

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 2687
ANSWERED ON 11.08.2026

NGHM IN PETROLEUM AND REFINING SECTOR

2687. SMT. REKHA SHARMA

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

- (a) the progress achieved under the National Green Hydrogen Mission (NGHM) from the perspective of the petroleum and refining sector;
- (b) the projects approved so far;
- (c) the investment expected therefrom; and
- (d) the likely impact on energy security?

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.

Under the SIGHT (Strategic Interventions for Green Hydrogen Transition) Mode - 2B scheme of the NGHM, Green Hydrogen production capacity of 30 Kilo Tonnes Per Annum (KTPA) has been awarded for refineries as per following details:

- i. 10 KTPA by Indian Oil Corporation Limited (Panipat)
- ii. 5 KTPA by Bharat Petroleum Corporation Limited (Bina)
- iii. 5 KTPA by Hindustan Petroleum Corporation Limited (Vizag)
- iv. 10 KTPA by Numaligarh Refineries Limited (Numaligarh).

The projects are implemented through BOO (Build Own Operate) arrangements through private developers, with project – specific investments by the concerned project developers. Domestic production and utilization of Green Hydrogen is expected to reduce dependence on imported fossil fuels, enhance energy security and support India's clean energy transition and net – zero objectives.
