

Waste to Energy

Central Policy - MNRE Policy- (during 12th Plan period)

The central assistance available for implementing waste to energy project during 12th Plan period which declared on 12th September, 2013 is as below-

- **Scope:**

The scheme provides for Central Financial Assistance in the form of capital subsidy and Grants-in-Aid in respect of the following activities:

- i) Setting up of five pilot projects based on Municipal Solid Waste.
- ii) Biogas production from Industrial waste.
- iii) Power generation or production of bio-CNG from biogas produced from sewage and industrial wastes or from Urban and Agricultural wastes through biomethanation.
- iv) Power generation from solid industrial waste.
- v) Promotional activities.
- vi) R&D, Resources assessment, technology up-gradation and performance evaluation, etc.
- vii) Installation of biomass co-generation projects (excluding bagasse co-generation) in industry for meeting the requirement of captive power and thermal energy with at least 50% of power for captive use, and an option for the surplus power to be exported to the grid.

- **Capital subsidy to the promoters**

Wastes/processes/technologies	Capital subsidy
1. Power generation from Municipal Solid Waste	Rs. 2.00 crore/MW (Max. Rs.10crore/project)
2. Power generation from biogas at Sewage Treatment Plant or through biomethanation of Urban and Agricultural Waste/residues including cattle dung or production of bio-CNG.	Rs. 2.00 crore/MW or bio-CNG from 12000 m3 biogas/day (Max. Rs. 5 crore/project)
3. Biogas generation from Urban, Industrial and Agricultural Wastes/residues	Rs. 0.50 crore /MWeq. (12000 m3 biogas /day with maximum of Rs. 5 cr./ project)
4. Power Generation from Biogas (engine / gas turbine route) and production of bio-CNG for filling into gas cylinders	Rs. 1.00 crore/MW Or bio-CNG from 12000 m3 biogas (Max. Rs.5 crore/project)
5. Power Generation from Biogas, Solid Industrial, Agricultural Waste/residues excluding bagasse through Boiler + Steam Turbine Configuration	Rs. 0.20 crore/MW (Max. Rs. 1 crore/project)

Policy details could be seen at www.mnre.gov.in