



**STUDENT WORKSHEET**

**Renewable Energy**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. Concentrated solar power can be used on rooftops to supply hot water for individual buildings and also to \_\_\_\_\_

2. Describe the difference between traditional hydropower and new hydropower.

\_\_\_\_\_  
\_\_\_\_\_

3. List two ways that the ocean's energy can be used to generate electricity.

\_\_\_\_\_  
\_\_\_\_\_

4. Geothermal energy comes from \_\_\_\_\_ deep inside the earth.

5. Which type of alternative energy is projected to power about 20 percent of all electricity in the U.S. by 2030?

\_\_\_\_\_

6. Biomass, which includes energy crops and methane gas produced from decay in landfills, must be \_\_\_\_\_ in order to turn a turbine and generate electricity.