

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
STARRED QUESTION NO. 267
ANSWERED ON 16.12.2021

SETTING UP OF SOLAR PARKS

*267. SHRI CHANDRA PRAKASH CHOUDHARY

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

- (a) whether the Government has sanctioned setting up of new solar parks especially in Jharkhand;
- (b) if so, the details thereof along with the funds allocated and spent so far for the purpose, State-wise, especially in Jharkhand;
- (c) whether the Government has also proposed to set up hydro power plants in Jharkhand;
- (d) if so, the details thereof; and
- (e) the other steps taken by the Government for harnessing and utilizing the solar energy with special focus on the States which are largely dependent on fossil fuels for power generation?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a) to (e) A Statement is laid on the Table of the House.

**STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED QUESTION
NO. 267 (7th POSITION) FOR 16.12.2021 REGARDING SETTING UP OF SOLAR
PARKS**

(a) The list of solar parks sanctioned in various States including Jharkhand is given at **Annexure-I**.

(b): State-wise funds released under Solar Park Scheme is given at **Annexure-II**. Funds under the scheme are released based on achievement of specified milestones. Four out of the five parks sanctioned in Jharkhand were sanctioned in October 2021. No funds have been released ,so far, for these solar parks because they have not reached the qualifying milestone.

(c)&(d) Damodar Valley Corporation has planned to set up Lugu-Pahar Pump Storage project with 1500 MW capacity (approximate) on Bokaro River, near Lugu Village in Gomia Tehsil, District Bokaro, Jharkhand. The Project envisages construction of Upper Dam across Kairo Jharna Nala with an underground Power House on the downstream of Upper Dam and a Lower Dam across Bokaro River.

(e) The details of important steps taken to promote solar energy in the country are given at **Annexure-III**.

**ANNEXURE-I REFERRED TO IN REPLY TO PART (a) OF LOK SABHA
STARRED QUESTION NO. 267 FOR 16.12.2021**

List of Solar Parks in India (as on 30-11-2021)

Sl. No.	Solar Park	Capacity (MW)	Location
Andhra Pradesh (4200 MW)			
1	Ananthapuramu-I Solar Park	1500	NP Kunta of Anantpuramu & Galiveedu of Kadapa Districts
2	Kurnool Solar Park	1000	Gani and Sakunala Village of Kurnool District
3	Kadapa Solar Park	1000	Vaddirala, Thalamanchi, Pannampalli, Ramachandrayapalli, Konna Ananthapuram and Dhidium villages in Mylavaram Madal, Kadapa District
4	Ananthapuramu-II Solar Park	500	Talaricheruvu & Aluru Villages, Tadipathri Mandal, Ananthapuramu District
5	Solar Wind Hybrid Park	200	Ramagiri & Muthuvakuntla Village, Ananthapur District
Gujarat (14375 MW)			
6	Radhnesada Solar Park	700	Radhnesada, Vav in Banaskantha District
7	Dholera Solar Park Ph-I	1000	Dholera Special Investment Region (SIR), Taluka- Dholera in Ahmedabad District
8	Dholera Solar Park Ph-II	4000	
9	NTPC RE Park	4750	Village - Khavda, Bhuj Taluka of Kutch District
10	GSECL RE Park	3325	Village - Khavda, Bhuj Taluka of Kutch District
11	GIPCL RE Park	600	Village - Khavda, Bhuj Taluka of Kutch District
Himachal Pradesh (880 MW)			
12	Kaza Solar Park	880	Poh, Kibber, Hikkim, Hull in Kaza and Loshar in Lahaul & Spiti District
Jharkhand (180 MW)			
13	Floating Solar Park	100	Getalsud dam in Ranchi District
14	Deogarh Solar Park	20	Village - Bada Dhobana in Deogarh District
15	Palamu Solar Park	20	Village - Jilinga in Palamu District
16	Garwha Solar Park	20	Village - Puregada in Garwha District
17	Simdega Solar Park	20	Village - Bari in Simdega District
Karnataka (2500 MW)			
18	Pavagada Solar Park	2000	Villages- Valluru, Rayacharlu, Balasamudra, Kyathaganacharlu, Thirumani of Pavagada Taluk, Tumkur District
19	Kalburgi Solar Park	500	Village Nadisinnuru, Kiranagi & Firozabad of Kalburgi Taluk , Gulbarga (Kalaburagi) District

