

**GOVERNMENT OF INDIA  
WATER RESOURCES  
LOK SABHA**

UNSTARRED QUESTION NO:2849  
ANSWERED ON:11.08.2003  
ASSESSMENT ON REQUIREMENT OF WATER  
ASHOK NAMDEORAO MOHOL;RAMSHETH THAKUR

**Will the Minister of WATER RESOURCES be pleased to state:**

- (a) whether the Government have made any assessment in regard to requirement of water in various sectors;
- (b) if so, the estimated requirement of water in agricultural, industrial and domestic sectors, separately;
- (c) the present water utilisation, sector-wise;
- (d) whether the Union Government have prepared any National Level plan to create additional storage capacity of water; and
- (e) if so, the details thereof?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRIMATI BHOYA CHAKRAVARTY)

(a) Yes, Sir. The assessment of availability and requirement of water for diverse uses in the country has been made by the Standing Sub-Committee of Ministry of Water Resources in the year 2000.

(b) As per this report, the estimated requirements of water for agriculture, industry, domestic sectors, etc. are as under:

Water requirements

Sector	(billion cubic metre)	
	Year 2000	Year 2010
Agriculture	541	688
Drinking	42	56
(including livestock)		
Industrial & Other uses	51	69
Total	634	813

(c) The present reported water utilization is 605 Billion Cubic Metre (BCM) out of which 501 BCM is for agriculture and 30 BCM is for drinking and domestic uses.

(d) & (e) Live storage capacity of 177 BCM has already been created. An additional live storage capacity of 75 BCM will be created on completion of the ongoing projects. For speedy completion of ongoing water resources projects, the Central Government has launched the Accelerated Irrigation Benefits Programme (AIBP). Under the programme, financial assistance in form of central loan is being extended to State Governments to help them complete the ongoing irrigation projects in a time bound manner so that the benefits could accrue at the earliest. Besides, live storage capacity of 132 BCM is to be created through the projects under

consideration. Central Ground Water Board has also taken up a Central Sector Scheme on "Studies of Recharge to Ground Water" on pilot basis. Central Ground Water Board has prepared a "Master Plan for Artificial Recharge to Ground Water" which envisages to recharge 36453 Million Cubic Metre volume of water through 2.25 lakhs artificial recharge structures in rural areas like percolation tanks, check dams, sub-surface dykes, gully plugs, gabion structures, nala bunds, contour bunds, recharge shafts etc. As a long term measure, National Water Development Agency have formulated National Perspective Plan for water resources development which envisages interlinking various Peninsular rivers and Himalayan rivers.