

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 855
ANSWERED ON 21.07.2022

SOLAR POWER PROJECTS

+855. SHRIMATI QUEEN OJA

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

- (a) the number of solar power projects being implemented by the Government for providing electricity to each of the States;
- (b) whether the Government has selected any States for providing electricity through solar power project;
- (c) if so, the details thereof, State-wise;
- (d) whether the Government has put North Eastern States including Assam in special category; and
- (e) if so, the details thereof?

ANSWER

THE MINISTER OF STATE OF NEW & RENEWABLE ENERGY AND CHEMICALS AND FERTILIZERS

(SHRI BHAGWANTH KHUBA)

(a) Solar power projects of total capacity 57705.70 MW have been installed in the country as on 30.6.2022.

(b)&(c) For promotion of solar energy, the Ministry of New and Renewable Energy provides financial support under various schemes. This support is available to all States in the country. Also, large grid-connected solar power projects are installed by private developers selected through tariff based competitive bidding. These developers are free to install such projects in the State of their choice. State-wise details of solar power projects installed in the country, as on 30.06.2022, are at **Annexure-I**.

(d)&(e) For General category States, under Component-B for installation of standalone solar pumps and under Component-C for solarization of individual grid-connected agriculture pumps under the Pradhan Mantri- Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM- KUSUM) Scheme, Central Financial Assistance (CFA) of 30% of the benchmark cost or the tender cost, whichever is lower, is provided. However, in North Eastern States including Sikkim and in the States/ UTs of Jammu & Kashmir, Ladakh, Himachal Pradesh, Uttarakhand, Lakshadweep and A&N Islands, CFA of 50% of the benchmark cost or the tender cost, whichever is lower, is provided.

Under Roof-top Solar (RTS) Scheme, for individual households, CFA of upto 40% of the benchmark cost is provided for RTS plants upto 3 kW capacity and upto 20% for RTS plants of capacity beyond 3 kW and up to 10 kW. For Group Housing Societies/Residential Welfare Associations (GHS/RWA), CFA is limited to 20% of the benchmark cost for RTS plants of capacity up to 500 kW used for supply of power to common facilities. The above mentioned CFA pattern is same for all States. However, the benchmark cost for the North-Eastern States including Sikkim, Himachal Pradesh, Uttarakhand, Jammu & Kashmir, Ladakh, Andaman and Nicobar and Lakshadweep islands is higher compared to other States/UTs. The details of benchmark cost for Financial Year 2021-22 are at **Annexure-II**.

**ANNEXURE-I REFERRED TO IN REPLY TO PART (b) AND (c) OF LOK SABHA
UNSTARRED QUESTION NO. 855 FOR 21.07.2022**

STATE-WISE DETAILS OF SOLAR POWER PROJECTS INSTALLED IN THE COUNTRY

Sr. No.	State/UT	Cumulative Capacity till 30-06-2022 (MW)
1	Andaman & Nicobar	29.91
2	Andhra Pradesh	4390.48
3	Arunachal Pradesh	11.23
4	Assam	142.94
5	Bihar	190.69
6	Chandigarh	56.85
7	Chhattisgarh	529.32
8	Dadar & Nagar	5.46
9	Daman & Diu	41.01
10	Delhi	211.12
11	Goa	21.54
12	Gujarat	7806.80
13	Haryana	943.61
14	Himachal Pradesh	80.56
15	Jammu & Kashmir	47.90
16	Jharkhand	88.79
17	Karnataka	7597.92
18	Kerala	539.60
19	Ladakh	7.80
20	Lakshadweep	3.27
21	Madhya Pradesh	2746.27
22	Maharashtra	2753.30
23	Manipur	12.26
24	Meghalaya	4.16
25	Mizoram	8.01
26	Nagaland	3.04
27	Odisha	452.13
28	Pondicherry	35.53
29	Punjab	1117.99
30	Rajasthan	14454.70
31	Sikkim	4.69
32	Tamil Nadu	5690.79
33	Telangana	4621.07
34	Tripura	15.87
35	Uttar Pradesh	2244.56
36	Uttarakhand	573.54
37	West Bengal	176.00
38	Others including NABARD	45.01
Total		57705.70

**ANNEXURE-II REFERRED TO IN REPLY TO PART (d) AND (e) OF LOK SABHA
UNSTARRED QUESTION NO. 855 FOR 21.07.2022**

**SYSTEM-WISE BENCHMARK COST OF GRID CONNECTED ROOFTOP SOLAR
PROJECTS EXCLUDING GST OF FY 2021-22**

(I) For General Category States/ UTs:

System Capacity range	Up to 1 kW	> 1 kW upto 2 kW	>2kW Upto 3kW	> 3kW upto 10 kW	>10 kW upto 100 kW	>100 kW upto 500 kW
Benchmark cost (Rs./kW) without GST	46923	43140	42020	40991	38236	35886

(II) For Other States/UTs (i.e North-Eastern States including Sikkim, Himachal Pradesh, Uttarakhand, Jammu & Kashmir, Ladakh, Andaman and Nicobar and Lakshadweep islands):

System Capacity range	Up to 1 kW	> 1 kW upto 2 kW	>2kW Upto 3kW	> 3kW upto 10 kW	>10 kW upto 100 kW	>100 kW upto 500 kW
Benchmark cost (Rs./kW) without GST	51616	47447	46216	45087	42056	39467