

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 2940
TO BE ANSWERED ON 12.12.2016

IDEAL AREAS FOR TIDAL ENERGY

2940. SHRI RAJKUMAR DHOOT:

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

- (a) whether Government is aware that Coastal areas of Maharashtra and other coastal States are very ideal for tidal energy;
- (b) if so, the details thereof; and
- (c) what action Government has taken or propose to take to promote tidal energy in Maharashtra and the rest of the country?

ANSWER

MINISTER OF STATE FOR POWER, COAL, NEW & RENEWABLE ENERGY & MINES (SHRI PIYUSH GOYAL)

(a): Yes Sir, CRISIL Risk and Infrastructure Solutions Limited, in collaboration with Indian Institute of Technology, Madras, has published a report named “Study on Tidal Waves Energy in India: Survey on the potential and proposition of a roadmap” has identified the tidal potential areas on the basis of neap and spring tidal ranges in 46 locations in India.

(b): The results presented in the study report indicate that the maximum tidal ranges in India are observed in the Gulf of Kutch and Gulf of Kambhat regions with a range of 10 to 11m. The tidal range observed along the Sundarbans area is about 5.5m in magnitude. As per the report, the regions may be categorized as Class-I-Tidal-range. Apart from these, the regions south of Gujarat and West Bengal also experience moderate tidal range of 3 to 5 m. These regions may be categorized as Class-II-Tidal-range.

(c): Ministry of New and Renewable Energy (MNRE) supports the promotion of Research, Design and Development for projects including tidal energy through financial incentives.
