

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-3832

TO BE ANSWERED ON-09.08.2018

REQUIREMENT OF FUNDS FOR MEETING SOLAR POWER TARGET

3832. SHRI RAJIV PRATAP RUDY

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

(a) whether the Government has assessed the quantum of funds required from the private sector and foreign institutions to meet the solar power target to install 100GW of capacity through solar power projects by 2022;

(b) if so, the details thereof including the details of expenditure already incurred and the total installed capacity created during the last three years, Year and State-wise;

(c) whether the Government has decided to provide free solar lamps to Below Poverty Line (BPL) families and students in villages;

(d) if so, the details thereof and the expenditure incurred during the said period for the purpose, State-wise; and

(e) the number of beneficiaries provided with solar lamps during the said period, State-wise?

ANSWER

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

(a) Solar projects with aggregate capacity 23.12 GW have been installed up to 31.07.2018 in the country. For installation of remaining around 77 GW, an estimated investment of Rs. 3,85,000 Crore (@ Rs. 5 Crore per MW) is required. Most of the investment in this sector comes from the private sector.

(b) An investment of around Rs. 1,15,600 crore (@ Rs. 5 Crore per MW) is estimated to have been made by private sector for development of 23.12 GW of solar projects.

The details of total installed capacity of utility scale solar projects created in the country during the last three years, Year and State-wise are given in **Annexure-I**.

(c), (d) and (e) The Ministry of New and Renewable Energy (MNRE) has no scheme under which free solar lamps are being provided. However, under off-grid and decentralised solar PV applications programme, solar study lamps are being provided to school going children on a nominal contribution of Rs. 100/- per lamp by the student. Balance cost is met by MNRE as CFA.

Till date, a total amount of Rs. 283.97 crore has been released under three different projects for distribution of solar study lamps by MNRE.

The State-wise details of solar study lamps distributed till date are given in **Annexure-II**.

ANNEXURE-I

**ANNEXURE-I REFERRED TO IN REPLY TO PART (b) OF LOK SABHA
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Total installed capacity of solar projects created in the country during the last three years, year and state-wise:

(in MW as on 31-07-2018)

Sl. No.	State/UT	2015-16	2016-17	2017-18	2018-19
1	Andaman & Nicobar	0.00	1.46	0.00	0
2	Andhra Pradesh	435.11	1294.26	328.24	369.9
3	Arunachal Pradesh	0.24	0.00	5.13	0
4	Assam	0.00	11.78	0.67	0.25
5	Bihar	5.10	103.42	33.93	0
6	Chandigarh	2.31	10.52	7.88	5.15
7	Chhattisgarh	85.98	35.28	102.49	0
8	Dadra & Nagar Haveli	0.00	2.97	2.49	0
9	Daman & Diu	4.00	6.46	0.15	2.4
10	Delhi	20.31	25.99	17.80	0
11	Goa	0.00	0.71	0.20	0
12	Gujarat	128.87	130.19	328.89	49.15
13	Haryana	14.59	66.01	123.45	0
14	Himachal Pradesh	0.20	0.53	0.00	2.63
15	Jammu & Kashmir	1.00	0.36	0.00	8.49
16	Jharkhand	0.19	7.08	2.39	6.11
17	Karnataka	69.31	882.38	3915.22	219.3
18	Kerala	13.31	61.15	33.46	30.55
19	Lakshadweep	0.00	0.00	0.00	0
20	Madhya Pradesh	217.79	80.67	448.31	16.46
21	Maharashtra	34.26	66.61	777.56	180
22	Manipur	0.00	0.03	0.03	2.11
23	Meghalaya	0.00	0.01	0.01	0.04
24	Mizoram	0.10	0.00	0.10	0
25	Nagaland	0.00	0.50	0.50	0
26	Odisha	35.16	12.50	0.15	30.68
27	Pondicherry	0.00	0.05	0.08	1.55
28	Punjab	227.31	388.89	104.15	0
29	Rajasthan	329.18	543.00	518.49	27.98
30	Sikkim	0.00	0.00	0.00	0.01
31	Tamil Nadu	922.34	630.01	213.65	312.38
32	Telangana	360.80	759.13	2004.27	109.88
33	Tripura	0.00	0.09	0.00	0
34	Uttar Pradesh	72.79	193.24	357.13	45
35	Uttarakhand	37.95	192.35	24.79	42.91
36	West Bengal	0.69	18.37	11.06	0.65
TOTAL		3018.88	5525.98	9362.63	1463.58

ANNEXURE-II**ANNEXURE-II REFERRED TO IN REPLY TO PART (e) OF LOK SABHA
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The State-wise detail of solar study lamps distributed till date:

Sl. No.	State	No. of Solar Study Lamps distributed
1	Assam	132438
2	Bihar	667052
3	Chhattisgarh	802
4	Jharkhand	532073
5	Madhya Pradesh	521065
6	Maharashtra	194386
7	Odisha	89961
8	Rajasthan	256018
9	Uttar Pradesh	396657
Total		2790452