

Reference: CBEII/ 2023/ LTR/028A

Date: 29th November 2023

Shri Dinesh Dayanand Jagdale
Joint Secretary
Ministry of New and Renewable Energy
Atal Akshaya Urja Bhawan, CGO Complex,
Lodhi Road, New Delhi – 110003, India.
Email id: d.jagdale@gov.in ; djagdale@yahoo.com
Tel: 011- 20849052/ 20849053.

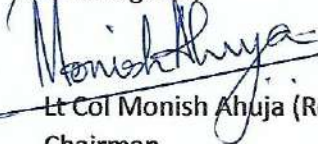
Reference: CBEII/2023/LTR/028, Date: 05th September 2023 (enclosed)
Subject: Renewable Thermal Energy: Biomass to Steam Energy

Dear Sir,

1. We thank you for the continued support of the Ministry of New and Renewable Energy towards recognition and promulgation the various forms of Biomass energy as a net carbon neutral clean and Renewable Energy in various policy documents and communications.
2. We, Confederation of Biomass Energy Industry of India (CBEII) an apex industry body representing all stakeholders of the Biomass Industry would like to draw your kind attention to **CBEII letter CBEII/2023/LTR/028, Date: 05th September 2023** to Shri Raj Kumar Singh, Hon'ble Cabinet Minister (Power, New & Renewable Energy), MNRE cc to Shri Bhupender Yadav, Hon'ble Cabinet Minister, MoEF&CC.
3. With reference to the above letter and forward letter received from Ministry MoEF&CC to Secretary MNRE for further consideration and action. We request your good office to kindly let us know if any further information is required for the same.
4. As an Industry body we urge your good office to accord recognition for RE projects generating thermal energy / steam energy with requisite CFA under the Programme for setting up Waste to Energy plants / RE projects supported & promoted by MNRE, thereby accelerating India's net zero commitment.
5. We look forward for a favourable consideration for resolve sustainability issues and decarbonising India under guiding and supporting orders to the public and private sectors to launch emission reduction projects to help secure a healthy and prosperous future for India and the world.
6. We on behalf of CBEII and the Biomass Industry, seek time from your good office to have a detail discussion on the suggestion submitted.
7. Looking forward for your positive response.

Jai Hind!

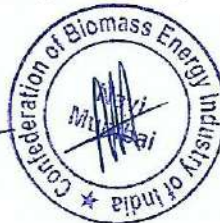
Kind regards,


Lt Col Monish Ahuja (Retd)

Chairman
CBEII

Mob: +91 88980 57100 / +91 90046 73858

Email: monishahuja@cbeii.org ; monishahuja@prespl.com



Encl : CBEII Letter: CBEII/2023/LTR/028, Date: 05th September 2023

Ref: CBEII/2023/LTR/028

Date: 05th September 2023

Shri Raj Kumar Singh,
Hon'ble Cabinet Minister (Power, New & Renewable Energy)
Ministry of New and Renewable Energy,
Block-14, CGO Complex, Lodhi Road,
New Delhi-110 003, India.
Email ID- minister-power@gov.in ; raj.ksingh@gov.in
Tel: 011-23717474, 011-23710411, 011-23710065.

Reference:

- 1) **MNRE LETTER No 19/34/2019-Biomass Power Division dt 23rd July 2019, Clarification regarding use of heat produced through Renewable Sources as renewable energy (copy attached).**

Subject: Renewable Energy Thermal : Biomass to Steam Energy

Dear Sir,

Introduction

1. We thank you for the continued support for continuation of National Biogas-Bioenergy & Waste to Energy projects under Ministry of New and Renewable Energy over the period of 2021-22 to 2025-26 and efforts by both the Central and State Governments, the private sector and Institutions to engage Farmers to use agro-waste for generation of Clean Biomass -Biofuel Energy and further addressing concerns over utilization of agri-residue based Biomass Briquettes as carbon neutral and sustainable green fuel for Boilers and Eco Crematoriums.
2. We, **Confederation of Biomass Energy Industry of India (CBEII)** an apex industry body representing all stakeholders of the Biomass Industry would like to draw your kind attention for ***recognition of Biomass to Steam / Energy & various Renewable Energy projects to be reported for National SDGs with global recognition and prominence of such RE projects & appropriate CFA scheme to be developed by MNRE for providing incentive and impetus to the growth of the Renewable Thermal Bio Energy sector.***

Background:

