

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

UNSTARRED QUESTION NO:1971
ANSWERED ON:04.12.2014
GENERATION OF TIDAL ENERGY
Mahajan Smt. Poonam

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

- (a) whether a study was undertaken for the assessment of tidal energy potential in the country, if so, the details thereof, State-wise;
- (b) the locations identified for the purpose of harnessing tidal energy in the country;
- (c) whether the State Government of Maharashtra conducted a feasibility study to harness tidal energy and if so, the details thereof; and
- (d) the steps being taken by the Government to encourage/setup tidal power projects in the Country?

Answer

THE MINISTER OF STATE FOR POWER, COAL & NEW AND RENEWABLE ENERGY (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a)&(b): A study were undertaken for the assessment of tidal energy potential in the country by the Central Electricity Authority. According to the study, there is an estimated potential of about 7,000 MW in Gulf of Cambay, 1200 MW in the Gulf of Kuch in the State of Gujarat and about 100 MW in the Gangetic Delta in the Sunderbans region in the state of West Bengal.

(c): Maharashtra Energy Development Agency (MEDA) has not conducted any feasibility study to harness tidal energy in the state.

(d): The Ministry of New and Renewable Energy has policy guidelines for Research, Development and Demonstration in the area of New and Renewable Energy including Tidal Energy. The policy has provision to provide financial support for resource assessment, research and development and demonstration projects. The Ministry had sanctioned a project for setting up 3.75 MW demonstration tidal power plant at Durgaduani Creek in Sunderbans, West Bengal to the West Bengal Renewable Energy Development Agency (WBREDA). Government of West Bengal decided not to continue with project due to its very high project cost.