

**GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
LOK SABHA
UNSTARRED QUESTION NO. 3952
TO BE ANSWERED ON FRIDAY, MARCH 19, 2021**

Conversion of Sea Water into Potable Water

3952. SHRI DHARAMBIR SINGH:

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) Whether the Government has formulated any scheme to convert sea water into potable water keeping in view the continuous shortage of drinkingwater;**
- (b) If so, the details thereof; and**
- (c) If not, the reasons therefor?**

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

- (a) Yes, Sir.**
- (b) A proposal of Lakshadweep Administration for establishment of 6 Low Temperature Thermal Desalination (LTTD) plants each with capacity of producing 1.5 lakh litre per day in the islands of Amini, Androth, Kadamat, Chetlat, Kalpeni and Kiltan of the Union Territory of Lakshadweep was approved and construction of the plants is in advanced stage. Earlier, three desalination plants have been developed and demonstrated at Kavaratti, Agathi and Minicoy based on the LTTD technology indigenously by the National Institute of Ocean Technology (NIOT), an autonomous body of the Ministry of Earth Sciences. The capacity of each of these LTTD plants is 1 Lakh litre of potable water per day.**
- (c) Does not arise.**
