war of werents - Edison & westinghouse

first set of power systems - generation + transmission + utilization

were all Dc

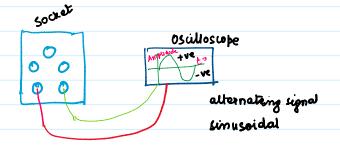
transformers and machines - AC

(they up) or (they down)

large volumes of power transfer ac cystems at are used

HVDC transmiscion - High voltage - ±400kV

Righ power levels ~ 100'S MW



Hydrogenerators

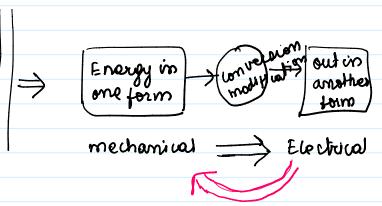
No clear power stations

Thermal power stations

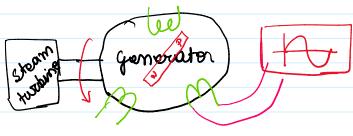
yeothermal power

wind power generation

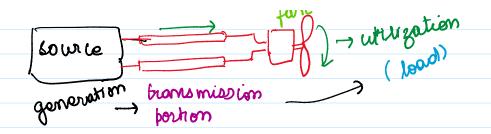
solar power generation



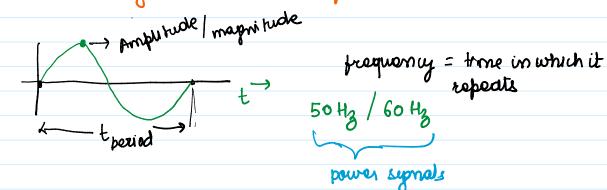
Direct energy conversion



Source fan , whire gation



This chain of power generation, transmission and utilization to in its enterly called a power system



400 Hz - Airplames

