

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-467
ANSWERED ON-22/07/2021

ASSESSMENT OF AVAILABLE LAND FOR SOLAR POWER PROJECTS

+467. SHRI SUNIL KUMAR SONI
SHRI VIJAY BAGHEL
SHRI ARUN SAO

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

- (a) whether the Government has made assessment of available land to set up solar power generation projects/ units in various parts of the country;
- (b) if so, the details thereof, State-wise;
- (c) whether the Government proposes to use barren land for the said purpose; and
- (d) if so, the details thereof?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a)&(b) The State-wise details of assessment of available land, made by the National Institute of Solar Energy to set up solar power generation projects/ units are given in **Annexure**.

(c)&(d) The Government encourages the States/Union Territories to use waste/non-agricultural land with appropriate insolation levels for development of solar parks under the scheme for “Development of Solar Parks and Ultra Mega Solar Power Projects”.

**ANNEXURE REFERRED TO IN REPLY TO PART (A) AND (B) OF LOK SABHA
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STATE-WISE DETAILS OF ASSESSMENT OF AVAILABLE LAND

S. No.	State	Solar Power Plant area* (3% of waste land) (in Sq km.)
1.	Andhra Pradesh	737
2.	Arunachal Pradesh	172
3.	Assam	263
4.	Bihar	205
5.	Chhattisgarh	355
6.	Delhi	3
7.	Goa	15
8.	Gujarat	641
9.	Haryana	70
10.	Himachal Pradesh	674
11.	Jammu & Kashmir (including UT of Laddakh)	2213
12.	Jharkhand	350
13.	Karnataka	433
14.	Kerala	74
15.	Madhya Pradesh	1201
16.	Maharashtra	1148
17.	Manipur	211
18.	Meghalaya	116
19.	Mizoram	181
20.	Nagaland	144
21.	Odisha	499
22.	Punjab	31
23.	Rajasthan	2811
24.	Sikkim	98
25.	Tamil Nadu	274
26.	Telangana	382
27.	Tripura	39
28.	Uttar Pradesh	384
29.	Uttarakhand	329.7
30.	West Bengal	59.8
31.	UTs (excluding UTs of J&K and Laddakh)	10.1
	Total	14123.6

Note: * Calculations made on basis of data from Census,2011 and also taking into consideration data from India Waste Land Atlas 2010 from Ministry of Rural Development.