

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 1582
ANSWERED ON 14.03.2023

RENEWABLE ENERGY TARGETS

1582. SMT. SUMITRA BALMIK
SHRI HARBHAJAN SINGH

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

- (a) whether Government has achieved the target set in 2016 for achieving 175 GW of renewable energy by 2022;
- (b) if so, the details thereof and if not, the reasons therefor;
- (c) the steps taken/proposed to be taken by Government to meet its renewable energy targets in future; and
- (d) the details of renewable energy target set by Government for the year 2030 and the manner in which Government proposes to meet the said target?

ANSWER

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

(a) & (b) So far, a total of 168.39 GW renewable energy capacity has been installed in the country as on 31.01.2023. This includes 63.89 GW Solar Power, 46.85 GW Large Hydro, 41.98 GW Wind Power, 10.73 GW Bio Power and 4.94 GW Small Hydro Power. In addition, 80.15 GW of capacity is under implementation and 34.83 GW is under tendering.

(c) The Government has taken several measures to promote renewable energy in the country, 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.

(d) 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.

So far, a total of 175.17 GW capacity from non-fossil fuel-based energy resources has been installed in the country as on 31.01.2023, which includes 168.39 GW Renewable Energy and 6.78 GW Nuclear Power.
