

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 3833
ANSWERED ON 23.03.20 23

NEW AND RENEWABLE ENERGY POTENTIAL IN BIHAR

3833. SHRI CHANDESHWAR PRASAD

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

- (a) the details of the new and renewable energy potential in Bihar at present, source-wise;
- (b) whether the Government proposes any steps to increase the renewable energy capacity in the State and if so, the details thereof;
- (c) the quantum of funds allocated, released and utilized thereunder during each of the last three years and the current year; and
- (d) the details of the proposals sanctioned for various new and renewable energy projects in Bihar during the said period along with the proposals still pending with the Government?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER
(SHRI R.K. SINGH)

(a): The details of renewable energy potential estimated for various renewable energy sources in the state of Bihar are as follows: -

(in MW)

Source	Wind Power (@ 120 mtr)	Small Hydro Power	Bio-Energy	Solar Power	Large Hydro	Total
Estimated Potential	3650	527	992	11200	40	16409

(b) The Government has taken several measures to promote renewable energy in the country including the state of Bihar, including, inter-alia, the following: -

- Permitting Foreign Direct Investment (FDI) up to 100 percent under the automatic route,
- Waiver of Inter State Transmission System (ISTS) charges for inter-state sale of solar and wind power for projects to be commissioned by 30th June 2025,
- Declaration of trajectory for Renewable Purchase Obligation (RPO) up to the year 2029-30,
- Setting up of Ultra Mega Renewable Energy Parks to provide land and transmission to RE developers for installation of RE projects at large scale,
- Schemes such as Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM), Solar Rooftop Phase II, 12000 MW CPSU Scheme Phase II, etc,
- Laying of new transmission lines and creating new sub-station capacity under the Green Energy Corridor Scheme for evacuation of renewable power,
- Notification of standards for deployment of solar photovoltaic system/devices,
- Setting up of Project Development Cell for attracting and facilitating investments,
- Standard Bidding Guidelines for tariff based competitive bidding process for procurement of Power from Grid Connected Solar PV and Wind Projects.
- 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.
- Notification of Promoting Renewable Energy through Green Energy Open Access Rules 2022.
- Notification of "The Electricity (Late Payment Surcharge and related matters) Rules (LPS rules).
- Launch of Green Term Ahead Market (GTAM) to facilitate sale of Renewable Energy Power through exchanges.

- National Green Hydrogen Mission approved with an aim to make India a global hub for production, utilization and export of Green Hydrogen and its derivatives.

(c) & (d) During the last three years and the current year, following capacities have been allocated to the state of Bihar for Renewable Energy projects under the Schemes and Programmes being implemented by the Ministry of New and Renewable Energy:

- i. Solarisation of 1.6 lakh existing grid connected agriculture pumps through Feeder Level Solarisation under PM-KUSUM Scheme.
- ii. Under Rooftop Solar Programme Phase-II, 25 MW capacity is allocated for residential sector.
- iii. Under Off-grid & Decentralized Solar PV Applications Programme Phase-III, a capacity of 240 kW was allocated for installation of off-grid solar power plants.
- iv. Under Atal Jyoti Yojana (AJAY) Phase-II, a total of 25,107 solar street lights were sanctioned.

A total of Rs. 4.31 Cr has been released to the state implementing agencies of the state of Bihar during last three years and the current year.

Further, a proposal from Magadh Sugar & Energy Limited for 3 MW power plant based on industrial effluent at Gopalgunj, Bihar has been received through Bio-Urja portal for availing central financial assistance under Watse to Energy programme.
