

1	2	3
Power plants with 6 hours battery bank	₹ 100/Wp:	₹ 30/Wp
Solar Lamp	₹ 250/Wp:	₹ 212.50/Wp

Presently, under Ministry of New and Renewable Energy's Scheme Guidelines, there is no provision for subsidy for insurance of solar energy products.

(c) As per the Reserve Bank of India's circular no. RBI/2017-18/175DCBR. BPD(PCB).Cir.No 07/09.09.002 /2017-18 dated 10.05.2018, the priority sector lending for renewable energy includes bank loans up to a limit of ₹ 15 crore to borrowers for purposes like solar based power generators, biomass based power generators, wind mills, micro-hydel plants and for non-conventional energy based public utilities viz. street lighting systems, and remote village electrification, under priority sector lending. For individual households, the loan limit is ₹ 10 lakh per borrower.

Tenders for solar energy

2216. SHRI KAPIL SIBAL: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) date-wise details of the tenders floated by Government for solar energy since 2014 till date along with the responses received;

(b) whether Government has not been able to fetch response to solar tenders, if so, the reasons therefor;

(c) whether Government has redrafted the solar tenders, if so, the details thereof, if not, the reasons therefor; and

(d) whether it is a fact that Government had promised to expedite solar energy in India, if not, the reasons therefor?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI RAJ KUMAR SINGH): (a) Date-wise details of tenders issued by Solar Energy Corporation of India Ltd. (SECI) and National Thermal Power Corporation (NTPC) alongwith the capacity of bids received are given in Statement (*See* below).

(b) No Sir. The response of the tenders for setting up of solar power projects has been encouraging. So far, SECI has issued bids for setting up of 23,540 MW capacity from Solar energy, and 1200 MW capacity from solar-wind hybrid projects. The participation of companies was lower in some recent tenders of new technologies issued by SECI viz. floating solar, solar projects linked with manufacturing facilities

and wind-solar hybrid projects, due to their newness and further due to prevailing market conditions such as rupee depreciation, increase in cost of borrowing, increase in input costs, order book positions of prospective developers etc.

(c) The Government have held various rounds of consultations with project developers, financing institutions etc. and the feedback received has been suitably incorporated into the tender documents to the possible extent.

(d) Yes Sir. The Government had, in 2015, set a target for installation of grid connected solar energy capacity of 100 GW in the country by 2022 in order to expedite deployment of solar energy in India.

Statement

Details of tenders issued by Solar Energy Corporation of India Ltd. (SECI) and (NTPC) alongwith the capacity of bids received

(I) DETAILS OF TENDERS BY SECI LTD.

1. 750 MW VGF scheme (NSM PH-II, Batch-I)

Sl. No.	States	Tender capacity (MW)	Date of Issue of RfS	Capacity of bids received (MW)
1	Pan-India (A)	750	28.10.2013	2170

2. 2000 MW VGF scheme (NSM PH-II, Batch-III)

Sl. No.	States	Tender capacity (MW)	Date of Issue of RfS	Capacity of bids received (MW)
1.	Maharashtra	450	27.08.2015	1350
2.	Maharashtra (Re-bidding)	50	25.02.2016	90
3.	UP Solar Park	440	25.09.2015	565
4.	UP Solar Park (Re-bidding)	315	19.04.2016	155
5.	Andhra Pradesh (Ananthapuramu Solar Park)	400	02.01.2016	600
6.	Chhattisgarh	100	17.03.2016	160
7.	Karnataka	1000	15.02.2016	1230
8.	UP Non Solar Park	160	29.04.2016	260
	SUB-TOTAL (B)	2915		4410

3. Tenders issued under 5000 MW VGF Scheme

Sl. No.	States	Tender capacity (MW)	Date of Issue of RfS	Capacity of bids received (MW)
1.	Gujarat Solar Park	160	22.04.2016	725
		65	22.04.2016	
		25	22.04.2016	
2.	Odisha	300	11.05.2016	340
3.	Maharashtra	450	14.06.2016	1460
4.	Rajasthan Bhadla Phase-III (Saurya Urja)	500	08.11.2016	5500
5.	Rajasthan Bhadla Phase-IV (Adani)	250	08.11.2016	3250
6.	Rajasthan Bhadla Phase-III (Saurya Urja)	500	21.06.2017	4200
7.	Rajasthan Bhadla Phase-IV (Adani)	250	21.06.2017	2150
8.	UP Solar Park	275	04.01.2018	525
9.	Kadapa Solar Park, A.P	750	05.01.2018	1750
10.	Pavagada Solar Park, Karnataka	200	05.01.2018	400
SUB-TOTAL (C)		3725		20300

