

GOVERNMENT OF INDIA

MINISTRY OF NEW AND RENEWABLE ENERGY

LOK SABHA

STARRED QUESTION NO. 229

TO BE ANSWERED ON 01.12.2016

NATIONAL BIOGAS AND MANURE MANAGEMENT PROGRAMME

*229. DR. BHOLA SINGH:

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

- (a) the present status of the National Biogas and Manure Management Programme (NBMMP) in the country, State-wise;
- (b) the funds allocated, released and utilized under the said programme during the Twelfth Five Year Plan, State-wise;
- (c) the targets fixed and achieved for setting up of biogas plants during the said Plan period, State-wise along with the reasons for not achieving the targets; and
- (d) the subsidy provided for setting up of a biogas plant and the benefits accrued by setting up of these plants in the country?

ANSWER

THE MINISTER OF STATE FOR POWER, COAL & NEW AND RENEWABLE ENERGY (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a) to (d): A statement is laid on the Table of the House.

STATEMENT

Statement referred to in reply to parts (a) to (d) of the Lok Sabha Starred Question No. 229 for Answer on 01.12.2016 regarding “National Biogas and Manure Management Programme” by Dr. Bhola Singh.

(a): The National Biogas and Manure Management Programme (NBMMP) is being implemented in the States / UTs during the current year with an annual target for setting up of 1.00 lakh family type biogas plants. The State-wise status of family type biogas plants installed during the current year, 2016-17 (upto 31.10.2016) is given at **Annexure-I**.

(b): The year-wise and State-wise funds allocated, released and utilized under the NBMMP during the 12th Five Year Plan period including the current year as on 31.10.2016, are given at **Annexure –II**.

(c): A total of about 3.84 lakh family type biogas plants have been set up during the last four years and the current year, upto 31.10.2016 against an overall target of 6.50 lakh plants. The State-wise and year-wise details of the targets set and achievements against the same are given at **Annexure-III**. The major reasons for lower achievements than the targets set under the NBMMP have been as under :

- i. The back -to- back drought conditions of the year 2014-15 and 2015-16 .
- ii. The increase in costs of construction of biogas plants, mainly due to increase in prices of cement, sand, bricks, steel and balance of equipment.
- iii. Comparison with LPG as a cooking medium on account of its easy availability and comparatively more comfort in operation & maintenance.
- iv. Low priority accorded by some States for the Biogas programme.

(d): The details of the rates of subsidy applicable for the current year for setting up biogas plants are given at **Annexure – IV**. The biogasplant entails numerous benefits. A total of 3.84 lakh biogas plants which have been set up till upto 31.10.2016 during the said plan period are producing an estimated 7.68 lakh cubic metre of biogas daily which is a clean cooking fuel for as many households in rural and semi-urban areas of the country and a solution to get rid of the health related problems caused by the Indoor Air Pollution. The biogas generation is replacing daily about an estimated 23,000 LPG cylinders of domestic category besides producing organic bio-manure simultaneously to an estimated quantity of 37,000 tonnes equivalent of urea annually, thereby increasing crop yield, productivity and maintaining soil health. There are also benefits in terms of combating and reduction in causes of climate change by preventing emissions of carbon dioxide and methane into the atmosphere.

ANNEXURE-I, REFERRED TO IN REPLY TO PART (a) OF THE LOK SABHA STARRED QUESTION NO.229 FOR ANSWER ON 01.12.2016 REGARDING 'NATIONAL BIOGAS AND MANURE MANAGEMENT PROGRAMME'.

The State-wise status of family type biogas plants installed under the National Biogas and Manure Management Programme (NBMMP) during the current year, 2016-17 (upto 31.10.2016)

Sl. No.	Name of State	Achievement (upto 31.10.2016)
1.	Andhra Pradesh	3537
2.	Arunachal Pradesh	0
3.	Assam	4720
4.	Bihar	0
5.	Chhattisgarh	333
6.	Goa	26
7.	Gujarat	522
8.	Haryana	169
9.	Himachal Pradesh	44
10.	Jammu & Kashmir	0
11.	Jharkhand	21
12.	Karnataka	1833
13.	Kerala	549
14.	Madhya Pradesh	1386
15.	Maharashtra	5125
16.	Meghalaya	0
17.	Mizoram	58
18.	Nagaland	0
19.	Odisha	403
20.	Punjab	1032
21.	Rajasthan	220
22.	Sikkim	0
23.	Tamilnadu	42
24.	Telangana	3541
25.	Tripura	40
26.	Uttar Pradesh	382
27.	Uttarakhand	660
28.	KVIC	874
29.	BDTC, PAU, Ludhiana	45
TOTAL :		25562*

[* Figs. are being firmed up.]

