

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 1742
ANSWERED ON 10.12.2025

POLICY TO ENCOURAGE USE OF HYDROGEN BASED ENERGY

1742. SHRI NAVEEN JINDAL

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

- (a) whether the Government has formulated any policy and/or worked out any plan to develop infrastructure to encourage use of hydrogen based energy sources and if so, the details thereof;
- (b) the present status of National Hydrogen Mission (NHM);
- (c) the details of targets set forth and the allocations made under NHM for the achievement of the laid down targets;
- (d) the details of achievements made against the set targets under NHM and the actual expenditure incurred for the same; and
- (e) the steps taken/ being taken by the Government to push hydrogen as a clear and safe alternative fuel in the country along with the timelines, if any prescribed for such a transition?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

(a) to (e) 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.

India's Green Hydrogen production capacity is likely to reach 5 Million Metric Tonnes per annum by 2030.

The details of achievements made under NGHM, are provided below:

- i. 3000 MW per annum electrolyser manufacturing capacity and 8,62,000 Metric Tonnes per Annum (MTPA) 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 the refineries of 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.

As on 8th December 2025, an expenditure of ₹ 247.22 crores has been incurred under NGHM.
