

**GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:2723

ANSWERED ON:11.03.2011

SOLAR LIGHTING SYSTEMS

Choudhary Shri Bhudeo; Sugavanam Shri E.G.; Yadav Shri Hukamdeo Narayan

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

- (a) whether the Government has fixed any targets for deployment of solar lighting systems in rural areas of the country;
- (b) if so, the total number of solar lighting systems installed in the country including Tamil Nadu alongwith the expenditure incurred thereon, State-wise;
- (c) whether several solar lighting systems are not functioning properly in the country;
- (d) if so, the details thereof alongwith the reasons therefor;
- (e) whether the Government has received complaints of inferior quality and higher rates of these lighting systems; and
- (f) if so, the details thereof alongwith the action taken by the Government thereon?

Answer

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH)

(a) The Ministry of New and Renewable Energy is supporting installation of solar lights through state agencies, banks and system integrators. The state agencies and system integrators are required to submit specific proposal for consideration of the Ministry. No state wise targets have been fixed.

(b): A total of 8.2 lakh solar lanterns, 6.57 lakh solar PV home lights and about 1.23 lakh solar PV street lights have been installed upto 28.2.2011 in the country. This includes 16,818 solar lanterns, 1,557 nos. SPV home lights and 5,885 SPV street lights in the State of Tamil Nadu. A state-wise list of installations is given in Table-1. State-wise expenditure incurred under the solar photovoltaic programme during 2010-11, including the solar lights is given in Table-2.

(c)&(d): As per an independent study in 24 districts in 6 states in the country, 73.62 % of the solar lanterns, 93.78% of SPV home lights and 69.28% of SPV street lights were reported to be functioning satisfactorily.

(e)&(f): No specific complaint has been received about solar home lighting systems. However, to ensure functionality, Government commissions independent studies from time to time.

Table-1

Table-1 referred to in reply to Part (b) of the Lok Sabha Unstarred Question No. 2723 for 11.3.2011

State-wise Cumulative Installation of SPV Systems as on 28.2.2011

S.N. State/Ut Solar Photovoltaic Systems
Lanterns Home Lights Street Lights
Nos. Nos. Nos.

1	Andhra Pradesh	35799	1958	4044
2	Arunanchal Pradesh	13937	9120	1071
3	Assam	1211	5870	98
4	Bihar	50117	3170	955
5	Chhattisgarh	3192	7211	1889
6	Goa	1027	362	463
7	Gujarat	31603	9231	2004
8	Haryana	73116	36692	10858
9	Himachal Pradesh	22970	16848	2994
10	Jammu & Kashmir	28672	23083	5596
11	Jharkhand	16374	4314	620
12	Karnataka	7334	28128	2694

13 Kerala	41181	32326	1090
14 Madhya Pradesh	9444	2651	6054
15 Maharashtra	68683	1972	5471
16 Manipur	4787	3500	490
17 Meghalaya	24875	7840	1273
18 Mizoram	8331	5395	431
19 Nagaland	6317	720	271
20 Orissa	9882	5156	5819
21 Punjab	17495	8620	4737
22 Rajasthan	4716	91754	6722
23 Sikkim	5200	4225	212
24 Tamil Nadu	16818	1557	5885
25 Tripura	42360	26066	1199
26 Uttar Pradesh	52815	92124	4117
27 Uttarakhand	64023	91307	7673
28 West Bengal	17662	111090	27512
29 Andaman & Nicobar	6296	405	358
30 Chandigarh	1675	275	229
31 Delhi	4753	0	301
32 Puducherry	1637	25	417
33 Others	125797	24047	9150
Total	820099	657042	122697

Table-2

Table-2 referred to in reply to Part (b) of the Lok Sabha Unstarred Question No. 2723 for 11.3.2011

State-wise funds released for SPV systems including solar lighting systems during 2010-11 as on 28.2.2011

S.No. State CFA Released in Rupees

1 Andhra Pradesh	5,15,79,900
2 Arunachal Pradesh	3,72,66,940
3 Assam	6,50,00,000
4 Bihar	2,25,00,000
5 Chhattisgarh	25,67,98,000
6 Goa	2,95,800
7 Gujarat	13,75,000
8 Haryana	6,23,59,200
9 Himachal Pradesh	4,40,00,000
10 Jammu & Kashmir	21,45,58,411
11 Jharkhand	2,06,70,000
12 Karnataka	42,00,000
13 Kerala	4,50,000
14 Lakshadweep	13,87,00,000
15 Madhya Pradesh	9,67,96,300
16 Maharashtra	1,15,34,500
17 Manipur	2,45,98,300
18 Meghalaya	6,18,98,000
19 Mizoram	2,46,39,840
20 Nagaland	14,86,360
21 Orissa	12,50,000
22 Punjab	4,39,57,200
23 Rajasthan	30,66,36,780
24 Sikkim	2,03,20,000
25 Tamil Nadu	45,08,450
26 Tripura	91,23,000
27 Uttarakhand	20,28,67,500
28 Uttar Pradesh	17,13,12,400
29 West Bengal	9,65,58,300
30 Others	41,53,02,160
Total	2,42,37,27,241