

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 2647
ANSWERED ON 11/12/2024

MEGA SOLAR PARKS

2647. SHRI KANWAR SINGH TANWAR

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

- (a) the targets set and achievements made under development of mega solar parks in various cities of the country especially in Uttar Pradesh;
- (b) the criteria for selection of sites for the establishment of solar parks in the country;
- (c) whether the Solar Park Scheme of the Government has been successful so far in bringing large scale solar projects in the country especially in Uttar Pradesh;
- (d) if so, the details thereof;
- (e) the total solar energy production capacity in comparison to target set till date, State-wise, especially in Uttar Pradesh; and
- (f) the per unit average cost of solar energy, State-wise especially in Uttar Pradesh?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

(a) The Government is implementing a scheme for “Development of Solar Parks and Ultra-Mega Solar Power Projects” with a target to set up Solar Parks of aggregate capacity 40,000 MW.

As on 31.10.2024, 55 Solar Parks of aggregate capacity 39,958 MW have been sanctioned under the scheme. The details of Solar Parks sanctioned in various States including Uttar Pradesh is given at **Annexure-I**.

(b) The land for Solar Parks is generally identified by the State/UT Governments. The scheme encourages use of Government waste/non-agricultural land with good solar radiation, water availability and closer to Central/State Transmission Utilities.

(c) & (d) As on 31.10.2024, Solar projects of aggregate capacity 11,819 MW have been commissioned in various Solar Parks in the country, out of which 430 MW projects are commissioned in various solar parks of Uttar Pradesh.

(e) State-wise solar energy production targets are not set. However, the State-wise solar energy installed capacity in the country, including Uttar Pradesh is given at **Annexure-II**.

(f) The per unit average cost of solar energy, State-wise is not available. However, the solar tariff discovered in various bids in the current FY 2024-25 is mostly in the range of Rs. 2.5 - Rs. 2.7/unit.

**ANNEXURE I REFERRED TO IN REPLY TO PART (a) OF LOK SABHA UNSTARRED
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DETAILS OF SOLAR PARKS SANCTIONED IN VARIOUS STATES

Sl. No.	State	Name of Park	Capacity sanctioned (MW)	
1.	Andhra Pradesh	Ananthapuramu Solar Park	1400	
2.		Kurnool Solar Park	1000	
3.		Kadapa Solar Park	1000	
4.		Ananthapuramu-II Solar Park	500	
5.		Ramagiri Solar Park	300	
6.	Chhattisgarh	Rajnandgaon Solar Park	100	
7.	Gujarat	Radhnesada Solar Park	700	
8.		Dholera Solar Park	1000	
9.		NTPC RE Park, Kutch	4750	
10.		GSECL RE Park, Kutch	3325	
11.		GIPCL RE Park Ph-I, Kutch	600	
12.		GIPCL RE Park Ph-II, Kutch	1200	
13.		GIPCL RE Park Ph-III, Kutch	575	
14.	Himachal Pradesh	Pekhubela Solar Park, Una	53	
15.	Jharkhand/West Bengal	DVC Floating Solar Park Ph-I, Dhanbad & Hazaribagh Districts of Jharkhand & Purulia District of West Bengal	755	
16.	Jharkhand	SECI Floating Solar Park, Ranchi	100	
17.		DVC Floating Solar Park Ph-II, Dhanbad	234	
18.	Karnataka	Pavagada Solar Park, Tumkur	2000	
19.		Bidar Solar Park	500	
20.	Kerala	Kasargod Solar Park	105	
21.		NHPC Floating Solar Park, Kollam	50	
22.		Kasargod Solar Park Ph-II	100	
23.	Madhya Pradesh	Rewa Solar Park	750	
24.		Mandsaur Solar Park	250	
25.		Neemuch Solar Park	500	
26.		Agar Solar Park	550	
27.		Shajapur Solar Park	450	
28.		Omkareswar Floating Solar Park, Khandwa	600	
29.		Barethi Solar Park, Chhatarpur	630	
30.		Morena Park	600	
31.		Maharashtra	Sai Guru Solar Park, Dhule	500
32.			Dondaicha Solar Park, Dhule	250
33.	Patoda Solar Park, Beed		250	
34.	Erai Floating Solar Park, Chandrapur		105	
35.	Mizoram	Vankal Solar Park, Khawzawl	20	
36.	Odisha	Solar Park by NHPC, Ganjam	40	

Sl. No.	State	Name of Park	Capacity sanctioned (MW)
37.	Rajasthan	Bhadla-II Solar Park, Jodhpur	680
38.		Bhadla-III Solar Park, Jodhpur	1000
39.		Bhadla-IV Solar Park, Jodhpur	500
40.		Phalodi-Pokaran Solar Park, Jodhpur & Jaisalmer	750
41.		Fatehgarh Phase-1B Solar Park, Jaisalmer	421
42.		Nokh Solar Park, Jaisalmer	925
43.		Pugal Solar Park Ph-I, Bikaner	1000
44.		Pugal Solar Park Ph-II, Bikaner	1000
45.		RVUN Solar Park, Bikaner	2000
46.		Bodana Solar Park, Jaisalmer	2000
47.		Uttar Pradesh	Solar Park in UP
48.	Jalaun Solar Park		1200
49.	Mirzapur Solar Park		100
50.	Kalpi Solar Park, Jalaun		65
51.	Lalitpur Solar Park		600
52.	Jhansi Solar Park		600
53.	Chitrakoot Solar Park		800
54.	Kanpur Dehat Park		75
55	Kanpur Nagar Park		35
Total			39958

**ANNEXURE II REFERRED TO IN REPLY TO PART (e) OF LOK SABHA UNSTARRED
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STATE-WISE INSTALLED CAPACITY OF SOLAR ENERGY (AS ON 31.10.2024)

Sl. No.	State/UT	Installed capacity (MW)
1	Andhra Pradesh	4650.89
2	Arunachal Pradesh	14.72
3	Assam	180.77
4	Bihar	257.34
5	Chhattisgarh	1265.78
6	Goa	47.86
7	Gujarat	15305.26
8	Haryana	1905.19
9	Himachal Pradesh	137.29
10	Jammu & Kashmir	73.89
11	Jharkhand	181.04
12	Karnataka	8930.10
13	Kerala	1261.76
14	Ladakh	7.80
15	Madhya Pradesh	4248.69
16	Maharashtra	8133.57
17	Manipur	13.79
18	Meghalaya	4.28
19	Mizoram	30.35
20	Nagaland	3.17
21	Odisha	608.38
22	Punjab	1375.79
23	Rajasthan	24553.13
24	Sikkim	7.56
25	Tamil Nadu	9324.05
26	Telangana	4842.10
27	Tripura	20.93
28	Uttar Pradesh	3286.98
29	Uttarakhand	592.07
30	West Bengal	310.47
31	Andaman & Nicobar Islands	29.91
32	Chandigarh	75.51
33	Dadra & Nagar Haveli and Daman & Diu	48.12
34	Delhi	288.39
35	Lakshadweep	4.97
36	Puducherry	52.27
37	Others including NABARD projects	45.01
	Total (MW)	92119.18