

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 1573
ANSWERED ON 31/07/2024

INCREASE IN RENEWABLE ENERGY PRODUCTION

1573. Dr. RAJESH MISHRA

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

- (a) whether the Government is planning to increase the renewable energy production which is clean and environmental friendly as compared to Thermal Energy;
- (b) if so, the details of renewable energy production during the last three years and the proposed production for the year 2024-25, State-wise;
- (c) whether the Government has budgetary support for individual house hold in rural areas for the self generation and consumption of renewable energy; and
- (d) if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

(a) Government of India has targeted to achieve 50% of total electricity power installed capacity from non-fossil based energy resources by 2030.

The non-fossil power capacity in the country has increased from 81.16 GW (33% of total capacity) in 2014 to 203.19 GW (45.5% of total capacity) as on 30.06.2024.

(b) The details of renewable energy production during the last three years and current year (till May), State-wise, are given in the **Annexure-I**.

Central Electricity Authority (CEA) has estimated RE generation (excluding large hydro) during 2024-25 as 244 Billion Units (BU).

(c) & (d) The Government has launched the PM Surya Ghar: Muft Bijli Yojana in February 2024 to empower one crore residential households, including in the rural areas, to generate their own electricity by installation of rooftop solar systems, with a total outlay of Rs. 75,021 crore. Details of Central Financial Assistance (CFA) provided under this scheme are given at **Annexure-II**.

Annexure I referred to in reply of part (b) of the Lok Sabha Unstarred Question No. 1573 to be answered on 31.07.2024

State-wise details of electricity generated from various renewable energy sources (including large hydro) in the country during the last three years and current financial year

| (In Million Units [MU]) | | | | | |
|-------------------------|---|------------------|------------------|------------------|------------------------|
| S.No. | Name of State/UT | 2021-22 | 2022-23 | 2023-24 | 2024-25 (up to May) |
| 1 | Andaman & Nicobar Islands | 34.77 | 37.88 | 39.50 | 6.11 |
| 2 | Andhra Pradesh | 18776.44 | 20159.49 | 18837.67 | 2885.26 |
| 3 | Arunachal Pradesh | 4163.41 | 4845.79 | 4280.73 | 566.55 |
| 4 | Assam | 798.34 | 760.61 | 995.96 | 210.95 |
| 5 | Bihar | 239.83 | 288.85 | 342.08 | 48.02 |
| 6 | Chandigarh | 14.19 | 12.61 | 11.70 | 2.09 |
| 7 | Chhattisgarh | 2342.34 | 2240.42 | 2799.20 | 562.34 |
| 8 | Dadra and Nagar Haveli and Daman & Diu | 96.83 | 30.62 | 28.86 | 5.43 |
| 9 | Delhi | 458.73 | 530.20 | 728.81 | 138.02 |
| 10 | Goa | 16.82 | 19.96 | 67.95 | 10.87 |
| 11 | Gujarat | 27461.04 | 35895.77 | 43039.55 | 8784.04 |
| 12 | Haryana | 1135.42 | 1419.73 | 1651.50 | 351.72 |
| 13 | Himachal Pradesh | 38503.40 | 41579.81 | 38952.37 | 7318.26 |
| 14 | Jammu & Kashmir | 17489.83 | 17170.62 | 16282.93 | 3580.65 |
| 15 | Jharkhand | 576.67 | 327.57 | 219.96 | 24.97 |
| 16 | Karnataka | 42570.74 | 42731.82 | 39499.72 | 5749.46 |
| 17 | Kerala | 10932.06 | 9935.26 | 7359.96 | 1456.68 |
| 18 | Ladakh | 405.98 | 402.78 | 388.48 | 56.12 |
| 19 | Lakshadweep | 0.30 | 0.10 | 0.09 | 0.02 |
| 20 | Madhya Pradesh | 13403.45 | 16181.79 | 16099.80 | 3165.08 |
| 21 | Maharashtra | 21853.02 | 23100.88 | 24029.90 | 4300.99 |
| 22 | Manipur | 462.20 | 486.77 | 307.14 | 44.74 |
| 23 | Meghalaya | 886.50 | 1052.41 | 875.13 | 128.17 |
| 24 | Mizoram | 165.53 | 266.40 | 217.74 | 27.94 |
| 25 | Nagaland | 164.02 | 289.32 | 246.61 | 13.84 |
| 26 | Orissa | 6311.73 | 6654.91 | 7423.92 | 1019.80 |
| 27 | Puducherry | 12.24 | 12.24 | 12.24 | 2.04 |
| 28 | Punjab | 6951.88 | 8569.23 | 8798.82 | 1253.82 |
| 29 | Rajasthan | 24581.15 | 41957.48 | 48162.93 | 9858.64 |
| 30 | Sikkim | 11506.25 | 11709.14 | 8622.21 | 162.84 |
| 31 | Tamil Nadu | 29273.35 | 33592.22 | 33166.59 | 4621.51 |
| 32 | Telangana | 12972.52 | 13439.96 | 8752.39 | 1419.97 |
| 33 | Tripura | 7.62 | 6.58 | 7.01 | 1.07 |
| 34 | Uttar Pradesh | 7731.62 | 8191.22 | 8052.23 | 1283.11 |
| 35 | Uttarakhand | 15204.45 | 16368.16 | 14850.17 | 2135.60 |
| 36 | West Bengal | 5034.93 | 5382.85 | 4736.88 | 644.78 |
| | Total | 322539.63 | 365651.45 | 359888.76 | 61841.48 |

(Source: Central Electricity Authority)

Annexure II referred to in reply of part (c) & (d) of the Lok Sabha Unstarred Question No. 1573 to be answered on 31.07.2024

Details of Central Financial Assistance (CFA) provided under PM Surya Ghar: Muft Bijli Yojana

| Scheme/Programmes | CFA available as per the Scheme | | | |
|----------------------------------|---|--|-------------------|-----------------------------------|
| PM Surya Ghar: Muft Bijli Yojana | The details of the CFA pattern for the component “CFA to Residential Consumers” under this scheme are as follows: | | | |
| | S. No. | Type of Residential Segment | CFA | CFA (Special Category States/UTs) |
| | 1 | Residential Sector (first 2 kWp of Rooftop Solar (RTS) capacity or part thereof) | Rs.30,000/kWp | Rs.33,000/kWp |
| | 2 | Residential Sector (with additional RTS capacity of 1 kWp or part thereof) | Rs.18,000/kWp | Rs.19,800/kWp |
| 3 | Residential Sector (additional RTS capacity beyond 3 kWp) | No additional CFA | No additional CFA | |