

Name \_\_\_\_\_

## Powering The Planet

**Directions:** Read each description carefully. Then, match the correct type of renewable energy: **wind (W)**, **hydro (H)**, or **solar (S)**, to the example or definition. Write the name of the energy type after each sentence.

1. \_\_\_\_ Giant turbines spin on open fields, turning moving air into electricity.
2. \_\_\_\_ Dams collect water that rushes through turbines to make power.
3. \_\_\_\_ This energy comes from sunlight and is captured by panels on rooftops.
4. \_\_\_\_ A river's steady current helps power nearby towns.
5. \_\_\_\_ Bright desert sunlight fuels large panels that power thousands of homes.
6. \_\_\_\_ This energy source depends on air movement caused by Earth's temperature changes.
7. \_\_\_\_ Flowing water, like that in waterfalls, can spin wheels that create energy.
8. \_\_\_\_ Homes use panels that store sunlight during the day to light rooms at night.
9. \_\_\_\_ Large white blades spin high above the ground to harness moving air.
10. \_\_\_\_ The energy type that relies on nature's endless cycle of rain and rivers.

