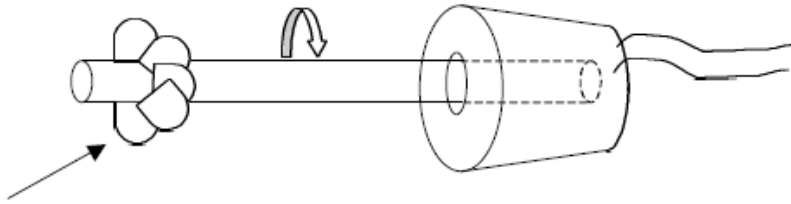


# How a Power Plant Works

Open system: fluid moves through (wind & hydro)

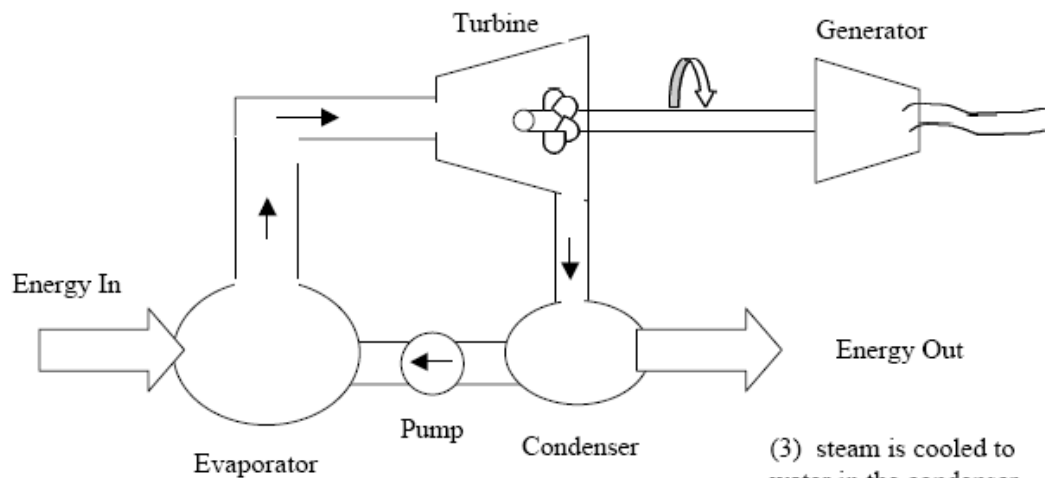


(1) moving fluid makes the turbine blades turn

(2) this spins a magnetic field in a coil, creating electricity in the generator

Closed System: fluid remains in the system, changing states from water to steam and back to water.

(2) steam turns turbine blades and generates electricity like the open system



(1) energy from source heats water and creates steam in the evaporator

(4) water is pumped back to evaporator

(3) steam is cooled to water in the condenser