

Investigation on Biomass as an Alternate Source for Power Generation

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Abstract : The purpose of the paper is to discuss the biomass as a renewable source of energy for power generation. The setup is designed and fabricated in the Centre for Energy Technology (CET) and four different fuels are tested in the laboratory, but here the focus is on wood blocks (fuel) combustion with temperature, gas composition percentage by volume and the heating values.

Keywords : biomass, downdraft gasifier, power generation, renewable energy sources

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