

**GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
RAJYA SABHA
UNSTARRED QUESTION NO. 830
TO BE ANSWERED ON TUESDAY, 27th JULY, 2021**

CONVERSION OF SEA WATER TO POTABLE WATER

830. SHRI M.V. SHREYAMS KUMAR:

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

- (a) whether Government has formulated any scheme to convert sea water into potable water keeping in view the continuous shortage of drinking water;
- (b) if so, the details thereof; and
- (c) whether Government proposes to extend this scheme to other parts of the country including certain areas of Kerala where there is shortage of clean drinking water?

**ANSWER
THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR
MINISTRY OF SCIENCE AND TECHNOLOGY
AND EARTH SCIENCES
(DR. JITENDRA SINGH)**

- (a) Yes, Sir.
- (b) – (c) 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, Agati 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.