Sl. No.	Solar Park	Capacity (MW)	Location
Kerala (155 MW)			
20	Kasargod Solar Park	105	Paivalike, Meenja, Kinanoor, Kraindalam and Ambalathara villages of Kasargode District
21	Floating Solar Park	50	West Kallada, Kerala
Madhya Pradesh (6000 MW)			
22	Rewa Solar Park	750	Badwar Ramnagar Pahadand Barsaita Desh in Gurh tehsil, Rewa District
23	Mandsaur Solar Park	250	Runija and Gujjarkhedi villages in Suwasra Tehsil, Mandsaur District
24	Neemuch Solar Park	500	Badi, Kawai and Bardwada villages of Singoli Tehsil in Neemuch District
25	Agar Solar Park	550	Susner & Agar tehsil in Agar District
26	Shajapur Solar Park	450	Moman, Badodiya tehsil & South Shajapur tehsil in Shajapur District
27	Omkareswar Floating Solar Park	600	Omkareshwar Reservoir in Khandwa District
28	Chhattarpur Solar Park	950	Bijawar panchayat in Chhatarpur District
29	Morena Solar Park	1400	Morena
30	Barethi Solar Park	550	Village Barethi, Rajnagar Tehsil in Chhatarpur District
Maharashtra (1250 MW)			
31	Sai Guru Solar Park	500	Bhamer Village, Taluka-Sakri, in Dhule District
32	Patoda Solar Park	500	Villages Tambarajuri, and Wadzari, Taluka Patoda, in Beed District
33	Dondaicha Solar Park	250	Villages- Vikhran & Methi, Taluka-Dondaicha, in Dhule District
Manipur (20 MW)			
34	Bukpi Solar Park	20	Bukpi Village, Pherzawl District
Meghalaya (20 MW)			
35	Solar park in Meghalaya	20	Thamar, West Jaintia Hills & Suchen, East Jaintia Hills Districts
Mizoram (20 MW)			
36	Vankal Solar Park	20	Vankal, Khawzal RD Block Chmaphai Districts
Odisha (240 MW)			
37	Solar Park in Odisha	100	Village-Kadopada, Deogarh District
38	Solar Park in Odisha	40	Village-Landehill, Tehsil Jagannath Prasad, Ganjam District
39	Floating Solar Park	100	Rengali Reservoir, Angul District
Rajasthan (4276 MW)			
40	Bhadla-II Solar Park	680	Village-Bhadla, Jodhpur District
41	Bhadla-III Solar Park	1000	Village-Bhadla, Jodhpur District
42	Bhadla-IV Solar Park	500	Village-Bhadla, Jodhpur District

Sl. No.	Solar Park	Capacity (MW)	Location
43	Phalodi-Pokaran Solar Park	750	Villages Ugraas, Nagnechinagar & Dandhu, Tehsil Phalodi in Jodhpur District (450 MW) and villages Lavan & Purohitsar, Tehsil Pokaran, Jaisalmer District (300 MW)
44	Fatehgarh Phase-1B Solar Park	421	Fatehgarh & Pokaran, Jaisalmer District
45	Nokh Solar Park	925	Village-Nokh, Pokaran, Jaisalmer District
Uttar Pradesh (3805 MW)			
46	Solar Park in UP	440	Orai & kalpi Tehsils of Jalaun, Meja tehsil of Allahabad, Chaanbe tehsil of Mirzapur and Akbarpur tehsil in Kanpur Dehat Districts
47	Jalaun Solar Park	1200	Village Amroh, Dorhat, Nunai, Lidhora and Tikarya of Tehsil Orai, Jalaun District
48	Mirzapur Solar Park	100	Village-Sherwa, Chak Lathiya & Jafarkhani of Tehsil- Chunar, Mirzapur District
49	Parasan Kalpi Solar Park	65	Village-Parasan, Kalpi Tehsil, Jalaun District
50	Lalitpur Solar Park	600	Jharar, Kadesara Kalan, Barama Bihar, Shahpura, Sarkadi, Pawa, Piprai and Gevra-Gundera Villages of Tehsil Talbhaet in Lalitpur District
51	Jhansi Solar Park	600	Sujanpura, Jalalpura, Jaswantpura, Nadaura, Bararu and Pura Villages of Tehsil Garotha in Jhansi District
52	Chitrakoot Solar Park	800	Gahur, Katiyadandi, Manka, Chhatani, Kharagdhah Villages of Tehsil Mau in Chitrakoot District
Cumulative Approved Capacity		37,921	

**ANNEXURE-II REFERRED TO IN REPLY TO PART (a) OF LOK SABHA
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STATE-WISE DETAILS OF FUNDS RELEASED UNDER SOLAR PARK SCHEME

S. No.	State	Actual CFA disbursed (in Lakhs)
1.	Andhra Pradesh	59080.34
2.	Arunachal Pradesh	19.65
3.	Chhattishgarh	15.00
4.	Gujarat	8911.35
5.	Karnataka	35194.55
6.	Kerala	882.00
7.	Madhya Pradesh	21265.99
8.	Maharashtra	867.08
9.	Manipur	10.00
10.	Meghalaya	3.07
11.	Mizoram	58.00
12.	Nagaland	10.00
13.	Rajasthan	53559.49
14.	Tamil Nadu	25.00
15.	Uttar Pradesh	3875.95
16.	Uttarakhand	8.25
17.	West Bengal	25.00
Total		183810.72

**ANNEXURE-III REFERRED TO IN REPLY TO PART (e) OF LOK SABHA
STARRED QUESTION NO. 267 FOR 16.12.2021**

**IMPORTANT STEPS TAKEN FOR PROMOTION OF SOLAR ENERGY
GENERATION IN THE COUNTRY**

- Declaration of trajectory for Renewable Purchase Obligation (RPO) up to the year 2022;
- Permitting Foreign Direct Investment (FDI) up to 100 percent under the automatic route;
- Waiver of Inter State Transmission System (ISTS) charges for inter-state sale of solar and wind power for projects to be commissioned by 30th June 2025;
- Setting up of solar parks to provide land and transmission to RE developers on a plug and play basis,
- Schemes such as Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM), Solar Rooftop Phase II, 12000 MW CPSU Scheme Phase II, etc,
- Laying new transmission lines and creating new sub-station capacity for evacuation of renewable power under Green Energy Corridor Scheme.
- Notification of standards for deployment of solar photovoltaic system/devices;
- Setting up of Project Development Cell for attracting and facilitating investments;
- Standard Bidding Guidelines for tariff based competitive bidding for procurement of power from Grid Connected Solar PV and Wind Projects;
- Government has issued orders that power shall be dispatched against Letter of Credit (LC) or advance payment to ensure timely payment by distribution licensees to RE generators; and
- Launch of Green Term Ahead Market (GTAM) to facilitate Renewable Energy power including Solar power through exchanges.