

**GOVERNMENT OF INDIA  
POWER  
LOK SABHA**

STARRED QUESTION NO:233  
ANSWERED ON:12.03.2010  
HYDRO POWER GENERATION  
Mithlesh Shri ;Singh Shri Ganesh

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

- (a) whether the hydro power projects in the country are generating power as per their generation capacity;
- (b) if so, the details thereof and if not, the reasons therefor;
- (c) the details of the installed hydro capacity and the actual power generation by these projects in the country during each of the last three years and the current year; and
- (d) the steps being taken or proposed to be taken by the Government to promote hydro power generation in the country?

**Answer**

MINISTER OF THE STATE IN THE MINISTRY OF POWER (SHRI SUSHILKUMAR SHINDE)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO. 233 TO BE ANSWERED IN THE LOK SABHA ON 12.03.2010 REGARDING HYDRO POWER GENERATION.

(a) & (b): The utilization of installed capacity of hydro power projects is mainly dependent on availability of water/reservoirs level as well as water release requirements. At present out of a total installed hydro generation capacity of 38,144 MW in the country, generating units of about 620 MW are under shut down due to reasons other than the annual/capital maintenance requirements. The details of these projects, reasons for the closure and their expected date of revival are given at Annex-I.

(c): The installed generating capacity and power generation by hydro electric power stations upto 3 MW during the last three years and the current year are as given below :

Year	Installed Capacity (Mega Watt)	Generation (Million Unit)
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2006-07	34,546	113,359
2007-08	37,002	123,424
2008-09	38,032	113,081
2009-10	38,144	98,450

(April '09-Feb. '10)

(d): The hydro power generation in the country is proposed to be stepped up mainly through new hydro capacity addition. At the end of the 10th Plan, the hydro capacity in the country was approximately 34,546 MW. During the 11th Plan, out of 15,627 MW of hydro capacity (above 25 MW) envisaged to be added, hydro projects aggregating 3,431 MW have already been commissioned and the balance capacity of 12,196 MW is presently under construction. Further, to meet the requirement of additional capacity during the 12th Plan (2012-17), a shelf of 87 candidate hydro projects having aggregate capacity of 20,334 MW has been prepared.

In addition, the steps taken by the Government to promote hydro power generation in the country include the following:

# National Electricity Policy has been announced in February, 2005, lays emphasis on harnessing hydro potential.

# A 50,000 MW hydro electric initiative was launched in 2003.

# The minimum qualifying capacity of hydro power plants to be set up in special category States of J&K, Sikkim and the seven States of North East has been reduced from 500 MW to 350 MW to avail mega project benefits.

# Hydro Power Policy has been notified in March, 2008 to give a boost to hydro power development in the country.