

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO-2536
ANSWERED ON-10/08/2021

GENERATION OF WAVE (TIDAL) ENERGY

2536. SHRI SUJEET KUMAR

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

- (a) whether Government has taken any steps to identify the wave (tidal) energy potential in the country given that India has a coastline of around 7500 km which can be harnessed to generate wave (tidal) energy; and
- (b) if so, the details thereof?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a)&(b) As per a study conducted by the Indian Institute of Technology, Chennai in association with CRISIL Risk and Infrastructure Solutions Limited in December 2014, the tidal power potential of the country is estimated at around 12,455 MW. The potential areas with low/medium tidal wave strength are in the Gulf of Khambat & Gulf of Kutch in Gujarat, Palk Bay-Mannar Channel in Tamil Nadu, and Hoogly river, South Haldia & Sunderbans in West Bengal.
