

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

STARRED QUESTION NO:282

ANSWERED ON:13.08.2010

HYDRO POWER PROJECTS

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Will the Minister of POWER be pleased to state:

- (a) the details of the hydro power projects commissioned in the country during the last three years and the current year, project-wise and State-wise;
- (b) whether any slippages in the capacity addition/renovation and modernisation of the hydro power units have been reported during the aforesaid period;
- (c) if so, the details thereof;
- (d) whether the hydro potential both under the run-off river and storage tank schemes have been tapped optimally;
- (e) if so, the details thereof and if not, the reasons therefor; and
- (f) the steps taken by the Government to tap the vast hydro potential resources in the country?

Answer

THE MINISTER OF POWER(SHRI SUSHILKUMAR SHINDE)

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

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (f) OF STARRED QUESTION NO. 282 TO BE ANSWERED IN THE LOK SABHA ON 13.08.2010 REGARDING HYDRO POWER PROJECTS.

(a) : Eleven hydro power projects aggregating 3601 MW have been commissioned in the last three years and the current year (upto 31.07.2010). The details are at Annex-I.

(b) & (c) : There are slippages in the year-wise hydro capacity addition during the above period. Some of the slipped projects have already been commissioned except six projects namely Teesta Low Dam-III, Myntdu-I, Allain Duhangan, Malana-II and part commissioning of Kuttiyadi (Unit-2) & Priyadarshini Jurala (Units 4 & 5). The details are at Annex-II.

As regards Renovation and Modernization of hydro power units, 13 nos. of schemes aggregating to 380 MW have been completed during the above period. The details are at Annex-III. There are slippages in the year-wise Renovation and Modernization schemes during the last three years. Some of the slipped schemes have already been completed except seven schemes namely Dehar Phase-A, Lower Sileru, Srisailam RB, Lingnamakki, Jaldhaka St-I, Koyna St-III and Loktak. The details are at Annex-IV.

(d) & (e) : Central Electricity Authority (CEA) has carried out assessment of hydro-electric potential of the country including both run-of-river (ROR) and storage type of schemes. As per these studies, 845 schemes with probable installed capacity (IC) of 148701 MW have been identified out of which 145320 MW of the potential consists of hydro electric schemes having IC above 25 MW. Of the above identified capacity (above 25 MW), 32247.8 MW (22.19%) has so far been developed and another 14105 MW (9.71%) is under development. However, 68.1% of hydro potential is yet to be developed. The schemes which are under operation and construction include both ROR and storage type hydro electric schemes. These schemes were/are taken up after detailed techno-economic studies ensuring their optimum development. The State-wise details of hydro potential development are given at Annex-V.

(f) : The Government has adopted multi-pronged strategy to harness the hydro potential resources in the country. Some of the Policy measures and initiatives taken by the Government are finalisation of investor-friendly National Hydro Policy, 2008; liberal National Rehabilitation and Resettlement Policy; 50,000 MW Hydroelectric Initiative; three stage clearance procedures; Mega Power Project Policy etc.