Annexure – III

ANNEXURE-III, REFERRED TO IN REPLY TO PART (c) OF THE LOK SABHA STARRED QUESTION NO.229 FOR ANSWER ON 01.12.2016 REGARDING ‘NATIONAL BIOGAS AND MANURE MANAGEMENT PROGRAMME’.

The State/UT-wise and year-wise targets and achievements of family type biogas plants set up under the National Biogas and Manure Management Programme (NBMMP) during 12th Five Year Plan[2012-13, 2013-14, 2014-15,2015-16 and2016-17 (upto 31.10.2016)].

Sl. No.	Name of State	2012-13		2013-14		2014-15		2015-16		2016-17	
		Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement (upto 31.10.2016)
1.	Andhra Pradesh	15800	16145	17000	16052	10440	10555	10200	10343	10200	3537
2.	Arunachal Pradesh	100	190	100	0	50	3	50	0	100	0
3.	Assam	7000	7397	6000	6000	7500	7500	7600	7600	9000	4720
4.	Bihar	0	300	0	2	0	1	0	3	0	0
5.	Chhattisgarh	4000	3933	3600	3911	4000	2736	4150	2213	3050	333
6.	Goa	100	58	100	59	100	12	100	78	100	26
7.	Gujarat	5000	5623	3500	2367	4000	1349	3800	1595	2500	522
8.	Haryana	1500	1303	1500	1325	1700	1008	1650	790	1000	169
9.	Himachal Pradesh	300	362	350	321	250	154	230	114	150	44
10.	Jammu & Kashmir	200	290	150	15	100	28	100	84	100***	0
11.	Jharkhand	500	641	300	0	100	54	100	142	200	21
12.	Karnataka	12000	13671	10300	10503	15500	9198	16000	7049	10000	1833
13.	Kerala	3700	3991	3125	3547	4000	2971	4000	2642	2850	549
14.	Madhya Pradesh	12000	11946	10000	9146	10400	7673	10700	6796	8000	1386
15.	Maharashtra	16000	19023	12600	13443	14400	14825	14660	14577	14500	5125
16.	Meghalaya	500	670	500	0	250	0	250	0	200	0
17.	Mizoram	1000	500	1000	250	500	260	500	280	500	58
19.	Nagaland	500	750	500	254	300	250	300	0	300	0
20.	Odisha	7000	7002	6500	1774	5100	4145	5100	2930	4000	403
21.	Punjab	10000	12127	8700	9400	10250	7856	10650	4281	5000	1032
22.	Rajasthan	500	530	400	754	1100	1013	1050	568	1000	220
23.	Sikkim	200	251	200	158	200	139	200	170	250	0
24.	Tamilnadu	1000	1321	1100	843	500	579	450	308	300	42
25.	Telangana	0	0	0	0	9900	9900	9900	9099	12300	3541
26.	Tripura	500	219	500	110	400	40	350	165	400	40
27.	Uttar Pradesh	2500	3923	2900	2002	1800	1417	1750	1239	1100	382
28.	Uttarakhand	1100	1831	1150	1006	900	937	960	1454	1400	660
29.	West Bengal	12000	1380	0	298	0	279	0	185	0	0
30.	Puducherry	0	0	0	0	0	0	50	0	0	0
31.	KVIC	20000	*	13925	*	6260	*	6200	*	8000#	874
32.	BDTC, IIT Guwahati	0	0	0	0	0	0	0	0	500	0
33.	BDTC, IIT Delhi	0	0	0	0	0	0	0	0	500	0
34.	BDTC, UAS, Bangalore	0	0	0	0	0	0	0	0	1000	0
35.	BDTC, PAU, Ludhiana	0	0	0	0	0	0	0	0	1500	45
TOTAL :		135000	115377	106000	83540	110000	84882	111000	74705**	100000	25562**

[* KVIC achievements are included in the States' achievements.]

