

**GOVERNMENT OF INDIA  
WATER RESOURCES  
LOK SABHA**

UNSTARRED QUESTION NO:3629  
ANSWERED ON:15.12.2011  
DESILTING OF TUNGABHADRA RESERVOIR  
Shivanagouda Shri Shivaramagouda

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

- (a) whether the original capacity of the Tungabhadra reservoir has come down due to deposition of a huge amount of silt;
- (b) if so, the details thereof; and
- (c) the steps taken by the Government to desilt the reservoir and enhance its storage capacity?

**Answer**

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

- (a) Yes, the storage capacity of Tungabhadra Dam has decreased due to silt accumulation.
- (b) As per the Hydrographic survey 2008, the gross capacity has come down to 2855.887 Million cubic meter (100.855 TMC). Comparison between the Hydrographic Survey – 2008 and Pre-impoundment survey 1953 reveals a reduction in capacity to the extent of 895.283 Mcum(31.615 TMC) in a time span of 55 years, representing a 23.867% reduction.
- (c) The desiltation of reservoir is not techno-economically viable as it is associated with the problems of disposal of excavated earth and high cost of repeated desiltation.