

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 3933
TO BE ANSWERED ON 12.12.2019

BIOGAS PLANTS IN BACKWARD REGIONS

+3933. SHRI ASHOK KUMAR RAWAT

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

- (a) the number of biogas plants set up during the last three years particularly in backward and rural regions of the country, State/ UT-wise;
- (b) the number of the plants presently working including the number of plants laying closed in the said regions, State/ UT-wise ;
- (c) whether the gas stove is available in market, if so, the details thereof and if not, the reasons therefor ;
- (d) the details of biogas plants to be set up in current year particularly in the said regions, State/ UT-wise; and
- (e) the time by which the process is likely to be completed?

ANSWER

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

(SHRI R.K. SINGH)

(a) The Ministry of New and Renewable Energy (MNRE) is implementing the New National Biogas and Organic Manure Programme (NNBOMP) for setting up small biogas plants in remote, rural and semi-urban areas of the country. Under the NNBOMP scheme, about 125836 numbers of biogas plants have been set up during the last three years, (2016-17 to 2018-19). The State/ UT-wise detail of the biogas plants set up during the last three years is given in **Annexure-I**.

(b) Under the National Biogas and Manure Management Programme implemented during the year 2016-17 and 2017-18 and NNBOMP during the year 2018-19, a total of 125836 biogas plants have been set up. The report of the independent evaluation study carried out for 12th plan period , on sampling basis , revealed that about 96.5 % of the surveyed plants were found to be in working condition. The detail of the working and non-working biogas plants as brought out by the above mentioned study is given in **Annexure- II**. The detail of the working / non-working biogas plants inspected during the year 2016-17 to 2018-19 as reported, based on the inspections carried out by the Biogas Development and Training Centres , is given in the **Annexure- III**.

(c) Yes, Sir. Under the New National Biogas and Organic Manure Programme, ISI marked double burner biogas stoves having a minimum of 55 % thermal efficiency of each burner have been approved. Such biogas stoves are available in the market and the Programme Implementing Agencies of the States/ UTs are meeting the requirements of biogas stoves through various manufacturers in the country.

(d)&(e) The Ministry of New and Renewable Energy is implementing a Central Sector Scheme, the New National Biogas and Organic Manure Programme (NNBOMP) for setting up small biogas plants, based on cattle dung and other mixed wastes in remote, rural and semi-urban areas of the country. Under the NNBOMP, a target of setting up 76,000 small biogas plants has been fixed for the current year, 2019-20. The State/UT-wise details of targets fixed for the current year are given in **Annexure-IV**. The above annual targets have been set to be achieved by 31.03.2020.

ANNEXURE-I

ANNEXURE-I, REFERRED TO IN REPLY TO THE PART (a) OF THE LOK SABHA UNSTARRED QUESTION NO. 3933 TO BE ANSWERED ON 12.12.2019 ON “BIOGAS PLANTS IN BACKWARD REGIONS”.

State/ UT -wise numbers of biogas plants installed during the last three years (from 2016-17 to 2018-19) under the National Biogas and Manure Management Programme (NBMMP) and New National Biogas and Organic Manure Programme (NNBOMP).

Sl. No.	Name of States/Union Territories	Numbers of Biogas plants set up during last three years, 2016-17 to 2018-19
1.	Andhra Pradesh	12640
2.	Arunachal Pradesh	119
3.	Assam	15021
4.	Bihar	76
5.	Chhattisgarh	5579
6.	Goa	43
7.	Gujarat	3366
8.	Haryana	1142
9.	Himachal Pradesh	142
10.	Jammu & Kashmir	11
11.	Jharkhand	336
12.	Karnataka	17805
13.	Kerala	4797
14.	Madhya Pradesh	12620
15.	Maharashtra	31739
16.	Manipur	0
17.	Meghalaya	370
18.	Mizoram	668
19.	Nagaland	50
20.	Odisha	2751
21.	Punjab	7009
22.	Rajasthan	1082
23.	Sikkim	0
24.	Tamil Nadu	790
25.	Telangana	1955
26.	Tripura	164
27.	Uttar Pradesh	1113
28.	Uttarakhand	4050
29.	West Bengal	398
30.	KVIC, Mumbai (All States)	*
	Total	1,25,836

*** Note: the achievements of KVIC subsumed in the achievement of the respective States.**

ANNEXURE-II

ANNEXURE-II, REFERRED TO IN REPLY TO PART (b) OF THE LOK SABHA UNSTARRED QUESTION NO. 3933 FOR ANSWERING ON 12.12.2019 ON “BIOGAS PLANTS IN BACKWARD REGIONS”

Overall Working/ not working status of Biogas Plants set up during 12th Five Year Plan Period (2012-13 to 2016-17) under the National Biogas and Manure Management Programme (NBMMP) based on the Independent Evaluation Study report of February, 2018.

