



सरदार स्वर्ण सिंह राष्ट्रीय जैव ऊर्जा संस्थान

(नवीन और नवीकरणीय ऊर्जा मंत्रालय, भारत सरकार का एक स्वायत्त संस्थान)

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फोन: 01822-507406, ईमेल: sss.nibe@nibe.res.in, वेबसाइट: <https://nibe.res.in>

Sardar Swaran Singh National Institute of Bio-Energy

(An Autonomous Institute of Ministry of New and Renewable Energy, Government of India)

12 K.M. Stone, Jalandhar-Kapurthala Road, Wadala Kalan, Kapurthala (Punjab) 144603

Phone: 01822-507406, email: sss.nibe@nibe.res.in, Website: <https://nibe.res.in>



Rolling Expression of Interest (EOI)

for

**Empanelment of Experts/Consultants for
Inspection of Waste to Energy/Biomass Plants across Pan India**

EOI Ref No: 348-26/11/2025-ADMIN

‘Rolling Expression of Interest (EOI) for empanelment of experts/consultants’ may be submitted in hard copy to:

Sardar Swaran Singh National Institute of Bio-Energy (SSS NIBE)

Wadala Kalan, Kapurthala-144603, Punjab

Tel: 01822-507407

OR alternatively can be emailed at the official email id: sss.nibe@nibe.res.in

This EOI is on rolling basis, meaning thereby, that applications can be submitted at any time unless otherwise notified by SSS NIBE. Evaluation will be carried out periodically.

Since there is immediate requirement, the first evaluation will be carried out on 15/10/25. Therefore, applications are requested for submission before 14/10/25 at 17:30 h for those desirous to be considered under first evaluation.

Applications received after the due date shall be evaluated on a later date; the same shall be notified on SSS NIBE website only. There is no notification in the print media.

The Information provided by the Experts/Consultants in response to this Expression of Interest (EOI) will be the property of SSS NIBE and will not be returned. SSS NIBE reserves the right to amend, cancel, rescind or reissue this EOI.

SSS NIBE reserves its right to accept or reject any or all responses to this EOI without assigning any reason whatsoever. Further SSS NIBE reserves its right to amend/add further details in the EOI document.

Director General, SSS NIBE

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Expression of Interest (EOI) of Experts/Consultants

1. Introduction

Sardar Swaran Singh National Institute of Bio-Energy (SSS-NIBE), an autonomous institution of the Ministry of New and Renewable Energy, Government of India, is playing a key role in the development of modern bioenergy technologies, advanced biofuels and sustainable value-added products, all of which are vital to reducing our dependence on fossil fuels and mitigating climate change.

The Institute invites Rolling EOI from serving/retired employees/experts/consultants of reputed Govt Organizations/Institutes/Academia/Companies/Engineering Agencies for empanelment as Experts/Consultants for conducting Inspection of bioenergy plants implemented under the umbrella of National Bioenergy Program (NBP) of Ministry of New and Renewable Energy (MNRE). The two out of the three schemes under NBP include:

- a) **Waste to Energy programme:** The objective of the programme is to support setting up of waste to energy projects for generation of Biogas/ Bio-CNG/ Power / producer or syngas from urban, industrial and agricultural waste / residues.
- b) **Biomass Power programme:** The objective of the programme is to support setting up of biomass briquettes/pellets manufacturing plants and to support biomass (non-bagasse) based Cogeneration Projects in Industries in the country

For more details, refer to <https://mnre.gov.in/en/bio-energy-schemes/>

Under both the above schemes, the project developers are eligible for Central Financial Assistance (CFA) from MNRE, Govt of India. For availing CFA, the bioenergy plants will have to be inspected for satisfactory performance as per the guideline issued by MNRE. For carrying out such plant inspection, SSS NIBE has been identified as the lead inspection agency. The plants installed under **Waste to Energy programme** need to be jointly inspected by SSS NIBE along with respective State Nodal Agency or Biogas Development Training Centre. Similarly, the Cogeneration projects under **Biomass Power programme** to be jointly inspected by SSS NIBE along with respective State Nodal Agency. The biomass briquettes/pellets manufacturing plants to be independently inspected either by SSS NIBE or respective State Nodal Agency.

For such inspection explained above, SSS NIBE desires to empanel experts/consultants. Interested experts/consultants who comply with the requirements as mentioned under 'Eligibility/Desirable Eligibility Criteria' in this document, may submit the application form duly filled in and supplemented with all relevant documents to the Institute for further processing as per the laid Procedures. Incomplete applications in any respect are liable to be rejected summarily.

Expression of Interest (EOI) of Experts/Consultants

The service will be availed from Experts/Consultants on need basis. The list of experts/consultants in the respective field will be identified across pan India for empanelment.

2. Calendar of Events

SL/No	EVENT	Date
1	Date of Issue of EOI	18/09/2025
2	Last date of Submission of EOI	Rolling
3	Date of Opening of EOI	Periodically
4	For first evaluation - Last date of Submission of EOI	14/10/2025 17:30 h
5	For first evaluation - Date of Opening of EOI	15/10/2025 10:30 h

3. Venue and Deadline for Submission of Application Form

Since this EOI is on rolling basis, meaning thereby, that applications can be submitted at any time unless otherwise notified by SSS NIBE. Evaluation will be done periodically.

