

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-1124
TO BE ANSWERED ON-08.02.2018

SETTING UP OF BIO-GAS PLANTS

1124. SHRI GEORGE BAKER
SHRI PARBHUBHAI NAGARBHAI VASAVA

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

- (a) the present status of the bio-gas plants proposed to be set up across the country, State/UT-wise;
- (b) the details of the funds sanctioned, allocated and utilized for this purpose during the last three years and the current year, State/UT-wise including West Bengal;
- (c) the quantum of bio-gas produced from different bio-degradable wastes including kitchen waste in these bio-gas plants during the above said period;
- (d) whether the Government is planning to set up some more bio-gas plants in some of the States across the country or the Government has received any proposal from some of the States in this regard during the said period; and
- (e) if so, the details thereof and the action taken by the Government thereon, State-wise?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER (I/C)
(SHRI R.K. SINGH)

- (a): Under the National Biogas and Manure Management Programme (NBMMP), State/UT-wise details of targets fixed for setting up of Biogas plants during the current year are given in Annexure-I.
- (b): Under the NBMMP, the funds are allocated, sanctioned, and released to States as per the norms of the scheme and annual physical targets. The State/UT-wise details of funds sanctioned, allocated and utilized during the last three years and the current year are given in Annexure –II.
- (c): Installed capacity of biogas plants in cubic meters of biogas per day during the last three years and the current year is given in Annexure-III. The estimated quantity of biogas produced comes to about 479.5 million cubic meters from the biogas plants installed during the previous three years and the current year (up to 31.12.2017).
- (d) & (e): The Ministry of New & Renewable Energy seeks proposals from the State designated Agencies under the National Biogas and Manure Management Programme for allocation of annual physical targets in the beginning of the year. Based on the previous performance of the States and availability of the budget under the scheme, the annual targets are fixed and communicated to the States. The State-wise and year-wise details of the targets allocated for the previous three years and the current year are given in Annexure-IV.

Annexure-I

ANNEXURE-I, REFERRED TO IN REPLY TO THE PART (a) OF THE LOK SABHA UNSTARRED QUESTION NO 1124 TO BE ANSWERED ON 08.02.2018 ON “SETTING UP OF BIO-GAS PLANTS”.

State/UT-wise targets fixed under the National Biogas and Manure Management Programme (NBMMP) during the year 2017-18.

Sl. No	State/ Union Territories	Targets during 2017-18 (numbers of biogas plants)
1	Andhra Pradesh	6030
2	Arunachal Pradesh	100
3	Assam	9000
4	Bihar	0
5	Chhattisgarh	2000
6	Gujarat	1600
7	Haryana	0
8	Himachal Pradesh	100
9	Jammu & Kashmir	0
10	Jharkhand	350
11	Karnataka	8000
12	Kerala	2300
13	Madhya Pradesh	8500
14	Maharashtra	9200
15	Manipur	0
16	Meghalaya	800
17	Mizoram	300
18	Nagaland	400
19	Odisha	2400
20	Punjab	3650
21	Rajasthan	800
22	Sikkim	400
23	Tamil Nadu	250
24	Telangana	4100
25	Tripura	200
26	Uttar Pradesh	700
27	Uttarakhand	1000
28	West Bengal	0
29	A&N Islands	0
30	Dadra & Nagar Haveli	0
31	KVIC	3000*

* Country wide targets for Khadi and Village Industries Commission (KVIC)

ANNEXURE-II

ANNEXURE-II, REFERRED TO IN REPLY TO PART (b) OF THE LOK SABHA STARRED QUESTION NO.1124 FOR ANSWER ON 08.02.2018 REGARDING 'SETTING UP OF BIOGAS PLANTS'.

Year-wise and State/UT-wise details of funds allocated, released and utilized under the NBMMP during the previous three years and the current year 2017-18(up to 31-12-2017).

