

**GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
LOK SABHA
UNSTARRED QUESTION NO. 1532
TO BE ANSWERED ON WEDNESDAY, 31ST JULY, 2024**

CONVERSION OF SEA WATER TO POTABLE WATER

1532. SHRI E T MOHAMMED BASHEER:

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

- (a) whether the country has any project on conversion of sea water to portable water, which is an emergency sector Earth Science; and
- (b) if so, the details thereof?

ANSWER

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

- (a) Yes.
- (b) Three desalination plants each with a fresh water production capacity of one lakh litre per day have been established at Kavaratti, Minicoy, and Agatti islands of the Union Territory of Lakshadweep, based on the Low Temperature Thermal Desalination (LTTD) technology indigenously developed by the National Institute of Ocean Technology (NIOT), an autonomous body of the Ministry of Earth Sciences. Based on the success of these plants, Ministry of Home Affairs (MHA) through Union Territory (UT) Lakshadweep has entrusted the work of establishing 6 more LTTD plants at Amini, Androth, Chetlet, Kadmat, Kalpeni and Kiltan with a capacity of 1.5 lakhs litres per day. Out of these, three plants one each at Kalpeni, Amini and Kadmat has been established recently.
