

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 3544**  
ANSWERED ON 24.03.2022

**SOLAR ENERGY PRODUCTION CAPACITY**

3544. SHRI MOHANBHAI KALYANJI KUNDARIYA  
SHRI RAJESHBHAI CHUDASAMA  
DR. (PROF.) KIRIT PREMJBHAI SOLANKI

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

- (a) the total amount of power generated through solar energy in the country during the last three years and the current year, State-wise including Gujarat;
- (b) the present solar energy production capacity of Gujarat;
- (c) the target for addition of solar energy production capacity for Gujarat by 2022 and 2023;
- (d) the percentage of power that would be contributed by solar energy in Gujarat in the year 2023;
- (e) the total number of large scale solar projects undertaken by the Government specific to Gujarat along with the total expenditure incurred thereon; and
- (f) the total amount of subsidies and incentives provided for using solar energy in Gujarat?

**ANSWER**

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

- (a) The State-wise details of power generated through solar energy in the country including Gujarat during the last three years and the current year are given at **Annexure**.
- (b) As on 28.02.2022, solar energy generation capacity of 6336.53 MW has been installed in Gujarat.
- (c) No such target has been fixed.
- (d) The total power installed capacity in Gujarat is 41235.62 MW. The present solar power installed capacity in Gujarat is 6336.53 MW which is 15.37% of total power installed capacity.
- (e)&(f) Under the Scheme for “Development of Solar Parks and Ultra Mega Solar Power Projects”, 6 nos. of Solar Parks with an aggregate capacity of 11575 MW have been sanctioned to Gujarat. As on 28-02-2022, the total amount of CFA disbursed to Gujarat under the Scheme is Rs. 8911.35 Lakhs. The Government of Gujarat has reported that the total amount of subsidies and incentives provided for using solar energy in Gujarat State is Rs. 2208.05 Cr. (approx.)

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**State-wise details of power generated through solar energy in the country including Gujarat during last three years and current year**

(All Figures in MU)

Name of State/UT	2018-19	2019-20	2020-21	2021-22(Up to January 22)
Chandigarh	13.51	13.33	10.16	12.21
Delhi	10.83	136.30	189.99	185.76
Haryana	72.47	125.14	162.95	446.94
HP	0.00	11.66	36.52	37.09
J & K	0.00	0.00	9.42	1.71
Ladkh	0.00	0.00	0.00	0.00
Punjab	1492.90	1358.22	1356.48	1222.03
Rajasthan	5109.35	7776.56	10384.24	12736.28
Uttar Pradesh	1235.08	1447.05	1856.19	2274.16
Uttarakhand	318.29	341.51	329.64	246.30
<b>Northern Region</b>	<b>8252.45</b>	<b>11209.77</b>	<b>14335.59</b>	<b>17162.48</b>
Chhattisgarh	335.15	326.42	370.80	343.54
Gujarat	2410.32	3631.86	4633.81	5345.47
Madhya Pradesh	2982.29	3496.23	4202.03	3177.39
Maharashtra	2206.62	2372.68	3089.46	2583.63
Dadra and Nagar Haveli	5.76	6.19	11.96	38.45
Daman & Diu	18.94	21.83	29.52	29.30
Goa	0.00	0.82	1.46	11.80
<b>Western Region</b>	<b>7959.08</b>	<b>9856.02</b>	<b>12339.03</b>	<b>11529.58</b>
Andhra Pradesh	4965.96	5855.11	6956.10	6335.67
Telangana	6312.26	6263.92	6351.04	5248.60
Karnataka	7575.83	11221.20	13238.86	10613.14
Kerala	110.84	143.59	275.44	392.66
Tamil Nadu	3554.50	4946.63	6115.48	5785.38
Lakshadweep	1.11	0.66	0.45	0.28
Puducherry	2.58	4.14	6.39	10.20
<b>Southern Region</b>	<b>22523.09</b>	<b>28435.25</b>	<b>32943.75</b>	<b>28385.93</b>
Andaman Nicobar	13.86	11.60	24.82	17.50
Bihar	179.89	160.16	160.63	130.20
Jharkhand	19.15	17.47	17.16	14.50
Orissa	263.03	362.29	476.26	476.83
Sikkim	0.00	0.00	0.00	0.00
West Bengal	40.65	64.29	73.92	77.92
<b>Eastern Region</b>	<b>516.57</b>	<b>615.81</b>	<b>752.78</b>	<b>716.94</b>
Arunachal Pradesh	1.20	1.60	1.54	1.39
Assam	6.67	6.14	13.37	60.73
Manipur	1.88	2.63	7.71	5.45

Meghalaya	0.00	0.00	0.00	0.47
Mizoram	0.12	0.44	2.45	1.51
Nagaland	0.00	0.00	0.00	0.00
Tripura	7.14	3.43	6.04	5.04
<b>North Eastern Region</b>	<b>17.00</b>	<b>14.24</b>	<b>31.11</b>	<b>74.59</b>
<b>All India Total</b>	<b>39268.19</b>	<b>50131.09</b>	<b>60402.26</b>	<b>57869.53</b>

Source: Data from Central Electricity Authority