[** Figs. are being firmed up.]

[# For KVIC, Mumbai, national target 8000 {6500 (5700 Gen.+800 NEZ) and 1500 SCP target}]

[*** Subject to settlement of outstanding amount of previous years lying with the State Govt.]

ANNEXURE-IV, REFERRED TO IN REPLY TO PART (d) OF THE LOK SABHA STARRED QUESTION NO.229 FOR ANSWER ON 01.12.2016 REGARDING 'NATIONAL BIOGAS AND MANURE MANAGEMENT PROGRAMME'.

The details of subsidy being provided by the Government for setting up of biogas plants under National Biogas and Manure Management Programme (NBMMP) in the country -

Sl. No.	Particulars of Central Financial Assistance (CFA) & States / Regions and Categories	Family Type Biogas Plants under NBMMP (1 to 6 cubic metre capacity per day)	
		1 Cubic Metre	2- 6 Cubic Metre
A.	Central Subsidy Rates Applicable (in Rs.)		
1.	NER States, Sikkim (except plain areas of Assam) and including SC and ST Categories of NE Region States.	15,000	17,000
2.	Plain areas of Assam.	10,000	11,000
3.	Jammu & Kashmir, Himachal Pradesh, Uttrakhand, Niligiri of Tamil Nadu, SadarKurseong&Kalimpong Sub-Divisions of Darjeeling, Sunderbans (W.B.) and Andaman & Nicobar Islands.	7,000	11,000
4.	Scheduled Castes / Scheduled Tribes of all States other than NE Region States including Sikkim & other Hilly States /regions as given in Sl. No.3 above.	7,000	11,000
5.	All Others	5,500	9,000

Annexure - II

ANNEXURE-II, REFERRED TO IN REPLY TO PART (b) OF THE LOK SABHA STARRED QUESTION NO.229 FOR ANSWER ON 01.12.2016 REGARDING 'NATIONAL BIOGAS AND MANURE MANAGEMENT PROGRAMME'.

Year-wise and State-wise funds allocated, released and utilized under the NBMMP during the 12th Five Year Plan Period including the current year as on 31.10.2016

(Rs. in crore)

Name of State	2012-13			2013-14			2014-15			2015-16			2016-17 (as on 31.10.2016)		
	Funds allocated	Funds released	Funds utilized	Funds allocated	Funds released	Funds utilized	Funds allocated	Funds released	Funds utilized	Funds allocated	Funds released	Funds utilized	Funds allocated	Funds released	Funds utilized
Andhra Pradesh	15.00	12.88	12.88	17.00	13.16	13.16	19.80	17.91	17.91	11.22	11.41	11.41	11.22	6.55	
Telangana	0	0	0	0	0	0	0	7.71	7.71	13.53	9.55	9.55	13.53	12.20	
Arunachal Pradesh	0.17	0.16	0.16	0.17	0.07	0.07	0.18	0.00	0.00	0.18	0.00	0.00	0.18	0.00	
Assam	7.65	8.19	8.19	10.02	9.56	9.56	10.80	15.64	15.64	16.20	3.79	3.79	9.9	8.27	
Bihar	0	0	0	0	0	0	0	0.00	0.00	0	0.00	0.00	0	0.00	
Chhattisgarh	5.00	4.59	4.59	3.60	3.95	3.95	4.40	4.34	4.34	3.36	3.33	3.33	3.355	1.65	
Goa	0.10	0.04	0.04	0.10	0.06	0.06	0.11	0.06	0.06	0.11	0.02	0.02	0.11	0.00	
Gujarat	6.00	3.06	3.06	3.50	4.41	4.41	4.40	2.63	2.63	2.75	1.61	1.61	2.75	0.17	
Haryana	1.90	2.01	2.01	1.50	0	0	1.87	0.00	0.00	1.10	2.65	2.65	1.1	0.00	
Himachal Pradesh	0.30	0.30	0.30	0.35	0.15	0.15	0.38	0.32	0.32	0.17	0.17	0.17	0.165	0.08	
Jammu & Kashmir	0.20	0	0	0.15	0	0	0.11	0.00	0.00	0	0.00	0.00	0.11	0.00	
Jharkhand	0.60	0.20	0.20	0.30	0	0	0.11	0.00	0.00	0	0.00	0.00	0.22	0.00	
Karnataka	12.60	5.88	5.88	10.30	6.15	6.15	11.55	19.41	19.41	11.00	11.52	11.52	11	0.00	
Kerala	3.00	3.05	3.05	3.13	2.24	2.24	5.06	1.92	1.92	1.21	1.02	1.02	3.135	0.06	
Madhya Pradesh	14.00	10.02	10.02	10.00	12.50	12.50	11.44	11.60	11.60	8.80	3.12	3.12	8.8	5.00	
Maharashtra	12.70	8.02	8.02	12.60	11.18	11.18	15.07	15.22	15.22	15.95	21.21	21.21	15.95	0.00	
Manipur	0	0	0	0	0	0	0	0.00	0.00	0	0.00	0.00	0	0.00	

