

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO-306
ANSWERED ON-30/11/2021

MEGA ENERGY PARKS IN SEVEN STATES

306. SHRI DEREK O' BRIEN

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

- (a) the timeline that Government has decided upon to complete mega energy parks in seven States;
- (b) the capacity of each individual project;
- (c) whether the Ministry has taken into consideration the environmental costs and trade-offs for renewable energy; and
- (d) whether an environmental impact assessment will be conducted for these projects, if so, the details thereof?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

- (a) The timeline for completion of solar parks in all States under the scheme for “Development of Solar Parks and Ultra Mega Solar Power Projects” is March, 2024.
- (b) The State-wise details of Solar Parks sanctioned along with their capacity are given in **Annexure**.
- (c)&(d) Renewable Energy projects lead to reduction of CO₂ emissions @ 1800 metric tones per MW every year. Solar and Wind Power projects are beneficial for environment and so they are not covered under the ambit of Environmental Impact Assessment (EIA) Notification, 2006 & as such they do not require prior environmental clearance. Hydro-electric projects less than 25 MW, Thermal Power Plants upto 15 MW based on Biomass, or non-hazardous municipal solid waste using auxiliary fuel such as coal, lignite/petroleum products upto 15% and Thermal power plants using waste heat boilers without any auxiliary fuel are exempted from the requirement of prior environmental clearance.

**ANNEXURE REFERRED TO IN REPLY TO PART (B) OF RAJYA SABHA
UNSTARRED QUESTION NO. 306 FOR 30.11.2021**

**STATE-WISE DETAILS OF SANCTIONED SOLAR PARKS ALONGWITH THEIR
CAPACITY**

Sl. No.	State	Name of Solar Park	Capacity (in MW)
1.	Andhra Pradesh (4000 MW)	Ananthapuramu Solar Park	1500
2.		Kurnool Solar Park	1000
3.		Kadapa Solar Park	1000
4.		Anathapuramu-II Solar Park	500
5.	Gujarat (14375 MW)	Radhnesada Solar Park	700
6.		Dholera Solar Park (Phase-I)	1000
7.		Dholera Solar Park (Phase-II)	4000
8.		NTPC RE Park	4750
9.		GSECL RE Park	3325
10.		GIPCL RE Park	600
11.	Himachal Pradesh (880 MW)	Kaza Solar Park	880
12.	Jharkhand (230 MW)	Floating Solar Park	150
13.		Deogarh Solar Park	20
14.		Palamu Solar Park	20
15.		Garwha Solar Park	20
16.		Simdega Solar Park	20
17.	Karnataka (2500 MW)	Pavagada Solar Park	2000
18.		Kalburgi Solar Park	500
19.	Kerala (155 MW)	Kasargod Solar Park	105
20.		Floating Solar Park	50
21.	Madhya Pradesh (6000 MW)	Rewa Solar Park	750
22.		Mandsaur Solar Park	250
23.		Neemuch Solar Park	500
24.		Agar Solar Park	550
25.		Shajapur Solar Park	450
26.		Chhatarpur Solar Park	950
27.		Omkareshwar Floating Solar Park	600
28.		Morena Solar Park	1400
29.		Barethi Solar Park	550
30.		Maharashtra (1250 MW)	Sai Guru Solar Park
31.	Dondaicha Solar Park		250
32.	Patoda Solar Park		500
33.	Manipur (20 MW)	Bukpi Solar Park	20
34.	Meghalaya	Solar Park at Suchen	20

Sl. No.	State	Name of Solar Park	Capacity (in MW)
	(20 MW)	& Thamar	
35.	Mizoram (20 MW)	Vankal Solar Park	20
36.	Odisha (240 MW)	Solar park by NHPC	40
37.		Solar Park by NHPC	100
38.		Floating Solar Park	100
39.	Rajasthan (4276 MW)	Bhadla Phase-II Solar Park	680
40.		Bhadla III Solar Park	1000
41.		Bhadla IV Solar Park	500
42.		Phalodi-Pokaran Solar Park	750
43.		Fatehgarh Phase 1B Solar Park	421
44.		Nokh Solar Park	925
45.	Uttar Pradesh (3805 MW)	UP Solar Park	440
46.		Jalaun Solar Park	1200
47.		Parasan Kalpi Solar Park	65
48.		Mirzapur Solar Park	100
49.		Lalitpur Solar Park	600
50.		Jhansi Solar Park	600
51.		Chitrakoot Solar Park	800
Total (MW)			37771