Since there is an immediate need, the first evaluation will be carried out on 15/10/25. Therefore, applications are requested for submission before 14/10/25 at 17:30 h for consideration under the first evaluation.

Sealed application forms superscribed as “**Application for Empanelment of Experts/ Consultant**” must reach to the office of the Director General, Sardar Swaran Singh National Institute of Bio-Energy (SSS-NIBE), Jalandhar-Kapurthala Road, Wadala Kalan, Kapurthala (Punjab) – 144603 not later than 14/10/25 at 17:30 h. OR alternatively can be emailed with Subject line as “**Application for Empanelment of Experts/ Consultant**” at official email id: sss.nibe@nibe.res.in

4. Eligibility Criteria:

Category	Minimum Eligibility	Description/Remarks
Inspection of Biogas/BioCNG Plants/ briquette/ pellet/ co-generation Plant	<ol style="list-style-type: none"> Master's degree or higher in Engineering/Science/ Renewable Energy engaged in the field of biomass/ bioenergy. Should have experience of over 10 years in the field of biomass /bioenergy or relevant industry (biogas/CBG/ biopower / Co-gen/ pellet/ Briquette. No upper age but should have sound health and no travelling restrictions. 	<ol style="list-style-type: none"> Experts/ Consultant can be serving/ retired from Govt Organizations/ Institutes/ Academia/ Companies/ Engineering Agencies. Serving expert/ consultant will have to get permission /NOC from his/her department & submit along with application.

Expression of Interest (EOI) of Experts/Consultants

Category	Minimum Eligibility	Description/Remarks
Remuneration	<p>Inspection fee* for different category are as follows:</p> <ul style="list-style-type: none"> ➤ Biomass pellet/briquette/co-gen plant: Rs 12,000 per plant inspection along with timely plant performance report submission. ➤ Biogas/CBG plant: Rs 12,000 per day, with a maximum of ceiling of Rs.25,000/- per plant inspection along with timely plant performance report submission. 	Inspection fee shall be paid to Expert/Consultant within two weeks of submission of performance report to SSS NIBE
Travel/Logistics	<p>Travel and Daily Allowance (TA/DA) for Experts/Consultants engaged for plant inspection shall be regulated as per Pay Level-12 of the Seventh Central Pay Commission, in accordance with Ministry of Finance, Department of Expenditure O.M. No. 19030/1/2017-E.IV dated 13.07.2017. The detailed entitlements are placed at ANNEXURE-V</p>	Travel, accommodation will be reimbursed within 15 days after submission of the bills along with plant performance report.

*Typically, biomass pellets/briquettes/co-gen plant inspection can be completed in one day, however for biogas/CBG requires about two days, in some cases.

Desirable Eligibility Criteria: Parties submitting the applications in response to this EOI shall hereinafter be referred to as applicant. In addition to scope of requirement, those applicants who fulfill the following eligible criteria will be preferred:

- The applicant should be proficient in relevant technical areas as mentioned above (biomass/bioenergy/ or relevant industry (biogas/CBG/biopower/Co-gen/ pellet/Briquette) including understanding of plant operations, acquisition, safety regulations, quality standards etc.
- In case of biogas/CBG/plant inspection, the past experience/proficiency in the technical areas related to biogas production, upgradation, utilisation, environmental and relevant experience(s) is necessary.
- Past experience in conducting plant inspections, including long term plant performance evaluation for biogas, CBG, pellet, briquette and co-generation Plants.
- Familiarity with analysis of SCADA based electronic data and preparation of inspection report.

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- Familiarity with industry specific regulations, best practices and standards for effective plant inspection.
- Applicant to specify his/her preference to undertake inspection either for biogas/CBG/biopower/Co-gen/pellet/briquette or a combination.
- Applicant must be able to undertake frequent travel at a short notice for plant inspection purpose in the different parts of the country.
- Applicant must ensure that she/he meets the scope of requirement and preference will be given to those who have desirable above eligibility criteria.

NOTE: Copy of all required documents mentioned in application is mandatory to enclose.

5. Scope of Work:

- The Expert/Consultant to undertake frequent travel at a short notice for plant inspection purpose in the different parts of the country.
- The plant inspection could be either independently conducted (biomass pellets/briquettes) or jointly conducted along with respective State Nodal Agency or Biogas Development Training Centre. The coordination between the project developer and other agencies shall be facilitated by SSS NIBE. The inspection/joint inspection date shall be intimated to Expert/Consultant by SSS NIBE at short notice to take up inspection.
- The plant inspection shall be conducted for satisfactory performance as per the revised guidelines of MNRE issued vide OM No. 300/1/2024-Waste To Energy dated 27.06.2025 (ANNEXURE – 6) and OM No. 19/25/2024-Biomass Power Division dated 27.06.2025 (ANNEXURE – 7), and the inspection report shall be submitted to SSS NIBE.
- The Expert/Consultant is advised to go through the above inspection guidelines in order to understand the scope of inspection and duration.

