

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:1135
ANSWERED ON:05.08.2011
HYDRO POWER GENERATION
Shantha J.

Will the Minister of POWER be pleased to state:

- (a) the details of hydro power generation capacity and its untapped resources in the country, State-wise;
- (b) whether the rivers flowing towards West in the country are having good potential of hydro power generation;
- (c) if so, the details thereof;
- (d) whether the Government has identified certain areas for setting up hydropower generation projects on these rivers; and
- (e) if so, the details thereof and the steps taken by Government to exploit the hydro power generation capacity of these rivers?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI K.C. VENUGOPAL)

(a) : As per the re-assessment studies of hydro-electric potential of the country done by the Central Electricity Authority(CEA) earlier, the hydro power potential in terms of installed capacity(IC) is estimated at 148701 MW out of which 145320 MW of the potential consists of hydro-electric schemes having IC above 25 MW. Of the above identified capacity, 33320.8 MW (22.93%) has so far been developed and another 15130 MW (10.41%) is under development. Thus about 66.66% of the identified potential is yet to be developed. The State-wise details are given at Annex-I.

(b) to (e): A total of 94 hydro electric schemes having 9430 MW (IC) have been identified in the Western flowing river system, out of which 60 hydro schemes are above 25 MW with total IC of 8997 MW. The list of the hydro electric schemes identified for hydro power generation on West flowing rivers is given at Annex-II.

Out of the identified capacity of 8997 MW, a total capacity of 5660.7 MW (62.92%) have been developed and 100 MW (1.56%) is under construction. Further, Gundia-I H.E. Project (200 MW) has been cleared by CEA. The details of the hydro schemes developed and under construction is given at Annex-III. The Government has adopted multi-pronged strategy to harness the hydro potential of these rivers. Some of the Policy measures and initiatives, taken by the Government are finalization of investor-friendly National Hydro Policy, 2008, Liberal National Rehabilitation and Resettlement Policy, National Water Policy, 50,000 MW Hydroelectric Initiative and Three stage clearance procedures etc.