

GOVERNMENT OF INDIA
MINISTRY OF PETROLEUM AND NATURAL GAS
RAJYA SABHA
UNSTARRED QUESTION NO- 127
ANSWERED ON- 25/11/2024

SETTING UP OF GREEN HYDROGEN PRODUCTION PLANT

127. SHRI NARAYANA KORAGAPPA

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

- (a) whether Mangalore Refinery and Petrochemicals Limited (MRPL) has identified Karnataka to set up green hydrogen plant;
- (b) if so, the details thereof;
- (c) the anticipated time for completion of the project and starting of the production;
- (d) the details of funds so far allocated, released and spent by MRPL on above green hydrogen production capacity in Karnataka; and
- (e) the impact on Climate Change and benefits of green hydrogen plant?

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS

(SHRI SURESH GOPI)

(a) to (d): Mangalore Refinery and Petrochemicals Limited (MRPL) is located at Mangalore in Karnataka where it is setting up a 500 TPA (Tons Per Annum) electrolyzer based Green Hydrogen Plant with approved cost of Rs.56 crore. The scheduled completion date of the project is September, 2026.

(e): As per National Green Hydrogen Mission document, the production of Green Hydrogen typically results in a reduction of approximately 10 kilograms of Carbon Di-oxide emissions per kilogram Hydrogen produced, as compared to production of Grey Hydrogen.
