

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:4054
ANSWERED ON:21.03.2013
HYDRO POWER GENERATION
Singh Shri Dhananjay

Will the Minister of POWER be pleased to state:

- (a) the details of electricity generated from various Hydro Power Projects vis-a-vis their installed capacity, project and State-wise during each of the last three years;
- (b) whether the electricity generated therefrom have shown a declining trend over the years;
- (c) if so, the details thereof and the reasons therefor; and
- (d) the details of power generated from the Hydro Power Projects during peak hours, given that the generation of peaking power is supposed to be the Unique Selling Proposition of these projects?

Answer

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

- (a) The State-wise and project-wise details of electricity generation from various Hydro Power projects vis-à-vis their installed capacity (above 25 MW), during each of the last three years i.e. 2009-10 to 2011-12 is given at Annex.
- (b) & (c) The total electricity generated from hydro power projects during 2009-10, 2010-11 and 2011-12 were 1,03,916.27 MU, 1,14,257.36 MU and 1,30,509.52 MU respectively and hence it has not shown a decline trend over the last three years.
- (d) The Unique Selling Proposition (USP) of reservoir based hydro projects is that their generation can be scheduled as per peak demand of the grid. The details of power generated from the Hydro Power projects during peak hours, for the last three years is given below:

All India Average Hydro Generation (MW) at 1900 hrs (Peak hour)

Month/Year	2009-10	2010-11	2011-12
------------	---------	---------	---------

April	11436	11511	12936
-------	-------	-------	-------

May	9994	12090	13815
-----	------	-------	-------

June	11855	13201	16049
------	-------	-------	-------

July	14468	14789	19396
------	-------	-------	-------

August 16994 17816 23305

September 19074 23058 28546

October 18957 20258 23590

November 16390 19152 19995

December 15592 17139 17322

January 14553 16250 16936

February 14436 16162 15933

March 12808 14835 15028