

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO-479**  
TO BE ANSWERED ON-13.12.2018  
**SOLAR PARK SCHEME**

479. SHRI PARBHUBHAI NAGARBHAI VASAVA  
SHRI GEORGE BAKER  
SHRI ANIL SHIROLE

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

- (a) the salient features of the Solar Park Scheme;
- (b) the details of the funds sanctioned, allocated and utilised for setting up these parks during the last three years and the current year across the country, State/ UT-wise including West Bengal;
- (c) the details of the number of solar parks approved and set up /in progress during the above-mentioned period across the country, State/UT-wise including West Bengal;
- (d) the details of the target set and achievements made under this scheme so far;
- (e) the details of the percentage of clean energy generated by these parks so far across the country, State/UT-wise including West Bengal; and
- (f) whether the Government has faced any difficulty in some of the States specially in West Bengal with regard to set up these parks after approval, if so, the details thereof and the reasons therefor along with the action taken by the Government in this regard?

**ANSWER**

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

- (a) The salient features of Solar Park Scheme are given at **Annexure-I**.
- (b) The State/UT-wise details of funds sanctioned and utilised through Solar Energy Corporation of India (SECI) for setting up of solar parks in the country including West Bengal during last three years and current year are given at **Annexure-II**.
- (c) The State/UT-wise details of solar parks approved in the country including West Bengal alongwith the status thereof are given at **Annexure-III**.
- (d) A target of 20,000 MW was set in 2014, which was later increased to 40,000 MW in 2017 for setting up of solar park in the country under the scheme. As on 30.11.2018, 47 solar parks with aggregate capacity of 26,694 MW in 21 states have been sanctioned.
- (e) The State/UT-wise details of the percentage of solar energy generated/installed in the solar parks commissioned across the country are given at **Annexure-IV**.
- (f) The major constraints in setting up of the solar parks in the country, including West Bengal, are availability of land, transmission/evacuation system, purchase of power by DISCOMs, lack of interest by some of the State Governments/UTs, etc. The Government regularly monitors the progress through meetings/video conferencing/writing letters etc. to address the issues faced by Solar Park Developers.

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**ANNEXURE-I REFERRED TO IN REPLY TO PART (a) OF LOK SABHA  
UNSTARRED QUESTION NO. 479 FOR 13.12.2018**

**THE SALIENT FEATURES OF THE SOLAR PARK SCHEME**

- (i) The scheme for “Development of Solar Parks and Ultra Mega Solar Power Projects” was rolled out by Ministry of New & Renewable Energy on 12-12-2014 with a target to set up at least 25 solar parks with aggregate capacity of 20,000 MW within a span of 5 years starting from 2014-15. The capacity of the Scheme was enhanced from 20,000 MW to 40,000 MW on 21-03-2017. These parks are proposed to be set up by 2021-22.
- (ii) The scheme envisages supporting the States/UTs in setting up solar parks at various locations in the country with a view to create required infrastructure for setting up of solar power projects.
- (iii) The solar parks provide suitable developed land with all clearances, transmission system, water access, road connectivity, communication network, etc. The scheme facilitates and speeds up installation of grid connected solar power projects for electricity generation on a large scale.
- (iv) All the States and Union Territories are eligible for getting benefit under the scheme.
- (v) The capacity of the solar parks shall be 500 MW and above. However, smaller parks are also considered in hilly States and States where there is acute shortage of non-agricultural land.
- (vi) The solar parks may be developed by the agencies of the State Governments, CPSUs and private entrepreneurs. The implementing agency is termed as Solar Power Park Developer (SPPD).
- (vii) Under the scheme, the Ministry provides Central Financial Assistance (CFA) of up to Rs. 25 lakh per solar park for preparation of Detailed Project Report (DPR). Beside this, CFA of up to Rs. 20.00 lakh per MW or 30% of the project cost, including Grid-connectivity cost, whichever is lower, is also provided on achieving the milestones prescribed in the scheme.





36	Odisha	Solar Park in Odisha	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00
37	Punjab	Solar Park in Punjab	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	Rajasthan	Bhadla Ph-II Solar Park	2827.20	2801.00	0.00	0.00	0.00	0.00	0.00	0.00
39		Bhadla Ph-III Solar Park	4625.25	4575.00	450.00	450.00	1778.88	1761.51	2855.93	1413.83
40		Bhadla Ph-IV Solar Park	25.00	25.00	2727.00	2700.00	2424.00	2400.00	0.00	0.00
41		Phalodi-Pokaran Solar Park	25.00	25.00	0.00	0.00	0.00	0.00	1818.00	0.00
42		Fatehgarh 1B Solar Park	25.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00
43		Jaisalmer Ph I Solar Park	1035.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44		Nokh Solar Park	0.00	0.00	0.00	0.00	25.00	25.00	0.00	0.00
45		Ext Trans Infra for Bhadla-II, III, IV SP	0.00	0.00	5081.45	5027.10	0.00	0.00	0.00	0.00
46		Ext Trans Infra for Bhadla-III, Bhadla-IV, PP	0.00	0.00	3025.92	3000.00	7.87	7.79	3022.13	2992.21
47		Tamil Nadu	Kadaladi Soalr Park	0.00	0.00	0.00	0.00	25.00	0.00	0.00
48	Telangana	Gattu Solar Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	Uttar Pradesh	UP Solar Park	1826.10	1807.05	0.00	0.00	0.00	0.00	0.00	0.00
50		Ext Trans Infra for UP solar park	0.00	0.00	0.00	0.00	1736.34	1719.15	0.00	0.00
51	Uttarakhand	SIIDCUL Solar Park	25.00	8.25	235.58	0.00	0.00	0.00	0.00	0.00
52	West Bengal	Solar Park in West Bengal	25.25	25.00	212.10	0.00	0.00	0.00	0.00	0.00
<b>Total</b>			<b>36572.76</b>	<b>36206.87</b>	<b>36790.29</b>	<b>34590.89</b>	<b>20146.34</b>	<b>19758.29</b>	<b>25416.65</b>	<b>14551.54</b>

