

Name _____

Powering the World

Multiple Choice Questions

1. What is the primary source of heat used in thermal power plants?
 - a) Wind
 - b) Solar energy
 - c) Fossil fuels
 - d) Geothermal heat

2. Which power generation method relies on the kinetic energy of flowing water?
 - a) Wind power
 - b) Solar power
 - c) Hydropower
 - d) Tidal power

3. How do wind power plants generate electricity?
 - a) By burning fossil fuels
 - b) By capturing and converting sunlight
 - c) By harnessing the force of the wind
 - d) By using geothermal heat

4. What is the primary source of energy for geothermal power plants?
 - a) Nuclear reactions
 - b) Ocean tides
 - c) Solar panels
 - d) Underground hot reservoirs

5. Which power generation method relies on controlled nuclear reactions?
 - a) Biomass power
 - b) Geothermal power
 - c) Nuclear power
 - d) Wave power