6. General Terms and Conditions

1. Empanelment would be for a period of two years from the date of issuance of empanelment letter/agreement subject to satisfactory services and yearly review.
2. Any experts/consultants, empaneled under this empanelment, if fails to participate in Inspection/Joint Inspection assigned by SSS NIBE would be removed from the list of empaneled experts/consultants.
3. The applicants, currently empaneled by any Institutes or SSS NIBE may also respond to this “**Expression of interest**” for “**Empanelment of Experts/Consultants**” and get empaneled for current period.
4. The response should be submitted in a structured format as appended with EOI. Each page of the application should be signed by person(s) & serving applicants must enclose NOC/permission letter for carrying out Inspection/Joint Inspection for SSS-NIBE. Applications containing false or inadequate information are liable for rejection. (Authorization Letter from the company should be

Expression of Interest (EOI) of Experts/Consultants

furnished along with the application)

5. The evaluation of the applications for empanelment shall be carried out by the committee constituted for the purpose.
6. Any un-authenticated, alterations, erasures, overwriting, blanking out or discrepancies may render the EOI submission invalid. The evaluation of the response will only be based on the documents submitted and evaluation committee reserved the right to relax the eligibility criteria.
7. During empanelment period, SSS NIBE reserves the right to de-panel, if the service provided by the applicant is found to be unsatisfactory or if, at any time, it is found that the information provided for empanelment is false, the SSS NIBE reserves the right to remove such vendors from the empaneled list without giving any notice in advance. SSS NIBE's decision will be final in this regard.
8. SSS NIBE, at its discretion, may extend the deadline for the submission of response/evaluation of submissions.

7. Contacting SSS NIBE

No Applicant shall contact SSS NIBE on any matter relating to its application, from the time of opening to the time the empanelment process is complete.

8. Empanelment Procedure

The objective of evaluation methodology is to facilitate the empanelment of technically superior experts/consultants. The empanelment will be valid for two years or extendable period.

In order to maintain a panel required no. of Experts/Consultants at all times, the applications received through this rolling advertisement will undergo first scrutiny, and the empaneled list shall thereafter be reviewed and updated periodically. This process will ensure that the empanelment remains current and responsive to institutional requirements.

The Applicant will be empaneled as per the following process:

1. Applicants satisfying the eligibility criteria will be short listed and will be empaneled with SSS NIBE after due scrutiny of documents submitted by the applicants. SSS NIBE may, at its sole discretion, decide to seek more information from the Applicants. The clarification shall be given in writing immediately.
2. The Evaluation committee constituted for the purpose, may waive any informality or non-conformity or irregularity in an application which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any applicant. Decision of the Evaluation Committee would be final and binding upon the Applicants.
3. SSS NIBE decision in respect of evaluation methodology and short listing of Applicants will be final and no communications, whatsoever in this respect, shall be entertained.

Expression of Interest (EOI) of Experts/Consultants

4. SSS NIBE may add/remove any relevant criteria for evaluating the applications/ proposals received in response to this EOI at the sole discretion of SSS NIBE.

9. Notification of Empanelment

SSS NIBE shall notify the successful applicant in writing by registered letter or by email, that its application has been accepted.

The applicant shall acknowledge in writing, receipt of the notification of empanelment and shall send his acceptance immediately or within seven (7) days of receiving the notification.

After successful acceptance, a detailed Inspection/Joint Inspection procedure shall be discussed by SSS NIBE with the applicant either by physical/virtual mode. This will be intimated in due course of time with advance notice.

Failure to abide by this, may lead to termination of the empanelment.

Expression of Interest (EOI) of Experts/Consultants**ANNEXURE - 1****(Format of Undertaking)**

To,

The Director General.

Jalandhar-Kapurthala Road,

Wadala Kalan, Kapurthala

(Punjab) – 144603.

Dear Sir,

Sub: Application for Empanelment of Experts/Consultants.

EOI Ref No: 348-26/11/2025-ADMIN

Having examined the EOI document, including all Annexures, the receipt of which is hereby duly acknowledged, the undersigned, offer to empanel me for the Joint Inspection of Plants assigned & as required by SSS-NIBE for a period of 2 years. I submit my Documents along with CHECKLIST.

We understand that;

1. I undertake to respond to any Request for inspection as and when called for by SSS NIBE.
2. I further confirm that any offer in response to Request for Proposal (RFP) or Request for Quote (RFQ) will be in conformity with the terms and conditions as mentioned therein.
3. I understand that SSS-NIBE is not bound to accept the application and may reject all or any application without assigning any reason or giving any explanation whatsoever.
4. I understand that SSS NIBE reserves the right to withhold my application for empanelment, issue documents to any empaneled consultant/expert, and also annul the empanelment process without assigning any reasons whatsoever.
5. I also understand that our empanelment and performance will be reviewed on yearly basis and, if found unsatisfactory, will be removed from the list of empaneled consultants/experts.
6. I also confirm that I have not been disqualified by any PSU/Government agencies /Institutes for the related work.
7. I accept all the Instructions and Terms and Conditions of the subject, Dated this _____ day of _____ 2025

Yours faithfully,

Authorized Signatory

Name & Designation :

Date:

