IG Physics Revision Definition: The ability to do work. Work: Process quantity Energy: State quantity Unit : Joule (T)

Mechanical Energy $= \text{kinetic Energy } E_k = \text{kmv}^2$ Mechanical Energy $= \text{Potential Energy} = \text{GRE} : E_p = \text{mgh}$ Internal Energy $= \text{Thermal Energy} : U = \mathbb{R} + \mathbb{$ Two types of energy

Unit 2 Energy Author Eric Stone China Published ONLY on: https://kcisec.site/AL/Physics Work unit: Toule Force Distance W = Fd() [Efficiency)

->Useful

->Useful

->Useful

->Useful

->Utput power

-> X 100%

Input power

-> Total

Definition: The rate of work done

P=# P=Fv

A-Level Programme Eric Stone China.