

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**STARRED QUESTION NO-553**  
TO BE ANSWERED ON-05.04.2018

**PRODUCTION OF SOLAR ENERGY**

553. SHRI CHANDRAKANT KHAIRE

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

- (a) the quantum of solar energy being produced in the country at present along with its per unit cost, State-wise;
- (b) the details of the quantum of solar energy targeted to be produced by the end of the year 2018-19; and
- (c) the efforts made by the Government to provide easy credit for the production of solar energy?

**ANSWER**

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

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

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## STATEMENT

### STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED QUESTION NO. 553 (13<sup>TH</sup> POSITION) FOR 05.04.2018 REGARDING PRODUCTION OF SOLAR ENERGY

(a): A total of 19.6 GW (19585 MW) grid connected solar power capacity has been installed in Country upto 28.02.2018. State-wise details are given in Annexure-I. The tariff of electricity is determined through transparent bidding process and those arrived at so far in the previous years are given in Annexure-II.

(b): A capacity of 19.6 GW has been installed upto 28.02.2018. Another 16 GW capacity has been targeted for 2018-19.

(c): As per the guidelines of Reserve Bank of India, Banks provide loans up to a limit of Rs. 15 crore to borrowers for the purposes of all renewable energy projects including solar energy under Priority sector. The loan limit for individual households is upto Rs. 10 lakh per borrower. A Non-banking Financial Institution namely Indian Renewable Energy Development Agency (IREDA) under the aegis of Ministry of New and Renewable Energy provides loan for Renewable Energy projects including solar energy projects. This apart, Foreign Direct Investment up to 100 per cent is permissible through automatic route for promotion of solar power generation in the country.

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**ANNEXURE-I REFERRED TO IN REPLY TO PART (A) OF LOK SABHA STARRED  
QUESTION NO. 553 FOR 05.04.2018**

**STATE-WISE DETAILS OF SOLAR POWER CAPACITY**

**As on 28-02-18**

<b>Sr. No.</b>	<b>State/UT</b>	<b>Total cumulative capacity ( In MW)</b>
1	Andaman & Nicobar	13.07
2	Andhra Pradesh	2170.32
3	Arunachal Pradesh	4.39
4	Assam	12.45
5	Bihar	142.45
6	Chandigarh	25.20
7	Chhattisgarh	185.03
8	Dadar & Nagar	5.46
9	Daman & Diu	10.61
10	Delhi	69.52
11	Goa	0.91
12	Gujarat	1587.00
13	Haryana	215.85
14	Himachal Pradesh	2.23
15	Jammu & Kashmir	6.86
16	Jharkhand	25.67
17	Karnataka	3657.52
18	Kerala	107.93
19	Lakshadweep	0.75
20	Madhya Pradesh	1247.41
21	Maharashtra	772.33
22	Manipur	1.33
23	Meghalaya	0.06
24	Mizoram	0.20
25	Nagaland	0.50
26	Odisha	79.57
27	Pondicherry	0.18
28	Punjab	913.16
29	Rajasthan	2317.11
30	Sikkim	0.01
31	Tamil Nadu	1822.57
32	Telangana	3282.67
33	Tripura	5.09
34	Uttar Pradesh	551.15
35	Uttarakhand	294.08
36	West Bengal	53.52
<b>TOTAL</b>		<b>19584.15</b>

## ANNEXURE-II

**ANNEXURE-II REFERRED TO IN REPLY TO PART (A) OF LOK SABHA STARRED  
QUESTION NO. 553 FOR 05.04.2018  
National Solar Tariff through bid results**

Sl. No		Year	Capacity on Offer (MW)	Weighted Avg. Price (Rs./KWh)
1	NSM Batch 1	Dec'10	150	12.16
2	NSM Batch2	Dec'11	350	8.79
3	Orissa Phase 1	Mar'12	25	8.36
4	Orissa Phase 2	Dec'12	25	8.73
5	Karnataka	Apr'12	60	8.34
6	Madhya Pradesh	Jun'12	125	8.05
7	Tamil Nadu	Mar'13	150	6.48
8	Rajasthan	Mar'13	75	6.45 (L1)
9	Andhra Pradesh	Apr'13	226	6.49 (L1)
10	Punjab Phase 1	June'13	270	8.41
11	Uttar Pradesh Phase 1	Aug'13	130	8.9
12	Karnataka Phase 2	Aug'13	130	6.87
13	Madhya Pradesh Phase 2	Jan'14	100	6.86
14	Andhra Pradesh Phase 2	Oct'14	500	5.75 (6.75 Level.)
15	Karnataka	Nov'14	500	6.94
16	Telangana	Nov'14	500	6.72
17	Punjab (Capacity 5-24 MW)	Feb'15	100	7.17
18	Punjab (Capacity 25-100 MW)	Feb'15	100	7.16
19	NTPC Anantapur(CPSU scheme)	May'15	250	6.16 (L1)
20	Uttar Pradesh Phase 2	June'15	215	8.04
21	Madhya Pradesh	June'15	300	5.36
22	Telangana Group 1	August'15	500	5.73
23	Telangana Group 2	August'15	1500	5.62
24	Punjab	Sept'15	500	5.65
25	Uttarakhand	Oct' 2015	170	5.766
26	AP-500 MW Bundling scheme	Nov'2015	500	4.63
27	AP-350 MW Bundling scheme	Dec'2015	350	4.63
28	AP-150 MW Bundling scheme(DCR)	Dec'2015	150	5.123
29	Haryana(State scheme)	Dec'2015	150	5.00
30	Rajasthan-420 MW Bundling	Jan'2016	420	4.351
31	UP-100 MW Bundling	Jan'2016	100	4.78
32	Rajasthan-100 MW Bundling(DCR)	March'16	100	5.068
33	Telangan-50 MW Bundling(DCR)	March'16	50	5.19
34	Jharkhand-200	March'16	102	5.464
35	Jharkhand-1000	March'16	999	5.356
36	Telangan-350 MW Bundling	May'16	350	4.667
37	Karnataka-500 MW Bundling	May'16	500	4.79
38	KA-100 MW bundling(DCR)	Sept-16	100	4.85
39	MP-750 MW(State scheme)	Feb-17	750	2.9743 (3.30 Level tariff)
40	AP-250 MW(Bundling)	April-17	250	3.15
41	Rajahthan-250 MW(VGF) Bhadla-IV	May-17	250	2.624
42	Rajahthan-500 MW(VGF) Bhadla-III	May-17	500	2.446
43	Tamil Nadu-1500 MW(State scheme)	July-17	1500	3.47
44	Gujarat-500 MW	Aug-17	500	2.665
45	NTPC-250 MW(DCR)	Oct-17	250	3.14
46	Rajahthan-500 MW(VGF) Bhadla-III	Dec-17	500	2.474
47	Rajahthan-250 MW(VGF) Bhadla-IV	Dec-17	250	2.482