

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:1499
ANSWERED ON:11.12.2003
HYDRO ELECTRIC GENERATION BY NHPC
TRILOCHAN KANUNGO

Will the Minister of POWER be pleased to state:

- (a) whether NHPC has identified for Hydro Electric Generation, State-wise;
- (b) the details of project have been undertaken so far completed and new projects during Tenth Plan period, State-wise;
- (c) whether any Hydro project has been undertaken in Orissa;
- (d) if not, the reasons therefor;
- (e) whether any hydro electric project has been taken up by NHPC in collaboration with NTPC;
- (f) if so, the details thereof;
- (g) whether any hydro project independently taken up by NTPC; and
- (h) if so, the details of such projects?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER(SHRIMATI JAYAWANTI MEHTA)

(a) : Details of the projects identified for execution by National Hydroelectric Power Corporation (NHPC) are given in Annexure-I.

(b) : Details of the projects executed by NHPC till date are given below :

Sl. No. Projects Installed Capacity (MW) Year of Commissioning

1. Baira Siul (H.P.) 180 1981

2. Loktak (Manipur) 105 1983

3. Salal-I (J&K) 345 1987

4. Tanakpur (Uttaranchal) 120 1992

5. Chamera-I (HP) 540 1994

6. Salal-II (J&K) 345 1996

7. Uri (J&K) 480 1997

8. Rangit (Sikkim) 60 1999

9. Chamera-II (H.P.)+ 200 2003

Total 2375

+ One Unit has been commissioned and is in commercial operation w.e.f. 2.11.2003. Second Unit commissioned on 5.12.2003 and 3rd Unit will be commissioned shortly.

The projects proposed to be undertaken during the 10th Plan period are given in Annexure-II.

(c) & (d) : No project of Orissa has so far been taken up by NHPC.

The Government of Orissa had expressed their intention to develop Chiplima-B (200 MW) and Sindol HE Project, Stage-I, II & III (320 MW) under Central Sector through NHPC with the condition that NHPC has to ensure that no area is submerged and no family is affected by execution of these projects. Government of Orissa have not responded to NHPC's letter wherein it was clarified that submergence and displacement of people cannot be totally eliminated in development of hydro projects, especially for projects having large submergence area and moderate density of population.

(e) & (f) : No, Sir.

(g) & (h) : Yes, Sir. National Thermal Power Corporation Ltd. (NTPC) is presently implementing the Kol Dam Hydro Electric Project (800 MW) in Himachal Pradesh.

ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO.1499 TO BE ANSWERED IN THE LOK SABHA ON 11.12.2003.

Details of the projects identified for execution+ by NHPC

Sl.No.	Name of the project	State	Capacity (MW)
1	Subansiri Lower	Arunachal Pradesh	2000
2	Subansiri Middle	Arunachal Pradesh	1600
3	Subansiri Upper	Arunachal Pradesh	2000
4	Siang Middle	Arunachal Pradesh	1000
5	Dibang	Arunachal Pradesh	3000
6	Siang Lower	Arunachal Pradesh	1700
7	Siang Upper	Arunachal Pradesh	11000
8	Chamera-II	Himachal Pradesh	300
9	Parbati-II	Himachal Pradesh	800
10	Parbati-III	Himachal Pradesh	520
11	Chamera-III	Himachal Pradesh	231
12	Koel Karo	Jharkhand	710
13	Dulhasti	Jammu & Kashmir	390
14	Sewa-II	Jammu & Kashmir	120
15	Uri-II	Jammu & Kashmir	240
16	Bursar	Jammu & Kashmir	1020
17	Pakal Dul	Jammu & Kashmir	1000
18	Nimoo Bazgo	Jammu & Kashmir	45
19	Chutak	Jammu & Kashmir	30
20	Kishanganga	Jammu & Kashmir	330
21	Upper Krishna Projects	Karnataka	810
22	Bav-II	Maharashtra	37
23	Bav-I	Maharashtra	18
24	Devade	Maharashtra	6
25	Indira Sagar	Madhya Pradesh	1000
26	Omkareshwar	Madhya Pradesh	520
27	Loktak Downstream	Manipur	90
28	Teesta-V	Sikkim	510
29	Dhauliganga-I	Uttaranchal	280
30	Lakhwar Vyasi	Uttaranchal	420
31	Kotli Bhel	Uttaranchal	850
32	Teesta Low Dam St.III	West Bengal	132
33	Teesta Low Dam St.-IV	West Bengal	168++
34	Purulia Pumped Storage	West Bengal	900

+ Actual execution would depend upon obtaining of requisite permissions/clearances, technical & economic viability etc.

++ The installed capacity as submitted in DPR is 160 MW.

ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO.1499 TO BE ANSWERED IN THE LOK SABHA ON

11.12.2003.

Details of the projects identified for implementation by NHPC during the 10th Plan.

Sl.No. Name of the project State Capacity (MW)

On-going projects

1	Dulhasti	Jammu & Kashmir	390	
2	Chamera-II	Himachal Pradesh		300
3	Dhauliganga-I	Uttaranchal	280	
4	Teesta-V	Sikkim	510	
5	Sewa-II	Jammu & Kashmir		120
6	Teesta Low Dam	West Bengal	132	

St.III

New Projects

7	Teesta Low Dam	West Bengal	168+	
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St.IV

8	Bav-II	Maharashtra	37	
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Joint Venture Projects

9	Indira Sagar	Madhya Pradesh	1000	
10	Omkareshwar	Madhya Pradesh	520	
11	Purulia Pumped Storage	West Bengal	900	

+ The installed capacity as submitted in DPR is 160 MW