Meghalaya	0.83	0.42	0.42	0.83	0.81	0.81	0.90	0.23	0.23	0.36	0.00	0.00	0.36	0.00	
Mizoram	1.67	0.84	0.84	1.67	0.84	0.83	0.90	0.00	0.00	0.90	0.45	0.45	0.9	0.00	
Nagaland	0.83	1.68	1.68	0.83	1.75	1.75	0.90	0.00	0.00	0.54	0.00	0.00	0.54	0.83	
Odisha	8.00	6.19	6.19	6.50	0	0	7.81	9.31	9.31	4.40	2.81	2.81	4.4	0.00	
Punjab	12.00	7.96	7.96	8.70	12.98	12.98	10.18	11.98	11.98	5.50	2.47	2.47	5.5	0.00	
Rajasthan	0.60	0.25	0.25	0.40	0.15	0.15	1.21	1.02	1.02	1.10	0.58	0.58	1.1	0.00	
Sikkim	0.33	0.37	0.37	0.34	0.29	0.29	0.36	0.28	0.28	0.45	0.45	0.45	0.27	0.00	
Tamilnadu	11.00	0.85	0.85	11.00	0	0	0.88	0.00	0.00	0.33	1.56	1.56	0.33	0.00	
Tripura	0.83	0.42	0.42	0.83	0	0	0.72	0.42	0.42	0.72	0.27	0.27	0.72	0.00	
Uttar Pradesh	2.80	0.89	0.89	2.90	0	0	2.53	0.67	0.67	1.21	0.96	0.96	1.21	0.00	
Uttarakhand	1.30	0.78	0.78	1.15	1.46	1.46	0.99	0.49	0.49	1.54	1.45	1.45	1.54	0.99	
West Bengal	15.00	13.66	13.66	0	0	0	0	0.00	0.00	0	0.00	0.00	0	0.00	
Delhi/ New Delhi	0	0	0	0	0	0	0	0.00	0.00	0	0.00	0.00	0.55	0.00	
Puducherry	0	0	0	0	0	0	0	0.00	0.00	0	0.00	0.00	0	0.00	
KVIC	24.00	23.79	23.79	13.92	8.54	8.54	14.08	1.56	1.56	8.80	5.89	5.89	8.8	0.00	
Misc.	0	0	0	0	0	0	0	0.00	0.00		4.10	4.10	0	0.00	
BDTC, IIT Guwahati	0	0	0	0	0	0	0	0	0	0	0	0	0.55	0	
BDTC, IIT, Delhi	0	0	0	0	0	0	0	0	0	0	0	0	0.55	0	
BDTC, PAU, Ludhiana	0	0	0	0	0	0	0	0	0	0	0	0	1.65	0	
BDTC, UAS, Bangalore	0	0	0	0	0	0	0	0	0	0	0	0	1.10	0.82	
Total	158.41	116.52	116.52	121.79	90.26	90.26	162.38	122.73	122.73	111.42	90.38	90.38	111.60	36.62	
