

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 1107
ANSWERED ON 09.12.2025

TOTAL ELECTRICITY GENERATION FROM RENEWABLE SOURCES

1107. SHRI SATNAM SINGH SANDHU

Will the Minister of *New and Renewable Energy* be pleased to state:

- (a) the total electricity generation in the country from renewable sources compared to conventional sources (thermal, nuclear, etc.) in the last five years, year-wise;
- (b) whether the share of renewable energy in the country's total power generation is increasing as per Government's targets and if not, the reasons therefor; and
- (c) the details of major renewable energy projects commissioned in the last five years and their contribution to the national grid?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

- (a) The year-wise details of electricity generation in the country from conventional sources and renewable sources during the last five years are given below:

(In Billion Units)

Year	Conventional Generation	Total Renewable Energy (RE) Generation	Total Generation	% of RE Generation w.r.t. Total Generation
2020-21	1084.31	297.55	1381.86	21.53
2021-22	1169.32	322.54	1491.86	21.62
2022-23	1258.81	365.65	1624.46	22.51
2023-24	1379.20	359.89	1739.09	20.69
2024-25	1426.05	403.64	1829.69	22.06
2025-26 (up to Oct,25)	792.03	311.95	1103.98	28.26

Source: Central Electricity Authority (CEA)

- (b) The share of renewable energy generation in the country's total electricity generation has increased from 17.20% during 2014-15 to 22.06% during 2024-25. Further, during the current financial year 2025-26 (upto October, 2025), the share of renewable energy generation in the country's total electricity generation is 28.26%.

- (c) During the last five years (2020-21 to 2024-25), a total of 86.00 GW Renewable Energy Capacity has been installed in the country which includes 70.04 GW Solar Power, 12.29 GW Wind Power, 1.36 GW Bio-Power and 2.31 GW Hydro Power capacity.

As on 31.10.2025, the total non-fossil fuel energy and renewable energy installed capacity in the country is 259.42 GW and 250.64 GW which is 51.37% and 49.63% respectively of the total installed electricity capacity of 505.02 GW.
