How economisers and waste heat recovery systems work for industrial applications

**KEY**

1. Fuel supply system (e.g., biomass, coal, gas, oil)

2. Water tube boiler burns fuel and creates super heated steam

3. Auxiliary boiler burns fuel and creates low pressure saturated steam

4. Economiser heats up boiler feed water. Increases therm efficiency by up to 20%

5. Water heated by recovered steam used for factory application (e.g., drying ovens, kilns, heating, sterilisation, cooking etc.)