

GOVERNMENT OF INDIA
MINISTRY OF PETROLEUM AND NATURAL GAS

RAJYA SABHA
UNSTARRED QUESTION No. 1578
ANSWERED ON 05.08.2024

Setting up of green hydrogen manufacturing units

1578. SHRI V. VIJAYASAI REDDY:

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

- (a) whether green hydrogen manufacturing units of around 30.8 kilo-tonnes per annum (KTPA) are being set up by 2030;
- (b) whether these facilities are spread across Andhra Pradesh;
- (c) whether the work on the construction of 7.3 KTPA green hydrogen production facility of Hindustan Petroleum Corporation Limited (HPCL) in Andhra Pradesh has been started; and
- (d) if so, the details thereof and if not, the reasons therefor?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS
(SHRI SURESH GOPI)

(a) & (b): The Government is implementing the National Green Hydrogen Mission (NGHM) with the overarching objective of making India a global hub for production, usage, and export of green hydrogen and its derivatives by targeting production of 5 Million Metric Tonnes (MMT) per annum of green hydrogen by 2030. Strategic Interventions for Green Hydrogen Transition (SIGHT) of the Mission provides incentives for production of green hydrogen, under which production of 412 Kilo Tonne Per Annum (KTPA) green hydrogen has been allocated to 10 companies in Tranche I. The Green Hydrogen production facilities can be set up across India including in the state of Andhra Pradesh.

(c) & (d): A pilot project has been commissioned in July, 2024 by Hindustan Petroleum Corporation Limited (HPCL) to produce 0.37 KTPA Green Hydrogen at Visakhapatnam Refinery in Andhra Pradesh. Besides, HPCL has floated an Expression of Interest (EOI) for inviting interest from the parties to set up Green Hydrogen plant of the capacity of 5 KTPA on Build Own and Operate (BOO) basis in Visakhapatnam.
