

9| Energy and electricity

complete the sentence

Science Interactive LTD, PO BOX 50764 LONDON NW6 9AT email: sales@science-interactive.co.uk

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Place the right word or words to complete the sentence:

 [Click mouse to reveal answer](#)

voltmeter

high

energy

wave

drive

chemical

converts

coal

motor

- a) We use a _____ to measure the potential difference across a component.
- b) A cell or battery converts stored _____ energy into electrical energy.
- c) Fossil fuels like _____ and gas are a store of chemical energy.
- d) A _____ converts electrical energy into kinetic, heat and sound energy.
- e) A bulb _____ electrical energy into heat and light energy.
- f) A _____ potential difference means that a lot of energy is transferred to a device.
- g) Energy efficient light bulbs reduce our demand for _____ .
- h) Renewable energy resources like _____ power can be used to generate electricity.
- i) Steam's kinetic energy is used to _____ a turbine generator, which then produces electricity.

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motor

- a) We use a voltmeter to measure the potential difference across a component.
- b) A cell or battery converts stored chemical energy into electrical energy.
- c) Fossil fuels like coal and gas are a store of chemical energy.
- d) A motor converts electrical energy into kinetic, heat and sound energy.
- e) A bulb converts electrical energy into heat and light energy.
- f) A high potential difference means that a lot of energy is transferred to a device.
- g) Energy efficient light bulbs reduce our demand for energy.
- h) Renewable energy resources like wave power can be used to generate electricity.
- i) Steam's kinetic energy is used to drive a turbine generator, which then produces electricity.