

**MINISTRY OF POWER**

DEMAND NO. 72

**Ministry of Power**

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

		(In crores of Rupees)								
Major Head	Budget 2005-2006			Revised 2005-2006			Budget 2006-2007			
	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
Revenue	348.02	61.70	409.72	1461.36	61.00	1522.36	3702.26	67.00	3769.26	
Capital	2651.98	...	2651.98	1710.64	...	1710.64	1797.74	...	1797.74	
<b>Total</b>	<b>3000.00</b>	<b>61.70</b>	<b>3061.70</b>	<b>3172.00</b>	<b>61.00</b>	<b>3233.00</b>	<b>5500.00</b>	<b>67.00</b>	<b>5567.00</b>	
1. Secretariat-Economic Services	3451	1.00	9.86	10.86	1.16	9.33	10.49	0.50	10.25	10.75
<b>Power</b>										
<i>General</i>										
2. Central Electricity Authority	2801	3.00	39.71	42.71	10.30	38.87	49.17	16.83	40.00	56.83
	4801	2.00	...	2.00	0.94	...	0.94	1.30	...	1.30
	<i>Total</i>	<i>5.00</i>	<i>39.71</i>	<i>44.71</i>	<i>11.24</i>	<i>38.87</i>	<i>50.11</i>	<i>18.13</i>	<i>40.00</i>	<i>58.13</i>
3. <i>Research and Development</i>										
3.01 Central Power Research Institute, Bangalore	2801	12.13	...	12.13	12.13	...	12.13	33.02	...	33.02
4. <i>Training</i>										
4.01 National Power Training Institute(NPTI)	2801	9.68	4.41	14.09	3.70	4.19	7.89	11.00	2.08	13.08
5. Setting up of Joint Electricity Regulatory Comn.	2801	1.24	...	1.24	0.10	...	0.10	1.85	...	1.85
6. Central Electricity Regulatory Commission	2801	...	7.32	7.32	...	5.85	5.85	...	5.25	5.25
7. Interest Subsidy to Power Finance Corporation	2801	300.00	...	300.00	300.00	...	300.00	598.00	...	598.00
8. Interest Subsidy for Rural Electrification - RGGVY	2801	...	...	...	1100.00	...	1100.00	3000.00	...	3000.00
9. Consultancy Charges for APDRP Projects	2801	15.45	...	15.45	18.45	...	18.45	25.00	...	25.00
10. Funds for Evaluation Studies and Consultancy	2801	5.00	...	5.00	5.00	...	5.00	5.31	...	5.31
11. Appellate Tribunal for Electricity	2801	...	0.20	0.20	...	2.70	2.70	...	6.42	6.42
12. Setting up of Joint SERC for UTs except Delhi	2801	...	0.15	0.15	...	0.01	0.01	...	3.00	3.00
13. Comprehensive Award Scheme for Power Sector	2801	0.52	...	0.52	0.52	...	0.52	0.75	...	0.75
14. FutureGen Project	2801	...	...	...	10.00	...	10.00	10.00	...	10.00
<b>Total-General</b>		<b>349.02</b>	<b>51.79</b>	<b>400.81</b>	<b>1461.14</b>	<b>51.62</b>	<b>1512.76</b>	<b>3703.06</b>	<b>56.75</b>	<b>3759.81</b>
<i>Thermal Power Generation</i>										
15. <i>Badarpur Thermal Power Station</i>										
15.01 Revenue Expenditure	2801	...	1260.90	1260.90	...	1257.17	1257.17	...	1419.16	1419.16
15.02 Less Revenue Receipts	0801	...	-1260.85	-1260.85	...	-1257.12	-1257.12	...	-1419.16	-1419.16
Net Expenditure		...	0.05	0.05	...	0.05	0.05	...	...	...
<i>Transmission and Distribution</i>										
16. Projects/Schemes for the development of N.E.Region & Sikkim	4552	924.00	...	924.00	606.49	...	606.49	681.48	...	681.48
<b>Total-Power</b>		<b>1273.02</b>	<b>51.84</b>	<b>1324.86</b>	<b>2067.63</b>	<b>51.67</b>	<b>2119.30</b>	<b>4384.54</b>	<b>56.75</b>	<b>4441.29</b>
17. Investments in Public Enterprises	4801	1725.98	...	1725.98	1082.99	...	1082.99	1114.96	...	1114.96
18. Loans for Power Projects	6801	...	...	...	20.22	...	20.22	...	...	...
<b>Grand Total</b>		<b>3000.00</b>	<b>61.70</b>	<b>3061.70</b>	<b>3172.00</b>	<b>61.00</b>	<b>3233.00</b>	<b>5500.00</b>	<b>67.00</b>	<b>5567.00</b>
<b>B. Investments in Public Enterprises</b>	Head Of Dev.	Budget Support	I.E.B.R	Total	Budget Support	I.E.B.R	Total	Budget Support	I.E.B.R	Total
17.01 National Thermal Power Corporation	12801	...	8550.00	8550.00	...	8553.00	8553.00	...	11325.00	11325.00
17.02 National Hydro Electric Power Corporation	12801	1306.60	2185.36	3491.96	677.03	1536.78	2213.81	904.96	1978.68	2883.64
17.03 Damodar Valley Corporation	12801	...	2373.51	2373.51	...	1013.07	1013.07	...	2302.69	2302.69
17.04 North Eastern Electric Power Corporation	12801	...	372.79	372.79	...	27.00	27.00	...	799.65	799.65
17.05 Nathpa Jhakri Power Corporation	12801	...	407.70	407.70	...	-27.51	-27.51	...	290.51	290.51