3. Ministry of New and Renewable Energy, Ministry of Power, MoEF&CC, TERI, CAQM, CPCB, British High Commission, New Delhi, India and UNFCCC framework, etc. have recognized the various forms of Biomass energy as a net carbon neutral clean and Renewable Energy in various policy documents and communications.
4. Clarification letter from Ministry of New and Renewable Energy ***No 19/34/2019-Biomass Power Division dt 23rd July 2019***, specifying Energy /Steam harnessed from Biomass Boilers has been declared as Renewable Energy.
5. The Ministry of Power & CEA has set up a "National Mission on use of Biomass in coal based thermal power plants and have been amending same from time to time to promulgate use of Biomass.
6. MOEF&CC has also issued gazette notification dtd. 16th February 2023 for min 5% use of biomass for Coal based PP and compensating for same.



7. As per Mckinsey & Company report on Decarbonising India: Charting a pathway for sustainable growth, Dtd. 27th Oct 2022 despite low per-capita emissions (1.8 tons CO₂), India is the third-largest emitter globally, emitting a net 2.9 gigatons of carbon-dioxide equivalent (GtCO₂e) every year as of 2019. The bulk of these emissions (about 70 percent) are driven by six sectors: Power, Steel, Automotive, Aviation, Cement, And Agriculture.
8. At COP 26, India announced its ambition to become a net-zero emitter by 2070 and is working towards its important milestone in the fight against climate change the transition though difficult is feasible and need acceleration. Through various emission-reduction initiatives from Central and State Government, mandate and strict orders from statutory bodies and institutions India has a long way to reach net zero scenario with global net-zero ambition of decarbonising by 2050.
9. The physical manifestations of climate change are increasingly visible across the globe, and India is not untouched. More than 75 percent of India's districts—home to 638 million people, or 1.4 times the population of the European Union (EU)—are categorized as hotspots for extreme climate events already. India has acknowledged this threat in multiple forums.

Financial Assistance Schemes

10. MNRE provides Central Financial Assistance (CFA) and fiscal incentives to facilitate the development of Biomass power generation projects and bagasse cogeneration projects.
11. CFA for Briquette/Pellet manufacturing and Biomass (non-bagasse) based projects (Valid up to 31 March 2026).

Project Type	Capital Subsidy
Briquette / Pellet Manufacturing plants	Rs. 9 Lakh per MTPH (metric ton/hour) manufacturing capacity (maximum CFA of Rs 45 Lakhs per plant)
Biomass (Non-bagasse) cogeneration projects	Rs. 40 Lakhs/MW (on Installed Capacity) (maximum CFA of Rs. 5 Crores per project)

Problem Statement

12. Yet there is no support of CFA towards RE projects wherein Renewable Energy Steam / Thermal Energy is produced and such large number of projects are set up albeit without CFA and without recording and reporting of such RE projects by MNRE -> this is an anomaly which needs to be suitably addressed and the good work done by India in RE projects generating steam / thermal energy need to be reported along with suitable SDG's credit mechanism to be accorded for such RE projects. **India is reporting only GWe, whereas GWth reporting is being missed out.**

Suggested Solution / Resolution

13. Our Honourable Prime Minister, Shri Narendra Modi has given the clarion call of "***Ann data se Oorja data***" and in several of his addresses highlighted the great potential of Biomass as a source of renewable energy.
14. India is leading the world by announcing Global Biofuel Alliance under the G20 framework, which merits India leading the showing the way to the G20 countries on many ways in which the Biofuels are generated and utilised.



15. Biomass energy has been recognised as a net carbon neutral, clean and renewable energy in various policy documents and communications, **CBEII strongly recommends Biomass to Thermal Steam Energy to be recognised and mentioned across RE projects reports, climate mitigation reports and statistics being published by Govt of India. Besides the RE GWe reporting, India also needs to report GWth which is being generated utilising biomass & other RE sources.**

Request for your attention

16. We Confederation of Biomass Energy Industry of India (CBEII) as an Industry body urge your good office to accord recognition for RE projects generating thermal energy / steam energy with requisite CFA under the Programme for setting up Waste to Energy plants / RE projects support & promoted by MNRE, thereby accelerating India's net zero commitment.
17. Looking forward to favourable consideration for resolve sustainability issues and decarbonising industries in India under your leadership, guiding and supporting the public and private sectors to launch emission reduction projects to help secure a healthy and prosperous future for India and the world.
18. We on behalf of CBEII and the Biomass Industry, seek time from your good office to have a detail discussion on the suggestion submitted.
19. Looking forward for your positive response.

