

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 3580
ANSWERED ON 10.08.2023

WASTE TO ENERGY PROGRAMME

3580. SHRI GAURAV GOGOI

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) the details of utilization of funds of Central Financial Assistance (CFA) for Waste to Energy Programme from April 2022 to March 2023, project-wise;
- (b) whether the Government has data on the establishment of new biomethanation plants under the Waste to Energy Programme;
- (c) if so, the details of biomethanation plants in the country, State/UT-wise;
- (d) the steps taken by the Government to set up the biomethanation plants, State-wise;
- (e) whether the Government has developed any monitoring mechanism for the plants which get Central Financial Assistance under Waste to Energy Programme; and
- (f) if so, the details thereof and if not, the reasons therefor?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER
(SHRI R.K. SINGH)

(a) Details of Central Financial Assistance (CFA) disbursed for setting up of Waste to Energy projects under Waste to Energy Programme from April 2022 to March 2023 are given at **Annexure-I**.

(b) & (c) List of new biomethanation plants established with support of CFA under Waste to Energy Programme during FY 2022-23 & FY 2023-24, as on 31.07.2023 is given at **Annexure-II**.

(d) The Government of India has taken several initiatives to set up biomethanation plants across the country which, *inter alia*, include the following:

(i) The Ministry of New and Renewable Energy has notified the National Bioenergy Programme in November, 2022 with budgetary outlay of Rs. 1715 Crore for a period 01.04.2021 to 31.03.2026 to be implemented in two phases. The first phase has budget outlay of Rs. 858 Crore. This Programme supports setting up of Bioenergy plants by providing Central financial assistance.

(ii) The Ministry of Petroleum and Natural Gas has launched the Sustainable Alternative Towards Affordable Transportation (SATAT) initiative in October, 2018 which assures offtake of BioCNG/Compressed Biogas (CBG) after purification through Oil Marketing Companies (OMCs) for sale as automotive fuels.

(iii) Under the GOBARDHAN scheme implemented by Department of Drinking Water and Sanitation, Ministry of Jal Shakti, a financial assistance upto Rs. 50.00 lakh per district is available for setting up of community biogas plants in villages, blocks / district.

(iv) Finalization of standard 'Design, Construction, Installation and Operation of Biogas (Biomethane) Plant – Code of Practice'

(e) & (f) Under the Waste to Energy Programme guidelines dated 02.11.2022, inspection of the plants for performance monitoring for a minimum of 3 consecutive months by designated inspection agencies is required before the release of Central Financial Assistance including a continuous operation of the plant for at least 72 hours, during which the plant must maintain an average operational capacity of 80% of its rated capacity.

In addition, developers are required to share generation data of the Waste to Energy plants through SCADA System or a remote monitoring system to Ministry of New and Renewable Energy.

Annexure referred to in reply to part (a) of the LS USQ 3580 to be answered on 10.08.2023 regarding “Waste to Energy Programme”

Central Financial Assistance (CFA) disbursed for setting up of Waste to Energy Projects under Waste to Energy Programme from April 2022 to March 2023

State	Project Developer	Location of Plant	CFA disbursed (Rs in Cr)
Andhra Pradesh	M/s Gayatri Bio Organics Ltd.	East Godavri District, A.P.	0.42
Andhra Pradesh	M/s Jindal Urban Waste management (Vizag) Limited	Bheemunipatnam mandal, village, Vizag, Andhra Pradesh	50.00
Gujarat	APMC Ahmedabad	Ahmedabad, Gujarat	1.00
Gujarat	M/s Turquoise Bio Natural Energy Pvt Ltd	Village Ochhan, Amod, Bharuch, Gujarat	0.37
Haryana	M/s Amrit Fertilizers	Bada Gaon Road, Village Kunjpura, Distt. Karnal, Haryana	3.50
Telangana	M/s Gayatri Bio Organics Ltd.	Sadasivpet Mandal, Medak District, Telangana	0.33
Uttar Pradesh	M/s Purshottam Ram Foods Industries Pvt Ltd	Kumbhrawa Road, Lucknow, Uttar Pradesh	1.80
West Bengal	M/s. Pal Food Product	Dist. Murshidabad, West Bengal-742102	0.067
		Total	Rs 57.48 cr

Annexure referred to in reply to part (b) & (c) of the Lok Sabha USQ 3580 to be answered on 10.08.2023 regarding “Waste to Energy Programme”

New biomethanation plants established during FY 2022-23 & FY 2023-24 (as on 31.07.2023) which were provided CFA or granted In-principle approval of CFA under Waste to Energy Programme

State	Project Developer	Location of Plant	Type of plant	Plant Capacity (kg/day)
Haryana	M/s Amrit Fertilizers	Kunjpura, Distt. Karnal, Haryana	BioCNG	4200
Karnataka	M/s Leafiniti Bioenergy Private Limited	Jamakhandi Taluk, Bagalkot District, Karnataka	BioCNG	10200
Maharashtra	Jakraya Sugar Ltd.	Solapur, Maharashtra	BioCNG	20000
Maharashtra	Natural Sugar and Allied Industries Ltd	District Osmanabad, Ranjani, Maharashtra	BioCNG	5500
Maharashtra	NobleExchange Environment Solutions Pune LLP	Gat No 443, Ambinigade road, Village Ambi, Taluka Maval, PUNE	BioCNG	6000
Punjab	Verbio India Pvt. Ltd.	Vill. Bhutal kalan, Lehra Dugal, K-M Stone 7-8, Raidharana road, tehsil-Lehragaga, Sangrur, Punjab	BioCNG	33000
Tamil Nadu	Srinivas Waste Management Service Private Limited	Egmore, Part 1 Village, Egmore, Taluk, Chennai	BioCNG	4800
Uttar Pradesh	MITTAL ENTERPRISES	Village - Chittora Mahiuddinpur, Tehsil Garhmukteswar, District Hapur Pin	BioCNG	5600