

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 1266
ANSWERED ON 27.07.2023

SOLAR POWER CAPACITY TARGET

1266. SHRIMATI CHINTA ANURADHA

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

- (a) whether the Government has set a target of 100 GW solar power capacity to be achieved by the end of this year;
- (b) if so, whether any targets have been fixed and if so, the details thereof, State-wise, particularly for Andhra Pradesh;
- (c) the details of solar power capacity installed so far, State-wise;
- (d) whether the Government proposes to achieve the said target in a time bound manner and if not, the reasons therefor;
- (e) whether it is possible to reuse or recycle solar panel waste so generated; and
- (f) if so, the details thereof?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a) & (b) The Government had set a target of achieving 100 GW of solar power installed capacity in the country by the year 2022. State-wise targets are not set.

(c) & (d) The total solar power capacity installed in the country as on 30.06.2023 is 70.10 GW. The State-wise details of cumulative solar power capacity installed, so far is given at **Annexure**. In addition, 55.90 GW is under installation.

The Government is making all efforts through various schemes & policies and coordination with the State Governments and the private industry for realization of the target at the earliest.

(e) & (f) Yes, Sir. it is possible to reuse and recycle the solar panel waste. PV modules from a Solar PV plant may be considered for recycling depending upon the module conditions.

The re-use of the recycled/recovered material is mainly dependent on (1) economic value of the recycled material compared to the virgin material; (2) purity & quality of the recycled material.

**ANNEXURE-I REFERRED TO IN REPLY TO PART (c)&(d) OF LOK SABHA
UNSTARRED QUESTION NO. 1266 FOR 27.07.2023**

**STATE-WISE DETAILS OF CUMULATIVE SOLAR POWER CAPACITY
INSTALLED SO FAR**

Sl. No.	State/UT	Cumulative Solar Installed Capacity as on 30-06-2023 (in MW)
1.	Andaman & Nicobar	29.91
2.	Andhra Pradesh	4552.12
3.	Arunachal Pradesh	11.75
4.	Assam	155.70
5.	Bihar	203.18
6.	Chandigarh	63.59
7.	Chhattisgarh	962.51
8.	Dadra & Nagar Haveli	5.46
9.	Daman & Diu	41.01
10.	Delhi	227.73
11.	Goa	33.74
12.	Gujarat	10133.66
13.	Haryana	1106.49
14.	Himachal Pradesh	106.55
15.	Jammu & Kashmir	53.29
16.	Jharkhand	119.34
17.	Karnataka	9050.59
18.	Kerala	802.16
19.	Ladakh	7.80
20.	Lakshadweep	3.27
21.	Madhya Pradesh	3021.57
22.	Maharashtra	4870.64
23.	Manipur	12.43
24.	Meghalaya	4.15
25.	Mizoram	30.43
26.	Nagaland	3.04
27.	Odisha	458.88
28.	Puducherry	43.26
29.	Punjab	1190.58
30.	Rajasthan	17839.98
31.	Sikkim	4.69
32.	Tamil Nadu	6892.81
33.	Telangana	4695.21
34.	Tripura	18.06
35.	Uttar Pradesh	2526.61
36.	Uttarakhand	575.53
37.	West Bengal	194.06
38.	Others including NABARD	45.01
Total		70096.79