

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
STARRED QUESTION NO. 165
ANSWERED ON 28.07.2022

GENERATION OF POWER THROUGH SOLAR ENERGY

*165. DR. (PROF.) KIRIT PREMJI BHAI SOLANKI

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

- (a) the quantum of power generated through solar energy in the country during the last five years;
- (b) the total number of large scale solar projects undertaken by the Government especially in Gujarat;
- (c) the amount of expenditure incurred thereon; and
- (d) the total amount of subsidies and incentives provided to the entrepreneurs related to this sector, farmers and common people for using solar energy, State-wise?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

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

STATEMENT

STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED QUESTION NO. 165 FOR 28.07.2022 REGARDING GENERATION OF POWER THROUGH SOLAR ENERGY

(a) Central Electricity Authority has reported that the power generated through solar energy in the country during the last five years has been as under:

Year	Electricity from Solar energy (in MU)
2017-18	25871.07
2018-19	39268.19
2019-20	50131.09
2020-21	60402.26
2021-22	73483.94

(b) As on 30.6.2022, solar power projects of 57.71 GW have been installed in the country, 48.7 GW are under installation and 16.7 GW are under bidding, totaling 123.1 GW. Total installed solar capacity in Gujarat is 7.81 GW and 6.1GW is under installation.

(c) 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.

(d) State-wise details of funds released under various solar schemes of Ministry of New and Renewable Energy (MNRE) during the last three years are given at **Annexure**.

ANNEXURE REFERRED TO IN REPLY TO PART (d) OF LOK SABHA STARRED QUESTION NO. 165 FOR 28.07.2022

STATE-WISE DETAILS OF FUNDS RELEASED UNDER VARIOUS SOLAR SCHEMES OF MNRE DURING LAST THREE YEARS

(Rs. in Crore)

S.No.	State	2019-20	2020-21	2021-22
1	Andhra Pradesh	194.04	51.49	10.48
2	Arunachal Pradesh	17.01	19.76	10.54
3	Andaman & Nicobar	6.77	0.35	37.97
4	Assam	33.07	0.00	9.19
5	Bihar	1.38	2.93	0.00
6	Chandigarh	5.13	0.85	0.00
7	Chhattisgarh	13.45	0.00	7.10
8	Delhi	0.60	23.29	26.17
9	Goa	0.50	0.00	3.59
10	Gujarat	81.19	101.30	1242.71
11	Haryana	22.44	65.89	175.08
12	Himachal Pradesh	8.09	23.43	33.44
13	Jammu & Kashmir	16.68	4.89	42.26
14	Jharkhand	29.79	31.28	15.16
15	Karnataka	219.51	160.64	141.91
16	Kerala	0.00	18.46	36.34
17	Ladakh	0.00	0.00	12.41
18	Lakshadweep	0.00	0.00	0.00
19	Madhya Pradesh	159.33	93.69	64.95
20	Maharashtra	117.32	114.48	95.16
21	Manipur	16.86	23.06	14.89
22	Meghalaya	3.47	1.13	0.00
23	Mizoram	15.33	19.73	2.35
24	Nagaland	13.55	10.69	5.86
25	Odisha	30.17	4.01	33.47
26	Puduchchery	0.79	0.00	0.00

27	Punjab	25.94	31.85	65.29
28	Rajasthan	213.31	668.67	305.84
29	Sikkim	0.00	0.00	0.03
30	Tamil Nadu	29.29	86.08	60.92
31	Telangana	54.50	54.03	49.11
32	Tripura	12.65	18.49	16.88
33	Uttarakhand	24.86	8.99	28.93
34	Uttar Pradesh	92.83	68.91	46.90
35	West Bengal	15.70	0.00	0.00
36	Others (CEL,REL, NABARD, Regional Rural Banks, NGOs, etc.) and other Channel Partners	115.61	145.91	38.99
	Total	1591.15	1854.28	2633.92