When the wind turns the blades of a windmill, it spins a turbine inside a small generator to produce electricity. The electricity is sent through transmission and distribution lines to a substation, then on

Environment for Kids: Wind Power

In order to make electricity from wind, energy companies use large windmills called wind turbines. They are called this because they use turbine generators to generate the electricity.



My Green Planet

Learn how wind turbines work and explore the different types of wind energy, from small turbines to massive offshore wind farms. This site includes lots of cool facts about wind power and its impact on

[Turning wind into energy: A kids' guide to wind power](#)

Wind turbines are tall towers with blades that spin when the wind blows. Inside the turbine, the spinning blades turn a generator, which makes electricity. You can learn more about wind



Wind Turbine Project for Kids



Wind power Facts for Kids

Wind power is all about using the energy from the wind to do useful things. Long ago, people used wind to power sails on ships, turn windmills to grind grain, and

Discover how a wind turbine works, then build a simple wind turbine project with your students. This is a fantastic science fair project.

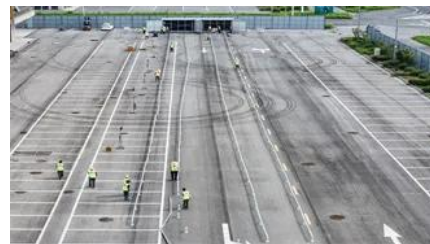


[How Does Wind Energy Work? Educational Wind Power Workbook](#)

Want to explore wind power and learn how wind energy works with kids? Try this simple wind STEM experiment, one of many activities included in our 60+ page Wind Power Workbook For

wind power

When wind causes the blades to spin, they turn the shaft. The turning shaft provides power to a machine called a generator, which produces electricity. A group of wind turbines, called a wind farm, can be



[Wind Energy Magic: How Gentle Breeze Powers Our World](#)

Join us on an adventure to discover how a simple gust of wind transforms into electricity that can turn on your lights, power your computer, and even charge your family's electric car!

How Do Wind Turbines Work?

This mechanical power can be used for specific tasks (such as grinding grain or pumping water) or a generator can convert this mechanical power into electricity. A wind turbine turns wind energy into



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<https://www.kephamatraining.co.za>