

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 2302
TO BE ANSWERED ON 05.03.2020

OCEAN BASED TIDAL ENERGY PROJECTS

2302. SHRI SISIR KUMAR ADHIKARI

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

- (a) whether the Government proposes to set up ocean based tidal energy projects in the country;
- (b) if so, the details thereof;
- (c) whether the Government has identified potentiality of about 12455 MW production of tidal energy;
- (d) if so, the details thereof; and
- (e) the status of tidal projects of Gujarat and Sunderban areas of West Bengal therein?

ANSWER

THE MINISTER OF STATE (I/C) FOR NEW & RENEWABLE ENERGY, POWER and
MoS for SKILL DEVELOPMENT AND ENTREPRENEURSHIP

(SHRI R.K. SINGH)

- (a) to (b) The Government has not planned harnessing tidal power due to high capital cost ranging from Rs. 30 crore to Rs. 60 crore per MW.
- (c) to (d) 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 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.
- (e) Both the projects have been cancelled by the State Governments due to high capital costs.
