

**GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:1185

ANSWERED ON:09.02.2017

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Rajendran Shri S.

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

- (a) whether Indian Institute of Technology (IIT), Chennai has published a report titled "Study on Tidal and Waves energy in India";
- (b) if so, the details thereof and the steps taken by the Government based on the outcome of study;
- (c) whether the Government has identified the tidal potential areas in the country; and
- (d) if so, the details thereof, State-wise?

Answer

THE MINISTER OF STATE (IC) FOR POWER, COAL, NEW & RENEWABLE ENERGY AND MINES (SHRI Piyush GOYAL)

(a) & (b): Yes Madam. Indian Institute of Technology (IIT), Chennai in Collaboration with CRISIL Risk and Infrastructure Solutions Limited, has published a report named "Study on Tidal & Waves Energy in India: Survey on the Potential & Proposition of a Roadmap". The report analyses potential of tidal and wave energy, enabling framework in other countries and commercial aspects of tidal and wave energy. However tidal and wave energy cannot be harnessed on commercial basis due to high capital cost. The Ministry of New & Renewable Energy supports the promotion of Research, Design, Development and Demonstration of tidal energy projects through financial incentives.

(c) & (d): Yes Madam. The Government has identified 46 potential tidal locations along the coastline on the basis of spring and neap tide range. The most promising tidal potential areas are Gulf of Khambat, Gulf of Kutch and South Gujarat in Gujarat, Palk Bay-Mannar Channel in Tamil Nadu and Hoogly River, South Haldia and Sunderbans in West Bengal.
