

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 3723
ANSWERED ON 05.04.2022

ABSENCE OF BUDGETARY ALLOCATIONS TO PRODUCE GREEN HYDROGEN

3723. SHRI SANJAY SINGH

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

- (a) whether it is a fact that offshore wind and small wind turbines also provide significant opportunity for India's clean energy transition which has remained untapped;
- (b) if so, the details thereof;
- (c) whether it is also a fact that any incentives or budgetary allocations to produce Green hydrogen were absent from the Budget despite Government's own initiative to develop Centres of Excellence on Offshore Wind power and an ambitious Green hydrogen Policy; and
- (d) if so, the reasons therefor?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a) & (b) Yes Sir, Both the offshore wind and onshore wind which includes small wind turbines having rotor swept area upto 200 m² provides significant opportunity for India's clean energy transition. As per assessment carried out by NIWE, the onshore wind potential of India is 695 GW at 120 m above ground level. Further, as per preliminary assessment the offshore wind energy potential of 70 GW capacity is estimated off the coasts of Gujarat and Tamil Nadu.

(c) & (d) In his Independence Day speech on August 15, 2021, Hon'ble Prime Minister announced the launch of National Hydrogen Mission. The Ministry of New and Renewable Energy has accordingly prepared a draft Mission document.

The draft Mission proposes a framework inter-alia for demand creation, a basket of measures to support production and utilization of Green Hydrogen, support for indigenous manufacturing, Research & Development, pilot projects, enabling policies and regulations, and infrastructure development. A New Budget Line for National Hydrogen Energy Mission has been created for Budget Estimates 2022-2023.