No.72/Ministry of Power

(In crores of Rupees)

	Head of Dev.	Budget 2005-2006			Revised 2005-2006			Budget 2006-2007		
		Budget Support	I.E.B.R	Total	Budget Support	I.E.B.R	Total	Budget Support	I.E.B.R	Total
17.06 Tehri Hydro Development Corporation	12801	...	656.29	656.29	6.80	1274.41	1281.21	10.00	778.17	788.17
17.07 Power Grid Corporation	12801	419.38	4368.25	4787.63	419.38	3591.36	4010.74	200.00	4649.00	4849.00
17.08 Project/Schemes for the Development of North East & Sikkim by PSUs	12801	924.00	...	924.00	606.49	...	606.49	681.48	...	681.48
<b>Total</b>		<b>2649.98</b>	<b>18913.90</b>	<b>21563.88</b>	<b>1709.70</b>	<b>15968.11</b>	<b>17677.81</b>	<b>1796.44</b>	<b>22123.70</b>	<b>23920.14</b>
<b>C. PLAN OUTLAY</b>										
<i>Central Sector Plan</i>										
1. Power	12801	2076.00	18913.90	20989.90	2565.51	15968.11	18533.62	4818.52	22123.70	26942.22
2. North Eastern Areas	22552	924.00	...	924.00	606.49	...	606.49	681.48	...	681.48
<b>Total</b>		<b>3000.00</b>	<b>18913.90</b>	<b>21913.90</b>	<b>3172.00</b>	<b>15968.11</b>	<b>19140.11</b>	<b>5500.00</b>	<b>22123.70</b>	<b>27623.70</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 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 including 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 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.

8. **Rajiv Gandhi Grameen Viduyutikaran Yojana** : This scheme of rural Electricity Infrastructure and Household Electrification has been introduced in April, 2005 for achieving the National Common Minimum Programme objective of providing access to electricity to all rural households over a period of four years. At present only 44% of the rural households have access to electricity. Improvement of rural electricity infrastructure is essential to empower rural India and unleash its full growth potential. Rural Electrification Corporation (REC) is the nodal agency for the programme. Under the scheme, projects can be financed with 90% capital subsidy for provision of Rural Electricity Distribution Backbone (REDB), Creation of Village Electrification

Infrastructure (VEI) and Decentralised Distributed Generation (DDG) and Supply. REDB, VEI and DDG would also cater to the requirement of agriculture and other activities including irrigation pumpsets, small and medium industries, khadi and village industries, cold-chains, healthcare, education and IT. Under this scheme un-electrified Below Poverty Line (BPL) households will get electricity connection free of charge, as per norms of Kutir Jyoti Programme in all rural habitations.

9. **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 that require adoption of new technologies in the areas of IT, consumer indexing, GIS mapping, SCADA/DMS, etc., for revival of distribution sector.

10. **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

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

13. **Comprehensive Award Scheme**: The scheme for awarding shields/certificates is introduced by the Ministry of Power for outstanding performances of the Thermal Power Stations and Utilities.

14. **FutureGen Project**: FutureGen Project has been initiated as a multi-national programme in a public-private partnership model for developing emission-free coal-based generation pilot project. Government of India is required to contribute US\$ 10 million to this project. It would enable India to be a partner in development of this technology aimed at establishing techno-economically viable coal-fired emission-free plant. India will become a full charter member in the FutureGen Government Steering Committee (GSC) which will be the mechanism to provide guidance, input and recommendations on the direction of the FutureGen Project.

**17. Investment in Public Enterprises :-**

**17.01 National Thermal Power Corporation (NTPC):** NTPC was set up in November, 1975 as a thermal power generating company, with the main objective of construction of Super Thermal Power Projects at Coalpit heads. The total installed capacity of NTPC as on 31.03.2005 is 22,435 MW (Singrauli, Korba, Ramagundam-I, II & III, Farakka, Vindhyachal I & II, Rihand I & II, Anta, Auraiya, Kawas, Kahalgaon-I, NCTPP, Dadri Gas, Unchahar I & II, Gandhar, Talcher I & II, TTPS, Kayamkulam, Faridabad GBPP, Tanda TPS and Simhadri).

**17.02 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 Projects (Bairasiul, Loktak, Salal I & II, Tanakpur, Chamara-II, Uri, Rangit and Dhauliganga) in the Central Sector and one joint venture i.e. Indra Sagar and also completed 3 projects on deposit work/turn key basis. The total installed capacity of NHPC is 6589.35 MW. The Corporation is presently engaged in construction of 11 projects with the installed capacity of 5623 MW.

**17.03 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.

**17.04 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.

**17.06 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).

**17.07 Power Grid Corporation of India:** 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 the 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.