Jai Hind!

Kind regards,


Lt Col Monish Ahuja (Retd)

Chairman

CBEII

Mob: +91 88980 57100 / +91 90046 73858

Email: monishahuja@cbeii.org ; monishahuja@prespl.com

Encl: MNRE LETTER No 19/34/2019-Biomass Power Division dt 23rd July 2019

Cc

1. Shri Bhupender Yadav

Hon'ble Cabinet Minister of Environment, Forests & Climate Change,

Hon'ble Cabinet Minister for Labour

Indira Paryavaran Bhawan, Akash Wing, 4th floor,

Jor Bagh Road, New Delhi-110003.

Tel: 011- 24695132, 24695136

Email Id: mfcc@gov.in , bhupender.yadav@sansad.nic.in ; office@bhupendervadav.in



2. **Shri Bhagwanth Khuba**
Hon'ble Minister of State, (New and Renewable Energy, Chemicals and Fertilizers)
Ministry of New and Renewable Energy
Block-14, CGO Complex,
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3. **Shri Bhupinder Singh Bhalla (IAS)**
Secretary MNRE, Government of India
Ministry of New and Renewable Energy
Floor-7, 701, Phase-I, Atal Akshay Urja Bhawan
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New Delhi - 110 003, India.
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4. **Shri Pankaj Agarwal (IAS)**
Secretary Power, Government of India
Ministry of Power
Room no. 204-205, Shram Shakti Bhawan, Rafi Marg,
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5. **Ms. Leena Nandan, IAS**
Secretary, Minister of Environment, Forest and Climate Change
Indira Paryavaran Bhawan, Prithvi Wing, 4th floor,
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Tel: +91-11- 20819308, +91-11-20819408
Email id: secy-moef@nic.in



**No. 19/34/2019-Biomass Power Division
Government of India
Ministry of New and Renewable Energy**

**Block No.14, CGO Complex
Lodhi Road, new Delhi-110003
Dated 23.07.2019**

To

1. Chief Secretaries of State Governments/Union Territories
2. Principal Secretaries (energy) of State Governments/Union Territories

Subject: Clarification regarding use of heat produced through Renewable Sources as renewable energy.

Sir,

I am directed to invite your attention to the above mentioned subject and state that harnessing of energy from solar, wind, small hydro, biomass and waste has been declared as Renewable Energy (RE). The energy from these sources is utilized for producing electricity and heat. Some of the States have expressed a doubt whether the usage of heat in the form of steam produced from biomass or solar can be catagorised as renewable energy.

The issue has been examined in the Ministry and it is, hereby, clarified that electricity or heat produced and used in any form from these sources, for chilling, cooling, producing steam, drying, cooking etc., qualify for being categorized as Renewable Energy.

This issues with the approval of competent authority.

Yours faithfully,



(K.Salil Kumar)

Deputy Secretary to the Government of India

Copy to:

1. Sr.PPS to Secretary, MNRE
2. Sr. PPS to JS(ANS)

CBEII letter 028-23

F. No. CC-13008/359/2023-CC
Government of India
Ministry of Environment, Forest and Climate Change
(Climate Change Division)

3rd Floor, Prithvi Wing
Indira Paryavaran Bhavan,
Jor Bagh Road, New Delhi-110003

Dated: 23-11-2023

To,
The Secretary,
Ministry of New and Renewable Energy,
Atal Akshaya Urja Bhawan, CGO Complex,
Lodhi Road, New Delhi - 110003, India

Subject: Forwarding letter received from Lt. Col Munish Ahuja, Chairman, Confederation of Biomass Energy Industry of India (CBEII) on the subject of Renewable Energy Thermal: Biomass to Steam Energy - regarding.

Sir,

The undersigned is directed to forward a letter (copy enclosed) of Lt. Col Munish Ahuja, Chairman, Confederation of Biomass Energy Industry of India (CBEII) received in this Division on the subject of Renewable Energy Thermal: Biomass to Steam Energy for consideration and the action, as appropriate.

2. It has approval of the Competent Authority.

Yours faithfully,

(Shard)

Additional Director/Scientist 'E'

Tel.011-20819377

Copy to:

Lt. Col Munish Ahuja, Chairman, Confederation of Biomass Energy Industry of India (CBEII)