

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
STARRED QUESTION NO. 135
ANSWERED ON 01/08/2023

MEGA SOLAR POWER PLANTS

*135. SHRI HARBHAJAN SINGH

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

- (a) whether Government has any proposal to establish mega solar power plants in several States and UTs;
- (b) if so, the details thereof especially in Punjab;
- (c) if not, the reasons therefor; and
- (d) the details of plan outlay and implementation procedure for any such proposal in near future?

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 REFERRED TO IN REPLY TO RAJYA SABHA STARRED
QUESTION No. 135 for ANSWER ON 01-08-2023**

(a) to (c) Solar projects are developed largely through private investments by the project developers selected through tariff-based competitive bidding, for captive consumption, and third-party sale, etc. A cumulative solar power capacity of 70,096 MW has been installed in the country including Punjab, as on 30.06.2023 with the following break-up:

| | |
|----------------------|--------------------|
| Ground Mounted Solar | : 57,217 MW |
| Rooftop Solar | : 10,371 MW |
| Off-Grid Solar | : 2,508 MW |
| Total | : 70,096 MW |

The State-wise details of solar capacity installed, so far is given at **Annexure**. In addition, 55,902 MW solar projects are under installation across the country.

The Government is also implementing a scheme for “Development of Solar Parks and Ultra Mega Solar Power Projects” in the country. Solar projects of megawatt-scale are set up in these parks. As on date, 50 Solar Parks with aggregate capacity of 37,990 MW have been sanctioned in 12 States across the country. Against this, 11 Solar Parks with aggregate capacity of 8,521 MW have been completed and additional 7 Solar Parks with aggregate capacity of 3,985 MW have been partially completed. In these parks, solar projects of aggregate capacity of 10,237 MW have been developed.

The Government had also approved two Solar Parks, each of capacity 500 MW in Punjab. Those parks were later cancelled due unavailability of land.

(d) As solar projects are set up largely by private developers, Government budgetary support is not required. However, the Government is implementing few schemes to support setting up of solar projects in the country. A budget provision of Rs. 7452 crore has been kept for various solar schemes for the FY 2023-24.

ANNEXURE

STATE-WISE DETAILS OF SOLAR CAPACITY INSTALLED, SO FAR

| Sr. No. | State/UT | Cumulative Solar Capacity till 30-06-2023 (MW) |
|--------------|-------------------------|--|
| 1 | Andaman & Nicobar | 29.91 |
| 2 | Andhra Pradesh | 4552.12 |
| 3 | Arunachal Pradesh | 11.75 |
| 4 | Assam | 155.70 |
| 5 | Bihar | 203.18 |
| 6 | Chandigarh | 63.59 |
| 7 | Chhattisgarh | 962.51 |
| 8 | Dadra & Nagar Haveli | 5.46 |
| 9 | Daman & Diu | 41.01 |
| 10 | Delhi | 227.73 |
| 11 | Goa | 33.74 |
| 12 | Gujarat | 10133.66 |
| 13 | Haryana | 1106.49 |
| 14 | Himachal Pradesh | 106.55 |
| 15 | Jammu & Kashmir | 53.29 |
| 16 | Jharkhand | 119.34 |
| 17 | Karnataka | 9050.59 |
| 18 | Kerala | 802.16 |
| 19 | Ladakh | 7.80 |
| 20 | Lakshadweep | 3.27 |
| 21 | Madhya Pradesh | 3021.57 |
| 22 | Maharashtra | 4870.64 |
| 23 | Manipur | 12.43 |
| 24 | Meghalaya | 4.15 |
| 25 | Mizoram | 30.43 |
| 26 | Nagaland | 3.04 |
| 27 | Odisha | 458.88 |
| 28 | Puducherry | 43.26 |
| 29 | Punjab | 1190.58 |
| 30 | Rajasthan | 17839.98 |
| 31 | Sikkim | 4.69 |
| 32 | Tamil Nadu | 6892.81 |
| 33 | Telangana | 4695.21 |
| 34 | Tripura | 18.06 |
| 35 | Uttar Pradesh | 2526.61 |
| 36 | Uttarakhand | 575.53 |
| 37 | West Bengal | 194.06 |
| 38 | Others including NABARD | 45.01 |
| Total | | 70096.78 |