How economisers and waste heat recovery systems work for power generation

1. Fuel supply system (e.g. biomass, waste, coal, gas, oil)
2. Boiler burns fuel which creates steam
3. Economiser heats up boiler feed water. Increases therm efficiency by up to 20%
4. Precipitator (cleans the flue gases)
5. Flue-gas stack
6. Water heated by recovered waste heat used to generate electricity