

Fossil fuels



Coal, oil or gas is burnt to heat water. This steam turns a turbine, which turns a generator to make electricity.

Hydro-electric



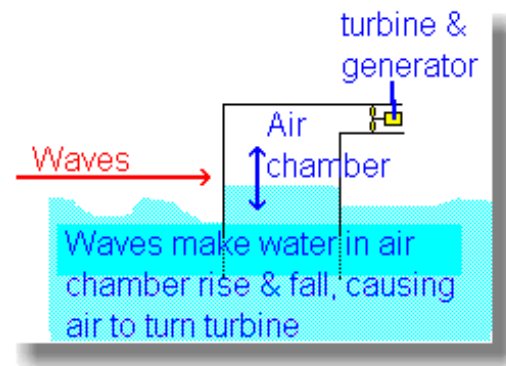
Water is stored by a dam. It flows downhill through a turbine, which is connected to a generator to make electricity.

Wind



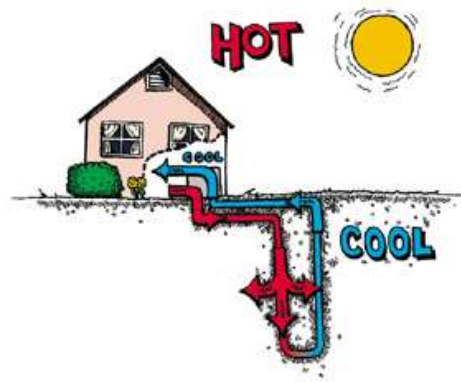
Giant turbine blades turned by the wind generate electricity.

Wave



Waves which force air to turn a turbine which is connected to a generator, which makes electricity.

Geothermal



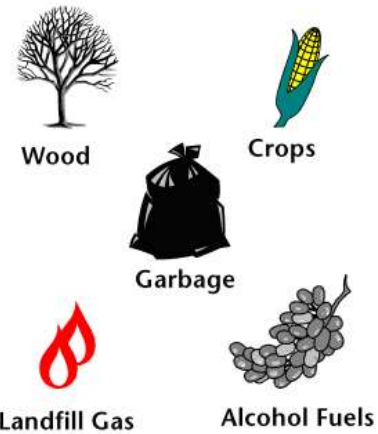
Water is piped down to hot rocks under the Earth's surface. The steam is pumped back up and used to heat houses or turn a turbine to make electricity.

Solar



The sun's light is absorbed by large panels on house or building roofs and heat waters or is turned into electricity.

Biomass



Natural materials and waste are burnt to produce heat or to heat water to make steam. This steam can then be used to turn a turbine, which makes electricity.