

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 712
ANSWERED ON 07/12/2023
WASTE TO ENERGY PROGRAMME

712. SHRI P.P. CHAUDHARY
SHRI SANGAM LAL GUPTA
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SHRI PRATAP CHANDRA SARANGI

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

- (a) the details of the number of beneficiaries who received central financial assistance under each of the three sub-categories of the 'Waste to Energy Programme';
- (b) whether any entity from the State of Rajasthan, Uttar Pradesh, Gujarat and Odisha has been provided central financial assistance under the said programme;
- (c) if so, the details thereof;
- (d) whether the Government proposes to provide technical support to the beneficiary entities through any of its agencies;
- (e) if so, the details thereof and if not, the reasons therefor;
- (f) whether the Government has devised any mechanism to monitor and evaluate the outcomes/output of the plants which received central financial assistance under the said scheme; and
- (g) 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 under Waste to Energy Programme during FY 2018-19, FY 2019-20, FY 2020-21, FY 2021-22, FY 2022-23, and FY 2023-24 (as on 30.11.2023) for setting up of Waste to Energy projects, are given at **Annexure-I**.
- (b) to (c) Details of CFA released to project developers under Waste to Energy Programme for setting up Waste to Energy projects in the State of Uttar Pradesh, Rajasthan, Gujarat and Odisha, are placed at **Annexure-II**.
- (d) & (e) Eight Biogas Development and Training Centers (BDTCs) have been established at India's premier Institutions to provide Technical Assistance, R & D, Testing and Validation of New Biogas Models / Designs, field inspections of biogas plants, and training and skill development. Details of BDTCs are provided at **Annexure-III**.
- (f) & (g) 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 in reply to part (a) of the Lok Sabha unstarred Q. No. 712 to be answered on 07.12.2023 regarding “WASTE TO ENERGY PROGRAMME”:

State-wise details of Central Financial Assistance disbursed to project developers under Waste to Energy Programme during FY 2018-19, FY 2019-20, FY 2020-21, FY 2021-22, FY 2022-23, and FY 2023-24 (as on 30.11.2023), are given as below:

State	CFA disbursed to project developers (No. of projects)			
	Biogas	BioCNG	Power	Total
Andhra Pradesh	1	4	2	7
Gujarat	1	6	-	7
Haryana	-	2	-	2
Karnataka	-	1	-	1
Madhya Pradesh	1	-	-	1
Maharashtra	3	-	2	5
Tamil Nadu	-	1	-	1
Telangana	1	1	1	3
Uttar Pradesh	-	1	2	3
West Bengal	-	-	2	2
Grand Total	7	16	9	32

Annexure in reply to part (b) to (c) of the Lok Sabha unstarred Q No. 712 to be answered on 03.08.2023 regarding “WASTE TO ENERGY PROGRAMME”:

Details of CFA released by this Ministry during FY 2018-19, FY 2019-20, FY 2020-21, FY 2021-22, FY 2022-23, and FY 2023-24 (as on 30.11.2023), for setting up WTE projects in the State of Uttar Pradesh, Rajasthan, Gujarat and Odisha are given as below:

State	Developer of the project	CFA released to project developers (in Rs. Crores)
Gujarat	M/s Apex Green Energy Corporation	4.67
	M/s Turquoise Bio Natural Energy Pvt Ltd	4.67
	M/s Sayaji Industries Limited	1.00
	APMC, Ahmedabad	1.00
	M/s Shri Hari BioCNG & Fertilizer LLP	4.69
	M/s Agricultural Produce Market Committee, Surat	0.83
	M/s Goverdhannathji Energies LLP	3.00
Uttar Pradesh	M/s Purshottam Ram Foods Industries Pvt Ltd	1.80
	M/s Samagra Agro	0.82
	M/s. Amit Traders	0.04
Rajasthan	-	-
Odisha	-	-
Total		22.52

Annexure in reply to part (d) to (e) of the Lok Sabha unstarred Q No. 712 to be answered on 07.12.2023 regarding “WASTE TO ENERGY PROGRAMME”:

List of Biogas Development and Training Centers is given as below:

Sl. No	Name of BDTC	Location of BDTC
1.	Department of Mechanical Engineering, Indian Institute of Technology	North Guwahati, Guwahati, Assam- 781039
2.	Department of Agricultural Engineering, University of Agricultural Sciences, Bangalore	GKVK, Bangalore, Karnataka- 560065
3.	School of Energy and Env Studies, Devi Ahilya Vishwavidyalaya	Khandwa Road, Indore, Madhya Pradesh- 452017
4.	Department of Civil Engg. Punjab Agricultural University	Ludhiana, Punjab- 141004
5.	Department of Renewable Energy Engineering College of Technology & Agricultural Engineering, Maharana Pratap University of Agriculture & Technology	Udaipur, Rajasthan- 313001
6.	School of Biotechnology, Kalinga Institute of Industrial Technology (KIIT)	Bhubaneswar, Odisha- 751024.
7.	Agricultural Engineering and Research Institute, Tamilnadu Agricultural University.	Coimbatore, Tamil Nadu- 641003
8.	Centre for Rural Development & Technology, (CRDT), IIT Delhi	IIT Hauz Khas, New Delhi- 110016