

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 4155**  
TO BE ANSWERED ON 03.04.2018  
**POWER GENERATION THROUGH NEW AND RENEWABLE ENERGY**

4155. SHRI RAM NATH THAKUR

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

- (a) whether it is a fact that Government is considering to increase the capacity of power generation through means of new and renewable energy;
- (b) if so, the details thereof;
- (c) whether Government would supply electricity in the country by generating power using solar energy; and
- (d) the details of the places in the country especially in Bihar where solar energy plants are to be set up?

**ANSWER**

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER (I/C)  
(SHRI R. K. SINGH)

(a) & (b) The Government has set a target of installing 175 GW of renewable energy capacity by the year 2022 which includes 100 GW from solar, 60 GW from wind, 10 GW from bio-power and 5 GW from small hydro power.

(c) The electricity generated through solar energy is already being supplied in the country through grid. A total of 19850 million units of power have been generated through solar energy during 2017-18 (up to January, 2018).

(d) The Ministry of New and Renewable Energy (MNRE) is implementing a scheme for development of Solar Parks and Ultra Mega solar power projects wherein the basic infrastructure such as roads, lands, evacuation network etc. are created. These parks are used by the developers for setting up solar plants. A list of Solar Parks sanctioned by MNRE is given in the Annexure. Solar Parks are sanctioned by MNRE as and when proposals are received from the State Governments as per the scheme guidelines. The Government of Bihar has not submitted any proposal for setting up of Solar Park. However, the State Government of Bihar has reported setting up of the following solar power generation plants in the state:-

- Gaya District - 50 MW
- Nawada District - 13 MW
- West Champaran - 15 MW
- Banka District - 30 MW
- Aurangabad District - 20 MW
- Madhya Pradesh ( for Bihar) - 10 MW

\*\*\*\*\*

**Annexure referred to in reply to part (d) of Rajya Sabha Unstarred Question No. 4155 for 3/4/2018  
regarding 'Power generation through new and renewable energy'**

**List of Solar Parks Sanctioned under the Solar Park Scheme (as on 28-02-2018)**

<b>Sl. No.</b>	<b>State</b>	<b>Name of the Solar Park</b>	<b>Capacity (MW)</b>
1.	Andhra Pradesh	Ananthapuramu-I solar park	1500
2.	Andhra Pradesh	Kurnool solar park	1000
3.	Andhra Pradesh	Kadapa solar park	1000
4.	Andhra Pradesh	Ananthapuramu-II solar park	500
5.	Andhra Pradesh	Solar Wind Hybrid Park	160
6.	Arunachal Pradesh	Lohit solar park	30
7.	Assam	Solar park in Assam	70
8.	Chhattisgarh	Rajnandgaon solar park	250
9.	Gujarat	Radhnesada solar park	700
10.	Gujarat	Harsad solar park	500
11.	Haryana	Solar park in Haryana	500
12.	Himachal Pradesh	Solar park in Himachal Pradesh	1000
13.	Jammu & Kashmir	Solar park in J&K	100
14.	Karnataka	Pavagada solar park	2000
15.	Kerala	Kasargod solar park	200
16.	Madhya Pradesh	Rewa solar park	750
17.	Madhya Pradesh	Neemuch-Mandsaur solar park	700
18.	Madhya Pradesh	Agar-Shajapur- Rajgarh solar park	1050
19.	Madhya Pradesh	Morena (Chambal) solar park	250
20.	Maharashtra	Sai Guru solar park	500
21.	Maharashtra	Dondaicha solar park	500
22.	Maharashtra	Patoda solar park	500
23.	Manipur	Bukpi solar park	20
24.	Meghalaya	Solar park in Meghalaya	20
25.	Mizoram	Vankal solar park	20
26.	Nagaland	Solar park in Nagaland	23
27.	Odisha	Solar park in Odisha	1000
28.	Rajasthan	Bhadla-II solar park	680
29.	Rajasthan	Bhadla-III solar park	1000
30.	Rajasthan	Phalodi-Pokaran solar park	750
31.	Rajasthan	Bhadla-IV solar park	500
32.	Rajasthan	Fatehgarh Phase-1B solar park	421
33.	Rajasthan	Nokh solar park	980
34.	Tamil Nadu	Solar park in Tamil Nadu	500
35.	Tamil Nadu	Kadaladi Solar Park	500
36.	Uttar Pradesh	Solar park in UP	440
37.	Uttarakhand	Solar park in Uttarakhand	50
38.	West Bengal	Solar park in West Bengal	500
<b>TOTAL</b>			<b>21164</b>