

**GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
RAJYA SABHA
UNSTARRED QUESTION No. 1760
TO BE ANSWERED ON TUESDAY, JULY 09, 2019**

DESALINATION PLANTS IN COASTAL AREAS

1760. SHRI RAJKUMAR DHOOT:

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) whether Government has framed any policy for setting up desalination plants in Coastal areas of the country for producing potable water from sea water to solve the problem of acute shortage of potable water;**
- (b) if so, the details thereof and if not, the reasons therefor; and**
- (c) by when such a policy will be in place for implementation?**

ANSWER

**MINISTER FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND
MINISTRY OF EARTH SCIENCES
(DR. HARSH VARDHAN)**

- (a) No Sir. However, Ministry of Earth Sciences (MoES), through National Institute of Ocean Technology (NIOT), one of its autonomous body, has developed and demonstrated three desalination plants, based on the Low Temperature Thermal Desalination (LTTD) technology. In addition, work for setting up of LTTD based desalination plants in Amini, Androth, Chetlat, Kadamat, Kalpeni and Kiltan islands of Lakshadweep, each with a fresh water generating capacity of 1.5 lakh liters per day has commenced.**
- (b) The required thermal gradient does not exist near the coastline of mainland. Therefore, LTTD technology cannot be employed for producing potablewater from sea water and there is no policy in this regard.**
- (c) Does not arise.**
