

Section - 5

Ans → A Tidal generator converts the energy of tidal flows into electricity, because the earth's rotation tides are ultimately due to gravitational interaction with the moon and sun and the earth's rotation, tidal power is practically inexhaustible and classified as a renewable energy resource.

four method of tidal power generation :-

1. Tidal stream generator :-

^{Tidal} stream generation method is use to extract energy from running tides of water.

2. Tidal barrage :- Look of tidal

is just like a traditional dam and it work on the same practical as the traditional dam do but there is one difference b/w them.

3. Dynamic tidal power :- It is a fact that ocean tides don't operate strictly \perp to the shore.

4. Tidal Lagoon :- A new tidal energy design option is to construct circular retaining walls embedded with turbines that can capture the potential energy of tides.