



We still don't know what energy actually is, but we do know a lot about its different forms and how to measure them. Energy occurs in a number of different forms, usually grouped into two main kinds.

Active forms	Potential forms
All of these involve movement.	All of these are 'stored'.
Kinetic energy Heat energy Light energy Sound energy Electric energy	Chemical potential energy: E_p (chem) Elastic potential energy: E_p (elas) Gravity potential energy: E_p (grav) Nuclear potential energy Magnetic potential energy


Each of the following devices and situations changes energy from one form to another. In each case, write the main energy input and the main 'energy output'.




Energy in: _____
 Energy out: _____



Energy in: _____
 Energy out: _____



Energy in: _____
 Energy out: _____



Energy in: _____
 Energy out: _____




Energy in: _____
 Energy out: _____




Energy in: _____
 Energy out: _____



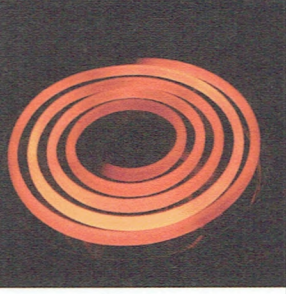
Energy in: _____
 Energy out: _____




Energy in: _____
 Energy out: _____




Energy in: _____
 Energy out: _____



Energy in: _____
 Energy out: _____



Energy in: _____
 Energy out: _____



Energy in: _____
 Energy out: _____