

Alternative sources of energy

~**Hydro-electric energy:** running water that flows through tunnels of specially made dams to turn turbines of generators that make electricity.



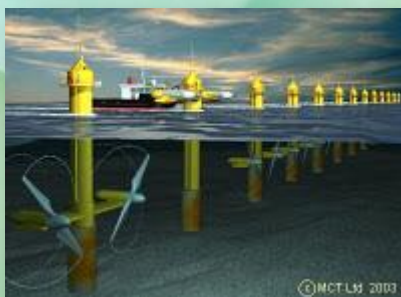
~**Solar energy:** the sun's light hits photovoltaic cells on solar panels which converts it into electricity.

~**Wind energy:** when there are differences in temperature and pressure= the sun heats the earth which causes hot air and then cooler air comes, making winds to turn wind turbines of generators to make electricity.



~**Biomass:** burnt animal droppings or wood and the steam turn turbines to make electricity.

~**Wave energy:** the power of the waves which turn turbines to make electricity.



~**Tidal energy:** the movement of water in the sea that then turns generators to make electricity.

~**Geothermal energy:** the heat from deep within the earth or from hot water springs that causes steam which can be used to turn turbines of generators to make electricity.

