

# ELECTRICITY FROM SOLID WASTE

Relevant for: Indian Economy | Topic: Infrastructure: Energy incl. Renewable & Non-renewable

The Ministry of New and Renewable Energy is implementing Waste to Energy (WTE) Programme under the umbrella of National Bioenergy Programme. The WTE Programme has a budget outlay of Rs 600 crore for the period FY 2021-22 to FY 2025-26. This Programme aims to support setting up of Waste to Energy plants for generation of Biogas, BioCNG and electricity from urban, industrial and agricultural waste by providing central financial assistance (CFA) (However, new MSW to Power projects are not supported under the Programme). Such projects are set up in various States/UTs by project developers and interested developers seek CFA under the Programme.

Further, Ministry of Petroleum and Natural Gas, under the Sustainable Alternative Towards Affordable Transportation (SATAT) initiative envisages setting up of 5000 BioCNG plants by 2023-24 with production target of 15 MMT of BioCNG from urban, industrial and agricultural waste including municipal solid waste.

SATAT initiative encourages entrepreneurs to set up BioCNG plants, produce & supply BioCNG to Oil Marketing Companies (OMCs) for sale as automotive fuels. As on 31<sup>st</sup> Oct, 2022, total 3694 Lols have been issued by OMCs for BioCNG capacity addition of 23868 Tons per day.

This information was given by Shri R.K Singh Union Minister of Power and MNRE in a written reply in Lok Sabha today.

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