Expression of Interest (EOI) of Experts/Consultants

ANNEXURE - 2

Applicant's Profile

Sl. No.	Particulars	Location/ Availability
A.	Type of Inspection/Service along with preferred location across Pan India: (Biogas/BioCNG Plants/briquette/pellet/co-generation Plant)	
B.	Availability for inspection - Day/ Day/Month in a year	
C.	Profile of Applicant	Documentary Evidence (Page no.)
1.	Name of the Applicant	
2.	Status of Applicant (Serving/ Retired/ company/ Agency/ Lab/ Institute etc.)	
3.	Year of Establishment & Details of Registration if any (attach Documentary Proof)	
4.	Qualification & experience (Number of years' experience in Inspection/ plant operation/ Bio energy) - Detailed CV to be enclosed	
5.	Address	
6.	Telephone number (Alternative Mobile No.)	
7.	Fax number (if any)	
8.	Email Address	
9.	Website address of the Organization/Company, if any	
10.	Key person (s) with contact details; a) Head Office/ registered Office	
11.	Authorised Official with Name, Designation, Contact Phone No/Mobile No / FAX No. etc. for the EOI.	
12.	PAN Number	
13.	GST No/Exemption Certificate, if any	
14.	Details of Bank Account	
15.	NOC (for Govt Service holder)	

** Wherever applicable, submit documentary evidence to facilitate verification.

I hereby declare that the information submitted above is true to the best of our knowledge. I understand that in case any discrepancy is found in the information submitted by me, my application is liable to be rejected.

Signature of the Authorized/Signatory with date & seal

Expression of Interest (EOI) of Experts/Consultants**ANNEXURE - 3****Self-Declaration: Not Blacklisted**

Ref: EOI No: 348-26/11/2025-ADMIN

I/ We hereby declare that presently I am having unblemished record and am not declared ineligible for corrupt & fraudulent practices, blacklisted either indefinitely or for a particular period of time, or had work withdrawn, by any State/ Central government/ PSU.

If this declaration is found to be incorrect, then without prejudice to any other action that may be taken, my/ our candidature may be cancelled.

Thanking you,

Signature of Authorized Signatory

Date:

Place:

Expression of Interest (EOI) of Experts/Consultants

ANNEXURE - 4

DECLARATION

I / We declare that the information given above are true to the best of my/our knowledge. I / we also understand that if at any stage it is found/noticed by the SSS NIBE that any information thus provided by me / us is untrue / incorrect partly or fully and in case of receipt of adverse /unsatisfactory report from other clients/Bankers, the SSS NIBE may not consider my/ our application and/or may reject me/ us and /or may take any appropriate action against us.

I/We also understand that partly / wrongly filled application and / or applications not in prescribed pro-forma and / or applications not accompanying relevant documents / enclosures / annexed documents are liable to be summarily rejected by the SSS NIBE.

I/ We agree and authorize the SSS NIBE to obtain the confidential report from me and to verify the work executed by me.

I/ We submit all the documents as mentioned in the scope of requirement/desirable Eligibility Criteria for Empanelment. I/we shall submit additional documents whenever asked for by SSS NIBE.

I/ We confirm that all the Rules prevailing in the concerned state, the Labour Laws, Risk Insurance obligations, State & Central Govt. statutory requirements etc are complied by me/ us.

I/We understand that this is merely an application for empanelment for inspection of bioenergy and does not entitle me / us to be necessarily qualified by the SSS NIBE and the SSS NIBE reserves the right to reject all and / or any application without assigning any reason whatsoever.

Place :

Date :

Signature of the applicant(s) with seal

Disclaimer:

While the document has been prepared in good faith, no representation or warranty, express or implied, is or will be made, and no responsibility or liability will be accepted by IIP or any of its employees, in relation to the accuracy or completeness of this document and any liability thereof expressly disclaimed. The EOI is not an offer by SSS NIBE, but an invitation for bidder's responses. No contractual obligation on behalf of SSS NIBE, whatsoever, shall arise from the offer process unless and until a formal contract is signed and executed by duly authorized officials of SSS NIBE and the Bidder.

Expression of Interest (EOI) of Experts/Consultants

ANNEXURE-5

(Detailed Entitlements of TA/DA as per 7th CPC, Pay Level-12, Ministry of Finance OM No. 19030/1/2017-E.IV dated 13.07.2017)

- 1. Travel Entitlements (Domestic Journeys):**
 - By Air: Economy Class.
 - By Train: AC-I Class.
 - By Premium Trains (Rajdhani, Shatabdi, Duronto, Suvidha, Premium, Premium Tatkal): AC-II Tier/Chair Car as admissible.
 - By Road: Reimbursement of actual fare for AC bus travel or equivalent public transport, subject to ceiling of entitled rail fare.
- 2. Hotel Accommodation / Lodging Charges:**
 - Reimbursement up to **₹4,500/- per day**.
- 3. Local Conveyance (Travel within City):**
 - Reimbursement of **AC taxi charges up to 50 km per day** for official engagements.
- 4. Food/Daily Allowance:**
 - Reimbursement of food bills up to **₹1,000/- per day**.
- 5. Mileage Allowance (Own Vehicle/Taxi):**
 - ₹24 per km for car/taxi.
 - ₹12 per km for auto rickshaw/scooter/motorcycle.

Note: The above entitlements shall stand revised as per the orders/notifications issued by the Ministry of Finance, Department of Expenditure, from time to time.

