

# DIFFERENT FORMS OF ENERGY

Energy comes in different forms, and each can be changed into another form.

## HERE ARE SIX DIFFERENT FORMS OF ENERGY

### CHEMICAL ENERGY

is the energy stored within bonds between molecules. There are many sources for this energy, such as natural gas, gasoline and coal.



### THERMAL ENERGY

(or heat energy) is the energy of moving molecules. The energy that comes from a fire is thermal energy.



### MECHANICAL ENERGY

is the energy stored in objects by tension. When the tension is released, motion occurs. A spring that is pressed down has mechanical energy.



### RADIANT ENERGY

(or light energy) is related to the movement of light. The Sun provides radiant energy to warm our planet.



### ELECTRICAL ENERGY

is energy that comes from tiny charged particles called electrons. In nature, lightning is one form of electrical energy.



### NUCLEAR ENERGY

is the energy created when the nuclei of atoms are split or fused. This type of energy is produced in nuclear power plants.

