

**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% 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.