File No. 300/1/2024-Waste To Energy
Government of India
Ministry of New and Renewable Energy
(Waste to Energy Division)

Atal Akshay Urja Bhawan
Opp. CGO Complex, Lodhi Road
New Delhi-110003
Dated: 27.06.2025

OFFICE MEMORANDUM

Subject: Revision in Waste to Energy Guidelines dated 02.11.2022, 28.02.2020 and 30.07.2018
-Reg.

The Guidelines for the Waste to Energy Schemes issued on 02.11.2022, 28.02.2020 and 30.07.2018, were introduced to promote the for generation of Biogas/BioCNG/Power/producer or syngas from urban, industrial and agricultural wastes/residues. To further simplify the processes certain amendments are being introduced.

2. The changes/modifications/amendments will be applicable to all projects sanctioned under WTE Scheme guidelines dated 02.11.2022, 28.02.2020 and 30.07.2018.

3. The following clauses of Guidelines are amended:

Sl. no.	Clauses in Current Scheme Guidelines	To be read as
1.	Plant Performance:	
	4.4 (iii) Performance testing of the plant would inter-alia imply the following: - a) Waste to Energy Plants: The condition of successful commissioning of the Waste to Energy plants would imply operation of the plants for at least 3 consecutive months, including continuous operation for at least 72 hours at an average of 80% of the rated capacity of the plant. In case of bio-methanation plants (Biogas, BioCNG, Power based on biogas), continuous operation of the plant implies continuous operation of digester (raw biogas generation) for 72 hours.	4.4 (iii) Performance testing of the plant would inter-alia imply the following: - a) Waste to Energy Plants: The condition of successful commissioning of the Waste to Energy plants would imply operation of the plants for at least 3 consecutive months, including continuous operation for at least 24 hours at an average of 80% of the rated capacity of the plant. Phase-wise Release of CFA for Waste-to-Energy projects: 50% of total CFA will be released after obtaining the Consent to Operate (CTO) certificate from State Pollution Control Board, against the Bank Guarantee for the amount to be released. Balance CFA will be released

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<p>Based on the performance of the project for at least three consecutive months, following graded structure for release of CFA based on average PLF over a period of atleast three months shall be applicable: -</p> <table><tr><th>Average achieved minimum 3 consecutive months</th><th>PLF during</th><th>% of eligible CFA</th></tr><tr><td>≥80%</td><td></td><td>100%</td></tr><tr><td>≥ 60% and < 80%</td><td></td><td>80%</td></tr><tr><td>≥ 50% and < 60%</td><td></td><td>60%</td></tr><tr><td><50%</td><td></td><td>0%</td></tr></table>	Average achieved minimum 3 consecutive months	PLF during	% of eligible CFA	≥80%		100%	≥ 60% and < 80%		80%	≥ 50% and < 60%		60%	<50%		0%	<p>after achieving (during continuous running of 24 hours) 80% of the rated capacity or maximum eligible capacity whichever is lesser.</p> <p>In cases, where developer fails to operate the plant at minimum 80% of the rated capacity or maximum CFA eligible capacity whichever is lesser during performance inspection of the plant by the inspection agencies, the below-mentioned pro-rata based disbursement will be made based on the percentage output achieved.</p> <p>For example:</p> <p>>80% PLF - 100% of eligible CFA</p> <p>If 73% PLF - CFA would be on pro-rata basis i.e.,</p> <p>$(100 \times 73) / 80 = 91.25\%$ of eligible CFA</p> <p>However, no CFA will be given if the PLF is < 50%.</p> <p>The claim for CFA shall be made within 18 months from the date of commissioning or the date of In-principle approval of CFA (whichever is later).</p> <p><i>Note: The second instalment for release of the eligible CFA will be calculated after deducting the first instalment of 50%.</i></p>
Average achieved minimum 3 consecutive months	PLF during	% of eligible CFA														
≥80%		100%														
≥ 60% and < 80%		80%														
≥ 50% and < 60%		60%														
<50%		0%														
<p>2. Performance Inspection of a Waste-to-Energy project:</p>																
<p>4.4 (i) Inspection team will visit the plant for performance inspection based on request from the developer. The performance inspection of the plant will have to be carried out within 18 months from the date of commissioning beyond which “In-Principle” approval will be cancelled except in those cases where reason(s) of delay in inspection is (are) beyond the control of Developer. For such cases, an extension of suitable period over the</p>	<p>4.4 (i) Inspection team will visit the plant for performance inspection based on request from the developer after successful commissioning. The performance inspection of the plant will have to be carried out within 18 months from the date of commissioning or within 18 months from the date of issue of ‘In-principle’ approval, whichever is later. In case of delay in inspection where reasons for delay in inspection are beyond the control of Developer, an extension of suitable period</p>															