**ANNEXURE-III**

**ANNEXURE-III REFERRED TO IN REPLY TO PART (c) OF LOK SABHA UNSTARRED QUESTION NO. 479 FOR 13.12.2018  
STATE/UT-WISE DETAILS OF SOLAR PARKS APPROVED –SET UP/IN PROGRESS:-**

<b>Sl. No.</b>	<b>State</b>	<b>Solar Parks approved Set up/in progress</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	Hybrid Solar Wind Park	160
	<b>Sub-total</b>		<b>4160</b>
6	Arunachal Pradesh	Lohit Solar Park	30
7	Assam	Solar Park in Assam	70
8	Gujarat	Radhnesada Solar Park	700
9	Gujarat	Harsad Solar Park	500
10	Gujarat	Dholera Solar Park	5000
	<b>Sub-total</b>		<b>6200</b>
11	Haryana	Solar Park in Haryana	500
12	Himachal Pradesh	Solar Park in Himachal Pradesh	1000
13	Jammu & Kashmir	Solar Park in J&K	200
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 Solar Park	500
19	Madhya Pradesh	Shajapur Solar Park	550
20	Madhya Pradesh	Morena (Chambal) Solar Park	250
	<b>Sub-total</b>		<b>2750</b>
21	Maharashtra	Sai Guru Solar Park	500
22	Maharashtra	Patoda Solar Park	500
23	Maharashtra	Dondaicha Solar Park	500
24	Maharashtra	Latur Solar Park	60
25	Maharashtra	Washim solar park	170
26	Maharashtra	Yavatmal Solar Park	75
27	Maharashtra	Kachlera Solar Park	145

Sl. No.	State	Solar Parks approved Set up/in progress	Capacity (MW)
	<b>Sub-total</b>		<b>1950</b>
28	Manipur	Bukpi Solar Park	20
29	Meghalaya	Solar park in Meghalaya	20
30	Mizoram	Vankal Solar Park	20
31	Nagaland	Solar Park in Nagaland	23
32	Odisha	Solar Park in Odisha	1000
33	Odisha	Solar Park by NHPC	100
	<b>Sub-total</b>		<b>1100</b>
34	Rajasthan	Bhadla-II Solar Park	680
35	Rajasthan	Bhadla-III Solar Park	1000
36	Rajasthan	Bhadla-IV Solar Park	500
37	Rajasthan	Phalodi-Pokaran Solar Park	750
38	Rajasthan	Fatehgarh Phase-1B Solar Park	421
39	Rajasthan	Nokh Solar Park	980
	<b>Sub-total</b>		<b>4331</b>
40	Tamil Nadu	Solar Park in Tamil Nadu	500
41	Tamil Nadu	Kadaladi Solar Park	500
	<b>Sub-total</b>		<b>1000</b>
42	Uttar Pradesh	Solar Park in UP	440
43	Uttar Pradesh	UP Kanpur Dehat Solar Park	50
44	Uttar Pradesh	UP Jalaun Solar Park	50
45	Uttar Pradesh	UP Kanpur Nagar Solar Park	30
	<b>Sub-total</b>		<b>570</b>
46	Uttarakhand	Solar park in Uttarakhand	50
47	West Bengal	Solar park in West Bengal	500
<b>Total</b>			<b>26694</b>

## ANNEXURE-IV

ANNEXURE-IV REFERRED TO IN REPLY TO PART (e) OF LOK SABHA UNSTARRED QUESTION NO. 479 FOR 13.12.2018  
THE PERCENTAGE OF CLEAN ENERGY GENERATED BY SOLAR PARKS ACROSS THE COUNTRY, STATE/UT-WISE

(As on 31.10.18)

S.No.	Name of the Solar Park	Solar energy generated in solar park (MU)	Total clean energy generation in State in corresponding period (MU)	% of Solar energy generated from Solar Park out of the total clean energy generated in the State
1	Ananthapuramu Ultra Mega Solar Park, Andhra Pradesh (1500 MW) (From May- 2016)	1284.66	25637.38	5.01%
2	Kurnool Ultra Mega Solar Park, Andhra Pradesh (1000 MW) (From March- 2017)	3366.22	24437.55	13.77%
3.	Kasaragod Solar park, Kerala (200 MW) (From Dec- 2016)	104.55	1828.10	5.72%
4.	Rewa Ultra Mega Solar Par, Madhya Pradesh (750 MW) (From Sept-2018)	78.97	3947.50	2.00%
5.	Mandsaur-Neemuch Solar Park, Madhya Pradesh (700 MW) (From April- 2017)	496.88	9519.92	5.22%
6.	Pavagada solar park, Karnataka (2000 MW) (From Dec-2017)	1144.237	18030.01	6.35%
7.	Bhadla Phase-II Solar Park, Rajasthan (680 MW) (From March-2017)	1822.00	16011.21	11.38%
8.	Bhadla Phase-III Solar Park, Rajasthan (1000 MW) (From Sept-2018)	183.00	5368.99	3.41%
9.	Bhadla Phase-IV Solar Park, Rajasthan (500 MW) (From Sept-2018)	56	5166.46	1.08%
10.	UP Solar Park, Uttar Pradesh (440 MW) (From Feb-2018)	182.98	6138.54	2.98%
	<b>TOTAL</b>	<b>8719.50</b>	<b>116085.66</b>	<b>7.51%</b>