

Section 3

* Principle of MHD Generation :-

→ The principle of MHD power generation is very simple and is based on Faraday's law of electromagnetic induction, which states that when a conductor and a magnetic field moves relative to each other, then voltage is induced in the conductor, which results in flow of current across the terminals.

Ocean Thermal Energy :-

Ocean Thermal Energy Conversion is a process that can produce electricity by using the temperature difference b/w deep cold ocean water and warm top tropical surface water.

→ ~~ocean~~ Ocean Thermal Energy Conversion plants pump large quantities of deep cold seawater and surface seawater to run a power cycle and produce electricity.

Diagram for working :-

