

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 3928
ANSWERED ON 12.08.2026

ACTION PLAN FOR ENERGY SELF-RELIANCE

3928. SMT. SANDHYA RAY

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

- (a) whether the Government has formulated any national action plan to make each Lok Sabha Constituency an energy self-reliant particularly in Bhind Lok Sabha Constituency;
- (b) if so, the details of the solar energy, biogas, solar pump and rooftop solar projects approved in Bhind and Datia; and
- (c) whether the Government proposes to develop a district-level renewable energy index and if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

(a) No specific national action plan has been formulated to make each Lok Sabha Constituency, including Bhind Lok Sabha Constituency, an energy self-reliant. However, the Government has taken several steps and initiatives to promote and accelerate renewable energy capacity across the country, the details are given in **Annexure**.

(b) The details of the solar energy, biogas, solar pump and rooftop solar projects in Bhind and Datia are as follows:

- a) Under the PM-Surya Ghar: Muft Bijli Yojana, as on 7.8.2026, a total of 922 applications have been received, of which 560 rooftop solar systems have been installed in Bhind and Datia.
- b) Under PM-KUSUM, a total of 566 off-grid solar pumps have been installed in Bhind and Datia up to 29.07.2026.
- c) The M.P. State Agro-Industries Development Corporation Ltd., has informed that during the last 12 years, a total of 516 biogas plants have been installed in Bhind and Datia.

(c) At present, there is no proposal under consideration to develop a district-level renewable energy index.

Annexure referred to in reply to part (a) of Lok Sabha Unstarred Question No. 3928 to be answered on 12.08.2026 regarding Action Plan for Energy Self-reliance

Steps taken to promote and accelerate renewable energy capacity in the country include, inter-alia, the following:

- Standard Bidding Guidelines for tariff based competitive bidding process for procurement of Power from Grid Connected Solar, Wind, Wind-Solar Hybrid and Firm & Dispatchable Renewable Energy (FDRE) projects have been issued.
- To boost RE consumption, Renewable Purchase Obligation (RPO) followed by Renewable Consumption Obligation (RCO) trajectory has been notified till 2029-30. The RCO which is applicable to all designated consumers under the Energy Conservation Act 2001 will attract penalties on non-compliance. RCO also includes specified quantum of consumption from Decentralized Renewable Energy sources.
- Foreign Direct Investment (FDI) has been permitted up to 100 percent under the automatic route.
- Schemes such as Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM), PM Surya Ghar Muft Bijli Yojana, National Programme on High Efficiency Solar PV Modules, 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), National Green Hydrogen Mission, Viability Gap Funding (VGF) Scheme for Offshore Wind Energy Projects have been launched.
- Scheme for setting up of Solar Parks and Ultra Mega Solar Power projects is being implemented to provide land and transmission to RE developers for installation of RE projects at large scale.
- Inter State Transmission System (ISTS) charges were waived for inter-state sale of solar and wind power for projects commissioned by 30th June 2025, for Green Hydrogen Projects till December 2030 and for offshore wind projects till December 2032.
- Laying of new transmission lines and creating new sub-station capacity has been funded under the Green Energy Corridor Scheme for evacuation of renewable power.
- Quality Control Orders for Solar Photovoltaic products (i.e., Solar PV Modules, Solar PV Inverters & Storage Battery) and Solar Water Heating systems notified.
- National Framework for Promotion of Energy Storage Systems was issued in September 2023, providing a comprehensive roadmap for deployment, market integration and regulatory facilitation of storage technologies
- Resource Adequacy Planning Framework for India.
- Electricity (Rights of Consumers) Rules, 2020 has been issued for net-metering up to five hundred Kilowatt or up to the electrical sanctioned load, whichever is lower.
- “National Repowering and Life Extension Policy for Wind Power Projects, 2023” has been issued.
- The Offshore Wind Energy Lease Rules, 2023 have been notified vide Ministry of External Affairs notification dated 19th December 2023, to regulate the grant of lease of offshore areas for development of offshore wind energy projects.
- The Revised Guidelines for installation of prototype wind turbine models issued on 12th June 2025.
- Procedure for inclusion/updating Wind Turbine Model in the Revised List of Models and Manufacturers of Wind Turbines (RLMM) issued on 31st July 2025. The amendment renames RLMM as Approved List of Models and Manufacturers [ALMM

(Wind)] and mandates usage of listed components such as Blade, Tower, Generator, Gearbox and Special Bearings (Main, Pitch and Yaw Bearing) along with mandatory relocation of data centres within India and prohibition of real-time data transfer outside India.

- The Standard Operating Procedure (SOP) for ALMM-Wind and ALMM – Wind Turbine Components (ALMM-WTC) issued on 29th October 2025, detailing the end-to-end process for application, verification, factory inspection, component evaluation and model enlistment.
- Standard & Labelling (S&L) programs for Solar Photovoltaic modules and Grid-connected Solar Inverters have been launched.
- To augment transmission infrastructure needed for steep RE trajectory, transmission plan has been prepared till 2030.
- The Electricity (Late Payment Surcharge and related matters) Rules (LPS rules) have been notified.
- Electricity (Promoting Renewable Energy Through Green Energy Open Access) Rules, 2022, notified on 06th June 2022 with objective of ensuring access to affordable, reliable, and sustainable green energy for all. Green Energy Open Access is allowed to any consumer with contract demand of 100 kW or above through single or multiple single connection aggregating Hundred kW or more located in same electricity division of a distribution licensee.
- The Green Term Ahead Market (GTAM) followed by the Green Day Ahead Market (G-DAM) were launched to facilitate sale of Renewable Power through exchanges.
- Government has issued orders that power shall be dispatched against Letter of Credit (LC) or advance payment to ensure timely payment by distribution licensees to RE generators.
- The Electricity (Promotion of Generation of Electricity from Must-Run Power Plant) Rules, 2021, issued in October 2021 ensure that must-run power plants, including RE and hydro plants during water spillage, cannot be curtailed for merit order dispatch or for other commercial factors. Curtailment is only allowed for technical constraints or grid security issues.
- The Electricity Rules were amended in December 2022 to explicitly recognise Energy Storage Systems (ESS) as an integral part of the power system, enabling their participation across generation, transmission and distribution functions.
- National Green Hydrogen Mission (NGHM), with an objective to make India a global hub of production, usage and export of green hydrogen and its derivatives. Under NGHM, India aims to establish green hydrogen production capacity of 5 Million Metric tonnes per annum by 2030.
