

## Programme on Energy from Urban, Industrial and Agricultural Wastes / Residues:

### 1. What are the eligibility criteria for availing CFA?

The eligibility criteria for submission of projects under this programme are as follows:

- 1) Based on type of wastes:-
  - i) Projects based on any bio-waste from urban, agricultural, industrial/agro sector (excluding bagasse) for co-generation /power generation and production of bio-CNG from biogas
  - ii) Mixing of other wastes of renewable nature will be permissible
  - iii) Biogas generation projects based on distillery effluents and projects based on wastes from fossil fuels and waste heat (flue gases) will not be supported.
- 2) Based on technologies:-
  - i) Projects on biomethanation, combustion, gasification, pyrolysis technologies or their combination.
  - ii) Projects will be based either on 100% biogas engines or steam turbines with a minimum steam pressure of 42 bar.
  - iii) MSW based projects need to be developed in accordance with the decision of Hon'ble Supreme Court guidelines given during the hearing on May 15, 2007 and the recommendations of the Expert Committee referred therein
  - iv) Bio-CNG to be produced will have to meet the BIS specifications as per IS 16087: 2013

### 2. How much CFA can be availed under this scheme?

The CFA for various projects are as follows ;

S N.	Items	Pattern of CFA
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)

**3. What are the minimum required documents?**

- a) Two copies of DPR, including bar charts for schedule of activities for the project
- b) Proof of possession of site
- c) Details of statutory clearances obtained, (if any)
- d) Copy of the MoU executed with FI/Bank

**4. What is the condition to release the CFA?**

The condition of successful commissioning of the project is operation of the project for three months, including continuous operation for at least 72 hours at minimum of 80% of rated capacity.