

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 1262
ANSWERED ON 10.02.2026

PROGRESS OF NATIONAL GREEN HYDROGEN MISSION

1262. SHRI MAYANKKUMAR NAYAK
SHRI KESRIDEVSINH JHALA
SHRI NARAYANA KORAGAPPA
SHRI SUBHASH BARALA

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; and
- (d) the timeline and milestones for achieving the 5 MMT green hydrogen production target by 2030?

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. 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 NGHM.
- 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 refueling facility for green methanol at the port.

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