

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 5391
ANSWERED ON 25.03.2026

COST OF PRODUCTION OF GREEN HYDROGEN

5391. DR. SHARMILA SARKAR

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

- (a) the details of the funds allocation and utilisation under the National Green Hydrogen Mission since its inception, year-wise;
- (b) the details of targeted production of green hydrogen and the actual current production since scheme inception, year-wise; and
- (c) the cost of production of green hydrogen (Rs./kg) and the cost of production of solar and wind energy (Rs./kg)?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

(a) & (b) 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.

As per available information, around 8000 tonnes per annum of green hydrogen production capacity has been commissioned in India till February 2026.

The details of the funds allocation and utilisation under the National Green Hydrogen Mission, are given below:

	Fund allocation (Rs. Crores) (Revised Estimate)	Utilisation (Rs. Crores)
FY 2023 - 24	100	0.11
FY 2024 - 25	300	46.26
FY 2025 – 26 (as on 19 th March 2026)	300	203.75

(c) Under the National Green Hydrogen Mission, the discovered Costs of Green Hydrogen through competitive bidding are ₹ 397 per kg (inclusive of 18% GST) for supply to the refinery of Indian Oil Corporation Limited and ₹ 387 per kg (inclusive of 18% GST) for supply to the refineries of Bharat Petroleum Corporation Limited and Hindustan Petroleum Corporation Limited.

As per the World Bank Group report titled “*Electrolysers for Hydrogen Production*,” it is estimated that renewable energy (solar and wind) accounts for approximately 50% to 70%, i.e. about ₹ 235 per kg, of the total cost of green hydrogen production.
