

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-536
ANSWERED ON-04.02.2021

PRODUCTION FROM ENERGY PLANTS

536. SHRI VISHNU DATT SHARMA
SHRI DILESHWAR KAMAIT
SHRI JUGAL KISHORE SHARMA

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

- (a) whether energy plants for generating electricity, biogas, bio-CNG from solid waste are functioning across the country and if so, the details thereof along with the quantum of production/generation from these plants, State-wise;
- (b) whether the Government proposes to set up certain new energy plants;
- (c) if so, the details thereof; and
- (d) the details of number of plants proposed to be set up in Jammu & Kashmir, Madhya Pradesh and Bihar?

ANSWER

THE MINISTER OF STATE (I/C) FOR NEW & RENEWABLE ENERGY, POWER and MoS for SKILL DEVELOPMENT AND ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) A total of 219 Waste-to-Energy plants with aggregate capacity of 373.5 MWeq have been set up in the country to generate electricity or biogas or BioCNG from urban, industrial, agricultural waste/residues and municipal solid waste. The State-wise details of waste-to-energy plants set up, as on 31.12.2020, are given in **Annexure**.

(b) to (d) The Ministry of New and Renewable Energy, under “Programme on Energy from Urban, Industrial, Agricultural Wastes/ Residues and Municipal Solid Waste” provides assistance, including financial assistance to developers for setting up of Waste to Energy plants which produce Biogas or BioCNG or Power from Urban, Industrial and Agricultural Waste / Residues and municipal solid waste. As on 29.01.2021, under this Programme, this Ministry has issued sanction of CFA of Rs 48 Cr to 16 new Waste to Energy projects, with cumulative installed capacity of 15.12 MWeq, located in the States of Andhra Pradesh, Haryana, Gujarat, Karnataka, Maharashtra, Tamil Nadu, Telangana and Uttar Pradesh.

Annexure

**Annexure referred to in Reply to part (a) of the Lok Sabha unstarred Question No. 536
for 04.02.2021 regarding “Production from Energy Plants”**

“State/UT-wise number and installed capacity of Waste-to-Energy plants set up in the country, as on 31.12.2020”

S.No.	State/UT	Biogas projects (A)		BioCNG Projects (B)		Power projects (C)		Total Waste- to-Energy (A+B+C)	
		Installed Capacity (m3/day)	Nos.	Installed Capacity (kg/day)	Nos.	Installed Capacity (MW)	Nos.	Installed Capacity (MWeq)	Nos.
1.	Andhra Pradesh	90540	7	850	1	43.8	19	51.5	26
2.	Bihar	12000	1	-	-	-	-	1.0	1
3.	Chhattisgarh	-	-	400	1	0.3	1	0.4	2
4.	Delhi	-	-	-	-	52.0	3	52.0	3
5.	Goa	-	-	-	-	0.3	1	0.3	1
6.	Gujarat	24800	4	39538	7	11.3	10	21.6	21
7.	Haryana	-	-	4250	3	5.2	3	6.1	6
8.	Himachal Pradesh	12000	1	-	-	-	-	1.0	1
9.	Karnataka	58060	3	9521	3	7.8	6	14.6	11
10.	Kerala	2760	1	-	-	-	-	0.2	1
11.	Madhya Pradesh	27014	5	1200	1	17.8	5	20.3	11
12.	Maharashtra	144636	12	27723	4	29.9	16	47.7	32
13.	Punjab	34800	5	1847	1	14.9	7	18.2	13
14.	Rajasthan	-	-	4000	2	3.0	1	3.8	3
15.	Tamil Nadu	150218	28	-	-	11.6	8	24.1	35
16.	Telangana	37100	5	-	-	46.8	6	49.9	11
17.	Uttar Pradesh	62320	6	2000	1	44.6	22	50.2	29
18.	Uttarakhand	73260	6	5880	2	1.9	2	9.2	10
19.	West Bengal	14000	2	-	-	-	-	1.2	2
	Grand Total	743508	86	97209	26	291.34	110	373.5	219*

**3 projects are generating multiple outputs (Power & Biogas/BioCNG) counted as power projects.*