

GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
RAJYA SABHA
UNSTARRED QUESTION NO. 33
TO BE ANSWERED ON MONDAY, AUGUST 05, 2013

DE-SALINATION PLANTS

33. SHRI PRAKASH JAVADEKAR:

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

- (a) how many de-salination plants are operating in the country;
- (b) whether Government has any plan to increase the number of such plants to facilitate water to cities facing water shortage; and
- (c) by when Government would set up more such plants?

ANSWER

MINISTER FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND
MINISTRY OF EARTH SCIENCES
(SHRI S. JAIPAL REDDY)

- (a) Earth System Science Organisation (ESSO) - National Institute of Ocean Technology (NIOT) has indigenously designed, developed and demonstrated Low Temperature Thermal Desalination (LTTD) technology for conversion of sea water into potable water and three plants based on this technology are operating at Kavaratti, Minicoy, and Agatti islands of Lakshadweep; each with a capacity of generating 1 lakh liter of potable water per day.
- (b) Yes, Sir.
- (c) A proposal to set up six LTTD plants to be funded by the Lakshadweep Administration, one each in the islands of Lakshadweep viz., Amini, Chetlet, Kadamath, Kalpeni, Kiltan and Andrott with a capacity of generating one lakh litre of potable water per day is under consideration of Government. It is proposed to set up a LTTD plant with a capacity of generating 2 million litres of potable water per day (2 MLD) at Tuticorin Thermal Power Station, Tamil Nadu by end of 12th Five Year Plan.
