

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

UNSTARRED QUESTION NO:1662

ANSWERED ON:19.11.2010

TIDAL ENERGY

Thakur Shri Anurag Singh

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

- (a) the quantum of power generated from tidal energy in the country including West Bengal during the last three years and the current year, State-wise;
- (b) whether the Government has formulated a comprehensive policy for encouraging growth and development of tidal energy in the country;
- (c) if so, the details thereof;
- (d) whether the Government has done any mapping of the potential areas, having potential for exploitation of tidal energy in the country; and
- (e) if so, the details thereof, State-wise?

Answer

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH)

(a),(b),(c),(d)&(e): A study was undertaken for the assessment of tidal energy potential in the country. According to the study, there is an estimated potential of tidal energy of the order of 8000 MW in the country. This includes about 7000 MW in the Gulf of Cambay and 1200 MW in the Gulf of Kutch in the State of Gujarat and about 100 MW in the Gangetic Delta in the Sunderbans region in the State of West Bengal.

The Ministry sanctioned a demonstration project for setting-up 3.75 MW capacity tidal energy power plant at the Durgaduani Creek in Sunderbans region to West Bengal Renewable Energy Development Agency (WBREDA), Kolkata. The project is being executed by NHPC Limited.

The State Government of Gujarat has undertaken a study for generation of tidal power across the coastline of Gujarat and actively working on realizing tidal power potential in the State.