

**MINISTRY OF POWER****DEMAND NO. 73****Ministry of Power**

A. The Budget allocations, net of recoveries, are given below:

*(In crores of Rupees)*

Major Head	Budget 2004-2005			Revised 2004-2005			Budget 2005-2006			
	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
Revenue	962.40	62.47	1024.87	703.04	60.37	763.41	348.02	61.70	409.72	
Capital	2637.60	...	2637.60	1696.96	...	1696.96	2651.98	...	2651.98	
<b>Total</b>	<b>3600.00</b>	<b>62.47</b>	<b>3662.47</b>	<b>2400.00</b>	<b>60.37</b>	<b>2460.37</b>	<b>3000.00</b>	<b>61.70</b>	<b>3061.70</b>	
1. Secretariat-Economic Services	3451	1.00	9.61	10.61	1.00	9.61	10.61	1.00	9.86	10.86
<i>Power</i>										
<i>General</i>										
2. Central Electricity Authority	2801	106.39	37.31	143.70	24.18	38.20	62.38	3.00	39.71	42.71
	4801	2.60	...	2.60	2.43	...	2.43	2.00	...	2.00
<i>Total</i>		<i>108.99</i>	<i>37.31</i>	<i>146.30</i>	<i>26.61</i>	<i>38.20</i>	<i>64.81</i>	<i>5.00</i>	<i>39.71</i>	<i>44.71</i>
3. Research and Development										
3.01 Central Power Research Institute, Bangalore	2801	10.00	...	10.00	10.00	...	10.00	12.13	...	12.13
4. Training										
4.01 National Power Training Institute(NPTI)	2801	10.00	5.00	15.00	10.00	4.75	14.75	9.68	4.41	14.09
5. Setting up of Joint Electricity Regulatory Comn.	2801	0.50	...	0.50	0.50	...	0.50	1.24	...	1.24
6. Central Electricity Regulatory Commission	2801	...	9.55	9.55	...	6.71	6.71	...	7.32	7.32
7. Interest Subsidy to Power Finance Corporation	2801	300.00	...	300.00	250.00	...	250.00	300.00	...	300.00
8. Grants-in-aid to Powergrid Corporation	2801	2.00	...	2.00	2.00	...	2.00	...	...	...
9. Interest Subsidy for Rural Electrification	2801	200.00	...	200.00	200.00	...	200.00	...	...	...
10. Training requirement for distribution Reforms	2801	5.00	...	5.00	1.00	...	1.00	...	...	...
11. Consultancy Charges for APDRP Projects	2801	5.00	...	5.00	1.00	...	1.00	15.45	...	15.45
12. Funds for Evaluation Studies and Consultancy	2801	5.00	...	5.00	1.00	...	1.00	5.00	...	5.00
13. Rural Electrification Supply Technology Mission	2801	7.50	...	7.50	1.00	...	1.00	...	...	...
14. Survey of Rural Areas without Electricity	2801	10.00	...	10.00	1.00	...	1.00	...	...	...
15. Bureau of Energy Efficiency	2801	0.01	...	0.01	0.36	...	0.36	...	...	...
16. Appellate Tribunal for Electricity	2801	...	...	...	...	0.10	0.10	...	0.20	0.20
17. Setting up of Joint SERC for UTs except Delhi	2801	...	...	...	...	...	...	...	0.15	0.15
18. Comprehensive Award Scheme for Power Sector	2801	...	...	...	...	...	...	0.52	...	0.52
<b>Total-General</b>		<b>664.00</b>	<b>51.86</b>	<b>715.86</b>	<b>504.47</b>	<b>49.76</b>	<b>554.23</b>	<b>349.02</b>	<b>51.79</b>	<b>400.81</b>
<i>Thermal Power Generation</i>										
19. Badarpur Thermal Power Station										
19.01 Revenue Expenditure	2801	...	1080.00	1080.00	...	1431.72	1431.72	...	1260.90	1260.90
19.02 Less Revenue Receipts	0801	...	-1079.00	-1079.00	...	-1430.72	-1430.72	...	-1260.85	-1260.85
<i>Net Expenditure</i>		...	<i>1.00</i>	<i>1.00</i>	...	<i>1.00</i>	<i>1.00</i>	...	<i>0.05</i>	<i>0.05</i>
<i>Transmission and Distribution</i>										
20. Rural Electrification Corporation(kutir Jyoti)	2801	250.00	...	250.00	175.00	...	175.00	...	...	...
21. Projects/Schemes for the development of N.E.Region & Sikkim	2552	50.00	...	50.00	25.00	...	25.00	...	...	...
	4552	879.07	...	879.07	778.49	...	778.49	924.00	...	924.00
<i>Total-Power</i>		<i>1843.07</i>	<i>52.86</i>	<i>1895.93</i>	<i>1482.96</i>	<i>50.76</i>	<i>1533.72</i>	<i>1273.02</i>	<i>51.84</i>	<i>1324.86</i>
22. Other Programmes										
22.01 Conversion of IDC into Equity of NHPC & THDC Projects	4801	...	...	...	640.28	...	640.28	...	...	...
22.02 Write off matched by interest receipts	0049	...	...	...	-640.28	...	-640.28	...	...	...
<i>Net</i>	...	...	...	...	...	...	...	...	...	...
23. Investments in Public Enterprises	4801	1755.93	...	1755.93	916.04	...	916.04	1725.98	...	1725.98
<b>Grand Total</b>		<b>3600.00</b>	<b>62.47</b>	<b>3662.47</b>	<b>2400.00</b>	<b>60.37</b>	<b>2460.37</b>	<b>3000.00</b>	<b>61.70</b>	<b>3061.70</b>

