

GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
LOK SABHA
UNSTARRED QUESTION No. **872**
TO BE ANSWERED ON THURSDAY, AUGUST 8, 2013

CONVERSION OF OCEAN THERMAL ENERGY

**872. SHRIMATI JYOTI DHURVE:
SHRI NARANBHAI KACHHADIA:**

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

- (a). the details of the progress made in the research to convert Ocean Thermal Energy for the purpose of generating electricity; and
- (b). the time by which electricity generation is likely to be started?

ANSWER

MINISTER FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND
MINISTRY OF EARTH SCIENCES
(SHRI S. JAIPAL REDDY)

- (a). Earth System Science Organisation (ESSO) through its technical arm, National Institute of Ocean Technology (NIOT) has been conducting laboratory level experiments for generation of electrical energy by Ocean Thermal Energy Conversion (OTEC), utilizing difference in temperature between ocean surface and ocean depth around 800-1000m. No operational plant based on the principle of OTEC exists anywhere in the World.
- (b). Does not arise.
