

GOVERNMENT OF INDIA

MINISTRY OF POWER

RAJYA SABHA

QUESTION NO 06.12.2010

ANSWERED ON

POWER GENERATION FROM HYDRO POWER PROJECTS .

2918

Shri Natuji Halaji Thakor

Will the Minister of COALPOWER be pleased to state :-

- (a) whether hydro power projects are generating power as per their generation capacity and fixed targets;
- (b) if so, the details thereof and if not, the reasons therefor;
- (c) the details of the installed hydro power capacity and the actual power generation by these projects during each of the last three years and the current year; and
- (d) the steps being taken or proposed to be taken by Government to promote hydro power generation in the country and to meet vision 2020?

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI BHARATSINH SOLANKI)

(a) & (b):The hydro power projects in the country except few are generating power as per their generation capacity and fixed target. The reasons of the hydro power projects which are not generating power as per their generation capacity are given below:

Name of the projects	Reason for the Closure	Expected date of return
Rihand (6x50 MW)	Unit-IV & V of 50 MW each under shutdown since Nov., 2008 & March, 2007 respectively due to renovation & modernization works.	2010-11
Jaldhaka-I(3x9 MW)	All the three units of 9 MW each under shutdown since 08.12.2007 due to renovation & modernization works.	2010-11
Sabarigiri(6x50 MW)	On 16.05.2008, Unit-IV exploded from the top, with severe fire damaging the whole unit. Rebuilding of Unit-IV awarded on 16.11.2009 and the likely completion date is 31.10.2011.	2011-12
Periyar TNEB(4x35 MW)	Unit No.-I Renovation & Modernization works	2010-11
Bassi (4x15 MW)	Unit No.-III Renovation & Modernization works	2010-11
Bhakra (1325 MW)	Unit-II of 108 MW under shutdown since 26. 04.2010 due to work for uprating capacity.	2010-11
Ganguwal(77.65 MW)	Unit-II of 24.2 MW under shutdown since 20. 04.2010 due to Runner blade broken.	2010-11

(c) :The details of hydro power generation (having station capacity above 25 MW) in the country during last

three years & current year is given below:

Year	Target (MU)	Achievement (MU)	Achievement/Target (%)
2007-08	105896.40	119805.64	113.1
2008-09	114841.00	109839.86	95.65
2009-10	115358.00	103916.27	90.08
2010-11(upto Oct., 2010)	74624.39	76077.34	101.92

The project wise detail of hydro power Generation Performance of Hydro stations for the last 3 years and current year (upto Oct., 2010) is given in Annex.

(d) :As per the Mid-Term Appraisal, capacity addition target for 11th Plan is 62,374 MW comprising 8,237 MW hydro, 50,757 MW thermal and 3,380 MW nuclear. Capacity totaling to 29,361 MW including 3921 MW of hydro has already been commissioned till 15.11.2010 during 11th Plan. Further, a tentative list of 17,315 MW (above 25 MW) of hydro projects has been prepared for benefits during the 12th Plan.

Some of the measures taken to accelerate hydro power capacity addition in the country include expediting preparation of Detailed Project Reports based on economic viability, streamlining clearances for pursuing priority projects, facilitating early financial closure and high priority to smaller capacity run of the river type hydro projects having gestation period of less than five years.

A number of steps have also been taken to improve the power situation in the country. These include augmentation of manufacturing capacity of BHEL from 10,000 MW in December, 2007 to 20,000 MW by 2012; periodic review of issues related to supply of power equipment from BHEL by a Group under the chairmanship of Secretary (Heavy Industry); formation of several new joint ventures to manufacture supercritical boilers and turbine- generators for thermal power plants; bulk ordering of 11 units of 660 MW each with supercritical technology with mandatory phased indigenous manufacturing programme to promote indigenous manufacturing; sensitization of stakeholders to enlarge the vendors base to meet Balance of Plants requirements; rigorous monitoring of projects at different levels including by Ministry of Power, Central Electricity Authority, Power Project Monitoring Panel and Advisory Group under the chairmanship of Minister of Power; and introduction of web-based monitoring system.