

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 2501
TO BE ANSWERED ON 05.03.2020

SOLAR ROOFTOP POWER GENERATION

2501. SHRI TALARI RANGAIAH
MS. RAMYA HARIDAS

Will the Minister of New and Renewable Energy be pleased to state:

- (a) the number of persons, who have installed solar equipment on the roof of their homes and energy likely to be generated as a result thereof, state/UT-wise including Kerala;
- (b) whether there is any subsidy announced by the government to promote residential solar rooftop power generation;
- (c) if so, details thereof; and
- (d) the numbers of beneficiaries who have received the subsidy till date, State/UT-wise?

ANSWER

THE MINISTER OF STATE (I/C) FOR NEW & RENEWABLE ENERGY, POWER and
MoS for SKILL DEVELOPMENT AND ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) to (d) Under Phase II of Grid Connected Rooftop (GCRT) Solar Program, Central Finance Assistance (CFA) of 40% of the benchmark cost or tender cost, whichever is lower for Residential grid connected systems upto 3 kW and 20% of the benchmark cost or tender cost, whichever is lower for Residential grid connected rooftop system of capacity of more than 3kW and upto 10 kW is provided. For residential GCRT systems above 10 kW the CFA is limited as in cases of 10 kW. The Phase II of GCRT program also provides CFA of 20% of benchmark cost or tender cost, whichever is lower for group housing societies/ resident welfare associations for supply of power for common facilities.

As per the data captured on the SPIN portal of the Ministry of New and Renewable Energy (MNRE) 79,950 residential consumers have installed rooftop solar of around 322 MW capacity as on 2nd March 2020 availing central financial assistance from MNRE. It is estimated that around 483 million units of electricity is generated per year from these GCRT systems with the assumption that one MW of rooftop solar plant generates around 1.5 million unit of electricity per year. The state wise details of subsidised number of projects and total capacity installation as on 2nd March 2020 is given in the **ANNEXURE**.

ANNEXURE**Annexure as referred in reply to part-a to d of Lok Sabha untarred Q. no. 2501 for reply on 5th March 2020**

S. NO.	State /UTs	Nos. of total Subsidized installations	Subsidized Capacity (MW) in residential sector as on 02.03.2020
1	ANDAMAN and NICOBAR ISLANDS	0	0.00
2	ANDHRA PRADESH	1066	4.41
3	ARUNACHAL PRADESH	1	0.01
4	ASSAM	127	0.75
5	BIHAR	114	0.59
6	CHANDIGARH	1225	5.29
7	CHHATTISGARH	3	0.03
8	DADRA and NAGAR HAVELI	0	0.00
9	DAMAN and DIU	0	0.00
10	GOA	0	0.00
11	GUJARAT	50915	177.67
12	HARYANA	2675	16.11
13	HIMACHAL PRADESH	1297	6.06
14	JAMMU and KASHMIR	99	0.40
15	JHARKHAND	42	0.21
16	KARNATAKA	10	0.06
17	KERALA	2369	9.33
18	LAKSHADWEEP	0	0.00
19	MADHYA PRADESH	246	1.01
20	MAHARASHTRA	5531	30.66
21	MANIPUR	431	1.96
22	MEGHALAYA	0	0.00
23	MIZORAM	265	0.91
24	NAGALAND	0	0.00
25	NCT OF DELHI	257	2.96
26	ORISSA	55	0.27
27	PUDUCHERRY	25	0.09
28	PUNJAB	1270	7.31
29	RAJASTHAN	2272	15.58
30	SIKKIM	0	0.00
31	TAMIL NADU	4345	9.42
32	TELANGANA	1621	7.83
33	TRIPURA	0	0.00
34	UTTAR PRADESH	1356	7.38
35	UTTARAKHAND	2332	15.60
36	WEST BENGAL	1	0.02
Total		79950	322