

Energy transformations: Wind power

Power Smart for Schools

Name: _____

Date: _____

1. Describe (or draw) places that might be good sites for wind power.

2. Three forms of energy are involved when a wind turbine makes electricity—electrical energy, kinetic energy and mechanical energy. Label each energy type.

Moving air

Turbine blades spin

Electromagnetic generator
creates electricity

3. List advantages and challenges of using wind turbines to create electricity. Can you think of others that weren't listed in the video?

Advantages	Challenges