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(In crores of Rupees)

	Head of Dev.	Budget 2004-2005			Revised 2004-2005			Budget 2005-2006		
		Budget Support	I.E.B.R	Total	Budget Support	I.E.B.R	Total	Budget Support	I.E.B.R	Total
<b>B. Investments in Public Enterprises</b>										
23.01 National Thermal Power Corporation	12801	...	4755.00	4755.00	...	4772.00	4772.00	...	8550.00	8550.00
23.02 National Hydro Electric Power Corporation	12801	1141.93	1045.86	2187.79	727.99	1296.80	2024.79	1306.60	2185.36	3491.96
23.03 Damodar Valley Corporation	12801	...	999.70	999.70	...	1087.71	1087.71	...	2373.51	2373.51
23.04 North Eastern Electric Power Corporation	12801	...	265.00	265.00	...	90.00	90.00	...	372.79	372.79
23.05 Nathpa Jhakri Power Corporation	12801	...	592.00	592.00	...	459.76	459.76	...	407.70	407.70
23.06 Tehri Hydro Development Corporation	12801	314.00	934.76	1248.76	9.05	700.00	709.05	...	656.29	656.29
23.07 Power Grid Corporation	12801	300.00	3438.00	3738.00	179.00	3234.79	3413.79	419.38	4368.25	4787.63
23.08 Project/Schemes for the Development of North East & Sikkim by PSUs	12801	879.07	...	879.07	778.49	...	778.49	924.00	...	924.00
<b>Total</b>		<b>2635.00</b>	<b>12030.32</b>	<b>14665.32</b>	<b>1694.53</b>	<b>11641.06</b>	<b>13335.59</b>	<b>2649.98</b>	<b>18913.90</b>	<b>21563.88</b>
<b>C. PLAN OUTLAY</b>										
<i>Central Sector Plan</i>										
1. Power	12801	2670.93	12030.32	14701.25	1596.51	11641.06	13237.57	2076.00	18913.90	20989.90
2. North Eastern Areas	22552	929.07	...	929.07	803.49	...	803.49	924.00	...	924.00
<b>Total</b>		<b>3600.00</b>	<b>12030.32</b>	<b>15630.32</b>	<b>2400.00</b>	<b>11641.06</b>	<b>14041.06</b>	<b>3000.00</b>	<b>18913.90</b>	<b>21913.90</b>

1. **Secretariat** : Provision is for expenditure on establishment matters for the Secretariat of the Ministry of Power.

2. **Central Electricity Authority** : The Central Electricity Authority coordinates the activities of the various agencies in relation to control and utilisation of national power resources. It is also responsible for carrying out the survey and studies, collection and recording of data concerning generation, distribution, utilisation and development of power resources.

3. **Research and Development** : Central Power Research Institute, Bangalore is engaged in research on power. CPRI serves as a National Laboratory for applied research in the field of electrical power and also functions as an independent authority for testing, evaluation and certification of electrical equipment and components.

4. **Training** : Provides for expenditure on National Power Training Institute which is engaged in imparting training in various aspects of power stations, operation and maintenance.

6. **Central Electricity Regulatory Commission** : Under the provision of the ERC Act, 1998, the Central Government has constituted the Central Electricity Regulatory Commission (CERC). The Central Commission is a statutory body with a quasi judicial status. The new Electricity Act, 2003 passed by the Parliament and notified in the Gazette of India on 2nd June, 2003 has come into force with effect from 10th June, 2003. The provision is made for incurring expenditure on establishment as well as for tariff matters.

7. **Interest Subsidy to Power Finance Corporation** : Under the Accelerated Generation and Supply Programme (AG&SP) interest subsidy is given to SEBs for R&M of Power Plants, Generation Schemes, Missing Transmission Links, etc. Government of India has decided to extend the AG&SP scheme for the 10th Plan.