4. Solar Tenders under Standard Bidding Guidelines

Sl. No.	States	Tender capacity (MW)	Date of Issue of RfS	Capacity of bids received (MW)
1.	ISTS -I	2000	30.01.2018	3800
2.	ISTS -II	3000	27.02.2018	5100
3.	Rajasthan (non-solar park)	750	03.08.2018	Under progress
4.	Dondaicha Solar Park Maharashtra	250	17.08.2018	Under progress
SUB-TOTAL (D)		6000		8900

5. Other tenders

Sl. No.	States	Tender capacity (MW)	Date of Issue of RfS	Capacity of bids received (MW)
1	Floating Solar-Rihand (Uttar Pradesh)	150	17.04.2018	200
2	Manufacturing linked solar	10000	25.05.2018	2000
SUB-TOTAL (E)		10150		2200
TOTAL (A+B+C+D+E)		23540		37980

(II) details of tenders by NTPC for solar energy since 2014

Sl. No.	Project	Capacity in MW	Date of NIT	No. of Bids received	Status
1	2	3	4	5	6
A. Under National Solar Mission					
1.	Kurnool Ultra Mega Solar Park Andhra Pradesh	500	29.04.2015	31	Commissioned
2.	Kurnool Ultra Mega Solar Park Andhra Pradesh	500	21.05.2015	12	
3.	Bhadla Solar Park Phase-II Rajasthan	420	21.05.2015	24	
4.	Non Solar Park in Rajasthan	100	03.07.2015	11	
5.	Non Solar Park in Rajasthan	130	03.07.2015	28	
6.	Non Solar Park in Uttar Pradesh	100	12.08.2015	10	
7.	Pavagada Solar Park Karnataka	100	16.06.2016	5	
8.	Pavagada Solar Park Karnataka	500	01.09.2015	15	
9.	Non Solar Park in Telangana	50	09.10.2015	5	
10.	Non Solar Park in Telangana	350	09.10.2015	13	
11.	Kadapa Ultra Mega Solar Park in Andhra Pradesh	250	27.10.2016	13	Under Construction
TOTAL		3,000			
B. Under EPC MODE (NTPC Owned)					
1.	Anantpur, Andhra Pradesh	250	26.09.2014	8	Commissioned
2.	Bhadla, Rajasthan	260	24.05.2015	12	
3.	Mandsaur, Madhya Pradesh	250	24.05.2015	11	
4.	Mangalutan, Andaman and Nicobar Islands	17	10.03.2018	8	Yet to be awarded
5.	Chidiya Tapu, Andaman and Nicobar Islands	8	10.03.2018	9	
6.	Bilhaur, Uttar Pradesh	140	14.09.2018	6	
7.	Auraiya, Uttar Pradesh	20	28.05.2018	6	
8.	Anta, Rajasthan	90	24.08.2018	3	
9.	Gandhar, Gujarat	20	08.06.2018	7	
10.	Kayamkulam Floating, Kerala	22	25.06.2018	11	
11.	Kayamkulam Floating, Kerala	70	15.10.2018	—	Bids yet to be opened

1	2	3	4	5	6
12.	Kudgi Hybrid, Karnataka	174	10.10.2018	—	
13.	Ramagundam, Telangana	15	15.06.2018	—	
14.	Ramagundam Floating, Telangana	100	19.12.2018	—	
15.	Simhadri Floating, Andhra Pradesh	25	18.12.2018	—	
16.	Auraiya Floating, Uttar Pradesh	20	17.12.2018		
TOTAL		1,481			
C. Under Developer Mode					
1.	2000 MW	2000	09.03.2018	16	Awarded
2.	Ananatpur	750	09.03.2018	12	Under Construction
3.	Solar projects near switchyards NTPC stations in WR	1200	10.11.2018	—	Bids yet to be opened
TOTAL		3,950			
GRAND TOTAL		8,431			

Share of solar power in power basket

2217. SHRI HARNATH SINGH YADAV: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the contribution of solar energy to the total installed capacity of power in the country;

(b) the rate of growth of solar energy over the last three years; and

(c) the measures being taken by Government to accelerate deployment of solar energy?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI RAJ KUMAR SINGH): (a) A grid connected capacity of 24,567.39 MW of solar energy has been installed out of total installed renewable energy capacity of 73,969.70 MW in the country as on 30.11.2018.

(b) The Compounded Annual Growth Rate of solar energy has been 78.9% over the last three years. The details of grid connected solar energy capacity installed are as under:—

Year	Cumulative Capacity installed (in MW) at the end of year
2015-16	6,763
2016-17	12,289
2017-18	21,652