

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
LOK SABHA  
UNSTARRED QUESTION NO. 5278  
ANSWERED ON 02/04/2025

**HYDROGEN-FUELLED VEHICLES UNDER NGHM**

5278. SHRI SUDAMA PRASAD

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

- (a) whether the Ministry has launched pilot projects for hydrogen-fuelled vehicles under the National Green Hydrogen Mission (NGHM) and if so, the details thereof, State and location-wise along with the funds sanctioned for each of the said projects;
- (b) the measures in place to develop hydrogen refueling infrastructure and the total number of hydrogen refuelling centers across India; and
- (c) the specific steps taken by the Government to make hydrogen-fuelled vehicles cost-effective?

**ANSWER**

**THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER**

**(SHRI SHRIPAD YESSO NAIK)**

(a) to (c) The Government of India is implementing the National Green Hydrogen Mission, with an objective to make India a global hub of production, usage and export of green hydrogen and its derivatives.

Scheme Guidelines for implementation of Pilot projects for use of green hydrogen in the Transport Sector under the Mission were issued on 14<sup>th</sup> February 2025.

The Ministry of New and Renewable Energy has sanctioned five pilot projects consisting total of 37 vehicles (buses and trucks), and 9 hydrogen refueling stations. These vehicles will run on 10 different routes across the country viz., Greater Noida – Delhi – Agra, Bhubaneshwar – Konark – Puri, Ahmedabad – Vadodara – Surat, Sahibabad – Faridabad – Delhi, Pune – Mumbai, Jamshedpur – Kalinga Nagar, Thiruvananthapuram – Kochi, Kochi – Edappally, Jamnagar – Ahmedabad, and NH-16 Visakhapatnam – Bayyavaram.

In addition to above, following organisations have set up Hydrogen refueling centres:

- (i) The National Institute of Solar Energy (NISE) has established green hydrogen production cum refueling station at NISE, Gurugram, Haryana.
- (ii) Indian Oil Corporation Limited (IOCL) operates two Hydrogen refueling station based in IOCL R&D Centre, Faridabad and Jawahar Nagar, Vadodara, Gujarat.

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