

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:4403

ANSWERED ON:20.02.2014

NHPC POWER PROJECTS

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Will the Minister of POWER be pleased to state:

- (a) the details of hydro power projects constructed/under construction and their installed capacities, State-wise;
- (b) the power being generated by each of the hydel power projects along with thereasons for under utilisation of the installed capacity and the steps being taken by the Government to improve the efficiency of hydro power projects for generation of power as per their installed capacity;
- (c) the total expenditure incurred on setting up of each of the power projects of the national Hydro Power Corporation Limited (NHPC) including in Karnataka and the depreciated book value of each of these power projects as on date, project-wise;
- (d) the terms under which the land used for these projects were acquired and the details of the compensation paid to the land losers in this regard, project-wise;
- (e) the details of the improvement/modernisation carried out to increase the output of various hydel power projects and the funds allocated and spent for the purpose during each of the last three years and the current year, State- wise; and
- (f) whether various hydro power projects with a combined capacity of 40,000 Mega Watt allotted to the private sector in various States are yet to take off and if so, the details thereof along with the reasons for delay project- wise?

Answer

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

(a) & (b) : The details of hydro-electric projects (HEPs) constructed and their installed capacities, State-wise, along with their generation capacity is given at given Annex-I.

The details of under construction HEPs and their installed capacity is given at Annex-II.

(c) : Details of total expenditure incurred on setting up of each of NHPC`s power projects (Power Stations / under construction projects) and depreciated book value of these power stations as on 31.12.2013, are given at Annex-III.

(d) : In NHPC, various categories of land viz. forest, government and private have been acquired for construction of the HEPs. Private land is acquired by the State Govt. in accordance with the provisions of Land Acquisition Act (LAA) of the Central Government. For the forest land, Forest clearance is obtained under Forest (Conservation) Act, 1980 from the Ministry of Environment and Forests. As per condition, the status of the forest land remains unchanged. In some cases, land is also taken on lease in accordance with the rules of the State viz., J&K. The rate at which compensation for private land is provided is decided/approved by the concerned State Government Revenue Authority as per land classification. The value of compensation depends upon type of land (irrigated / un-irrigated / homestead / horticultural, etc). Moreover, a solatium amounting to 30% of the total value / as decided by the State is also paid. The monetary benefits under compensation for private land are disbursed by the Revenue Department of the State Government to the project affected people.

(e) : To increase the output from various hydel power projects, the generating utilities in the country undertake Renovation, Modernisation, Uprating and Life Extension (RMU&LE) works in the existing old hydro electric power projects, which is a cost effective measure to improve efficiency & better availability, extend operational life in case of life extension works and capacity addition in case of uprating works. The details of estimated cost and expenditure incurred for Renovation and Modernisation of hydro power projects completed/under implementation during last three years and current year is given, state-wise, at Annex-IV.

(f) : DPRs of 20 Nos. of HEPs with an aggregate installed capacity of 14680 MW have been concurred by CEA in private sector since 2002-03 and they are under various stages of statutory clearances/concurrence, causing delays in construction.