

**GOVERNMENT OF INDIA  
POWER  
LOK SABHA**

UNSTARRED QUESTION NO:5222  
ANSWERED ON:29.04.2005  
POOYAMKUTTY HYDRO POWER PROJECT  
Karunakaran Shri P.

**Will the Minister of POWER be pleased to state:**

- (a) the number of Hydro power projects commissioned during each of the last three years till date, State-wise;
- (b) the details and number of the ongoing power projects, State-wise;
- (c) whether the Government of Kerala has project reports with regard to Pooyamkutty Hydro Power Project; and
- (d) if so, the details thereof and the decision taken by the Government thereon?

**Answer**

THE MINISTER OF POWER( SHRI P.M. SAYEED )

(a) : The list of Hydro power projects commissioned in the last three years, State-wise is enclosed at Annexure-I.

(b) : The details and number of ongoing hydro power projects, State-wise is enclosed at Annexure-II.

(c) & (d) : The Pooyamkutty (actually named as Puyankutty) Hydro-electric Project (2x120 MW) was cleared by the Central Electricity Authority in January, 1984 at an estimated cost of Rs. 250 crores. The project was also sanctioned by the Planning Commission in August, 1986 subject to clearance from the forest angle. The Ministry of Environment and Forests (MOEF) rejected the proposal in January, 1991 as the project was located in the prime forest area of the Western Ghats. The Project was again reviewed by Ministry of Environment and Forests in 1996 and was rejected by them on the ground of 'adverse ecological impact'. On recommendations of an Expert Committee, the State Government had been asked to carry out studies pertaining to (i) Environment Impact Assessment, (ii) Social Impact Assessment, (iii) Social and Environmental cost-benefit analysis; and (iv) Engineering Evaluation.

The Tropical Botanical Garden Research Institute (TBGRI) at Palode was entrusted with the task of assessment of the ecologically sustainable optimum submergence level by the State Electricity Board. TBGRI carried out the studies and submitted its report to Kerala State Electricity Board (KSEB) in July, 2003. As informed by KSEB, the Engineering Evaluation, Social Impact Assessment and Social and Environmental Cost Benefit Analysis will require recasting. The Detailed Project Report would also need to be modified by KSEB in view of the change in project components based on the report of Tropical Botanical Garden Research Institute (TBGRI) report submitted to KSEB. The detailed DPR of the project is under preparation by KSEB.

**ANNEXURE-I**

**ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO.5222 TO BE ANSWERED IN THE LOK SABHA ON 29.04.2005.**

Hydro power projects commissioned during the last three years

S1. Name of Project/ State/ No. Organization	Unit No.	Capacity (MW)
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Nos. x Size = Capacity MW,  
Sector

Units commissioned during the year 2002-03

1. Bansagar Tons PH-III Madhya Pradesh / MPEB 3x20=60 MW, State Sector	3	20
2. Bansagar Tons PH-II Madhya Pradesh./ MPEB 2x15=30 MW, State Sector	2	15
3. Srisaillam LBPH Andhra Pradesh / APGENCO 6x150=900 MW, State Sector	4 5	150 150
4. Sardar Sarovar CHPH Gujarat / SSNL 5x50=250 MW, State Sector	2 3	50 50

5.	Baspa H.E. Project	1	100
	Himachal Pradesh / JPHPL	2	100
	3x100= 300 MW, Private Sector		
	Total (8 Units)		635 MW

Units commissioned during the year 2003-04

6.	Chamera Stage-II	1	100
	Himachal Pradesh / NHPC	2	100
	3x100= 300 MW, Central Sector	3	100
7.	Nathpa Jhakri	6	250
	Himachal Pradesh / SJVNL	5	250
	6x250= 1500 MW, Central Sector	4	250
		3	250
		2	250
		1	250
8.	Kopili St. II	1	25
	Assam / NEEPCO		
	1x25= 25 MW, Central Sector		
9.	Indira Sagar	1	125
	Madhya Pradesh./ NHDC (JV NHPC)	2	125
		3	125
	8x125= 1000 MW, Central Sector	4	125
10.	Srisaillam LBPH	6	150
	Andhra Pradesh / APGENCO		
	6x150=900 MW, State Sector		
11.	Almatti Dam	1	15
	Karnataka / KPCL		
	1x15+5x55= 290 MW, State Sector		
12.	Baspa H.E. Project	3	100
	Himachal Pradesh / JPHPL		
	3x100= 300 MW, Private Sector		
	Total (17 Units)		2590 MW

