

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
STARRED QUESTION NO. 343
TO BE ANSWERED ON 13.08.2015

RENEWABLE ENERGY PROJECTS FOR RURAL AREAS

*343. SHRI SHIVKUMAR UDASI:
SHRI ALOK SANJAR:

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

- (a) whether the bio-gas and other renewable energy projects for cooking, heating and power needs particularly in remote/rural areas of the country are under implementation and if so, the details thereof;
- (b) the number of villages where bio-gas plants and other renewable energy units have been set up during each of the last three years and the current year, State/UT-wise;
- (c) the funds provided to various States for the purpose during the said period, State/UT-wise; and
- (d) the steps taken by the Government to promote bio-gas cooking stove and other renewable projects especially for rural areas of the country?

ANSWER

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

(a), (b), (c)&(d): A statement is laid on the Table of the House.

Statement referred to in reply to parts (a),(b),(c)& (d) of the Lok Sabha Starred Question No. 343 for 13.08.2015 regarding Renewable Energy Projects for Rural Areas by Shri Shivkumar Udasi and Shri Alok Sanjar

(a): Yes, Madam. The Ministry of New and Renewable Energy is implementing important programmes such as the National Biogas and Manure Management Programme (NBMMP), Unnat Chulha Programme (UCP), Biogas Power (Off-grid) Generation Programme (BPGP), Biomass Gasifiers Programme, Remote Village Electrification Programme, and dissemination of Solar Lighting and Solar Cookers for meeting cooking, heating and power needs in the remote / rural areas of the country.

(b): The State/ UT-wise number of villages where family type biogas plants and biogas based power plants (Off-grid) have been set up during each of the last three years and the current year 2015-16 upto 30.06.2015 are given at **Annexure – I**. The State-wise nos. of villages where Solar Lighting Systems, Mini - grid (Community Power Plants) and villages electrified under the Remote Village Electrification (RVE) Programme are given at **Annexure –II**.

(c): The details of State-wise and year-wise funds released during each of the last three years and current year 2015-16 under the National Biogas and Manure Management Programme (NBMMP), Biogas Power (Off-grid) Generation Programme (BPGP), Unnat Chulha Programme (UCP) and Gasifier are given at **Annexure- III**.

(d): Installation of family type biogas plants under the National Biogas and Manure Management Programme (NBMMP) are provided with capital subsidy, turn-key job fee for supervision of installation and free maintenance warranty for five years for trouble free functioning of biogas plants, support for organization of training courses, workshop & seminars and information & publicity through print and electronic media. The State Nodal Agencies/ Departments and Khadi and Village Industries Commission (KVIC) and Biogas Development Training Centres are provided Administrative Charges for implementation according to the annual targets and achievements there on. Under the newly launched Unnat Chulha Programme (UCP), the Ministry is providing Central Financial Assistance towards cost of improved cook stoves, training, user's orientation, publicity and awareness generation and monitoring and evaluation. Central financial assistance for power generation and for thermal applications are available under the schemes.

Annexure - I

ANNEXURE-I, REFERRED TO IN REPLY TO PART (b), OF THE LOK SABHA STARRED QUESTION NO. 343 ON “RENEWABLE ENERGY PROJECTS FOR RURAL AREAS” FOR ANSWER ON 13.08.2015.

State/UT-wise number of villages where family type biogas plants set up under National Biogas and Manure Management Programme (NBMMP) and Biogas Power (off-grid) Generation Programme (BPGP) installed during each of the last three years and current year 2015-16 (upto 30.06.2015).

