

**GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA**

UNSTARRED QUESTION NO:932
ANSWERED ON:03.03.2010
SHORTAGE OF WATER
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Will the Minister of WATER RESOURCES be pleased to state:

- (a) whether global water consumption will increase from the present 4,5000 billion cubic metre (bcm) to 69000 bcm as per the conclusion of a study on the global water scenario by International Consultancy in collaboration with the World Bank during the next two decades;
- (b) if so, the details thereof;
- (c) whether demand of water in the country will grow annually by 2.8% to reach a whopping 15000 bcm while supply is projected at only about 744 bcm as per the said report;
- (d) if so, the details thereof; and
- (e) the effective measures being taken by the Government in this regard?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI VINCENT H. PALA)

(a) to (e) The 2030 Water Resources Group has brought out a report titled "Charting Our Water Future: Economic frameworks to inform decision-making". The report has been sponsored by the International Finance Corporation, a part of the World Bank Group and the fact base for the Report has been developed by Mckinsey & Co. In the report, it has been indicated that the total global water requirement would increase from 4,500 billion cubic meter (BCM) to about 6,900 BCM by the year 2030. It has further been mentioned in the report that the water requirement for India will be about 1,498 BCM in year 2030. The report further mentions that the water supply is approximately 740 BCM. However, full details about the assessment particularly for India have not been included in the report.

In this regard, it is stated that the total water requirement has been assessed by Standing Sub-committee for Assessment of Availability and Requirement of Water for Diverse Uses in the Country to be about 1,447 BCM by the year 2050. However, the National Commission for Integrated Water Resources Development has assessed that with achievement of the desired level of efficiency, the water requirement by the year 2050 will be about 1,180 BCM in high demand scenario. The average annual precipitation in India has been estimated to be about 4,000 BCM and the overall water availability has been assessed to be about 1,869 BCM with estimated utilizable water of about 1,123 BCM.

Considerable emphasis has been laid on the efficiency in water utilization for all purposes by Government of India. The National Water Policy states that efficiency of utilization in all diverse uses of water should be optimized. Further, "Increasing water use efficiency by 20%" has been identified as one of the important goals in the Mission Document drafted for National Water Mission, one of the eight Missions envisaged under National Action Plan on Climate Change.