(Rs. in crore)

Sr No	Name of State	2014-15			2015-16			2016-17			2017-18	
		Funds allocated	Funds released	Funds utilized	Funds allocated	Funds released	Funds utilized	Funds allocated	Funds released	Funds utilized	Funds allocated	Funds released
1.	Andhra Pradesh	19.80	17.91	17.91	11.22	11.41	11.41	11.22	6.55	8.964	6.63	4.471
2.	Telangana	0	7.71	7.71	13.53	9.55	9.55	13.53	12.20	13.57	4.51	0
3.	Arunachal Pradesh	0.18	0.00	0.00	0.18	0.00	0.00	0.18	0.00	0	0.11	0
4.	Assam	10.80	15.64	15.64	16.20	3.79	3.79	9.9	8.27	8.377	9.90	11.065
5.	Bihar	0	0.00	0.00	0	0.00	0.00	0	0.00	0	0	00
6.	Chhattisgarh	4.40	4.34	4.34	3.36	3.33	3.33	3.355	1.65	2.06	2.20	1.145
7.	Goa	0.11	0.06	0.06	0.11	0.02	0.02	0.11	0.00	0	00.0	00
8.	Gujarat	4.40	2.63	2.63	2.75	1.61	1.61	2.75	0.17	1.375	1.76	0.474
9.	Haryana	1.87	0.00	0.00	1.10	2.65	2.65	1.1	0.00	0	0.0	00
10.	Himachal Pradesh	0.38	0.32	0.32	0.17	0.17	0.17	0.165	0.08	0.363	0.11	0.154
11.	Jammu & Kashmir	0.11	0.00	0.00	0	0.00	0.00	0.11	0.00	0	0.0	00
12.	Jharkhand	0.11	0.00	0.00	0	0.00	0.00	0.22	0.00	0	0.385	00
13.	Karnataka	11.55	19.41	19.41	11.00	11.52	11.52	11	0.00	2.836	8.80	4.125
14.	Kerala	5.06	1.92	1.92	1.21	1.02	1.02	3.135	0.06	1.251	2.53	1.451
15.	Madhya Pradesh	11.44	11.60	11.60	8.80	3.12	3.12	8.8	5.00	5.00	9.35	8.352
16.	Maharashtra	15.07	15.22	15.22	15.95	21.21	21.21	15.95	0.00	22.853	10.12	4.51

17.	Meghalaya	0.90	0.23	0.23	0.36	0.00	0.00	0.36	0.00	0	0.88	00
18.	Mizoram	0.90	0.00	0.00	0.90	0.45	0.45	0.9	0.00	0	0.51	0.45
19.	Nagaland	0.90	0.00	0.00	0.54	0.00	0.00	0.54	0.83	0	0.68	00
20.	Odisha	7.81	9.31	9.31	4.40	2.81	2.81	4.4	0.00	2.20	2.20	1.299
21.	Punjab	10.18	11.98	11.98	5.50	2.47	2.47	5.5	0.00	0	3.355	00
22.	Rajasthan	1.21	1.02	1.02	1.10	0.58	0.58	1.1	0.00	0.404	0.88	00
23.	Sikkim	0.36	0.28	0.28	0.45	0.45	0.45	0.27	0.00	0	0.44	0.18
24.	Tamil Nadu	0.88	0.00	0.00	0.33	1.56	1.56	0.33	0.00	0	0.275	0.0
25.	Tripura	0.72	0.42	0.42	0.72	0.27	0.27	0.72	0.00	0	0.34	00
26.	Uttar Pradesh	2.53	0.67	0.67	1.21	0.96	0.96	1.21	0.00	0.98	0.77	00
27.	Uttarakhand	0.99	0.49	0.49	1.54	1.45	1.45	1.54	0.99	1.64	1.10	0.727
28.	West Bengal	0.315*	0.20*	0.20*	0.196*	0.184*	0.184*	0.22*	0.184*	0.184*	0.238*	0.04*
29.	Delhi/ New Delhi	0	0.00	0.00	0	0.00	0.00	0.55	0.00	0	0.0	
30.	Puducherry	0	0.00	0.00	0	0.00	0.00	0	0.00	0	0.0	
31.	KVIC	14.08	1.56	1.56	8.80	5.89	5.89	8.8	0.00	3.304	3.30	3.194
32.	Misc.	0	0.00	0.00		4.10	4.10	0	0.00	0	0.0	
33.	BDTC, IIT Guwahati	0	0	0	0	0	0	0.55	0	0	0.0	
34.	BDTC, IIT, Delhi	0	0	0	0	0	0	0.55	0	0	0.0	0.11
35.	BDTC, PAU, Ludhiana	0	0	0	0	0	0	1.65	0	0.825	0.66	0.0
36.	BDTC, UAS, Bangalore	0	0	0	0	0	0	1.10	0.82	0	0.0	0.0

* Funds released by KVIC , Mumbai

Note: Utilisation Certificates of the funds released during the current year 2017-18 (up to December 2017) will be received after the financial year 2017-18

ANNEXURE-III REFERRED TO IN REPLY TO THE PART (c) OF THE LOK SABHA UNSTARRED QUESTION NO 1124 TO BE ANSWERED ON 08.02.2018 ON “SETTING UP OF BIO-GAS PLANTS”.