State/ Union Territories	Number of villages where biogas plants installed during the year 2012-13 to 2015-16								Total villages covered from 2012-13 to 2015-16 (upto 30.06.2015)
	2012-13		2013-14		2014-15		2015-16 (upto 30.06.2015)		
	NBM MP	BPG P	NBMMP	BPGP	NBM MP	BPGP	NBM MP	BPGP	
Andhra Pradesh	2462	-	1900	-	1683	12	15	-	6072
Arunachal Pradesh	37	-	-	-	2	-	-	-	39
Assam	250	-	265	-	394	-	-	-	909
Bihar	110	-	1	-	1	-	-	-	112
Chhattisgarh	1110	-	917	-	628	-	46	-	2701
Goa	58	-	59	-	13	-	-	-	130
Gujarat	1004	-	552	-	298	-	25	-	1879
Haryana	801	-	807	-	649	1	52	-	2310
Himachal Pradesh	220	-	223	-	111	-	23	-	577
Jammu & Kashmir	49	-	10	-	20	-	-	-	79
Jharkhand	35	-	-	-	26	-	-	-	61
Karnataka	1414	-	1155	-	696	14	-	-	3279
Kerala	684	-	787	-	716	-	52	-	2239
Madhya Pradesh	4186	-	3921	-	3537	-	616	-	12260
Maharashtra	5071	-	3594	26	4070	5	488	6	13260
Manipur	-	-	-	-	-	-	-	-	0
Meghalaya	50	-	-	-	-	-	-	-	50
Mizoram	35	-	40	-	32	-	4	-	111
Nagaland	60	-	57	-	46	-	0	-	163
Odisha	2651	-	876	1	1896	-	91	-	5515
Punjab	2325	-	2078	9	1865	2	92	-	6371
Rajasthan	87	-	116	-	119	-	4	-	326
Sikkim	33	-	30	-	25	-	8	-	96
Tamil Nadu	-	-	14	4	-	-	-	-	18
Telangana	-	-	-	-	980	-	-	-	980
Tripura	86	-	42	-	9	-	-	-	137
Uttar Pradesh	210	-	244	-	253	-	196	-	903
West Bengal	763	-	164	-	181	-	23	-	1131
Uttrakhand	187	-	263	6	201	-	41	3	701
TOTAL	23978	-	18115	46	18451	34	1776	9	62409

Annexure – II

ANNEXURE- II, REFERRED TO IN REPLY TO PART (b), OF THE LOK SABHA
STARRED QUESTION NO. 343 ON “RENEWABLE ENERGY PROJECTS FOR RURAL
AREAS” FOR ANSWER ON 13.08.2015.

(a) State wise nos. of villages covered with Solar Lighting Systems during 2012-13, 2013-14 and 2014-15

Sl. No.	State	Number of villages
1	Andhra Pradesh	90
2	Arunachal Pradesh	147
3	Haryana	225
4	Himachal Pradesh	1347
5	Madhya Pradesh	1038
6	Maharashtra	6423
7	Mizoram	30
8	Nagaland	120
9	Punjab	201
10	Sikkim	32
11	Tamilnadu	2000
12	Uttarakhand	670
13	Uttar Pradesh	10521
Total		22844

(b) Nos. of villages covered with minigrids (Community Power Plants) during 2012-13, 2013-14, 2014-15 and current year 2015-16

Sl. No	State	Number of villages
1	Chhattisgarh	730
2	Haryana	1
3	Jammu & Kashmir	4
4	Jharkhand	12
5	Madhya Pradesh	8
6	Rajasthan	14
7	Uttar Pradesh	27
Total		806

(c) State-wise numbers of villages electrified during last three years and current year under RVE programme

Sl. No.	State	Number of Villages/ Hamlets
1.	Assam	97
2.	Jammu & Kashmir	189
3.	Jharkhand	207
4.	Madhya Pradesh	196
5.	Maharashtra	2
6.	Orissa	1012
7.	Rajasthan	90
8.	Tamil Nadu	30
9.	Tripura	67
10.	Uttarakhand	88
11.	Uttar Pradesh	151
12.	Goa	19
Total		2148

Annexure - III

ANNEXURE –III, REFERRED TO IN REPLY TO PART (c) OF THE LOK SABHA STARRED QUESTION NO. 343 REGARDING “RENEWABLE ENERGY PROJECTS FOR RURAL AREAS” TO BE ANSWERED ON 13.08.2015

State/UT-wise and year-wise details of funds released under National Biogas and Manure Management Programme (NBMMP), Biogas Power (off-grid) Generation Programme, Gasifier and Unnat Chulah Programme (UCP) during the last three years and current year 2015-16

(Rs. in crores)

