

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 785
ANSWERED ON 13.12.2022

INITIATIVES TO ENHANCE THE USE OF NON-FOSSIL FUEL RESOURCES

785. SHRI S. KALYANASUNDARAM
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Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether Government has taken initiatives to enhance the use of non-fossil fuel resources for incremental economic growth;
- (b) if so, the details thereof, and if not, the reasons therefor;
- (c) whether Government has drawn any action plan to ensure that 50 per cent of our energy needs are sourced through renewable energy; and
- (d) if so, the details thereof, and if not, the reasons therefor?

ANSWER

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

(a) to (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 172.72 GW capacity from non-fossil fuel based energy resources has been installed in the country as on 31.10.2022. This includes 165.94 GW Renewable Energy and 6.78 GW Nuclear Power capacity. This has a share of 42.26% of total installed generation capacity in the country i.e. 408.71 GW as on 31.10.2022.

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.
