A TYPICAL FOSSIL FUEL POWER STATION

FUEL
- COAL
- GAS
- PEAT
- WOOD

FURNACE
- FUEL BURNS
- HIGH TEMPERATURES
- HIGH PRESSURE STEAM

TURBINES AND GENERATING FACILITY
- THE HIGH PRESSURE STEAM DRIVES TURBINES PRODUCING ELECTRICITY

DISTRIBUTION TO NATIONAL GRID
- ELECTRICITY DISTRIBUTED TO CUSTOMERS THROUGH THE NATIONAL GRID

TURBINES

STEAM

VALVE

COOLED WATER

CONDENSER

FILTER REMOVES SOME TOXIC FUMES AND DANGEROUS PARTICLES

CLEANED FUMES ALLOWED INTO ENVIRONMENT

FOR MUCH MORE DETAIL ON A RANGE OF ENERGY SYSTEMS GO TO: http://www.technologystudent.com/energy1/engex.htm