

**GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
LOK SABHA
UNSTARRED QUESTION NO. 1849
TO BE ANSWERED ON FRIDAY, 30TH JULY, 2021**

DESALINATION OF WATER

1849. SHRI RAJESHBHAI CHUDASAMA:

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) the steps taken by the Government to promote desalinisation of water in States as per the requirement;
- (b) the States which are likely to be benefitted from desalinization of water;
- (c) the cost of setting up of a desalinization plant; and
- (d) whether the Government has taken/proposes to take foreign assistance for setting up of desalinisation plants and 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) Drinking water supply is a state subject. Government of India assists States by providing financial and technical assistance to provide tap water connection to every rural household of the country through centrally sponsored scheme Jal Jeevan Mission. Power to plan, approve, and implement rural water supply schemes including desalination plants are vested with States. However, Ministry of Earth Sciences (MoES) through its autonomous Institute National Institute of Ocean Technology (NIOT) has developed Low Temperature Thermal Desalination (LTTD) technology for conversion of sea water to potable water which has been successfully demonstrated in Lakshadweep islands and coastal power plants.
- (b) The funds provided to the States under Jal Jeevan Mission can be utilised for taking up schemes in water quality-affected areas/water-scarce areas on priority.
- (c) The cost of desalination plant depends on a number of factors inter alia which includes technology used and cost of electricity.
- (d) No, Sir. No State/UT has approached Department of Drinking Water and Sanitation, Ministry of Jal Shakti to seek foreign assistance for setting up of desalination plants.
