

**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.