

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY

LOK SABHA

UNSTARRED QUESTION NO. 970

ANSWERED ON 08/02/2024

HIGH SOLAR POTENTIAL

970. SHRI PRATAP CHANDRA SARANGI

SHRI C.R. PATIL

SHRI ANURAG SHARMA

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

- (a) the details of the State which have the highest Solar Potential in GWp in the country, State/UT-wise including Odisha, Gujarat and Uttar Pradesh;
- (b) the number of solar parks Odisha, Gujarat and Uttar Pradesh currently do have in place;
- (c) the details of approval of solar parks in the said States, mode-wise;
- (d) the details of solar park project developers in the said States and their individual capacity thereof; and
- (e) the issues faced by Poogal Solar Plant in Bikaner, Rajasthan and the manner in which the Government proposes to resolve those issues?

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/UT-wise details including Odisha, Gujarat and Uttar Pradesh are given at **Annexure -I**.
- (b) to (d) The details of the Solar Parks and concerned project developers in Odisha, Gujarat and Uttar Pradesh, under the scheme for “Development of Solar Parks and Ultra Mega Solar Power Projects” are given at **Annexure –II**.
- (e) Government land allotment is under process with Revenue Department, Government of Rajasthan in favour of park developer. The developer has been asked to get it expedited.

**ANNEXURE- I REFERRED TO IN REPLY TO PART (a) OF LOK SABHA
UNSTARRED QUESTION NO.970 FOR 08.02.2024
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) (c) & (d) OF LOK SABHA UNSTARRED QUESTION NO.970 FOR
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Details of Solar Parks and solar projects commissioned

Sl. No	State	Name of the Solar Park	Mode	Capacity Sanctioned (in MW)	State Total (in MW)	Capacity commissioned (in MW)	Details of developers whose projects are commissioned
1.	Gujarat	Radhnesada solar park	1	700	12150	600	<ul style="list-style-type: none"> • M/s ENGIE (200 MW) • M/s TATA Power (100 MW) • M/s GIPCL (100 MW) • M/s GSECL (200 MW)
2.		Dholera Solar Park Ph-I	1	1000		300	M/s TATA Power (300 MW)
3.		NTPC RE Park	8	4750		-	-
4.		GSECL RE Park	8	3325		-	-
5.		GIPCL RE Park	8	600		-	-
6.		GIPCL RE Park Ph-II	8	1200		-	-
7.		GIPCL RE Park Ph-III	8	575		-	-
8.	Odisha	Solar Park-I by NHPC	5	40	340	-	-
9.		Floating solar park	8	100		-	-
10.		Floating solar park Ph-II	8	200		-	-
11.	Uttar Pradesh	Solar park in UP	2	365	3730	315	<ul style="list-style-type: none"> • M/s Enviro Solaire Pvt Ltd (75 MW) • M/s Rattan India2 Solar Ltd (50 MW) • M/s Azure Power Venus Pvt Ltd (40 MW) • M/s SJVN Ltd (150 MW)
12.		Jalaun Solar Park	8	1200		-	-
13.		Lalitpur Solar Park	8	600		-	-
14.		Jhansi Solar Park	8	600		-	-
15.		Mirzapur solar park	5	100		-	-
16.		Chitrakoot solar park	8	800		-	-
17.		Kalpi Solar Park	5	65		26	Project developed through EPC mode