

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 2735
ANSWERED ON 17.03.2022

ENERGY CREATION

2735. MS. LOCKET CHATTERJEE

Will the Minister of New & Renewable Energy be pleased to state:

- (a) the details of new forms of energy generation that are being explored in the country apart from hydrogen and solar energy;
- (b) whether the Government proposes to make a shift to renewable form of energy across majority part of the country; and
- (c) if so, details thereof?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a) The estimated potential of various new forms of energy are as follows:

- Small Hydro Power: 21.13 GW
- Tidal Energy: 12.45 GW
- Wave Energy: 41.3 GW
- Bio-Energy: 25.09 GW
- Geothermal Energy: 10 GW
- Waste to Energy: 5.6 GW
- Wind Energy (@120m above ground level): 695.50 GW
- Offshore Wind Energy: 70 GW (off the coast of Gujarat and Tamil Nadu)

(b) & (c) In accordance with Hon'ble Prime Minister's announcement at COP26, Ministry of New and Renewable Energy is committed to achieving 500 GW of installed electricity capacity from non-fossil fuel sources by 2030.