

# Oil PSUs to set up 30 ktpa of annual green hydrogen production capacity

**Our Bureau**

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The public sector undertakings in the oil and gas sector are setting up green hydrogen manufacturing units of around 30.8 kilo-tonnes per annum (ktpa) by 2030.

These facilities are spread over Haryana, Madhya Pradesh, Andhra Pradesh, Assam, Karnataka and Tamil Nadu, data from the Ministry of Petroleum & Natural Gas said.

The largest facility is being established by BPCL in Madhya Pradesh of 10 ktpa, which is scheduled to be completed by 2030.

Similarly, Indian Oil Corporation is setting up a 7-ktpa facility in Haryana (Panipat), while HPCL is establishing a 7.3-ktpa green hydrogen manufacturing facility in Andhra



Pradesh. Both the manufacturing units are scheduled to be completed by FY26.

## R&D ACTIVITIES

Assam-based Numaligarh Refinery (NRL) will be setting up a 5-ktpa facility in the State by 2030. Besides, Chennai Petroleum Corporation (CPCL) will establish a 1-ktpa unit in Tamil Nadu by FY27, whereas Mangalore Refinery and Petrochemicals (MRPL) will es-

tablish a 0.5-ktpa green hydrogen producing unit in Karnataka by 2025.

That apart, various Research & Development (R&D) activities on hydrogen are being undertaken by oil & gas public sector undertakings. Oil PSUs have also formed a hydrogen corpus fund to support R&D on various facets of hydrogen including its production.

In January this year, the government approved the National Green Hydrogen Mission with an outlay of ₹19,744 crore and a target of producing 5 million tonnes per annum of green hydrogen with an associated renewable energy capacity of about 125 GW by 2030.

The targeted production capacity will bring over ₹8-lakh crore in total investments and creation of over 6 lakh clean jobs.