

**Application Form for installation of medium biogas plants  
(above 25 to 2500 M3) under MNRE biogas programme**

**(a) Format for projects upto 10 kW on biogas based power generation (off-grid) & thermal application)**

1	Name and address of state Govt. Nodal Deptt. / Nodal Agency / BDTC/ KVIC Or other Approved Organization	
2	Name & Address of project executing organization/agency (if other than SNA/SND./BDTC/ KVIC)	
3	Details of Site indicating location and address with expected load and use of electricity or biogas for thermal applications:	
4	Capacity of the biogas plant (cubic meter per day or cubic meter per hour)	
5.	Details of Cattle viz. in numbers-Adult, smaller than 5 years (Total availability of dung in kg.) plus Any other source of waste like goats, pigs, poultry dairy effluent , food & kitchen , Agro/ Food processing waste etc. (Please specify the Nos. of animals/ birds & its dropping in kg.) to the accuracy so as to work out total quantity of waste in Kgs. / Tonnes/ Litres of dairy effluent etc.	
5	Name of manufacturer/supplier and cost of 100% biogas engines, DG-Genset and associated control panel etc.	
6	Total daily demand /requirement of power in KWh/day and required amount of biogas generation daily( in cubic metre) for the same including for cooking/ heating / cooling etc. (Kcal requirement per day for thermal energy applications).	
7	No. of biogas plants Units with capacity of each in m <sup>3</sup> proposed	
8	Proposed operational hours per day entirely based on Biogas i.e . on 100% biogas utilization basis.	
9	Estimated actual cost as worked out by the concerned user agency /manufacturer and verified by the concerned SND / SNA / KVIC / BDTC etc.	
10	Total Estimated cost of the project (in Rs.)	
11	Amount of CFA worked out as per the approved rates and norms of the scheme of BPGT P (in Rs.) <b>And Category of the beneficiary General/ SC/ ST / Others.</b>	

12. Further this is certified that:

(i) Adequate quantity of surplus cattle dung/biomass/ other eligible wastes are available at the proposed plant site and user/applicant is genuinely interested for installation and operation of biogas power plant/ thermal plant on regular basis at least for 10 years' period.

(ii) The User Organization has agreed and tied up to arrange balance funds from Bank and self-contribution over & above the eligible CFA for installation of proposed biogas based power /thermal project.

(iii) User organization has agreed to operate and maintain the biogas project at their own or by engaging the skilled personnel as Biogas Plant Operator on regular basis for a minimum period of 12- 15 years.

(iv) The user organization has the capacity to operate the plant for 12- 15 years and has tied up management of plant slurry and its disposal by making self-use/ sale of organic bio-manure to third party.

Name & Signature of the User Organization/user

Date: Place:

(Verified & Countersigned by Head of PIA)

**(b) Format for basic information for projects above 10 kw biogas based power generation / thermal applications**

S.No	Name of the Project	Biogas based power generation/ Thermal application
1.	Name of the Beneficiary and address :	
	GPS of the Plant site Telephone No. of the site	
3.	Name of address of the State Agency/BDTC who propose to undertake the work	
4.	Category of Beneficiary / Institution Please (√) tick	a) General/SC/ST/Others b) Private c) Government d) Public Organization e) Others
5.	Proposed use of generated power with detailed configuration	
6.	Mode of use and total requirement of power in kWh/day OR total requirements of biogas in cu.m.per day	
7.	Proposed size of Biogas plant in cubic meter (m <sup>3</sup> )	
8.	Available population of cattle	
9.	a) Details of Cattle viz. in numbers-Adult, smaller than 5 years (Total availability of dung in kg.)	
	b) Any other source of waste like goats, pigs, poultry dairy effluent , food & kitchen , Agro/ Food processing waste etc. (Please specify the Nos. of animals/ birds & its dropping in kg.) to the accuracy.	
	c) Agricultural waste in kg.	
	d) Other degradable biomass in kg. (please attach separate sheet along with the full details of each raw material)	
	e) No. of latrine attached & No. of users	
	f) Availability of land for proposed biogas plant and housing generator etc.	
10.	Procurement and commissioning of ( <i>Name of the proposed power generating system, Mechanism for manufacturers and operation &amp; Maintenance of the system suppliers to be given</i> )	
11.	Estimated quantum of power to be generated through biogas plant, keeping in view the minimum 10 hours daily operation of the proposed power plant entirely based on Biogas generation	

