

**MINISTRY OF POWER****DEMAND NO. 77****Ministry of Power**

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

		<i>(In crores of Rupees)</i>											
Major Head	Actual 2012-2013			Budget 2013-2014			Revised 2013-2014			Budget 2014-2015			
	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
Revenue	639.27	-152.16	487.11	7337.95	431.07	7769.02	3539.42	410.86	3950.28	7207.14	-98.10	7109.04	
Capital	1687.95	3326.39	5014.34	2304.05	...	2304.05	1460.58	...	1460.58	2434.86	...	2434.86	
<b>Total</b>	<b>2327.22</b>	<b>3174.23</b>	<b>5501.45</b>	<b>9642.00</b>	<b>431.07</b>	<b>10073.07</b>	<b>5000.00</b>	<b>410.86</b>	<b>5410.86</b>	<b>9642.00</b>	<b>-98.10</b>	<b>9543.90</b>	
1. Secretariat-Economic Services	3451	0.38	24.44	24.82	0.75	27.74	28.49	0.75	25.30	26.05	0.75	28.75	29.50
2. <i>Waiver of Interest</i>													
2.01 North Eastern Electric Power Corporation (NEEPCO)	2801	...	90.21	90.21	...	...	...	...	...	...	...	...	...
2.02 Less Receipts Netted	0049	...	-90.21	-90.21	...	...	...	...	...	...	...	...	...
2.03 Write off losses of NEEPCO	2801	...	...	...	...	...	...	...	...	...	...	...	...
<i>Total- Waiver of Interest</i>		...	...	...	...	...	...	...	...	...	...	...	...
<b>Power</b>													
<b>General</b>													
3. Central Electricity Authority	2801	4.35	68.39	72.74	35.70	78.26	113.96	4.18	68.28	72.46	45.29	74.56	119.85
	4801	1.00	...	1.00	1.50	...	1.50	1.17	...	1.17	1.00	...	1.00
	<i>Total</i>	<i>5.35</i>	<i>68.39</i>	<i>73.74</i>	<i>37.20</i>	<i>78.26</i>	<i>115.46</i>	<i>5.35</i>	<i>68.28</i>	<i>73.63</i>	<i>46.29</i>	<i>74.56</i>	<i>120.85</i>
4. <i>Research and Development</i>													
4.01 Central Power Research Institute, Bengaluru	2801	40.36	...	40.36	298.73	...	298.73	20.00	...	20.00	295.53	...	295.53
5. <i>Training</i>													
5.01 National Power Training Institute (NPTI)	2801	5.00	5.76	10.76	11.00	6.40	17.40	6.00	6.40	12.40	60.52	6.40	66.92
6. Setting up of JERC for Manipur & Mizoram	2801	1.09	...	1.09	...	...	...	...	...	...	...	...	...
7. <i>Central Electricity Regulatory Commission</i>													
7.01 CERC Fund	2801	...	25.06	25.06	...	36.20	36.20	...	36.20	36.20	...	40.30	40.30
7.02 Amount met from CERC Fund	2801	...	-25.06	-25.06	...	-36.20	-36.20	...	-36.20	-36.20	...	-40.30	-40.30
	<i>Net</i>	...	...	...	...	...	...	...	...	...	...	...	...
8. <i>National Investment Fund (NIF)</i>													
8.01 Transfer to National Investment Fund	2801	674.85	...	674.85	...	...	...	...	...	...	...	...	...
8.02 Amount met from NIF for Subsidy for Rural	2801	-674.85	...	-674.85	...	...	...	...	...	...	...	...	...

(In crores of Rupees)

