

**GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA**

UNSTARRED QUESTION NO:1822
ANSWERED ON:20.07.2004
TAPING OF OCEAN WAVE ENERGY
Koya Dr. P. Pookunhi

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

- (a) whether the Government has any plan to generate energy from ocean waves and provides to the adjoining areas of the country;
- (b) if so, the details thereof; and
- (c) if not, the reasons therefor?

Answer

MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (INDEPENDENT CHARGE) (SHRI VILAS MUTTEMWAR)

(a), (b) & (c): The Ministry of Non-Conventional Energy Sources is supporting the development of tidal energy in the country. In this context, the Ministry has supported the preparation of a Detailed Project Report (DPR) through West Bengal Renewable Energy Development Agency (WBREDA) for the setting up of a tidal power plant in Sunderban region of West Bengal. Based on the DPR, a proposal has been prepared for a tidal power plant of 3.65 MW capacity at Durgaduani in South 24-Parganas district of West Bengal for supplying electricity to some villages in Sunderban region. Statutory environmental clearances are required for processing this proposal further for which WBREDA has initiated necessary actions.

In addition, Department of Ocean Development has set up a wave energy plant of 50 kW capacity at Vizhinjam in Kerala, which is being used as a National Test Facility. A desalination plant of 10,000 litres per day has been commissioned at Vizhinjam Wave Energy Plant for production of fresh water.