

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

UNSTARRED QUESTION NO:5219
ANSWERED ON:10.12.2010
TAPPING SOLAR ENERGY FOR HOUSES AND OFFICES
Dias Dr. Charles

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

- (a) whether the Government has any project to tap solar energy for lighting purpose of private houses and Government offices;
- (b) if so, the details thereof;
- (c) whether the Government has chalked out any plan to subsidise the erection of solar panels at private houses;
- (d) if so, the details thereof;
- (e) whether the statistics concerning the quantum of electricity generated thereby in the country is available; and
- (f) if so, the details thereof and the State-wise quantum of electricity generated?

Answer

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

(a),(b),(c)&(d): Under the Jawaharlal Nehru National Solar Mission (JNNSM), the Ministry is financially supporting during 2010-11, installation of off-grid solar applications including solar lights and other solar energy systems through a combination of 30% subsidy and/ or 5% interest bearing loans by individuals, non-commercial entities and industrial/ commercial entities. Under the first phase of the JNNSM upto 2013, Government has set a target of 200 MW equivalent of the off-grid solar applications and 7 million sq. meters of solar thermal collector area.

(e)&(f): Off-grid SPV systems provide lights to individuals and communities and meet small electrical requirements. State-wise list of off-grid SPV systems installed in the country as on 31.03.2010 is given in the Annexure.

ANNEXURE

Annexure referred to in reply to Parts (e)&(f) of the Lok Sabha Unstarred Question No. 5219

S.No. State-wise cumulative installation of SPV systems (31.03.2010)

State/UT	Solar Photovoltaic Systems	Stand alone Lanterns	Home Street Nos. Lights	Water pumps (kWp)
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1 Andhra Pradesh	35799	1957	4044	613 213.3
2 Arunachal Pradesh	13937	7120	1071	15 17.1
3 Assam	1211	5870	98	45 9
4 Bihar	50117	3170	955	139 0
5 Chhattisgarh	3192	7211	1889	166 99.72
6 Goa	1027	362	463	15 1.72
7 Gujarat	31603	9231	2004	85 100.5
8 Haryana	71646	28213	9878	469 434.4
9 Himachal Pradesh	22970	16848	2994	6 1.5
10 Jammu & Kashmir	28672	23083	5596	39 175.6
11 Jharkhand	16374	4314	620	0 0
12 Karnataka	7334	28128	2694	551 29.41
13 Kerala	41181	32326	1090	810 44.7
14 Madhya Pradesh	9444	2651	6054	87 22.4
15 Maharashtra	68683	1972	5471	228 6.44
16 Manipur	4787	3500	490	40 28
17 Meghalaya	24875	7840	1273	19 50.5
18 Mizoram	5812	3045	431	37 109
19 Nagaland	6317	720	271	3 6
20 Orissa	9882	5156	5819	56 74.515
21 Punjab	17495	8620	4337	1857 121

22	Rajasthan	4716	67305	6632	283	25.8
23	Sikkim	2470	3890	212	0	16.7
24	Tamil Nadu	16818	1557	5885	829	39.5
25	Tripura	42360	26066	1199	151	24.57
26	Uttar Pradesh	52815	92124	4117	751	129.2
27	Uttarakhand	64023	91307	7673	26	80.03
28	West Bengal	17662	111090	27512	48	675
29	Andaman & Nicobar	6296	405	358	5	167
30	Chandigarh	1675	275	229	12	0
31	Delhi	4753	0	301	89	80
32	Lakshadweep	0	0	0	0	85
33	Puducherry	1637	25	417	21	0
34	Others	125797	24047	9150	0	58
	Total	813380	619428	121227	7495	2925.6