Installed capacity of biogas plants set up under NBMMP, BPGP and Waste to Energy projects during previous three years and current year 2017-18 upto 31.12.2017

Sl. No.	Name of State	Total installed capacity biogas M ³ per day			
		NBMMP	BPGP	Waste to Energy	Total
1.	Andhra Pradesh	55112	5605	52200	112917
2.	Arunachal Pradesh	116			116
3.	Assam	55676			55676
5.	Chhattisgarh	17344			17344
6.	Goa	310			310
7.	Gujarat	15788		28000	43788
8.	Haryana	620	170	5500	6290
9.	Himachal Pradesh	1072		12000	13072
10.	Jammu & Kashmir	256			256
11.	Jharkhand	436			436
12.	Karnataka	69958	5875		75833
13.	Kerala	18138		2760	20898
14.	Madhya Pradesh	40342		3000	43342
15.	Maharashtra	88481	2180	40400	131061
16.	Meghalaya	500			500
17.	Mizoram	2036			2036
19.	Nagaland	1100			1100
20.	Odisha	23410			23410
21.	Punjab	41372	3605	17000	61977
22.	Rajasthan	5134		10900	16034
23.	Sikkim	6876			6876
24.	Tamil Nadu	4804	7510	20160	32474
25.	Telangana	46652		12000	58652
26.	Tripura	1120			1120
27.	Uttar Pradesh	8214	2339	37500	48053
28.	Uttarakhand	8044	300	36000	44344
29.	West Bengal	928		12000	12928
30.	KVIC	21876			21876

ANNEXURE-IV REFERRED TO IN REPLY TO THE PARTS (d) & (e) OF THE LOK SABHA UNSTARRED QUESTION NO 1124 TO BE ANSWERED ON 08.02.2018 ON “SETTING UP OF BIO-GAS PLANTS”.

State/UT-wise and year-wise details of physical targets allocated under the National Biogas and Manure Management Programme (NBMMP) during the previous three years and the current year.

Sl. No.	Name of State	Annual physical target allocated (Numbers of Biogas plants)			
		2014-15	2015-16	2016-17	2017-18
1.	Andhra Pradesh	10440	10200	10200	6030
2.	Arunachal Pradesh	50	50	100	100
3.	Assam	7500	7600	9000	9000
4.	Bihar	0	0	0	0
5.	Chhattisgarh	4000	4150	3050	2000
6.	Goa	100	100	100	
7.	Gujarat	4000	3800	2500	1600
8.	Haryana	1700	1650	1000	
9.	Himachal Pradesh	250	230	150	100
10.	Jammu & Kashmir	100	100	100	0
11.	Jharkhand	100	100	200	350
12.	Karnataka	15500	16000	10000	8000
13.	Kerala	4000	4000	2850	2300
14.	Madhya Pradesh	10400	10700	8000	8500
15.	Maharashtra	14400	14660	14500	9200
16.	Meghalaya	250	250	200	800
17.	Mizoram	500	500	500	300
19.	Nagaland	300	300	300	400
20.	Odisha	5100	5100	4000	2400
21.	Punjab	10250	10650	5000	3650
22.	Rajasthan	1100	1050	1000	800
23.	Sikkim	200	200	250	400
24.	Tamil Nadu	500	450	300	250
25.	Telangana	9900	9900	12300	4100
26.	Tripura	400	350	400	200
27.	Uttar Pradesh	1800	1750	1100	700
28.	Uttarakhand	900	960	1400	1000
29.	West Bengal	0	0	0	0
30.	Puducherry	0	50	0	0
31.	KVIC	6260	6200	8000	3000
32.	BDTC, IIT Guwahati	0	0	500	0
33.	BDTC, IIT Delhi	0	0	500	0
34.	BDTC, UAS, Bangalore	0	0	1000	0
35.	BDTC, PAU, Ludhiana	0	0	1500	0