

**GOVERNMENT OF INDIA  
EARTH SCIENCES  
LOK SABHA**

UNSTARRED QUESTION NO:1444  
ANSWERED ON:29.07.2015  
Electricity Generation from Sea Water  
Shetty Shri Gopal Chinayya

**Will the Minister of EARTH SCIENCES be pleased to state:**

- (a) whether the National Institute of Ocean Technology (NIOT) is working towards electricity generation from sea water;
- (b) if so, the details thereof, and the status thereof;
- (c) whether any cost effective analysis has been made in this regard and if so, the details thereof;
- (d) whether the Government proposes to start pilot projects in this regard; and
- (e) if so, the details thereof and the progress made in this regard?

**Answer**

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

- (a) No, Madam.
- (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, Madam.
- (e) Does not arise.