

Highlights of the scheme

1. Applications / proposals will be accepted through BIOURJA portal only
2. Last date for submitting the applications under these guidelines shall be 31.12.2025
3. Under this programme, self-funded projects will also be eligible for CFA
4. Grant of CFA to plants which intend to add capacity to the existing plants will also be considered. CFA for such plants will be considered only for the enhanced capacity.
5. Phased / milestone-based CFA will be granted for bank financed BioCNG projects under SATAT initiative.
6. Developers shall share plant generation data with MNRE or any other designated agency (except Biomass Gasifiers), through installation of SCADA System / remote monitoring system.
7. Plants installed with new equipment / machinery only shall be eligible for CFA
8. Municipal solid waste / refused derived fuel to power projects based thermal technologies (incineration, gasification, pyrolysis, etc.) are not supported under this scheme
9. The amount of CFA for grant of 'in-principle approval' would be calculated on the basis of installed capacity as per the proposal
10. The developer may choose any one of the following agencies for inspection of the plant:
 - (a) Concerned State Nodal Agencies for Renewable Energy (SNAs)
 - (b) Sardar Swaran Singh National Institute of Bio-Energy (SSS-NIBE)
 - (c) Biogas Technology Development Centre (BTDC)

Documentation required to participate in the scheme

Stage-1: List of documents required to be uploaded on BIOURJA portal for CFA approval:

1. Forwarding letter from:
 - (i) Developer in case of self-financed projects or
 - (ii) Lead FI/Bank in case of debt financing/loans
2. Detailed project report
3. Loan sanction letter, if loan availed
4. Techno-economic feasibility report (for projects based on debt)
5. Undertaking on a non-judicial stamp paper of Rs. 500/-
6. Latest high resolution photographs of the proposed plant site (with timestamp)

Stage-2: List of documents required to be uploaded on BIOURJA portal for release of CFA:

1. Commissioning certificate
2. Plant inspection report
3. Performance inspection report with 72 hours and 3 months performance data
4. Mandate form
5. High resolution photographs of the plant
6. Consent to operate from the concerned State Pollution Control Board
7. Environmental impact assessment clearance (wherever applicable)
8. PESO Approval for storage & filling of BioCNG Plant
9. Non-NPA certificate from the lending banks / FIs, if loan availed
10. Loan disbursement letter, if availed
11. Access details of SCADA system / remote monitoring system

Note: For Biomass Gasifier projects, only document at Sr. No. 1,2,3,4,5 and 10 are required.



Contact Information

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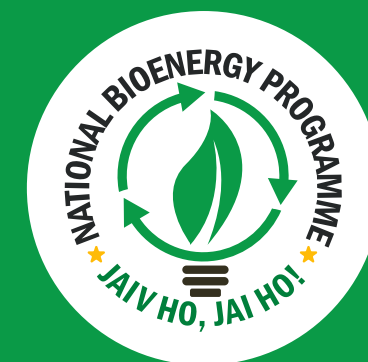
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Image Credit: GIZ



The Waste to Energy Scheme Part of the National Bioenergy Programme



Image Credit: GIZ



Objective

The objective of the Waste to Energy (WtE) scheme is to support the setting up of WtE projects for generation of Biogas/ BioCNG/ Power or Syngas from urban, industrial and agricultural wastes/residues.

Applicable feedstock

The organic waste such as agro residue, food waste, fruit & vegetable waste, cattle dung, garden waste, effluent waste generated from food processing industries such as dairy, sugar, distillery, paper, oil extraction plant, starch processing, etc.

Benefits

Support in the form of Central Financial Assistance (CFA) to project developers after successful commissioning of WtE plants for generation of Biogas, Bio-CNG / enriched Biogas / Compressed Biogas, Power or Syngas.

CFA can enhance the viability of WtE projects by off-setting the initial capital costs or reducing interest on loan. This financial support makes it more feasible for projects to generate a positive return on investment and become financially sustainable in the long term.

Central Financial Assistance structure

For project developers

1. **For Biogas generation:** Rs 0.25 crore per 12,000 m³ / day (maximum CFA – Rs. 5 Crores / project)
2. **For BioCNG / enriched Biogas / Compressed Biogas generation:** (maximum CFA – Rs. 10 crore / project)
 - i. BioCNG generation from new Biogas plant – Rs. 4 Crores per 4,800 Kg / day
 - ii. BioCNG generation from existing Biogas plant – Rs. 3 Crores per 4,800 Kg / day
3. **For Power generation based on Biogas** (maximum CFA – Rs. 5 Crores / project):
 - i. Power generation from new biogas plant – Rs 0.75 Crores / MW
 - ii. Power generation from existing biogas plant – Rs 0.5 Crores / MW
4. **For Power generation based on bio & agro-industrial waste (other than MSW through incineration process):** Rs. 0.40 Crores / MW (maximum CFA – Rs. 5 Crores / project)
5. **For Biomass Gasifier for electricity/ thermal applications:**
 - i. Rs. 2,500 / kWe with dual fuel engines for electrical application
 - ii. Rs. 15,000 / kWe with 100% gas engines for electrical application
 - iii. Rs. 2 lakh / 300 kWth for thermal applications

The eligible CFA would be 20% higher than standard CFA pattern for:

- a. All plants in special category states (Northeast region, Sikkim, Himachal Pradesh and Uttarakhand), Jammu &



Kashmir, Ladakh, Lakshadweep and Andaman & Nicobar Islands

- b. Biogas/BioCNG/Power (biogas based) generation plants based on cattle dung as main feedstock set up by gaushalas registered with respective state governments

For Implementing Agencies

Service charge @1% of total CFA (minimum of Rs. 50,000) for receiving and processing the applications.

For Inspection Agencies

Service charge @ Rs 1% of the eligible CFA (minimum of Rs. 50,000) towards monitoring of implementation progress, performance inspection and verification of generation record, and post installation monitoring of the plants.

Procedure for availing Central Financial Assistance

- Step 1:** Online Registration through BIORJA portal
- Step 2:** Submission of application / proposal and uploading of stage-I documents
- Step 3:** Review of proposal by implementing agency and recommended by project appraisal committee
- Step 4:** In-principle approval by MNRE
- Step 5:** Commissioning of the plant
- Step 6:** Inspection of the plant by inspection agency
- Step 7:** Submission of stage-II documents for release of CFA
- Step 8:** Review of documents and release of CFA