Abstract

Being an agribusiness rich state, Punjab has colossal capability of biomass asset accessibility as harvest buildups. Around 63.514 Mt/yr of the aggregate yield deposit is produced from different major and minor harvests, of which around 71% is devoured in different structures, bringing about 29% as an issue surplus accessible for power generation. Fundamental surplus and net surplus yield buildups for power generations potential were assessed in each one region. Jalandhar, Patiala Sangrur, Ferozpur, Amritsar, and Ludhiana are the real surplus biomass potential locale, while Rupnagar, Nawashahar, Hoshiarpur, Fatehgarh Sahib, Faridkot and Kapurthalla are minimum surplus biomass potential locale inside the state. In this paper the regular accessibility, present utilization of essential yield deposits are assessed in each one region of the Patiala district. It has been assessed that around 113.45 MW and 109.58
MW of power in the state can be created through fundamental surplus and net surplus biomass individually in the Patiala district

References

- Chauhan, Suresh; (2010), "Biomass resources assessment for power generation: A case study from Haryana state, India"; Biomass and Bioenergy (34), pp. 1300-1308; Elsevier
- Chauhan, Suresh; (2012), "District wise agriculture biomass resource assessment for power generation: A case study from an Indian state, Punjab"; Biomass and Bioenergy (37), pp 205-212.
- Das, Subhrabaran; Jash, Tushar; (2008), "District-level biomass resource assessment: A case study of an Indian State West Bengal"; Biomass and Bioenergy (33), pp 137-143.
- Sheth N. Pratik, Babu B. V. (2009), "Experimental studies on producer gas generation from wood waste in a downdraft biomass gasifier"; Bioresource Technology (100) pp 3127-3133

Index Terms
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