

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-2165
TO BE ANSWERED ON-08.03.2018
ONGOING MEGA SOLAR POWER PROJECTS

2165. SHRI M. CHANDRAKASI:

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

- (a) the details of ongoing mega solar power projects of above 50 MW in the country, State/UT-wise;
- (b) whether it is a fact that many States are cancelling their Power Purchase Agreements (PPAs) made with the promoters of mega solar power projects for various reasons including delay, declining cost of solar power, etc. and if so, the details thereof; and
- (c) the action taken to hedge solar power industry from losses due to crash in cost price of solar power and thereby fulfilling the mission of the Government to increase the capacity of solar power in the country?

ANSWER

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

- (a) State/UT-wise details of solar parks, with their project capacities, sanctioned under the scheme for development of Solar Parks and Ultra Mega Solar Power Projects are given in Annexure I and list of ongoing projects, at present, is given at Annexure II.
- (b) This Ministry has not received any report about cancellation of signed Power Purchase Agreement by the States except from the states of Madhya Pradesh (M.P.) and Uttar Pradesh (U.P.). The Government of M.P. has reported that Madhya Pradesh Power Management Company Ltd (MPPMCL), terminated the PPA with Sky Power South East Asia Holdings Ltd. and ReNew Solar Power Pvt. Ltd., for two units of 50 MW and one unit of 51 MW respectively, since they failed to procure land within the period stipulated in the PPA, which was prescribed as a conditions Subsequent. The Government of U.P. has reported about giving notice to preliminary procurer, M/s Adani Green Urja for not commissioning allocated plant of 50 MW in time. However, the State Electricity Regulatory Commission has provided five months of extension to complete the project.
- (c) Once the Power Purchase Agreement (PPA) is signed at a particular price structure, it continues to remain same for entire contract period. The solar power developers bid on the basis of viability of projects and their own financial strengths and while bidding, they take into account the inputs costs. The reduction in prices of solar power is a welcome thing. This has made solar power more acceptable to the Distribution Companies (DISCOMs).

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

Sl. No.	State	Name of the Solar Park	Capacity (MW)
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	80
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	1000
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
TOTAL			21,194

ANNEXURE-II

ANNEXURE-II REFERRED TO IN REPLY TO PART (a) OF LOK SABHA
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ON-GOING SOLAR POWER PROJECTS

Scheme- NTPC Bundling			
S.No.	State	Name of Developers	Capacity (in MW)
1	Andhra Pradesh	Kadapa Solar Park	250
Scheme- SECI VGF 2000 MW			
S.No.	State	Name of Developers	Capacity (in MW)
1	Maharashtra	Welspun Renewables	100
2		Adani Green Energy	20
3	Uttar Pradesh	Solairedirect Energy	75
4		RattanIndia Solar	50
5		Azure Power	40
6		Essel Green Energy	160
7	Andhra Pradesh	FRV Solar Holdings XI BV	100
8		Acme Solar	150
9		Tata Power	100
10		Azure Power	50
11	Karnataka	Hero Solar	120
12		Patil Construction	40
13		Solitaire Powertech	30
14		Energion Soleq	100
15		Acme Solar	20
16		Talettutayi Solar	30
17		Parampujya Solar	300
18	Chhattishgarh	Parampujya Solar	100
Total			1585
Scheme- SECI VGF 5000 MW			
S.No.	State	Name of Developers	Capacity (in MW)
1	Odisha	Jyoti Infa	10
2		IBC Solar	20
3		Essel Green Energy	240
4	Maharashtra	Vijay Printing	10
5		Solar Edge	130
6		Lightsource Renewable	50
7		Neel Metal	100
8		Sukhbir Agro	20
9		Canandian Solar	80

10		Essel Green Energy	60
11	Rajasthan	ACME Solar Holdings Private Limited	100
12		ACME Solar Holdings Private Limited	100
13		SBG CLEANTECH ONE LIMITED	100
14		SBG CLEANTECH ONE LIMITED	100
15		SBG CLEANTECH ONE LIMITED	100
16		SBG CLEANTECH THREE LIMITED	50
17		SBG CLEANTECH THREE LIMITED	50
18		Avaada Power Private Limited	50
19		Avaada Power Private Limited	50
20		Phelan Energy Group Ltd	50
Total			1470

Other CPSUs/CB/CT/Defence

S.No.	State	Name of Developers/Scheme	Capacity (in MW)
1	Kerala	IREDA	14
2	Andhra Pradesh	Vizag Port	10
3	Odisha	Paradip Port	10
4	Tamil Nadu	Kamrajar Port (240kW)	1
5	West Bengal	Kolkata Port	2
6	Madhya Pradesh	BEL- OFB(Itarsi)	10
7	Odisha	BEL -OFB(Bolangir)	7.5
8	Tamil Nadu	NLC-	500
9	Sambha, Rajasthan	Sambhar Salts Ltd(CPSU scheme)	1
10	Maharashtra	HAL(Defence scheme)	15
11	Avadi, TN	BEL(Defence scheme)	16
12	Madhya Pradesh	BEL(Defence scheme)	10
13	Madhya Pradesh	BEL(Defence scheme)	10
14	Telangana	MIDHANI(Defence scheme)	4
15	Many States	Canal Bank/Top	74
Total			684.5

Scheme- State Scheme

S.No.	State	Name of Developers	Capacity (in MW)
1	Punjab	State Projects at Many Location	100
2	Madhya Pradesh	Rewa Solar Park	750
3		State Projects at Many Location	159
4	Uttar Pradesh	State Projects at Many Location	80
5	Andhra Pradesh	Anantapuramu -II Solar Park	400
Total			1489

Grand Total

5478.5 MW