

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 4316
ANSWERED ON 26/03/2025

STATUS OF RENEWABLE ENERGY

4316. SHRI UTKARSH VERMA MADHUR

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

- (a) the current status of renewable energy in the country;
- (b) whether the dependence of the country on clean and no-fossil fuels is increasing with the rise in power generation from renewable energy sources in the country;
- (c) if so, the details thereof; and
- (d) the details of the schemes being implemented by the Ministry in Uttar Pradesh?

ANSWER

**THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER
(SHRI SHRIPAD YESSO NAIK)**

(a) to (c) In line with Hon'ble Prime Minister's announcement at COP26, Ministry of New and Renewable Energy is working towards achieving 500 GW of installed electricity capacity from non-fossil sources by 2030. As on 28.02.2025, a total of 222.86 GW non-fossil power capacity has been installed in the country which includes 102.57 GW solar power, 48.59 GW wind power, 11.45 GW bio-power, 52.07 GW hydro power and 8.18 GW nuclear power. The share of non-fossil power in the total installed electricity capacity in the country has increased from 31.53% in 2014 to 47.37% as of now.

(d) Ministry of New & Renewable Energy has been implementing various schemes/ programmes to promote and accelerate renewable energy capacity in the country including the State of Uttar Pradesh to realise the target of 500 GW non-fossil power capacity by 2030, details of which are given at **Annexure**.

**Annexure referred to in reply of part (d) of the Lok Sabha Unstarred Question
No. 4316 to be answered on 26.03.2025**

Details of major schemes/ programmes being implemented by the Government of India to promote renewable energy sources in the country, including in the State of Uttar Pradesh:

1. Scheme for Development of Solar Parks and Ultra-mega Solar Power Projects with a target of setting up 40,000 MW capacity. Under the scheme, the infrastructure such as land, roads, power evacuation system water facilities are developed with all statutory clearances/approvals. Thus, the scheme helps expeditious development of utility-scale solar projects in the country.
2. PM-Surya Ghar: Muft Bijli Yojana for installing rooftop solar and providing free electricity up to 300 units every month for One Crore households.
3. Production Linked Incentive scheme 'National Programme on High Efficiency Solar PV Modules' for achieving manufacturing capacity of Giga Watt (GW) scale in High Efficiency Solar PV modules (Tranche- I & II).
4. PM-KUSUM Scheme to promote small Grid Connected Solar Energy Power Plants, stand-alone solar powered agricultural pumps and solarisation of existing grid connected agricultural pumps. The scheme is not only beneficial to the farmers but also States and DISCOMs. States will save on subsidy being provided for electricity to agriculture consumers and DISCOMs get cheaper solar power at tail end saving transmission and distribution losses.
5. Central Public Sector Undertaking (CPSU) Scheme Phase-II (Government Producer Scheme) for setting up 12,000 MW grid-connected Solar Photovoltaic (PV) Power Projects by Government Producers, using domestically manufactured solar PV cells and modules, with Viability Gap Funding (VGF) support, for self-use or use by Government/ Government entities, either directly or through Distribution Companies (DISCOMS).
6. National Green Hydrogen Mission launched with an outlay of Rs. 19,744 crore with aim to make India a Global Hub for production, utilization and export of Green Hydrogen and its derivatives.
7. Green Energy Corridors (GEC): to create intra-state transmission system for renewable energy projects. Central Financial Assistance (CFA) is provided to set up transmission infrastructure for evacuation of Power from Renewable Energy projects.
8. Bio-Energy Programme:
 - Waste to Energy Programme : Programme on Energy from Urban, industrial and Agricultural Wastes/Residues
 - Biomass Programme: Scheme to Support Manufacturing of Briquettes & Pellets and Promotion of Biomass (non-bagasse) based cogeneration in Industries.
 - Biogas Programme : for promotion of family type Biogas plants
9. New Solar Power Scheme (for Tribal and PVTG Habitations/Villages) under Pradhan Mantri Janjati Adivasi Nyaya Maha Abhiyan (PM JANMAN) and Dharti Aabha Janjatiya Gram Utkarsh Abhiyan (DA JGUA) with a provision for providing off-grid Solar Lighting where electricity supply through grid is not techno-economically feasible.