

**GOVERNMENT OF INDIA  
POWER  
LOK SABHA**

UNSTARRED QUESTION NO:5176  
ANSWERED ON:29.04.2005  
THERMAL AND HYDRO POWER GENERATION  
Kalmadi Shri Suresh

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

- (a) whether the cost of power generation through the Hydro-electric Power Projects is cheaper in comparison to power generation through the Thermal Power Projects;
- (b) if so, the facts thereof and the average cost of power generated from both the sectors separately, State-wise;
- (c) the quantum of power being generated from these sectors in the country at present State-wise; and
- (d) the reasons for low power generation from the Hydro-electric Power Sector?

**Answer**

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

(a) : The cost of power generation by Hydro Electric Power Stations is generally cheaper in comparison to power generation by thermal power stations.

(b) : The information is being collected and will be laid on the table of the House.

(c) : The quantum of power generated from thermal, hydro and nuclear power stations during 2004-05 is given in Annexure.

(d) : The actual generation from hydro electric power stations in the country during 2004-05 has been more than the target. As against generation target of 84000 million units (MUs), actual generation has been 84497 MUs.

**ANNEXURE**

ANNEXURE REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO.5176 TO BE ANSWERED IN THE LOK SABHA ON 29.04.2005.

QUANTAM OF POWER BEING GENERATED FROM THERMAL/HYDRO/NUCLEAR PROJECTS FOR THE YEAR 2004-2005- STATE WISE ( FIGURE IN MILLION UNITS)

STATE	SECTOR	2004-05#		
TH	HY	NUC.	TOTAL	
DELHI	STATE		5711.52	5711.52
CENTRAL		5464.1		5464.1
TOTAL		11175.62		11175.62
J.&.K.	STATE	23.74	686.98	710.72
CENTRAL		5658.09	5658.09	
TOTAL		23.74	6345.07	6368.81
H.P.	STATE	1274.32		1274.32
CENTRAL		13277.78		13277.78
PVT		1462.85		1462.85
TOTAL		16014.95		16014.95
HARYANA	STATE	6878.57	288.66	7167.23
CENTRAL		3161.43	0	3161.43
TOTAL		10040	288.66	10328.66

RAJASTHAN STATE 17472.44 937.88 18410.32  
CENTRAL 2784.35 4572.81 7357.16  
TOTAL 20256.79 937.88 4572.81 25767.48

PUNJAB STATE 14388.08 3356.7 17744.78  
CENTRAL 4339.32 4339.32  
TOTAL 14388.08 7696.02 22084.1  
U.P. STATE 19701.9 1169.33 20871.23  
CENTRAL 50321 2759.19 53080.19  
TOTAL 70022.9 1169.33 2759.19 73951.42

UTTARANCHAL STATE 3118.02 3118.02  
CENTRAL 496.84 496.84  
OTAL 0 3614.86 3614.86  
N.REGION STATE 64176.25 10831.89 75008.14  
CENTRAL 61730.88 23772.03 7332 92834.91  
PVT 1462.85 1462.85  
TOTAL 125907.13 36066.77 7332 169305.9  
GUJARAT STATE 28305.47 1088 29393.47  
CENTRAL 6863.51 0 2512.43 9375.94  
PVT 12820.56 0 12820.56  
TOTAL 47989.54 1088 2512.43 51589.97  
STATE 47046.45 3993.67 51040.12  
CENTRAL 2586.72 2586.72  
PVT 13950.3 1441.41 15391.71  
TOTAL 60996.75 5435.08 2586.72 69018.55

MAHARASTRA STATE 47046.45 3993.67 51040.12  
CENTRAL 2586.72 2586.72  
PVT 13950.3 1441.41 15391.71  
TOTAL 60996.75 5435.08 2586.72 69018.55

M.P. STATE 14349.24 2226.22 16575.46  
CENTRAL 17813.09 1351.18 19164.27  
PVT 29.75 29.75  
TOTAL 32162.33 3607.15 35769.48