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<p>original performance inspection period can be granted by Secretary, MNRE provided an application is made by the developer, with supporting documents, before the completion of original inspection period of 18 months as given above.</p> <p>4.4 (ii) The developer may choose any one of the following agencies for inspection of the plant: -</p> <p>(a) Concerned State Nodal Agencies for Renewable Energy (SNAs); or</p> <p>(b) Sardar Swaran Singh National Institute of Bio-Energy (SSS-NIBE); or</p> <p>(c) Biogas Technology Development Centre (BTDC) (List at Annexure-VIII).</p>	<p>over the original performance inspection period can be granted by Secretary, MNRE based on application submitted by the developer, prior to the deadline of inspection along with justification.</p> <p>4.4 (ii) Sardar Swaran Singh National Institute of Bio-Energy (SSS-NIBE) shall do a joint inspection along with Concerned State Nodal Agencies for Renewable Energy (SNAs) or with Biogas Technology Development Center (BTDC) (List at Annexure-VIII) or any empanelled agency by MNRE. Subject expert from Government Institute may be involved for monitoring plant operation post release of CFA.</p> <p>The Joint inspection team has to visit the facility and submit inspection reports both, prior to 50% release of CFA after obtaining the Consent to Operate (CTO) certificate from State Pollution Control Board, and secondly, prior to the release of remaining CFA.</p> <p>If the developer does not opt for advance CFA, only one single inspection report will be needed to submit by inspection agencies.</p>
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4. Powers to relax any of the provisions in the WTE Scheme guidelines dated 02.11.2022, 28.02.2020 and 30.07.2018, would vest with Hon'ble Minister of New & Renewable Energy.
5. Remaining contents of the Guidelines for the WTE Scheme dated 02.11.2022, 28.02.2020 and 30.07.2018 shall remain unchanged.
6. This issues w.r.t. Department of Expenditure's OM dated 30.04.2025 and with the approval of Hon'ble Minister of New & Renewable Energy.

Bikash
27/6/2025

(Bikash Upadhyaya)
Scientist 'C'

Email: bikash.mnre@gov.in

Phone No.: 011 20849092

To (through website of the Ministry):

1. All Central Government Ministries and Departments
2. Renewable Energy/Power/Energy Departments of all States & UTs
3. Principle Director of Audit, Scientific Audit-II, DGACR Building, I.P.Estate, Delhi-110002
4. CMD, Indian Renewable Energy Development Agency Limited (IREDA), 3rd Floor, August Kranti Bhawan, Bhikaji Cama Place, New delhi-110066
5. State Nodal Agencies (SNAs) of all States/UTs
6. Biogas Technology Development Centres (BTDCs)

Copy To:

1. PS to Hon'ble Minister of Power and New and Renewable Energy
2. PS to Hon'ble Minister of State for New and Renewable Energy
3. PPS to Secretary, MNRE
4. PPS to Additional Secretary, MNRE
5. All Group Heads, MNRE
6. Sh. L.K. Trivedi, Director (PFC-I), Department of Expenditure, Ministry of Finance, North Block, New Delhi-110001
7. Chief Controller of Accounts, MNRE
8. PAO, MNRE
9. DS(IFD), MNRE
10. DDO, MNRE
11. Director (NIC) – for uploading on website of the Ministry

Bikash
27/6/2025

(Bikash Upadhyaya)
Scientist 'C'

Email: bikash.mnre@gov.in

Phone No.: 011 20849092

ANNEXURE - VIII

LIST OF BIOGAS DEVELOPEMNT & TRAINING CENTER (BDTCS)

1. Head, BDTC, Department of Mechanical Engineering, Indian Institute of Technology, Guwahati-781039, Assam. Email: lopab@iitg.ac.in
2. Head, BDTC, Centre for Rural Development & Technology (CRDT), Indian Institute of Technology, Delhi-110016. Email: vkvijay@rdat.iitd.ernet.in; ram.chandra6dec@gmail.com
3. Head, BDTC, Department of Civil Engineering, Punjab Agricultural University (PAU), Ludhiana- 141004, Punjab. Email: sssooch@rediffmail.com
4. Head, Coordinator, BDTC, Deptt. Of Renewable Energy Engineering, College of Technology & Engineering (CTAE), Maharana Pratap University of Agriculture and Technology (MPUAT), Udaipur- 313001. Email: nlpanwar@rediffmail.com
5. Head, BDTC, Centre of Energy Studies and Research (CESR), Devi Ahilya Vishwavidyalaya (DAVV), Indore-452017, Madhya Pradesh Email: cesrdirector@gmail.com
6. Head, BDTC, School of Biotechnology, Kalinga Institute of Industrial Technology (KIIT) University, Campus-XI, Bhubaneswar-751024. Email: smishra@kiitbiotech.ac.in,
7. Head, BDTC, Department of Agricultural Engineering, University of Agricultural Sciences (UAS), Gandhi Krishi Vignana Kendra (GKVK), Bangalore- 560065, Email: hod.agengg.uasb@gmail.com; vkgouda@gmail.com
8. Head, BDTC, Department of Bio Energy, Agricultural Engineering College & Research Institute, Tamil Nadu Agricultural University (TNAU), Coimbatore-641003, Tamil Nadu. Email: bioenergy@tnau.ac.in,

E. File No.19/25/2024-Biomass Power Division
Government of India
Ministry of New and Renewable Energy
Biomass Power Division

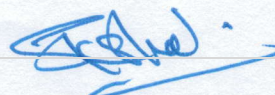
Atal Akshay Urja Bhawan, Opp. CGO Complex
 Lodhi Road, New Delhi-110003
 Dated: 27.06.2025

OFFICE MEMORANDUM

Sub: Revision in Guidelines for the Biomass Programme under the Umbrella scheme of National Bioenergy Programme for duration of FY 2021-22 to 2025-26 (Phase-I) notified on 02.11.2022.

