

*Instructions: select renewable or nonrenewable for each energy resource.*

wind	natural gas	petroleum	cow manure
_____	_____	_____	_____
water	plutonium	Earth's internal heat	hay
_____	_____	_____	_____
the Sun	coal	plutonium	biomass
_____	_____	_____	_____

*Instructions: Select a, b, or c from the drop down boxes.*

- What do nuclear power plants do?
  - They transform nuclear energy into chemical energy.
  - They transform nuclear energy into electrical energy.
  - They transform nuclear energy into thermal energy.
- What do geothermal power plants do?
  - They transform geothermal energy into chemical energy.
  - They transform geothermal energy into nuclear energy.
  - They transform geothermal energy into electrical energy.
- What type of energy does wind have?
  - Mechanical
  - Chemical
  - Both a. and b.
- Non-renewable energy sources are consumed \_\_\_\_\_ than they can be replenished.
  - as fast as
  - faster
  - slower
- What type of energy does biomass have?
  - Mechanical
  - Chemical
  - Geothermal
- What do solar panels do?
  - Trap chemical and thermal energy from sunlight and transform it into electrical energy.
  - Trap geothermal energy from sunlight and transform it into electrical energy.
  - Trap light and thermal energy from sunlight and transform it into electrical energy.
- What do hydroelectric power plants do?
  - Transform water energy into electrical energy.
  - Transform mechanical energy into electrical energy.
  - Transform water into electrical energy.