



Wind Turbines

1) What is the most popular form of wind turbine for generating electricity?

2) Sketch two different types of turbines.

3) Describe a use for wind turbines, other than generating electricity.

4) What happens when a magnet and a coil of wire move closely together?

5) A direct current of electricity travels in one direction along a wire. What do we call a current that constantly changes from one direction to another?

6) Does a generator create energy? Briefly explain.

PROJECT: Find some pictures of the large generators that are used in electricity generating plants. Ask a parent or adult friend to show you the generator (also called an alternator) under the hood of the family car. If you know someone that works in a garage or auto repair shop, ask if they have an old one that you can use to take apart. Check out all the coils and magnets.