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

	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: - **Average PLF achieved during minimum 3 consecutive months** / **% of eligible CFA** ≥80% / 100% ≥ 60% and < 80% / 80% ≥ 50% and < 60% / 60% <50% / 0%	after achieving (during continuous running of 24 hours) 80% of the rated capacity or maximum eligible capacity whichever is lesser. 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. For example: >80% PLF - 100% of eligible CFA If 73% PLF - CFA would be on pro-rata basis i.e., (100*73)/80 = 91.25% of eligible CFA However, no CFA will be given if the PLF is < 50%. 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). ***Note:*** *The second instalment for release of the eligible CFA will be calculated after deducting the first instalment of 50%.*
2.	**Performance Inspection of a Waste-to-Energy project:**	
	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	**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

	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. **4.4 (ii)** The developer may choose any one of the following agencies for inspection of the plant: - (a) Concerned State Nodal Agencies for Renewable Energy (SNAs); or (b) Sardar Swaran Singh National Institute of Bio-Energy (SSS-NIBE); or (c) Biogas Technology Development Centre (BTDC) (List at Annexure-VIII).	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. **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. 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. If the developer does not opt for advance CFA, only one single inspection report will be needed to submit by inspection agencies.

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

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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

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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 ,