

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 3142
ANSWERED ON 04.08.2022

GENERATION OF SOLAR ENERGY IN JHARKHAND

+3142. SHRI SUNIL KUMAR SINGH

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

- (a) the quantum of solar energy generated in the country during the last three years and the current year, State-wise including Jharkhand;
- (b) the current solar energy generation capacity in Jharkhand, district-wise;
- (c) the targets fixed to increase the solar energy generation capacity in Jharkhand by the year 2023;
- (d) the total percentage/share of Jharkhand in the overall solar energy generation capacity of the country;
- (e) the total number of large solar projects started in the country along with the names of places wherein they are being implemented, State-wise;
- (f) the quantum of funds spent over the said projects; and
- (g) the total amount paid as subsidy and incentive for the usage of solar energy?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER
(SHRI R.K. SINGH)

- (a) The State-wise details of solar power generated during the last three years and the current year in the country, including Jharkhand, are at **Annexure-I**.
- (b) A solar power capacity of 88.58 MW has been installed in Jharkhand. The district-wise details are at **Annexure-II**.
- (c) No such target has been fixed.
- (d) A solar capacity of 88.58 MW has been installed in Jharkhand while a total capacity of 57,705.51 MW has been installed in the country. Thus, the percentage share of Jharkhand is 0.15.
- (e) As on 30-06-2022, a cumulative solar capacity of 57,705.51 MW has been installed in the country. State/UT wise details in this regard are at **Annexure-III**.
- (f)&(g) Most of the solar power projects are installed by private sector developers and as per the normative cost of Rs. 4.5 Crore per MW, an expenditure of approximately Rs. 2.60 lakh crore has been incurred on solar installations of capacity 57.71 GW. The details of the CFA released during the last three years and the current year under various solar scheme are as under:

Year	CFA released (Rs. Crore)
2019-20	1591.15
2020-21	1854.28
2021-22	2633.92
2022-23 (As on 30.6.2022)	94.29

**ANNEXURE-I REFERRED TO IN REPLY TO PART (a) OF LOK SABHA
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**STATE WISE DETAILS OF SOLAR POWER GENERATED DURING THE LAST
THREE YEARS AND THE CURRENT YEAR**

Name of STATES/UTs	Solar energy Generation (in MUs)			
	2019-20	2020-21	2021-22	2022-23 (upto May-2022)
Chandigarh	13.33	10.16	14.19	3.04
Delhi	136.30	189.99	225.84	42.68
Haryana	125.14	162.95	572.85	126.08
HP	11.66	36.52	44.29	11.66
J & K	0.00	9.42	1.71	0.00
Ladakh	0.00	0.00	0.00	0.00
Punjab	1358.22	1356.48	1473.41	353.64
Rajasthan	7776.56	10384.24	17219.88	5509.88
Uttar Pradesh	1447.05	1856.19	2900.41	663.99
Uttarakhand	341.51	329.64	301.60	55.30
Northern Region	11209.77	14335.59	22754.17	6766.28
Chhattisgarh	326.42	370.80	436.56	89.60
Gujarat	3631.86	4633.81	6774.50	1767.58
Madhya Pradesh	3496.23	4202.03	4006.70	841.85
Maharashtra	2372.68	3089.46	3187.18	665.26
Dadra and Nagar Haveli	6.19	11.96	49.16	6.72
Daman & Diu	21.83	29.52	35.35	4.87
Goa	0.82	1.46	15.93	0.84
Western Region	9856.02	12339.03	14505.37	3376.72
Andhra Pradesh	5855.11	6956.10	7832.51	1459.91
Telangana	6263.92	6351.04	6536.94	1229.99
Karnataka	11221.20	13238.86	13169.43	2551.03
Kerala	143.59	275.44	496.93	103.63
Tamil Nadu	4946.63	6115.48	7172.88	1431.92
Lakshadweep	0.66	0.45	0.30	0.03
Puducherry	4.14	6.39	12.24	2.04
Southern Region	28435.25	32943.75	35221.23	6778.54
Andaman Nicobar	11.60	24.82	21.51	5.38
Bihar	160.16	160.63	163.08	32.28
Jharkhand	17.47	17.16	18.21	3.73
Odisha	362.29	476.26	603.71	129.01
Sikkim	0.00	0.00	0.00	0.00
West Bengal	64.29	73.92	98.24	21.96
Eastern Region	615.81	752.78	904.75	192.35

Arunachal Pradesh	1.60	1.54	1.72	8.38
Assam	6.14	13.37	81.64	26.09
Manipur	2.63	7.71	6.72	1.35
Meghalaya	0.00	0.00	0.47	0.00
Mizoram	0.44	2.45	1.68	0.66
Nagaland	0.00	0.00	0.00	0.00
Tripura	3.43	6.04	6.18	1.12
North Eastern Region	14.24	31.11	98.41	37.60
All India Total	50131.09	60402.26	73483.94	17151.49

**ANNEXURE-II REFERRED TO IN REPLY TO PART (b) OF LOK SABHA
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DISTRICT –WISE SOLAR CAPACITY INSTALLED IN JHARKHAND

(As on 30.6.2022)

Sr. No.	DISTRICT	CAPACITY (in MW)
1	Bokaro	1.94
2	Chatra	1.52
3	Deoghar	14.99
4	Dhanbad	1.63
5	Dumka	1.77
6	East Singhbhum	4.48
7	Garhwa	1.20
8	Giridih	1.74
9	Godda	1.03
10	Gumla	1.19
11	Hazaribagh	2.11
12	Jamtara	0.87
13	Khunti	0.79
14	Koderma	0.73
15	Latehar	0.81
16	Lohardaga	0.52
17	Pakur	0.71
18	Palamu	1.67
19	Ramgarh	0.94
20	Ranchi	6.29
21	Sahibganj	1.27
22	Saraikela Kharsawan	2.94
23	Simdega	1.12
24	West Singhbhum	1.79
25	Off Grid application in various districts	34.53
	Total	88.58

**ANNEXURE-III REFERRED TO IN REPLY TO PART (e) OF LOK SABHA
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STATE/UT WISE SOLAR CAPACITY INSTALLED IN THE COUNTRY

(As on 30.6.2022)

Sr. No.	State/UT	Capacity Installed (in MW)
1	Andaman & Nicobar	29.91
2	Andhra Pradesh	4390.48
3	Arunachal Pradesh	11.23
4	Assam	142.94
5	Bihar	190.69
6	Chandigarh	56.85
7	Chhattisgarh	529.32
8	Dadra & Nagar Haveli	5.46
9	Daman & Diu	41.01
10	Delhi	211.12
11	Goa	21.54
12	Gujarat	7806.80
13	Haryana	943.61
14	Himachal Pradesh	80.56
15	Jammu & Kashmir	47.90
16	Jharkhand	88.58
17	Karnataka	7597.92
18	Kerala	539.60
19	Ladakh	7.80
20	Lakshadweep	3.27
21	Madhya Pradesh	2746.27
22	Maharashtra	2753.30
23	Manipur	12.26
24	Meghalaya	4.16
25	Mizoram	8.01
26	Nagaland	3.04
27	Odisha	452.13
28	Puducherry	35.53
29	Punjab	1117.99
30	Rajasthan	14454.70
31	Sikkim	4.69
32	Tamil Nadu	5690.79
33	Telangana	4621.07
34	Tripura	15.87
35	Uttar Pradesh	2244.56
36	Uttarakhand	573.54
37	West Bengal	176.00
38	Other including NABARD	45.01
Total		57705.51