In continuation to the Administrative Approval for implementation of Biomass Programme under Umbrella Scheme of National Bioenergy Programme for duration of FY 2021-22 to 2025-26 (Phase-I) notified on 02.11.2022, the following clauses of the Guidelines for the Biomass Programme are amended/dropped:

S. N.	Clauses in Current Guidelines	To be read as
1.	<u>Annexure-I</u> <u>Part A: List of documents required for in-principle approval of proposals</u> i. For Briquette/Pellet Manufacturing Plants: d. Techno-economic Feasibility Report (for projects based on debt/loan) as governed by clause 4.6(ii)	This clause stands omitted
2.	<u>Annexure-I</u> <u>Part A: List of documents required for in-principle approval of proposals</u> i. For Briquette/Pellet Manufacturing Plants: e. Latest high resolution photographs of the site (with time stamp)	This clause stands omitted.
3.	<u>Annexure-I</u> <u>Part B: List of documents required for release of CFA</u> i. For Briquette/Pellet Manufacturing Plants: e. EIA clearance (wherever applicable)	This clause stands omitted.

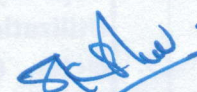


S. N.	Clauses in Current Guidelines	To be read as
4.	<p><u>Annexure-I</u></p> <p><u>Part B: List of documents required for release of CFA</u></p> <p>i. For Briquette/Pellet Manufacturing Plants:</p> <p>f. Copy of contract agreement for sale of briquettes / pellets for a minimum period of two years</p>	<p><u>Annexure-I</u></p> <p><u>Part B: List of documents required for release of CFA</u></p> <p>i. For Briquette/Pellet Manufacturing Plants:</p> <p>f. Copy of Offtake/Sale agreement for sale of briquettes / pellets is to be submitted.</p>
5.	<p><u>Annexure-I</u></p> <p><u>Part B: List of documents required for release of CFA</u></p> <p>i. For Briquette/Pellet Manufacturing Plants:</p> <p>h. Details of SCADA/remote monitoring system installed by Plant.</p>	<p><u>Annexure-I</u></p> <p><u>Part B: List of documents required for release of CFA</u></p> <p>i. For Briquette/Pellet Manufacturing Plants:</p> <p>h. Details of IoT based monitoring solution or undertaking to share data of biomass briquette/pellet manufactured on quarterly basis.</p>
6.	<p>3.0 Terms and Conditions</p> <p>3.9 Central financial assistance from any other Ministry or department of the Central Govt. should not be claimed for proposed plant for which application has been submitted to this Ministry.</p>	<p>3.0 Terms and Conditions</p> <p>3.9 Applicant seeking capital subsidy from this Ministry for the proposed plant shall not claim capital subsidy from any other Ministry or Department of the Central Government for the same plant.</p>
7.	<p>4.3 Commissioning of the Plant:</p> <p>ii. After submission of application in the BioURJA portal, if a developer intends to commission the plant before in-principle approval to the proposal is accorded by MNRE, a prior intimation of commissioning of the project to the Implementing Agency is mandatory. However, in-principle approval of the project shall be subject to fulfilment</p>	<p>4.3 Commissioning of the Plant:</p> <p>ii. After submission of application in the BioURJA portal, if a developer commissions the plant, the developer has to update the status of the plant as commissioned on the BioUrja Portal.</p>

S. N.	Clauses in Current Guidelines	To be read as										
	of the eligibility conditions mentioned in this scheme guideline.											
8.	<p>4.4 Performance Inspection:</p> <p>iii. Performance testing of Briquette/Pellet Manufacturing Plants would inter-alia imply the following:-</p> <p>(a) Operation of the plant at an average of 80% of rated capacity measured over a period of three consecutive days (taking average 16 Hrs per day as standard operating hours), and</p> <p>(b) Operation of the plant at an average of 70% of rated capacity measured over a period of three consecutive months (taking average 16 Hrs per day as standard operating hours).</p>	<p>4.4 Performance Inspection:</p> <p>iii &v:</p> <p>The Performance testing of Briquette/Pellet Manufacturing Plants would inter-alia imply the following: -</p> <p>Operation of the plant at an average of 80% of rated capacity measured over continuous period of 10 hrs for eligibility to receive 100% CFA.</p> <p>In cases, where developer fails to operate the plant at minimum 80% of the rated capacity during performance inspection of the plant by the inspection agency, the below-mentioned pro-rata-based disbursement will be made based on the percentage output achieved.</p> <p>For example:</p> <p>≥ 80% CUF - 100% of eligible CFA</p> <p>If 73% CUF - CFA would be made on pro-rata basis i.e., (100*73)/80=91.25% of eligible CFA</p> <p>However, if the CUF<50%, the % of CFA shall be 0%.</p> <p>*Capacity Utilization Factor (CUF) = Total Briquette/pellet generation in 10 hrs (in metric tons)/ [Rated Capacity of plant (in metric tons per hour) *10 Hrs]</p> <p>In addition to that one Minute video and Geotagged photos shall be submitted by the inspecting agencies along with the inspection report.</p>										
9.	<p>4.4 (v) The Briquette/pellet manufacturing plant should fulfil the conditions mentioned in clause 4.4 (iii) (a) and clause 4.4 (iii)(b) above to become eligible for full release of CFA. In case of any variation in fulfilment of the conditions of clause 4.4 (iii) (b), following graded structure based on average capacity utilisation factor over a period of three months shall be used, for release of CFA:</p> <table><tr><th>Average Capacity Utilization factor (CUF)* over 3 months</th><th>% of eligible CFA</th></tr><tr><td>CUF ≥70%</td><td>100%</td></tr><tr><td>60% ≤ CUF<70%</td><td>80%</td></tr><tr><td>50% ≤ CUF <60%</td><td>60%</td></tr><tr><td>CUF<50%</td><td>0%</td></tr></table> <p>*Capacity Utilization Factor over three months= Total Briquette/pellet generation in three months (in</p>	Average Capacity Utilization factor (CUF)* over 3 months	% of eligible CFA	CUF ≥70%	100%	60% ≤ CUF<70%	80%	50% ≤ CUF <60%	60%	CUF<50%	0%	
Average Capacity Utilization factor (CUF)* over 3 months	% of eligible CFA											
CUF ≥70%	100%											
60% ≤ CUF<70%	80%											
50% ≤ CUF <60%	60%											
CUF<50%	0%											