Sl. No.	States/UTs	Year-wise funds released												
		2012-13			2013-14			2014-15			2015-16 (upto 31.07.2015)			
		NBM MP	BPGP	Gasifier	NBM MP	BPGP	Gasifier	NBMM P	BPGP	Gasifier	NBMMP	UCP	BPGP	Gasifier
1.	Andhra Pradesh	12.88	-	0.160	13.16	-	-	17.91	0.264	-	-	0.678	0.154	-
2.	Arunachal Pradesh	0.16	-	-	0.07	-	-	-	-	-	-	0.104	-	-
3.	Assam	8.19	-	0.056	9.56	-	-	15.64	-	-	-	-	-	-
4.	Bihar	-	-	0.105	-	-	0.020	-	-	-	-	0.294	-	-
5.	Chhattisgarh	4.59	-	-	3.95	-	-	4.34	-	-	-	0.634	-	-
6.	Goa	0.04	-	-	0.06	-	-	0.06	-	-	-	0.133	-	-
7.	Gujarat	3.06	-	0.020	4.41	-	-	2.63	-	-	-	0.937	-	-
8.	Haryana	2.01	-	-	-	-	0.036	-	0.920	-	-	0.011	-	0.960
9.	Himachal Pradesh	0.30	-	-	0.15	-	-	0.32	-	-	-	0.268	-	-
10.	Jammu & Kashmir	-	-	-	-	-	-	-	-	-	-	0.474	-	-
11.	Jharkhand	0.20	-	-	-	-	-	-	-	-	-	0.730	-	-
12.	Karnataka	5.88	-	-	6.15	-	-	19.41	1.577	-	-	0.658	-	-
13.	Kerala	3.05	-	-	2.25	-	-	1.92	-	-	-	0.452	-	-
14.	Madhya Pradesh	10.02	-	1.825	12.50	1.040	0.016	11.60	0.132	0.066	0.48	0.011	-	-

15.	Maharashtra	8.02	-	-	11.18	-	-	15.22	-	-	13.15	0.011	-	-
16.	Manipur	-	-	-	-	-	-	-	-	-	-	0.104	-	-
17.	Meghalaya	0.42	-	-	0.81	-	-	0.23	-	-	-	0.104	-	-
18.	Mizoram	0.84	-	-	0.83	-	-	-	-	-	-	0.104	-	-
19.	Nagaland	1.68	-	-	1.75	-	-	-	-	-	-	0.184	-	-
20.	Odisha	6.19	-	-	-	0.018	-	9.31	-	-	-	1.40	-	-
21.	Punjab	7.96	-	-	12.98	0.215	-	11.98	0.043	-	-	0.309	-	-
22.	Rajasthan	0.25	-	-	0.15	-	-	1.02	-	-	-	0.011	-	-
23.	Sikkim	0.37	-	-	0.29	-	-	0.28	-	-	-	-	-	-
24.	Tamilnadu	0.85	-	-	-	1.022	0.220	-	-	0.356	1.56	0.930	-	-
25.	Telangana	-	-	-	-	-	-	7.71	-	-	0.61	0.678	-	-
26.	Tripura	0.42	-	-	-	-	-	0.42	-	-	-	0.127	-	-
27.	Uttar Pradesh	0.89	-	0.024	-	-	0.037	0.67	-	0.270	-	1.476	-	0.248
28.	Uttarakhand	0.78	-	-	1.46	0.254	0.060	0.49	-	-	-	0.695	0.157	-
29.	West Bengal	7.66	-	-	-	-	-	-	-	-	-	0.806	-	-
30.	Delhi	-	-	-	-	-	-	-	-	-	-	-	-	-
31.	Puducherry	-	-	-	-	-	-	-	-	-	-	-	-	-
32.	KVIC, Mumbai *	23.79	-	-	8.54	-	-	1.56	-	-	0.93	-	-	-
33.	A&N Island	-	-	-	-	-	-	-	-	-	-	0.087	-	-
34.	Dadar Daman and Nagar Haveli	-	-	-	-	-	-	-	-	-	-	0.052	-	-
35.	Lakshadweep	-	-	-	-	-	-	-	-	-	-	0.069	-	-
Total		110.52	-	2.190	90.26	2.549	0.390	122.73	2.936	0.692	16.72	12.531	0.311	1.208

* Funds released to KVIC, Mumbai for Programme implemented by them in all the States/UTs.

NBMMP - National Biogas and Manure Management Programme

BPGP - Biogas Power (off-grid) Generation Programme

UCP- Unnat Chulah Programme