12.	Proposed Electrical Load Distribution with Biogas power plant	
	a) Domestic (Details to be given)	
	b) Village industry (Details to be given)	
	c) Irrigation/Agriculture	
	d) Entire Power to be used for self & / Balance surplus power / biogas to be sold locally	
13.	Types of engine proposed for power generation	
14.	Capacity of engine / dual fuel (used with bio fuel only) or Biogas micro turbines etc. in kVA	
15.	a) Cost of 100% biogas engine or dual fuel engine, coupled with Genset, associated Central panel and power room etc. (in Rs)	
	b) Cost of internal transmission system used for electrification (for a & b please attach separate sheet along with full details)	
16.	Cost of proposed biogas plant (in Rs):	
17.	Manure Management and Handling system including safe and neat disposal for sale of Bio-manure.	
18.	Approximate cost of electricity that may be generated through Biogas ( kWh/ day)	
19.	Source of funding of the project (in Rs)	
	a) Own fund (Rs.)	
	b) Bank loan (Rs.)	
	c) Central financial assistance (Rs.)	
	<b>d) Total (in Rs.)</b>	
20.	Source of funds for meeting operation and maintenance cost of the system	
21.	Undertaking from State Nodal Deptt.../Agencies/BDTC <i>(An undertaking to this effect from agency for procurement installation, operation and maintenance of the system on regular basis.)</i>	
22.	Mechanism to transfer the power plant to user / panchayat/ Society/ Entrepreneur etc. by SNA/SND/BDTC after specific period if applicable for the project proposal.	
23.	Any other information with regard to the project	

**Date**  
**Place**

**Signature of the Beneficiary**  
**Who undertakes the project**

Date /  
Place

Signature of the Developer/ promoter Undertake the work of power generation & construction of Biogas plant etc.

Verified & countersigned by the Head of the PIA

*On Non - Judicial Stamp / e stamp Paper*

**UNDERTAKING**

The management of <Name of the Enterprise> or <Name of the owner for individual user> has submitted proposal for setting up of <...kWe power generation project> or <...Cubic Meter biogas plant for thermal energy applications> at <project location> using <Name and type of raw material> as feed material for biogas generation and applied for availing Central Financial Assistance (CFA) from Ministry of New and Renewable Energy, Government of India.

We undertake that,

1. The cost over and above the MNRE , GOI share will be borne by me/ our organization; and
2. We will operate the plant for a minimum period of 15 years and shall not dislocate or abandon the project including any of the related equipment/ part. If at any point of time the biogas project is found non-operational after its commissioning , I / we shall be liable to refund the Central Financial Assistance / subsidy received for the project installation , with interest thereon as decided and asked by the MNRE, Government of India.
3. We / the Company----- have not claimed any subsidy for the same biogas plant / project under any other programmes of Govt. of India. If there is any discrepancy found subsequently, the ministry is allowed to recover the subsidy under Biogas Power/ Thermal Energy projects from us.
4. The BDTC/MNRE / State Nodal Agency etc. will have the right to get all the project related technical and financial data to publish success stories/ case studies / technical papers and for third party inspection and evaluation on the operation and performance aspects of the project.
5. Above content of this affidavit are true and correct to the best of my knowledge and acceptable to the undersigned.

**Authorized Signature of Deponent/ beneficiary**

**Verification:**

Verified that the content of this Affidavit are true and correct to the best of my knowledge and belief nothing has been concealed there in.

ATTESTED AND IDENTIFIED  
DEPONENT

Dated. \_\_\_\_\_

NOTARY PUBLIC