

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**STARRED QUESTION NO. 229**  
ANSWERED ON 16.03.2023

**BIO ENERGY PLANTS IN RURAL AREAS**

\*229. SHRI MANOJ TIWARI  
DR. NISHIKANT DUBEY

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

- (a) whether the bio energy plants in the rural areas of the country are functional or dormant and if so, the details thereof;
- (b) whether the Government proposes to increase the number of biogas plants in the country and if so, the details thereof
- (c) whether the Government also proposes to set biogas plants in every household of the farmers of the country as an additional source of energy; and
- (d) 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) to (d) A statement is laid on the Table of the House.

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## **STATEMENT**

**Statement referred to in reply to parts (a) to (d) of the Lok Sabha Starred Question No. 229 for 16.03.2023 regarding “BIO ENERGY PLANTS IN RURAL AREAS” by Shri Manoj Tiwari and Dr. Nishikant Dubey**

**(a):** The Ministry of New and Renewable Energy (MNRE) had carried out independent evaluation study to assess the functionality of small biogas plants installed during the year 2012-13 to 2016-17 in 10 States, which showed an overall functionality rate of 96.5%. Similarly, another independent evaluation study was carried out for small biogas plants installed during the year 2017-18 to 2019-20 in 13 States, where 96% of the biogas plants were found to be functional. The State-wise details of operational and non-operational plants as per the above studies have been given in **Annexure-I**.

**(b) to (d):** Under the Biogas Programme, MNRE is allocating annual targets for installation of small size biogas plants for households with the objective of utilizing biogas as a source of clean cooking fuel. The Biogas Programme has a provision of Central Financial Assistance (CFA) for setting up of small biogas plants, which ranges from Rs. 9800/- to Rs. 70,400/- per plant, based on size of the plant in cubic meter for small biogas plants (1 to 25 cubic meter biogas generation per day plant capacity). Besides this, financial support is also being provided for biogas skill development, etc.

**ANNEXURE-I REFERRED TO IN REPLY TO THE PARTS (a) OF THE LOK SABHA STARRED QUESTION NO. 229 TO BE ANSWERED ON 16.03.2023 ON “BIO ENERGY PLANTS IN RURAL AREAS”.**

<b>The details of State wise functionality of small biogas plants installed during the year 2012-13 to 2016-17 as per study report received in February, 2018</b>						
<b>Sl. No.</b>	<b>States</b>	<b>Total</b>	<b>Not Operating (N.O.)</b>	<b>Operating</b>	<b>% of N.O.</b>	<b>Operating (%)</b>
1	Assam	1345	129	1216	9.6%	90.4%
2	Chhattisgarh	539	46	493	8.5%	91.5%
3	Gujarat	487	7	480	1.4%	98.6%
4	Kerala	577	2	575	0.3%	99.7%
5	Maharashtra	2747	4	2743	0.1%	99.9%
6	Odisha	657	31	626	4.7%	95.3%
7	Punjab	1405	1	1404	0.1%	99.9%
8	Rajasthan	132	1	131	0.8%	99.2%
9	Sikkim	32	8	24	25%	75%
10	Telangana	947	85	862	9%	91%
<b>Grand Total</b>		<b>8868</b>	<b>314</b>	<b>8554</b>	<b>3.5%</b>	<b>96.5%</b>

<b>The details of State wise functionality of small biogas plants installed during the year 2017-18 to 2019-20 as per study report received in January, 2021</b>						
<b>Sl No.</b>	<b>States</b>	<b>Total</b>	<b>Not Operating (N.O.)</b>	<b>Operating</b>	<b>% of N.O.</b>	<b>Operating (%)</b>
1	Assam	637	149	488	23%	77%
2	Bihar	15	1	14	7%	93%
3	Gujarat	201	8	193	4%	96%
4	Jharkhand	20	4	16	20%	80%
5	Karnataka	1377	30	1347	2%	98%
6	Madhya Pradesh	893	-	893	0%	100%
7	Maharashtra	2050	21	2029	1%	99%
8	Meghalaya	24	1	23	4%	96%
9	Mizoram	57	1	56	2%	98%
10	Rajasthan	90	-	90	0%	100%
11	Tamil Nadu	75	-	75	0%	100%
12	Uttar Pradesh	72	-	72	0%	100%
13	Uttarakhand	285	1	284	0.4%	99.6%
<b>Grand Total</b>		<b>5796</b>	<b>216</b>	<b>5580</b>	<b>4%</b>	<b>96%</b>