S. N.	Clauses in Current Guidelines	To be read as
	<i>metric tons)/ [Capacity of plant (in metric tons per hour) *16 Hrs per day* total no. of days in three months].</i>	

2. The Ministry revised the rate of CFA for pellet manufacturing plants with the incorporation of Non-Torrefied and Torrefied Pellet manufacturing plant component vide OM No. 238/14/2023-Biomass Power Division dated 16.07.2024. The revised rates of CFA as per the said OM dated 16.07.2024, for both Non-torrefied and Torrefied pellets manufacturing plant, will be applicable for plants using new machineries for exclusively manufacturing Pellets only (torrefied or non-torrefied) and not both Briquettes and Pellets by the same machine.
3. Applicants applying on Bio-Urja portal for availing CFA for manufacturing Biomass Pellets (both non-torrefied and torrefied) from the NCT of Delhi, States of Punjab and Haryana and NCR Districts of Rajasthan and UP, are hereby informed that the Central Board of Pollution Control (CPCB), Ministry of Environment, Forest and Climate Change, Government of India has a Scheme for Pelletization (both non-torrefied and torrefied) wherein a higher CFA for manufacturing pellets for these regions compared to MNRE Biomass Scheme and the applicants from these regions can avail CFA from either of the two Schemes. However, the developer from these regions will have to submit a duly notarized Undertaking in original (on a non-judicial stamp paper of Rs. 500/-) as per the format given in Annexure-A of this OM.
4. The above revisions shall be applicable to all the projects sanctioned under Biomass Component of the National Bioenergy Programme Phase-I of MNRE notified on 02.11.2022.
5. Remaining contents of the Guidelines for the Biomass Programme dated 02.11.2022 shall remain unchanged.
6. This issues with the approval of Department of Expenditure and Hon'ble Minister of New & Renewable Energy.


(S.K. Shahi)
Scientist 'E'

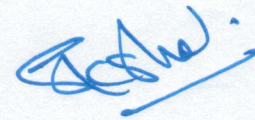
To (through website of the Ministry):

1. All Central Government Ministries and Departments
2. Renewable Energy/Power/Energy Departments of all States & UTs
3. Principle Director of Audit, Scientific Audit-II, DGACR Building, I.P.Estate, Delhi-110002
4. CMD, Indian Renewable Energy Development Agency Limited (IREDA), 3rd Floor, August Kranti Bhawan, Bhikaji Cama Place, New delhi-110066
5. State Nodal Agencies (SNAs) of all States/UTs

6. Sardar Swaran Singh National Institute of Bioenergy (SSS-NIBE), Kapurthala, Punjab
7. Heads of Banks/Financial Institutions

Copy To:

1. PS to Hon'ble Minister of Power and New and Renewable Energy
2. PS to Hon'ble Minister of State for New and Renewable Energy
3. PPS to Secretary, MNRE
4. PPS to Additional Secretary, MNRE
5. All Group Heads, MNRE
6. Sh. L.K. Trivedi, Director (PFC-I), Department of Expenditure, Ministry of Finance,
North Block, New Delhi-110001
7. Chief Controller of Accounts, MNRE
8. PAO, MNRE
9. DS(IFD), MNRE
10. DDO, MNRE
11. Director (NIC) – for uploading on website of the Ministry



Annexure-AUndertaking

I/We 'M/s <developer>' do hereby solemnly declare and affirm as under:

The Pellet manufacturing equipment/plant for which Central Financial Assistance (CFA) is being applied are new and CFA for this Pellet manufacturing equipment/plant under reference has not been availed from the Central Board of Pollution Control (CPCB), Ministry of Environment, Forest and Climate Change, Government of India 'Scheme for grant of one time financial support under the Environmental Protection Charge (EPC) Funds for establishment of Pelletisation and torrefaction plants to promote utilization of paddy straw'.

2. In case of violation of the above, the Ministry of New and Renewable Energy (MNRE) shall be entitled to recover the CFA released by MNRE with interest from us.

Authorized Signatory
(Sign & stamp)

Name:
Designation:

