

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 773
ANSWERED ON 02.12.2021

USE OF GREEN HYDROGEN

773. SHRI VINOD KUMAR SONKAR
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SHRI BHOLA SINGH

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

- (a) whether the Government proposes to boost the use of green hydrogen in the oil refining and fertilizer production sectors;
- (b) if so, the details thereof;
- (c) whether the Government also proposes a Production Linked Incentive (PLI) scheme for electrolyser manufacturing to give an impetus to the domestic hydrogen value chain;
- (d) if so, the details thereof; and
- (e) the other steps being taken by the Government in this regard along with the promotion of renewable energy in the country?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a)to(e) In the Independence Day speech on August 15, 2021, Prime Minister announced the launch of National Hydrogen Mission and stated the goal to make India a global hub for Green Hydrogen production and export. The draft National Green Hydrogen Mission document is under inter-ministerial consultations.

The Mission proposes a framework for *inter alia* creating demand for Green Hydrogen in sectors such as petroleum refining and fertilizer production; support for indigenous manufacturing of critical technologies; Research & Development activities; and an enabling policy and regulatory framework. The proposed steps will lead to the development of additional renewable energy capacity for Green Hydrogen production.

Other steps taken by the Government *inter-alia* to promote renewable energy in the country are placed at **Annexure A**.

**Annexure A referred to in the reply to Lok Sabha Unstarred Question No. 773
to be answered on 02/12/2021**

Other steps taken by the Government to promote renewable energy in the country *inter alia* include:-

- 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,
- Laying of new transmission lines and creating new sub-station capacity for evacuation of renewable power,
- Declaration of trajectory for Renewable Purchase Obligation (RPO) up to the year 2022,
- Setting up of RE parks to provide land and transmission to RE developers on a plug and play basis,
- Schemes such as Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM), Solar Rooftop Phase II, 12000 MW CPSU Scheme Phase II, etc,
- 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 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.
- Green Term Ahead Market (GTAM) launched to facilitate procurement of RE power through power exchange in the country.
- Conducting skill development programmes to create a pool of skilled manpower for setting up, operation and maintenance of RE projects.