Overall operational Status - biogas plants						
Sl. No.	States	Total	Not Operating	Operating	% of N.O.	Operating (%)
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%
	Grand Total	8868	314	8554	3.5%	96.5%

ANNEXURE-III

ANNEXURE-III, REFERRED TO IN REPLY TO PART (b) OF THE LOK SABHA UNSTARRED QUESTION NO. 3933 FOR ANSWERING ON 12.12.2019 ON “BIOGAS PLANTS IN BACKWARD REGIONS”

State/ UT-wise details of the working/ non-working biogas plants inspected during 2016-17 to 2018-19 (Based on the inspections carried out by the BDTCs under the NBMMP/ NNBOMP).

Sl.No.	Name of the State/UT	Total Nos. of Biogas Plant inspected	Nos. of Biogas Plants found Working	Nos. of Biogas Plants found Not working	Percentage of working biogas plants. (%)
1	Assam	2041	2003	38	98.1
2	Tripura	35	35	-	100.0
3	Meghalaya	77	77	-	100.0
4	Chhattisgarh	218	218	-	100.0
5	Madhya Pradesh	385	350	35	90.9
6	Maharashtra	518	451	67	87.1
7	Karnataka	2916	2721	195	93.3
8	Gujarat	248	224	24	90.3
9	Rajasthan	1449	1420	29	98.0
10	Punjab	3700	3545	155	95.8
11	Tamil Nadu	4113	2360	1753	57.4
12	Odisha	26	23	3	88.4

ANNEXURE -IV**ANNEXURE-IV, REFERRED TO IN REPLY TO PARTS (d) & (e) OF THE LOK SABHA UNSTARRED QUESTION NO. 3933 FOR ANSWERING ON 12.12.2019 ON “BIOGAS PLANTS IN BACKWARD REGIONS”**

State/UT-wise and State Programme Implementing Agency-wise (including KVIC & NDDB) Physical Targets allocated for setting up of small biogas plants under NNBOMP during the current year, 2019-20.

Sl. No.	State/ UT	State / UT PIA	Target (Numbers of biogas plants)			Total Nos. of Biogas Plants
			General	S.C.	S.T.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Andhra Pradesh	NREDCAP	2500	500	1000	4000
2	Arunachal Pradesh	APEDA	100	-	100	200
3	Assam	FDA (S F)	4000	400	600	5000
4	Bihar	RDD	500	500	-	1000
5	Chhattisgarh	CREDA	3000	1000	1500	5500
6	Goa	Agri Deptt.	200	100	-	300
7	Gujarat	GAIC Ltd.	1000	600	1000	2600
8	Haryana	Agri Deptt.	1500	300	200	2000
		RDD	800	400	--	1200
9	Himachal Pradesh	RDD	200	100	100	400
10	J & K	RDD	200	100	100	400
11	Jharkhand	RDD	300	200	200	700
12	Karnataka	RDPRD	6000	700	300	7000
13	Kerala	Agri Deptt.	1000	100	--	1100
		RDD	800	400	200	1400
14	Madhya Pradesh	MPSAIDC	4000	800	1000	5800
15	Maharashtra	RDD	6500	1200	800	8500
16	Manipur	RDD	100	--	100	200
17	Meghalaya	MNREDA	100	--	400	500
18	Mizoram	DA & V	100	--	300	400
19	Nagaland	RDD	100	--	200	300
20	Odisha	OREDA	800	400	300	1500
21	Punjab	PEDA	4000	500	--	4500
22	Puducherry	RDD	200	--	--	200
23	Rajasthan	RDD	2500	400	400	3300
24	Sikkim	SREDA	100	--	200	300
25	Tamil Nadu	RDPRD	500	300	200	1000
26	Telangana	RDD	500	300	200	1000
27	Tripura	TREDA	100	200	200	500
28	Uttar Pradesh	UPNEDA	1000	500	--	1500
29	Uttarakhand	UREDA	400	100	--	500
		RDD	600	100	100	800
30	West Bengal	RDD	500	100	200	800
31	A & N Island	RDPRD	--	100	100	200
32	Dadar & Nagar H.	RDPRD	--	100	100	200
33	All States	KVIC	5000	1200	1000	7200
34	All States	NDDB, Anand	3000	500	500	4000
		Total	52200	12200	11600	76000