



## Work, Energy and Power 2

Name the different types of energy and define each of them.

### 1. Mechanical Energy

→ The energy which is possessed by a body by virtue of its motion or position or configuration is called mechanical energy.

#### a. Kinetic energy

→ The energy possessed by a body due to its motion is called kinetic energy.

#### b. Potential energy

→ The energy possessed by a body resting at a certain height due to its position or configuration is called potential energy.



## 2. Heat Energy.

→ The energy produced due to the vibration of molecules of a body is called heat energy.

## 3. Light energy.

→ Light energy is a form of energy which produces the sensation of vision.

## 4. Sound energy.

→ Sound energy is a form of energy produced due to the vibration of a body. ~~is called~~

## 5. Electrical energy.

→ Electrical energy is the energy which is generated due to the flow of electrons through a conductor.

## 6. Chemical Energy.

→ Chemical Energy is the energy which is stored in petrol, coal etc

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and is released when a chemical change takes place.

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### 7. Magnetic Energy.

→ Magnetic energy is the energy possessed by a magnet.

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### 8. Nuclear Energy

→ The energy which is produced from the nucleus of an atom is called nuclear energy.

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