

4.5 Environmental Benefits:

- ☀ The environmental benefits of biomass power generation using biomass fuel are clear. By Using waste material for fuel in our green energy plants, we prevent that waste from burdening our landfills even more, or being left to decay on the forest floor or urban lot.
- ☀ Biomass power is carbon neutral. Any carbon that is released into the atmosphere during combustion of biomass was absorbed from the atmosphere at one point in the tree's life.
- ☀ Biomass power does not threaten forests. It is not economically viable to clear forests or chop down trees solely for the purpose of getting wood to create the green power. The only economically viable fuel for biomass facilities come from waste byproducts

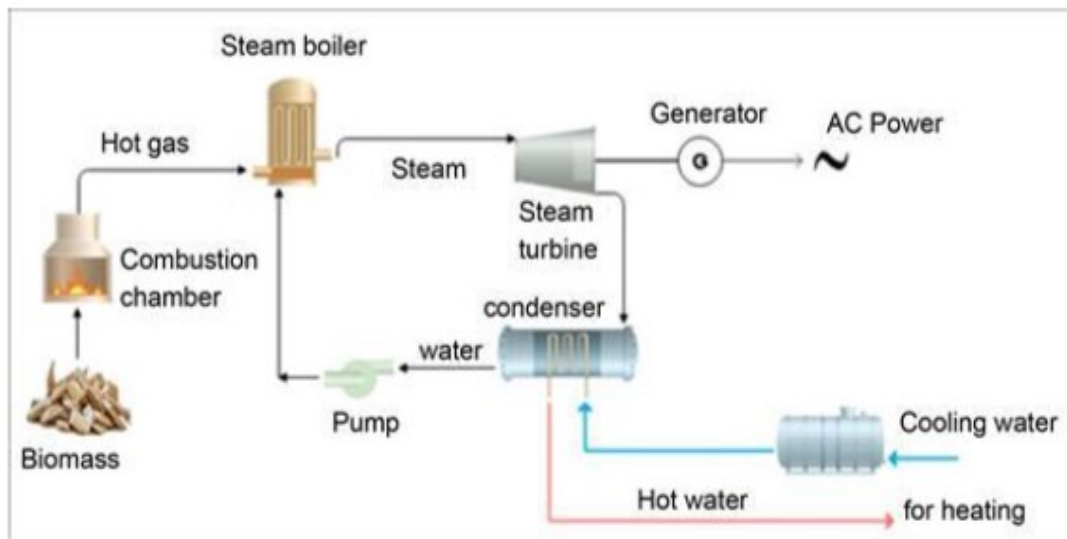


Figure 4.5

[Source: "Renewable Energy Sources and Emerging Technologies" by D.P.Kothari, K.C Singal, Rakesh Ranjan, Page: 285]