

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 452
ANSWERED ON 06/02/2024

ASSESSMENT OF POTENTIAL OF SOLAR ENERGY IN THE COUNTRY

452. SHRI RAJENDRA GEHLOT

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

- (a) whether Government has made any assessment of the potential of solar energy in the country and if so, the details thereof;
- (b) the details of funds allocated, sanctioned and utilised for development of solar energy in the country, State/UT-wise; and
- (c) whether Government proposes to set up more projects to strengthen solar energy in the country, if so, the details thereof, State/UT-wise including Rajasthan and if not, the reasons therefor?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

- (a) A total solar potential of 748 GWp has been estimated by National Institute of Solar Energy (NISE), on the basis of the data from Waste Land Atlas of India 2010. State-wise details are given at **Annexure -I**.
- (b) State-wise funds released for the development of solar energy sector in the last financial year is given at **Annexure II**.
- (c) The Government has set a target of achieving 500 GW of installed capacity from non-fossil fuel sources by 2030, in line with the Hon'ble Prime Minister's announcement at CoP-26, held at Glasgow. State-wise targets for this goal have not been set.

ANNEXURE- I REFERRED TO IN REPLY TO PART (a) OF RAJYA SABHA**UNSTARRED QUESTION NO.452 FOR 06.02.2024****STATE/UT-WISE DETAILS OF SOLAR POTENTIAL**

Sl. No.	Name of State/UT	Solar Potential (MW_p)
1	Andhra Pradesh	38440
2	Arunachal Pradesh	8650
3	Assam	13760
4	Bihar	11200
5	Chhattisgarh	18270
6	Goa	880
7	Gujarat	35770
8	Haryana	4560
9	Himachal Pradesh	33840
10	Jammu & Kashmir	111050
11	Jharkhand	18180
12	Karnataka	24700
13	Kerala	6110
14	Madhya Pradesh	61660
15	Maharashtra	64320
16	Manipur	10630
17	Meghalaya	5860
18	Mizoram	9090
19	Nagaland	7290
20	Orissa	25780
21	Punjab	2810
22	Rajasthan	142310
23	Sikkim	4940
24	Tamil Nadu	17670
25	Telangana	20410
26	Tripura	2080
27	Uttar Pradesh	22830
28	Uttarakhand	16800
29	West Bengal	6260
30	Delhi	2050
31	Others (UTs)	790
	Total	748990.00 = 748 GW_p

**ANNEXURE II REFERRED TO IN REPLY TO PART (b) OF RAJYA SABHA
UNSTARRED QUESTION NO.452 FOR 06.02.2024**

THE DETAILS OF FUND RELEASED IN LAST FINANCIAL YEAR

(Rs in crores)

SL.NO.	State	2022-23
1	Andhra Pradesh	68.96
2	Arunachal Pradesh	9.30
3	Assam	14.02
4	Chandigarh	0.73
5	Chhattisgarh	13.54
6	Delhi	10.07
7	Gujarat	1114.65
8	Haryana	118.18
9	Himachal Pradesh	15.73
10	Jammu & Kashmir	27.98
11	Jharkhand	40.64
12	Karnataka	90.98
13	Kerala	89.71
14	Ladakh	125.00
15	Madhya Pradesh	170.14
16	Maharashtra	304.58
17	Mizoram	1.29
18	Nagaland	6.37
19	Odisha	26.70
20	Punjab	55.93
21	Rajasthan	258.84
22	Tamil Nadu	10.98
23	Telangana	42.81
24	Tripura	0.12
25	Uttarakhand	8.33
26	Uttar Pradesh	74.32
27	West Bengal	4.71
28	Others (CEL, REL, NABARD, Regional Rural Banks, NGOs, etc.) and other Channel Partners	17.71
Total		2722.32

