

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

STARRED QUESTION NO:67

ANSWERED ON:25.02.2011

HYDRO POWER GENERATION

Chowdhury Shri Adhir Ranjan;Patil Shri A.T. Nana

Will the Minister of POWER be pleased to state:

- (a) whether despite huge potential of hydro power generation, the desired quantum of power is not being generated from this source in the country;
- (b) if so, the details of the hydro power generation potential identified and exploited in the country at present, State-wise;
- (c) the present status of hydro power generation along with the details of hydro power projects in the country, project-wise and State/UT-wise;
- (d) the total amount of investment/funds invested by the Government in hydro power sector during the last three years and the current year; and
- (e) the details of the steps being taken or proposed to be taken by the Government for augmenting hydro power generation in the country?

Answer

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE)

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

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO. 67 TO BE ANSWERED IN THE LOK SABHA ON 25.02.2011 REGARDING HYDRO POWER GENERATION.

(a) to (c): As per the re-assessment studies made by Central Electricity Authority, the total hydro-power potential in the country is 145320 MW (from hydro schemes having capacity above 25 MW). As on 31.1.2011, the hydro-power capacity developed in the country is 37367.40 MW (above 25 MW) including 4785.6 MW from Pumped Storage Schemes. The details of hydro-power potential excluding pumped storage schemes identified and being exploited at present, State/UT-wise is enclosed at Annex-I. The details of hydro-power projects in the country project-wise and State/UT-wise is given at Annex-II. From these hydro-electric projects, 106.68 billion units (BUs) were generated during 2009-10 and 97.72 BUs in the current financial year up to 31.01.2011.

(d): The capital expenditure incurred by Central Public Sector Undertakings under Ministry of Power in hydro power sector during 2007-08, 2008-09, 2009-10 and 2010-11 (upto 31.01.2011) is given at Annex-III.

(e): The Government has adopted multi-pronged strategy for augmenting hydel capacity addition and hydro power generation in the country. Some of the policy measures and initiatives taken by the Government are finalisation of investor- friendly New Hydro Policy, 2008, 50,000 MW Hydroelectric Initiative, liberal National Rehabilitation and Resettlement Policy, revised Mega Power Project Policy, renovation, modernization and life extension of old hydel generating units, incentives for completion of projects ahead of schedule and for higher generation/availability of plants, etc.