CHATTSGARH STATE 7918.1 388.21 8306.31  
CENTRAL 17048.98 0 17048.98  
TOTAL 24967.08 388.21 25355.29

W. REGION STATE 97619.26 7696.1 105315.36  
CENTRAL 41725.58 1351.18 5099.15 48175.91  
PVT 27106.7 1471.16 28577.86  
TOTAL 166451.54 10518.44 5099.15 182069.13  
A.P. STATE 25347.62 5817.17 31164.79  
CENTRAL 25279.45 0 25279.45  
PVT 6169.67 0 6169.67  
TOTAL 56796.74 5817.17 62613.91  
KARNATAKA STATE 10989.96 8754.78 19744.74  
CENTRAL 2926 2926  
PVT 1426.91 169.44 1596.35  
TOTAL 12416.87 8924.22 2926 24267.09

KERALA STATE 296.91 6070.66 6367.57  
CENTRAL 610.28 0 610.28  
PVT 127.45 70.58 198.03  
TOTAL 1034.64 6141.24 7175.88

TAMIL NADU STATE 22004.91 4425.49 26430.4  
CENTRAL 16741.04 0 1480.44 18221.48  
NUC 1480.44  
PVT 3270.42 0 3270.42  
TOTAL 42016.37 4425.49 1480.44 47922.3

PONDICHARY	STATE	275.52		275.52
LAKSHADWEEP	STATE	23.78		23.78
S.REGION	STATE	58938.7	25068.1	84006.8
	CENTRAL	42630.77	0	4406.44
	PVT	10994.45	240.02	11234.47
	TOTAL	112563.92	25308.12	4406.44
				142278.48
BIHAR	STATE	154.53	47.4	201.93
	CENTRAL	6082.79	0	6082.79
	TOTAL	6237.32	47.4	6284.72
JHARKHAND	STATE	2069.74	150.79	2220.53
	CENTRAL	4356.99	148.57	4505.56
	PVT	816.24		816.24
	TOTAL	7242.97	299.36	7542.33
ORISSA	STATE	3163.44	6869.63	10033.07
	CENTRAL	19442.22	0	19442.22
	PVT	1095.34	0	1095.34
	TOTAL	23701	6869.63	30570.63
WEST BENGAL	STATE	17080.04	509.01	17589.05
	CENTRAL	15908.62	114.29	16022.91
	PVT	7252.08	0	7252.08
	TOTAL	40240.74	623.3	40864.04
SIKKIM	STATE	0.16	58.67	58.83
	CENTRAL	0	369.7	369.7
	TOTAL	0.16	428.37	428.53
A& N ISLAND	STATE	33.27	6.8	40.07
E.REGION	STATE	22501.18	7642.3	30143.48
	CENTRAL	45790.62	632.56	46423.18
	PVT	9253.19	0	9253.19
	TOTAL	77544.99	8274.86	85819.85
ASSAM	STATE	756.1	0	756.1
	CENTRAL	1614.82	911.55	2526.37
	PVT	136.76	0	136.76
	TOTAL	2507.68	911.55	3419.23
MEGHALAYA	STATE	0	615.42	615.42
	CENTRAL	0	196.33	196.33
	TOTAL	0	811.75	811.75
TRIPURA	STATE	484.87	68.65	553.52
	CENTRAL	570.93	0	570.93
	TOTAL	1055.8	68.65	1124.45
MANIPUR	STATE	0	0	0
	CENTRAL	0	628.92	628.92
	TOTAL	0	628.92	628.92
ARU.PRADESH	STATE	0	2	2
	CENTRAL	0	1650.65	1650.65
	TOTAL	0	1652.65	1652.65
NAGALAND	STATE	0	0	0
	CENTRAL	0	255.17	255.17
	TOTAL	0	255.17	255.17
N.E.REGION	STATE	1240.97	686.07	1927.04
	CENTRAL	2185.75	3642.62	5828.37
	PVT	136.76	0	136.76
	TOTAL	3563.48	4328.69	7892.17
ALL INDIA	STATE	244476.36	51924.46	296400.82
	CENTRAL	194063.6	29398.39	16837.59
	PVT	47491.1	3174.03	50665.13
	TOTAL	486031.06	84496.88	16837.59
				587365.53

# Actual cum Assessment