

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:4112
ANSWERED ON:10.04.2003
HYDEL POWER PROJECTS IN COUNTRY
KAMBALAPADU E. KRISHNAMURTHY;T.T.V. DHINAKARAN

Will the Minister of POWER be pleased to state:

- (a) whether any survey has been done about the longevity of the hydel power projects in the country in view of the shrinking water resources;
- (b) if so, the details thereof;
- (c) the steps taken to identify new hydel projects in the country;
- (d) the funds sanctioned by the Union Government for hydel power projects, State-wise; and
- (e) the details of funds sanctioned to Andhra Pradesh, area-wise?

Answer

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

- (a) No specific survey in relation to shrinking water resources has been carried out.
- (b) Does not arise.
- (c) A basin wise 'Ranking Study' of the balance hydro-electric potential which is yet to be harnessed has been carried out by the Central Electricity Authority to identify projects which could be taken up on priority in an appropriate sequence. After discussions with the State Governments, 162 schemes of an installed capacity of 50,650 MWhave been selected for preparation of Pre-Feasibility Reports.
- (d) & (e) The latest approved cost of various ongoing Central Sector hydro electric projects located in various States is given in Annexure - I. Power Finance Corporation has also provided funds for hydro generation projects invarious States including Andhra Pradesh. State-wise details are given in Annexure-II.

ANNEX-I

ANNEX. REFERRED TO IN REPLY TO PARTS (d)&(e) OF UNSTARRED QUESTION NO.4112 TO BE ANSWERED IN THE LOK SABHA ON 10.4.2003.

HYDEL POWER PROJECTS IN COUNTRY ONGOING CENTRAL SECTOR HYDRO-ELECTRIC PROJECTS

Sl. No.	Name of the Project [Rs. Lakhs]	State	Capacity	Sanctioned Cost
CENTRAL SECTOR				
1	Dhauliganga St.I [NHPC]	Uttaran chal	4x70	60198 [12/98]
2	Chamera-II (NHPC)	Himachal Pradesh	3x100	168402 (08/98)
3	Dulhasti (NHPC)	Jammu & Kashmir	3x130	126297
4	Teesta V (NHPC)	Sikkim	3x170	219804 (04/99)
5	Indira Sagar [Narmada Sagar]	Madhya Pradesh	8x125	119012 [12/88]
6#	Purulia PSS	West Bengal	4x225	145656 [09/91]
7	Nathpa Jhakri [NJPC]	Himachal Pradesh	6x250	167802
8	Tehri Stage-I [THDC]	Uttaran chal	4x250	339140 [03/93]
9	Koteshwar [THDC]	Uttaran chal	4x100	130156 [10/99]
10	Kopili Extension.II [NEEPCO]	Assam	1x25	7609
11	Tuirial [NEEPCO]	Mizoram	2x30	36872 [06/97]

12	Loktak D/S [NHPC]	Manipur	3x30	57862 [04/99]
13	Parbati Stage-II [NHPC]	Himachal Pradesh	4x200	391959 [12/2001]
14	Kol Dam [NTPC]	Himachal Pradesh	4x200	452715 [12/2001]

Proposed to be taken up in Central Sector.
Presently being executed in State Sector.

ANNEX-II

ANNEX.REFERRED TO IN REPLY TO PARTS (d) & (e) OF UNSTARRED QUESTION NO.4112 TO BE ANSWERED IN THE LOK SABHA ON 10.4.2003.

State-wise Funding for Hydro Generation Projects as on 31.03.2003

State	Scheme Name	Rs. in Crores
ANDHRA PRADESH	SRISAILAM LB HEP [6x150 MW]	28.45
	CPF FOR SRISAILAM LB HEP [6x150 MW]	110.00
	SINGUR HYDRO-ELECT. POWER PROJECT	16.00
	UPPER SILERU II HEP	6.60
	State Total	161.05
ARUNACHAL PRADESH	RANGANADI HEP [3x135 MW]	250.87
	TAGO MICRO 1.49	
	State Total	252.36
BIHAR	EASTERN GANDAK 1.23	
	SONE CANAL 5.84	
	State Total	7.07
HARYANA	WESTERN YAMUNA CANAL STG-II	23.73
	State Total	23.73
HIMACHAL PRADESH	2x43 MW MALANA HEP	25.00
	BANER [3x4 MW] HEP	16.56
	BASPA-II HEP [3x100 MW]	170.00
	GAJ [3x3.5 MW] HEP	19.21
	GHANVI HEP	61.50
	LARJI HEP [3x42 MW]	375.04
	NATHPA JHAKRI HEP [6x250 MW]	1118.00
State Total	1785.31	
JAMMU & KASHMIR	CHENANI STG-III HEP [3x2.5 MW]	6.26
	SEWA STG-III HEP [3x3 MW]	7.06
	UPPER SINDH HEP [3x35 MW]	47.46
	State Total	60.78
KARNATAKA	ALMATI DAM POWER HOUSE	99.41
	BHADRA RIGHT BANK CANAL	11.00
	GHATA PRABHA [KPCL] HEP	4.00
	KODASALLI DAM P/H UNDER KHEPS	50.00
	MALLAPUR MINI HYDEL [2x4.5 MW]	2.35
	SHARAVATHI TAIL RACE HYDRO	178.46
	VARAHI HEP [KPCL]	12.00
State Total	357.23	
KERALA	LOWER PERIYAR HEP [3x60 MW]	9.00
	PORINGALKUTHU HEP	6.29
	State Total	15.29
MADHYA PRADESH	BANSAGAR HEP	194.16
	BIRSINGHPUR HEP	1.70
	HASDEO-BANGO HEP	4.96
	MAHESHWAR HYDEL PROJECT	99.33
	MARHIKHEDA [MOHINI] HEP [2x20MW]	8.32
	RAJGHAT HEP [3x15 MW]	11.17
State Total	319.64	
MIZORAM	KAU-TLABUNG SMALL HEP	3.43
	TEIRI SMALL HEO [3x1 MW]	5.00
	TUIPANG LUI SMALL HEP	3.60
	State Total	12.03
NAGALAND	ADDITIONAL RTL TO DOYANG HEP	50.85
	BRIDGE LOAN FOR DOYANG HEP	40.00
	HORANGKI HEP	5.50
	LIKIMRO HEP	71.48
	TELANGSAO MINI HEP	5.55
	TSUTHA MINI HEP	1.24

	State Total	174.61
ORISSA	UPPER INDRAVATI HEP	320.00
	State Total	320.00
PUNJAB	RANJIT SAGAR DAM MULTIPURPOSE	340.00
	UBDC-II HEP	8.00
	State Total	348.00
SIKKIM	MYONG CHU MINI HEP	6.50
	UPPER RONGNICHU HEP	6.00
	State Total	12.50
TAMIL NADU	ALIYAR SMALL HEP	5.00
	BHAVANI-KATTALAI HEP [2x15	24.57
	MW]	
	LOWER BHAWANI RBC PROJECT	1.50
	MUKURTHY MINI HEP	2.50
	PERUNCHANI DAM MINI HEP	3.50
	THIRUMURTHY DAM MINI HEP	6.00
	State Total	43.07
UTTAR PRADESH	4x100 MW VISHNUPRAYAG HEP	100.88
	State Total	100.88
UTTARANCHAL	MANERIBHALI STG-II [4x76 MW]	146.82
	TEHRI DAM HEP STG-I [4x250	824.62
	MW]	
	State Total	971.44
	Grand Total	4964.99