

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 454**  
ANSWERED ON 06/02/2024

**SOLAR POWER GENERATION**

454. SHRI C. VE. SHANMUGAM

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

- (a) whether it is a fact that solar power generation has increased considerably in the country during the last decade or so;
- (b) if so, the details thereof, and if not, the reasons therefor;
- (c) the details of installation of solar power panels under the national solar mission, State- wise;
- (d) whether there is any plan to provide for installation of solar power panels on buildings of Government schools and offices;
- (e) if so, the details thereof and the time by which such installation is likely to be completed, State-wise, particularly in Tamil Nadu; and
- (f) if not, the reasons therefor?

**ANSWER**

**THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER**

**(SHRI R.K. SINGH)**

(a) &(b) The solar power installed capacity in the country has increased from 2.82 GW as on 31.03.2014 to 73.32 GW as on 31.12.2023.

(c) The details of installation of solar power capacity under the National Solar Mission, State wise is given at **Annexure I**

(d) to (f) The Ministry of New and Renewable Energy is implementing Rooftop Solar (RTS) Programme Phase-II, wherein, Central Financial Assistance (CFA) is being provided for the installation of RTS in the Residential sector only, including Residential Welfare Association (RWA)/Group Housing Society (GHS). The Programme envisages the installation of 4,000 MW of RTS capacity in the residential sector till 31.03.2026. CFA is not available for other categories i.e. institutional, educational, social, government, commercial, and industrial sectors as the beneficiaries in these sectors are high tariff-paying consumers and adoption of solar would be economically beneficial for them even without CFA.

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**ANNEXURE- I REFERRED TO IN REPLY TO PART (c) OF RAJYA SABHA  
UNSTARRED QUESTION NO.454 FOR 06.02.2024**

**State-wise installed capacity of Solar Power (as on 31.12.2023)**

<b>S. No.</b>	<b>STATES / UTs</b>	<b>Solar Power Capacity in MW</b>
1	Andhra Pradesh	4565.60
2	Arunachal Pradesh	11.79
3	Assam	155.81
4	Bihar	223.54
5	Chhattisgarh	1072.24
6	Goa	35.76
7	Gujarat	10549.07
8	Haryana	1240.47
9	Himachal Pradesh	111.55
10	Jammu & Kashmir	54.98
11	Jharkhand	121.77
12	Karnataka	9412.71
13	Kerala	859.01
14	Ladakh	7.80
15	Madhya Pradesh	3170.05
16	Maharashtra	5080.28
17	Manipur	13.04
18	Meghalaya	4.19
19	Mizoram	30.43
20	Nagaland	3.17
21	Odisha	473.03
22	Punjab	1266.55
23	Rajasthan	18777.14
24	Sikkim	4.69
25	Tamil Nadu	7360.94
26	Telangana	4712.98
27	Tripura	18.47
28	Uttar Pradesh	2740.87
29	Uttarakhand	575.53
30	West Bengal	194.06
31	Andaman & Nicobar	29.91
32	Chandigarh	64.05
33	Dadar & Nagar Haveli and Daman & Diu	46.47
34	Delhi	237.29
35	Lakshadweep	4.97
36	Puducherry	43.27
37	Others	45.01
	<b>Total (MW)</b>	<b>73318.49</b>