

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 692
ANSWERED ON 04.02.2026

IMPLEMENTATION OF NATIONAL GREEN HYDROGEN MISSION

692. DR. K SUDHAKAR
SMT. SANJNA JATAV

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

- (a) the present status of implementation of the National Green Hydrogen Mission including electrolyser manufacturing and hydrogen production capacity awarded;
- (b) the details of green ammonia supply agreements signed with fertilizer units and the pricing achieved;
- (c) the ports designated as Green Hydrogen Hubs and the infrastructure being developed for hydrogen export;
- (d) the timeline and milestones for achieving the five Million Metric Tonne (MMT) green hydrogen production target by the year 2030 and the major milestones identified for achieving this target; and
- (e) the support given to the private sector for investing in Green Hydrogen technologies?

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. Mission aims to establish Green Hydrogen production capacity of 5 Million Metric Tonnes (MMT) per annum by 2030.

The progress achieved under NGHM is given below:

1. Strategic Interventions for Green Hydrogen Transition (SIGHT)
 - i. Incentive scheme for electrolyser manufacturing
 - 3000 MW per annum electrolyser manufacturing capacity has been awarded to 15 companies.
 - ii. Incentive schemes for green hydrogen production
 - 8,62,000 tonnes per annum of green hydrogen production capacity has been awarded to 18 companies.
 - 20,000 tonnes per annum of green hydrogen production capacity has been awarded for supply to refineries of Indian Oil Corporation Ltd., Bharat Petroleum Corporation Limited and Hindustan Petroleum Corporation Limited.
 - Prices have been discovered by Solar Energy Corporation of India (SECI) for the production and supply of 7,24,000 Metric Tonnes per Annum (MTPA) of Green Ammonia

(a derivative of Green Hydrogen) to 13 fertilizer units across India. The details are provided at **Annexure**.

2. Green Hydrogen Hubs

- I. Deendayal Port (Kandla, Gujarat), V. O. Chidambaranar Port (Tuticorin, Tamil Nadu) and Paradip Port (Odisha) have been recognised as green hydrogen hubs under the NGHMs.
- II. In addition, the ministry has endorsed the proposal by NTPC for setting up of the Green Hydrogen Hub at Pudimadaka, Andhra Pradesh.
- III. Government of Andhra Pradesh has issued an order for establishing the State as India's largest green hydrogen hub and outlining a roadmap to transform Andhra Pradesh into a Green Hydrogen Valley by 2030.

3. V. O. Chidambaranar Port Authority has awarded a project for development of bunkering and refuelling facility for green methanol at the port.

In addition, following support is provided under the National Green Hydrogen Mission, to encourage investment in the green hydrogen technologies:

- I. Green Hydrogen/Green Ammonia Plants commissioned on or before 31.12.2030, and which utilize renewable energy for the production of Green Hydrogen or Green Ammonia, have been granted exemption from the payment of ISTS charges for a period of 25 years, starting from the date of commissioning of the project.
- II. Standalone plants producing Green Hydrogen/Green Ammonia by way of electrolysis of water using Renewable Energy, have been exempted from requirement of prior Environmental Clearance under the provisions of the Environment Impact Assessment Notification 2006.
- III. Duty benefits under Section 26 of SEZ Act, 2005 have been allowed to the units for installation as well as O&M of renewable energy equipment exclusively for captive consumption of the unit.
- IV. Exemption has been granted from ALMM and RLMM requirements for Renewable Energy plants located inside an Special Economic Zone (SEZ) or Export Oriented Unit (EOU) and supplying power exclusively for production plants of Green Hydrogen (or its derivatives).

Prices discovered for production and supply of Green Ammonia

S. No.	Procurer fertilizer unit	Green Ammonia capacity (MTPA)	Discovered price (Rs. /kg) *	Selected Green Ammonia producer
1	Paradeep Phosphate Limited (Paradeep)	75000	55.75	Acme Cleantech Solutions Private Limited
2	Krishana Phoschem Limited, Meghnagar	70000	51.8	NTPC Renewable Energy Limited
3	Madhya Bharat Agro Products Limited-II, Sagar	60000	52.25	Oriana Power Limited
4	Madhya Bharat Agro Products Limited-III, Dhule	70000	53.05	SCC Infrastructure Pvt. Ltd. with M/s InSolare Energy Limited
5	Gujarat Narmada Valley Fertilizers & Chemicals Limited (GNFC), Bharuch	50000	52.5	Onix Renewable Limited
6	Coromandel International Limited (CIL), Kakinada	85000	50.75	Jakson Green and Ocior
7	Coromandel International Limited (CIL), Vishakhapatnam	50000	51.89	Acme Cleantech Solutions Private Limited
8	Indian Farmers Fertiliser Cooperative Limited (IFFCO), Kandla	100000	54.73	Acme Cleantech Solutions Private Limited
9	Indian Farmers Fertiliser Cooperative Limited (IFFCO), Paradeep	100000	49.75	Acme Cleantech Solutions Private Limited
10	Paradeep Phosphates Limited (PPL), Zuarinagar	25000	62.84	Acme Cleantech Solutions Private Limited
11	Indorama India Private Limited (IIPL), Haldia	20000	64.74	Acme Cleantech Solutions Private Limited
12	Mangalore Chemicals & Fertilizers Ltd. (MCFL), Mangalore	15000	57.65	SCC Infrastructure Pvt. Ltd. with M/s InSolare Energy Limited
13	Madras Fertilizers Limited (MFL), Chennai	4000	50	Suryam International Private Limited