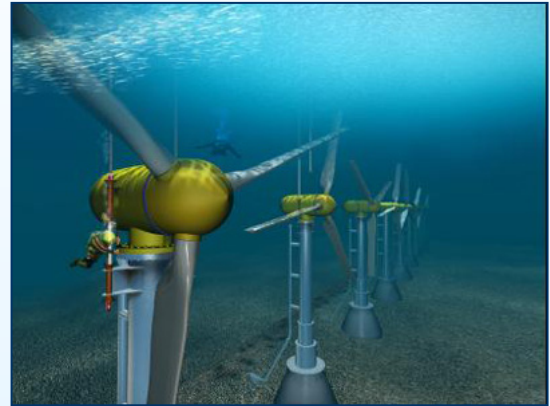


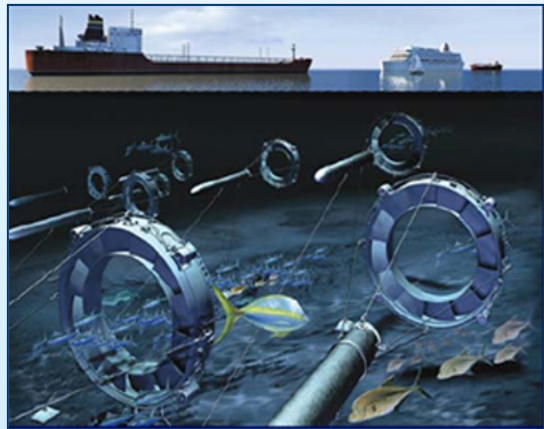
OCEAN RENEWABLE ENERGY TECHNOLOGIES

Many forms of energy can be generated from marine resources:

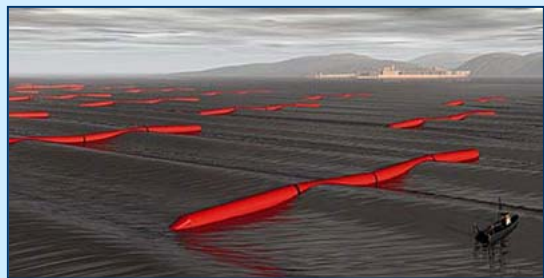
- Tidal power uses dams or turbines to harness energy as the water moves with the tides
- Wave power uses the motion of waves to power pumps to generate electricity
- Ocean thermal energy conversion converts the heat stored in the oceans into usable energy
- Offshore wind power uses large turbines that spin with strong offshore winds to generate electricity
- Algal biofuel can be produced from oils stored in some algae species



Underwater current turbines, from:
www.mms.gov/offshore/RenewableEnergy/Graphics.htm



Ocean current project, from:
www.mms.gov/offshore/RenewableEnergy/Graphics.htm



Example of floating wave energy generation, from:
www.mms.gov/offshore/RenewableEnergy/Graphics.htm