

Energy

1. Define the term Energy.

Ans) Energy is the capacity to do work.

2. State the S.I. units of Energy and define it.

Ans) Energy is measured in the same unit as work. The S.I. unit of Energy is Joule. Symbol (J). One J = $1 \text{ N} \times 1 \text{ m}$ that is one Joule of work is said to be done when a force of 1 N moves a body by a distance of one m in the direction of force.