GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:851
ANSWERED ON:08.08.2013
SHORTFALL IN POWER GENERATION DUE TO WATER SHORTAGE
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Will the Minister of POWER be pleased to state:

(a) whether scarcity of water has resulted in shortfall in power generation by various power projects in different States;

(b) if so, the details thereof along with the shortfall in power generation from various hydro power projects during the summer period, project/State-wise;

(c) whether the Government has conducted any study to ascertain the performance of various hydro power projects vis-a-vis production of power therefrom;

(d) if so, the details thereof and if not, the reasons therefor; and

(e) the corrective measures taken/being taken by the Government in this regard?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER (SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b): No, Madam. During 2013-14 (upto 30.07.2013), the hydel power generation in this country was 46442.34 MU as against the target of 43903.40 MU i.e. an increase of 2538.94 MU. However, actual hydel generation was less as compared to the target in some hydro power projects. The details of such hydro power projects are given at Annex.

(c) & (d) : The performance of hydro-electric projects are evaluated by assessing their average operating availability, forced and planned outages and the actual production of power vis-Ã -vis the targets fixed for various Hydro Stations. Review of performance of Hydro Power Stations is brought out by Central Electricity Authority (CEA) incorporating all above information. In addition to above the reservoir levels of Major Storage based schemes is also monitored regularly by CEA.

(e) : The generation from hydro power station depends on the inflow due to rainfall in the catchment area and snowmelt (Himalayan Rivers) and the available storages. The generation will be generally less if there is shortfall in rainfall in catchment area. Any shortage in hydro generation is compensated by increasing generation from thermal power stations.