

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 3027
TO BE ANSWERED ON 11.07.2019

POTENTIAL SITES FOR TIDAL POWER

3027. SHRI GNANATHIRAVIAM S

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

- (a) whether the Government is taking up the tidal power and research programme in a big way and if so, the details thereof;
- (b) whether any potential sites have been identified for setting up tidal projects in the country including Tamil Nadu and if so, the details thereof, State/UT-wise;
- (c) the steps taken by the Government during the last three years and the current year; and
- (d) the details of the projections made/being made for the next five years for the tidal power?

ANSWER

THE MINISTER OF STATE (I/C) FOR NEW & RENEWABLE ENERGY AND POWER
(SHRI R. K. SINGH)

- (a) No Sir. The earlier efforts for harnessing tidal power were not successful due to high capital cost ranging from Rs. 30 crore to Rs. 60 crore per MW.
- (b) As per a study conducted by the Indian Institute of Technology, Chennai in association with CRISIL (Credit Rating Information Services of India Limited) Risk and Infrastructure Solutions Limited in December 2014, the tidal power potential 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 & southern regions in Gujarat, Palk Bay-Mannar Channel in Tamil Nadu, and Hoogly river, South Haldia & Sunderbans in West Bengal.
- (c) and (d) Due to very high capital cost, the Government has not planned harnessing tidal power in the next five years.
