

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 1098
ANSWERED ON 09.12.2025

NATIONAL GREEN HYDROGEN MISSION

1098. SHRI HARSH MAHAJAN

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

- (a) whether Government is undertaking special initiatives under the National Green Hydrogen Mission to promote the production, storage and utilisation of green hydrogen and green ammonia in the country;
- (b) if so, the steps taken under the Mission to strengthen domestic manufacturing capacity, research and development, electrolyser technology and the required infrastructure;
- (c) whether any incentives or targets have been set under the Mission for the adoption of green hydrogen in industries, transport, refineries and the fertilizer sector; and
- (d) if so, the details of the present progress and the efforts being made in collaboration with States/PSUs for achieving these targets?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

(a) to (d) The Government of India is implementing the 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.

The following initiatives have been undertaken under the Mission:

- i. 3000 MW per annum electrolyser manufacturing capacity and 8,62,000 tonnes per annum of green hydrogen production capacity, have been awarded
- ii. Prices have been discovered by Solar Energy Corporation of India for the production and supply of 7,24,000 MTPA of Green Ammonia (a derivative of Green Hydrogen) to 13 fertilizer units across India.
- iii. 20,000 tonnes per annum of green hydrogen production and supply capacity has been awarded for supply to Indian Oil Corporation Ltd., Bharat Petroleum Corporation Limited and Hindustan Petroleum Corporation Limited.
- iv. Five pilot projects have been sanctioned for the use of hydrogen in steel sector.
- v. V. O. Chidambaranar Port Authority has awarded a project for development of bunkering and refuelling facility for green methanol at the port.

- vi. Five pilot projects have been sanctioned for deployment of 37 hydrogen - fuelled vehicles with 9 Hydrogen Refuelling Stations (HRS) across 10 different routes across India.
- vii. Four projects have been awarded to be developed as Hydrogen Valley Innovation Clusters (HVICs) namely, Jodhpur hydrogen valley, Odisha hydrogen valley, Pune hydrogen valley and Kerala hydrogen valley.
- viii. Twenty three (23 nos.) projects have been sanctioned as part of Research and Development (R&D) scheme of NGHM.
- ix. Five projects (5 nos.) have been sanctioned for the establishment of testing facilities.

MNRE has also advised states to incorporate provisions related to green hydrogen in their policies. Several states have taken proactive steps in this regard, details of which are as follows:

- i. Dedicated Green Hydrogen policies notified by the states of Maharashtra, Uttar Pradesh, and West Bengal;
- ii. Facilitative provisions under the Renewable Energy or Energy or Industrial policies have been included by the states of Andhra Pradesh, Bihar, Himachal Pradesh, Madhya Pradesh, Odisha, Telangana, Rajasthan and Chhattisgarh.
