

**GOVERNMENT OF INDIA  
POWER  
LOK SABHA**

STARRED QUESTION NO:205

ANSWERED ON:17.07.2009

HYDRO POWER GENERATION

Joshi Shri Pralhad Venkatesh;Tandon Shri Lal Ji

**Will the Minister of POWER be pleased to state:**

(a) whether the power generation of various hydro power projects in the country is being affected due to the reduction in water level of the various dams in the country over a period of time;

(b) if so, the details thereof, State-wise;

(c) the number of such projects affected along with the shortfall in power generation caused therefrom during the last three years; and

(d) the efforts being made by the Government to increase the power generation capacity of these projects?

**Answer**

THE MINISTER OF POWER(SHRI SUSHILKUMAR SHINDE)

(a) to (d) : A Statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO. 205 TO BE ANSWERED IN THE LOK SABHA ON 17.07.2009 REGARDING HYDRO POWER GENERATION.

(a) & (b) : Yes, Madam. During April to June, 2009, against the target generation of 27,060 Million Unit (MU) from Hydro Power Stations (above 25 MW), the actual generation was 25,261 MU, which is 93.35% of the target. The Sector/State-wise details of actual hydro generation vis-à-vis target are given at Annex-I.

(c) : The details of generation from the Hydro Power Stations (above 25 MW) in which generation was below the target during 2006-07, 2007-08 & 2008-09 are given at Annex-II.

(d) : Hydro power generation at reservoir based plants mainly depends on the natural factors such as availability of water from rainfall in the catchment area, snow melting during pre- monsoon period and water levels in the reservoir existing at the beginning of the year as well as irrigation requirements/releases. The enhancement in performance of hydro generating units is achieved through renovation, modernization and up-rating of old units whose capacity declines with age.