

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.1296
ANSWERED ON 09.02.2023**

GENERATION OF CLEAN ELECTRICITY

†1296. SHRI DULAL CHANDRA GOSWAMI:

**Will the Minister of POWER
be pleased to state:**

- (a) whether the Union Government is contemplating/has contemplated the possibility of generation of clean electricity from methane and Carbon-dioxide gas as a step towards green electricity;**
- (b) if so, the names of the places where such plants have been set up or likely to be set up; and**
- (c) whether such plants are working properly and if so, the details thereof?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) & (b): The Ministry of New and Renewable Energy has notified the National Bioenergy Programme for a period 01.04.2021 to 31.03.2026 with an outlay of Rs.858 crore under Phase-I. The National Bioenergy Programme comprises the following sub-schemes:

- i. Waste to Energy Programme**
- ii. Biomass Programme**
- iii. Biogas Programme**

Waste to Energy Programme and Biogas Programme, inter-alia, supports setting up of plants for generation of electricity based on biogas. Biogas is a mixture of gases, primarily methane and carbon-dioxide.

State-wise list of places where such plants have been set up are given at Annexure.

(c): The technologies for the generation of electricity from Biogas are well established and with sustained supply of requisite quality feedstock and proper operation & maintenance on regular basis, these plants can run properly and efficiently.

ANNEXURE REFERRED IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 1296 ANSWERED IN THE LOK SABHA ON 09.02.2023

State-wise details of installed capacity of Bio-gas to Power Projects set up in the country, as on 31.12.2022:

Sl. No.	States	No. of projects	Districts where in the projects are located in the State
1.	Andhra Pradesh	12	East Godavari, Krishna West Godavari Vizianagaram, isakhapatnam
2.	Chhattisgarh	1	Rajnandgaon
3.	Gujarat	10	Sabarkantha Rajkot Navangapura Bharuch Surat Ahmedabad Kutch
4.	Haryana	3	Palwal Panipat Jind
5.	Karnataka	5	Haveri Belgaum Mandya Mysore
6.	Madhya Pradesh	4	Raisen Jabalpur
7.	Maharashtra	16	Nanded Aurangabad Sangli Jalgaon Solapur Dhule Solapur Sangli Ahmednagar Raigad
8.	Punjab	7	Patiala Muktsar Pathankot Ludhiana Fazilka
9.	Rajasthan	1	Alwar
10.	Tamil Nadu	6	Salem Namakkal Chennai Tiruchirapalli Cuddalore
11.	Telangana	4	Khammam Nalgonda Nizamabad Warangal
12.	Uttar Pradesh	26	Basti Ghaziabad Rampur Lakhimpur Kheri Moradabad Muzaffarnagar Faizabad Gorakhpur Saharanpur Bijnor Bulandshahar Sitapur Lucknow
13.	Uttarakhand	2	Udhamsingh Nagar
	Grand Total	97	
