

**GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
RAJYA SABHA
UNSTARRED QUESTION NO. 1627
TO BE ANSWERED ON TUESDAY, 3RD AUGUST, 2021**

PRODUCING POTABLE WATER FROM SEA WATER

1627. SHRI HARSHVARDHAN SINGH DUNGARPUR:

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) the status of production of desalination technology plants in the country for conservation of sea water into potable water based on Low Temperature Desalination (LTD) technology producing drinking water from sea water;
- (b) whether Government has formulated any scheme to establish a large number of plants in the coastal areas of the country for producing drinking water from sea water;
- (c) if so, the details thereof and the per litre cost of drinking water so produced from these plants; and
- (d) the time by which the said scheme is likely to be implemented?

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

- (a)–(d) A proposal of Lakshadweep Administration for establishment of 6 desalination plants based on the Low Temperature Thermal Desalination (LTTD) technology 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. Construction of these six plants is in advanced stage. Earlier, three desalination plants based on the LTTD technology have been developed and demonstrated at Kavaratti, Agati and Minicoy. The capacity of each of these LTTD plants is 1 Lakh litre of potable water per day.
