

Renewable energy (solar power)



Kinds of renewables



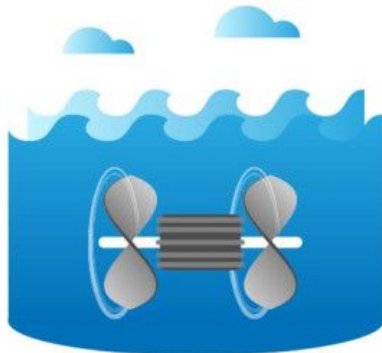
SOLAR



HYDRO



WIND



TIDAL



GEOTHERMAL



BIOMASS

Solar power is generated in two main ways:

Photovoltaics (PV)



It provides light that is converted into electricity through photovoltaic solar panels. Photovoltaic panels are formed by groups of cells or solar cells that convert light (photons) into electrical energy (electrons).

Concentrated solar power (CSP)



It provides heat tapped by mirrors that focus sunlight on a receiver that contains a fluid which reaches temperatures up to 1,000 ° C. The heat transforms the fluid in steam which moves a turbine and finally produces electricity.

Top 5 countries going solar

1. China



2. United States



3. Japan



4. Germany



5. India