Units commissioned during the year 2004-05

13.	Indira Sagar	5	125
	Madhya Pradesh / NHDC (JV NHPC)	6	125
		7	125
	8x125= 1000 MW, Central Sector	8	125
14.	Sardar Sarovar CHPH	1	50
	Gujarat / SSNL	4	50
	5x50=250 MW, State Sector	5	50
15.	Almatti Dam	2	55
	Karnataka / KPCL	3	55
	1x15+5x55= 290 MW, State Sector	4	55
16.	Sardar Sarovar RBPH	1	200
	Gujarat / SSNL		
	6x 200 MW, State Sector		
	Total ( 11 Units)		1015 MW
	Grand Total		4240 MW

#### ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO.5222 TO BE ANSWERED IN THE LOK SABHA ON 29.04.2005.

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#### STATE-WISE DETAILS OF ONGOING HYDROPOWER PROJECTS

##### A. Ongoing hydro power projects under execution.

Sector, State	Project Name	Installed Capacity ( MW )
Central Sector		
Arunachal Pradesh	1. Kameng	600
	2. Subansiri Lower	2000
Himachal Pradesh	3. Parbati St-II	800
	4. Koldam	800

Jammu & Kashmir	5. Dulhasti	390
Jammu & Kashmir	6. Sewa-II 120	
Madhya Pradesh	7. Omkareshwar 520	
Sikkim	8. Teesta St - V 510	
Uttaranchal	9. Dhauliganga 280	
	10. Koteshwar 400	
	11. Tehri St. I 1000	
West Bengal	12. Teesta Low Dam-III 132	
	Sub-Total :	7522 MW

State Sector

Andhra Pradesh	13. Priyadarshini Jurala 78	156
Assam	14. Karbi Langpi	100
Gujarat	15. Sardar Sarovar RBPH	1000
Himachal Pradesh	16. Larji 126	
	17. Uhl - III 100	
Jammu & Kashmir	18. Baglihar-I	450
Karnataka	19. Almatti Dam	110
Kerala	20. Kuttiyadi Addl. Ext. 100	
Madhya Pradesh	21. Madhikheda	40
	22. Bansagar Tons PH-IV	20
Maharashtra	23. Ghatghar PSS	250
Meghalaya	24. Myntdu	84
Orrisa	25. Balimela Ext.	150
Tamil Nadu	26. Bhawani Barrage -I 30	
	27. Pykara Ultimate	150
Uttaranchal	28. Maneri Bhali - II 304	
West Bengal	29. Purulia PSS 900	
Sub Total:		4148 MW

Private Sector

Uttaranchal	30. Vishnu Prayag	400
	Sub-Total :	400 MW

Total : = 30 projects 12100 MW

B. Projects under Hold / Award / Works yet to commence

Sector, Project Name Installed Capacity  
State ( MW )

Central Sector

Manipur	1. Loktak D/s 90	
Mizoram	2. Tuirial 60	
	Sub Total:	150

MW

State Sector

Himachal Pradesh	3. Kashang I	66
Karnataka	4. Varahi Extn 230	
Orissa	5. Balimela Dam Toe PH 60	
Tamil Nadu	6. Bhawani Barrage -II 30	
	7. Bhawani Barrage -III 30	
Uttaranchal	8. Lakhwar Vyasi 420	
	Sub Total:	836 MW

Private Sector

Himachal Pradesh	9. Allain Duhangan	192
	10. Karcham Wangtoo	1000
	11. Dhamvari Sunda	70
Madhya Pradesh	12. Maheshwar	400
Uttaranchal	13. Srinagar	330

Sub Total: 1992  
MW  
Total = 13 projects 2978 MW

Grand Total (A + B) = 12100 + 2978 MW = 15078 MW