11. **Consultancy charges for APDRP projects** : A proposal for appointment of Advisor-cum-Consultants under APDRP has been made for reduction of T&D losses, improvement in billing and revenue realisation require adoption of new

technologies in the areas of IT, consumer indexing, GIS mapping, SCADA/DMS etc. for revival of distribution sector.

12. **Funds for Evaluation studies and consultancy** : A proposal for evaluation of specific projects regarding upgradation & strengthening of sub-transmission & distribution network including energy accounting & metering in the distribution circles is there under which the funds are to be provided in a phased manner. It would require interaction with the Advisor-cum consultants and State power utilities for which infrastructure in terms of PC's, internet facilities, telephone etc. for fast communication would be required along with regular field visits to the sanctioned cities/town and circles.

16. **Appellate Tribunal for Electricity**: Under the provision of Electricity Act, 2003, the Central Government has set up the Appellate Tribunal for Electricity. It will here appeals against the orders of the adjudicating officer or the Appropriate Commissions under the Electricity Act, 2003.

17. **Setting up of Joint Electricity Regulatory Commissions**: Under this Scheme, a joint Electricity Regulatory Commission is to be set up consisting of NE States and Sikkim.

### 23. Investment in Public Enterprises :-

23.01 **National Thermal Power Corporation (NTPC)** : NTPC was set up in November, 1975 in Central Sector as a thermal power generating company, with the main objective of construction of Super Thermal Power Projects at Coalpit heads.

23.02 **National Hydro-electric Power Corporation (NHPC)**: National Hydro-electric Power Corporation (NHPC) was set up in 1975 with a view to securing speedy, efficient and economical completion and operation of hydro-electric projects in the Central Sector. The Corporation has so far completed construction of 9 Hydro-electric Projects in Central Sector, Six units of 150 MW each of Indira Sagar a Joint Venture project between NHPC and Govt. of M.P. and 3 projects (Devighat, Kalpong and Kurichu on agency basis) added 3304.35 MW of generating capacity till the end of November, 2004 by way of completion of these projects. The Corporation is presently engaged in the construction of Dulhasti Project (390 MW) in

J&K, Dhauliganga Project Stage-I(280 MW) in U.P.Teesta Stage-V (510MW) in Sikkim, Loktak Downstream (90 MW) Manipur, Parbati-II(800 MW) in HP, Subansiri Lower (2000 MW) in Arunachal Pradesh, Sewa-II (120 MW) in J & K and Teesta Lower Dam-III (132 MW) in West Bengal. In addition to above, NHPC is also in execution of 2 joint venture projects i.e. Indira Sagar (250 MW) and Omkareshwar with NHDC.

**23.03 Damodar Valley Corporation (DVC) :** DVC was established in July, 1948 for the promotion and operation of irrigation, water supply, drainage, generation, transmission and distribution of thermal and hydro-electric power in the Damodar Valley.

**23.04 North Eastern Electric Power Corporation (NEEPCO) :** The North Eastern Electric Power Corporation (NEEPCO) was registered as a company under the Companies Act, 1956 on 2nd April, 1976 with the objective to plan, promote, investigate, survey, design, construct, generate, operate and maintain power stations in the N.E.Region. The Corporation has achieved a total installed capacity of 1130 MW (under operation comprising 150 MW from Kopili HE Project, 100 MW from Kopili HE Project 1st stage extension, 25 MW from Kopili HE Project IInd stage 75 MW from Doyang HE Project, Nagaland, 405 MW from Ranganadi HE Project, Arunachal Pradesh, 291 MW from

Assam Gas Based Combined Cycle Project and 84 MW from Agartala Gas Turbine Power Project).

**23.06 Tehri Hydro Development Corporation (THDC) :** Tehri Hydro Development Corporation was incorporated as a joint venture of Government of India and Government of Uttar Pradesh in July, 1988 for integrated and efficient utilisation of the hydro resources of Bhagirathi river and its tributaries at Tehri and down stream. THDC has been assigned the execution of Tehri Hydro Complex (2400 MW) comprising, (a) Tehri Dam and HE Project Stage-I (1000 MW), (b) Koteshwar Dam and HE Project (400 MW) and (c) Tehri Pump Storage Project (1000 MW). Presently the Corporation is executing Tehri Dam and HE Project Stage-I (1000 MW) and Koteshwar Dam HE Project (400 MW).

**23.07 Power Grid Corporation:** The Power Grid Corporation of India Limited was incorporated in 1989 to establish and operate the regional and national grid to facilitate transfer of power within and across the regions with reliability, security and economy on sound commercial principles. As per Acts passed by the Parliament, the transmission systems of NTPC, NHPC, NEEPCO and NLC were transferred with effect from April, 1992 to PGCIL. Powergrid transmission network carried around 40% of total power generated in the country.