

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 2212
ANSWERED ON 22.03.2022

ACTION PLAN TO PRODUCE, STORE AND DISTRIBUTE GREEN HYDROGEN

2212. SHRI ABDUL WAHAB

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

- (a) whether Government has formulated any detailed Action Plan to produce, store and distribute Green hydrogen;
- (b) if so, the details thereof;
- (c) India's current and the expected electrolyser capacity to become carbon emission free country;
- (d) whether Government will mandate any industries currently using "Grey" hydrogen to transition to the green variety to create demand for Green hydrogen; and
- (e) if so, the details thereof?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a)&(b) In the Independence Day speech on August 15, 2021, Hon'ble Prime Minister announced the launch of National Hydrogen Mission. Ministry of Power's Notification no. 23/02/2022-R&R dated 17 February 2022 includes provisions *inter alia* to support and facilitate production of Green Hydrogen.

The draft Mission document prepared by the Ministry of New and Renewable Energy aims at scaling up production and utilization of Green Hydrogen in multiple sectors. For storage and distribution of Green Hydrogen, the draft Mission *inter-alia* proposes a framework for infrastructure development and enabling policies & regulations.

(c) Information on current installed electrolyser capacity in India is not being maintained at present. The electrolyser capacity in the future is expected to be demand driven.

(d)&(e) The draft Mission document proposes a framework *inter-alia* for progressively replacing fossil fuels and fossil fuel-based feedstocks with Green Hydrogen in sectors such as refining, fertilizer production, city gas distribution etc. through suitable mandates.
