

**GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
RAJYA SABHA
UNSTARRED QUESTION No.2086
TO BE ANSWERED ON THURSDAY, DECEMBER 17, 2015**

Generation of electricity from sea water

2086. SHRI B. K. HARIPRASAD:

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) whether the National Institute of Ocean Technology (NIOT) is working in the direction of generating electricity from sea water;**
- (b) if so, the details and the status thereof;**
- (c) whether any cost effective analysis has been made in this regard and if so, the details thereof;**
- (d) whether Government is considering to establish pilot projects for this purpose in the country; and**
- (e) if so, the details thereof and the progress made therein?**

ANSWER

**MINISTER OF STATE FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND
MINISTRY OF EARTH SCIENCES
(SHRI. Y. S. CHOWDARY)**

- (a) No, Sir.**
- (b) Does not arise.**
- (c) At present, generating electricity through Ocean Thermal Energy Conversion (OTEC) and wave energy is not found to be cost effective at commercial scale due to high capital cost and low level of power generation.**
- (d) No, Sir.**
- (e) Does not arise.**
