

Waste Recycling for Biomass Electricity: A Comparison between India and China

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Waste to energy conversion for heat and energy using agricultural and forestry residues and municipal solid wastes often have good economic and market potential. The objective of this paper is to make a model-based comparative assessment of the situation of India and China with regards to recycling of waste for biomass electricity generation. The comparison of India and China provides interesting insights for policymakers in the respective countries. A computable general equilibrium model – AIM/Material – is applied to the two countries for comparative study. Future projections to 2030 are made for various energy, environment and economic variables under baseline and policy scenarios for waste recycling and technology innovation.

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