

Name: _____ Date: _____ Class: _____

Wind Turbines Pre-Quiz **Answer Key**

In a few words:

1. Give your best description of what energy is.

Energy quantifies how much work an object is capable of doing.

2. Give an example of how you use energy every day.

- **Turning on a light.**
- **Powering up or recharging electronics.**
- **Driving in a gasoline-powered car or bus.**

3. Give an example of anything that you consider an energy source.

Examples: Sun, water, wind, biomass and fossil fuels.

4. What is renewable energy?

Energy that is easily replenishable.

5. What is nonrenewable energy?

Energy that is not easily replenishable.

6. What is a wind turbine and why is it important?

A wind turbine is device that captures the wind's kinetic energy (energy in motion) and transforms it into electrical energy that can be used as electricity.