

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 947
ANSWERED ON 30/07/2024

PRODUCTION OF RENEWABLE ENERGY IN JHARKHAND

947. SHRI DEEPAK PRAKASH

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

- (a) whether Government proposes to start any new project related to the production of renewable energy in Jharkhand; and
(b) if so, the location-wise details of such projects being run in the country?

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

(a) & (b) Ministry of New and Renewable Energy (MNRE) has been Implementing various schemes/programmes in the entire country including the State of Jharkhand for promotion of renewable energy (RE) as given in the **Annexure**. Under these schemes/programmes, the projects are sanctioned based on the proposals received from the State Implementing Agencies and Developers.

The total RE installed capacity in the country has increased from 76.38 GW in 2014 to 195.04 GW as on 30.06.2024. In Jharkhand, the total RE installed capacity as on 30.06.2024 is 399.82 MW.

Further, Jharkhand Renewable Energy Development Agency (JREDA) has informed that following projects are proposed to start in Jharkhand:

- 600 MW of Floating Solar Project in Chandil Dam of Saraikela-Kharsawan district.
- 18 MW Ground Mounted Solar Project in Giridih district.
- 9 MW Ground Mounted Solar Project in Palamu district.
- 5 MW Ground Mounted Solar Project in East-Singbhum district.
- 2 MW Canal Top Solar Project in Ranchi district.

Details of the major ongoing Renewable Energy Schemes/Programmes

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. Central Public Sector Undertaking (CPSU) Scheme Phase-II (Government Producer Scheme) for setting up 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).
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 solarization of existing grid connected agricultural pumps.
The scheme is not only beneficial to the farmers but also States and DISCOMs. States 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. PM-Surya Ghar: Muft Bijli Yojana for installing rooftop solar for 1 Crore households.
6. Green Energy Corridors (GEC) Phase I and II: to create intra-state transmission system for renewable energy projects.
7. 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
8. Renewable Energy Research and Technology Development (RE-RTD) Programme.
9. Human Resource Development Scheme with components such as short-term trainings & skill development programmes, fellowships, internships, support to lab upgradation for RE and renewable energy chair.
10. National Green Hydrogen Mission launched with aim to make India a Global Hub for production, utilization and export of Green Hydrogen and its derivatives.