	Major Head	Actual 2012-2013			Budget 2013-2014			Revised 2013-2014			Budget 2014-2015		
		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total
Electrification - RGGVY													
	<i>Net</i>	...	...	...	...	...	...	...	...	...	...	...	...
9. Subsidy for Rural Electrification-RGGVY	2801	697.94	...	697.94	4041.30	...	4041.30	2868.50	...	2868.50	4542.84	...	4542.84
10. Funds for Evaluation Studies and Consultancy	2801	...	...	...	2.00	...	2.00	0.50	...	0.50	1.50	...	1.50
11. Appellate Tribunal for Electricity	2801	...	7.69	7.69	...	9.05	9.05	...	8.34	8.34	...	9.79	9.79
12. Setting up of Joint JERC for UTs and Goa	2801	...	4.00	4.00	...	4.00	4.00	...	5.50	5.50	...	6.00	6.00
13. Comprehensive Award Scheme for Power Sector	2801	...	...	...	0.99	...	0.99	0.99	...	0.99	1.00	...	1.00
14. Energy Conservation	2801	37.00	...	37.00	564.45	...	564.45	16.00	...	16.00	107.65	...	107.65
15. Bureau of Energy Efficiency													
15.01 Non EAP Component	2801	41.50	...	41.50	189.41	...	189.41	75.00	...	75.00	137.55	...	137.55
15.02 EAP Component	2801	2.60	...	2.60	4.00	...	4.00	2.60	...	2.60	2.00	...	2.00
<i>Total- Bureau of Energy Efficiency</i>		<i>44.10</i>	<i>...</i>	<i>44.10</i>	<i>193.41</i>	<i>...</i>	<i>193.41</i>	<i>77.60</i>	<i>...</i>	<i>77.60</i>	<i>139.55</i>	<i>...</i>	<i>139.55</i>
16. APDRP	2801	17.04	...	17.04	75.00	...	75.00	75.00	...	75.00	144.50	...	144.50
17. Assistance to Forum of Regulator Capacity Building	2801	1.50	...	1.50	3.00	...	3.00	2.00	...	2.00	2.25	...	2.25
18. LahoriNagpala HEP	2801	...	...	...	...	536.30	536.30	...	536.30	536.30	...	...	...
19. Financial Support for Debt Restructuring of DISCOMs	2801	...	...	...	1500.00	...	1500.00	125.40	...	125.40	1200.00	...	1200.00
20. Loan to PFC for APDRP	6801	1217.45	...	1217.45	442.50	...	442.50	567.50	...	567.50	1041.59	...	1041.59
21. Interest Subsidy to National Electricity Fund	2801	...	...	...	151.92	...	151.92	10.00	...	10.00	50.69	...	50.69
22. Tehri Hydro Development Corporation India Ltd.	4801	89.45	...	89.45	133.72	...	133.72	30.00	...	30.00	62.92	...	62.92
23. Acquisition of Coal bearing Areas for NTPC	4801	214.24	...	214.24	474.00	...	474.00	474.00	...	474.00	915.00	...	915.00
23.01 Deduct Recoveries	4801	-214.24	...	-214.24	-474.00	...	-474.00	-474.00	...	-474.00	-915.00	...	-915.00
	<i>Net</i>	...	...	...	...	...	...	...	...	...	...	...	...
<b>Total-General</b>		<b>2156.28</b>	<b>85.84</b>	<b>2242.12</b>	<b>7455.22</b>	<b>634.01</b>	<b>8089.23</b>	<b>3804.84</b>	<b>624.82</b>	<b>4429.66</b>	<b>7696.83</b>	<b>96.75</b>	<b>7793.58</b>
<b>Thermal Power Generation</b>													
24. Badarpur Thermal Power Station													
24.01 Revenue Expenditure	2801	...	...	...	...	9.95	9.95	...	1.37	1.37	...	1.00	1.00
24.02 Less Revenue Receipts	0801	...	-262.44	-262.44	...	-240.63	-240.63	...	-240.63	-240.63	...	-224.60	-224.60
	<i>Net</i>	...	<i>-262.44</i>	<i>-262.44</i>	...	<i>-230.68</i>	<i>-230.68</i>	...	<i>-239.26</i>	<i>-239.26</i>	...	<i>-223.60</i>	<i>-223.60</i>
<b>Transmission and Distribution</b>													
25. 220 KV Transmission Line from Srinagar to Leh via Kargil	4801	...	...	...	226.00	...	226.00	65.40	...	65.40	268.14	...	268.14
26. Green Energy Corridor	4801	...	...	...	...	...	...	...	...	...	1.00	...	1.00
27. Lumpsum provision for Project/Schemes for the benefit of NE Region & Sikkim													

(In crores of Rupees)

	Major Head	Actual 2012-2013			Budget 2013-2014			Revised 2013-2014			Budget 2014-2015			
		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
27.01	Subsidy for Rural Electrification-RGGVY	2552	...	...	458.70	...	458.70	269.15	...	269.15	239.89	...	239.89	
27.02	Improvement of power system project in six North Eastern States excluding Arunachal Pradesh and Sikkim	2552	...	...	...	...	...	62.35	...	62.35	200.00	...	200.00	
27.03	Loan to PFC under APDRP	6552	...	...	57.50	...	57.50	57.50	...	57.50	62.95	...	62.95	
27.04	Strengthening of Transmission System in the States of Arunachal Pradesh and Sikkim	2552	...	...	1.00	...	1.00	1.00	...	1.00	175.18	...	175.18	
27.05	Investment in Public Enterprises in N.E. Region	4552	...	...	398.34	...	398.34	62.34	...	62.34	518.46	...	518.46	
27.06	Investment in Public Enterprises in N.E. Region	6552	...	...	48.66	...	48.66	48.66	...	48.66	...	...	...	
<i>Total- Lumpsum provision for Project/Schemes for the benefit of NE Region &amp; Sikkim</i>			...	...	964.20	...	964.20	501.00	...	501.00	1196.48	...	1196.48	
<b>Total-Transmission and Distribution</b>			...	...	<b>1190.20</b>	...	<b>1190.20</b>	<b>566.40</b>	...	<b>566.40</b>	<b>1465.62</b>	...	<b>1465.62</b>	
<b>Total-Power</b>			<b>2156.28</b>	<b>-176.60</b>	<b>1979.68</b>	<b>8645.42</b>	<b>403.33</b>	<b>9048.75</b>	<b>4371.24</b>	<b>385.56</b>	<b>4756.80</b>	<b>9162.45</b>	<b>-126.85</b>	<b>9035.60</b>
28. <i>Investment in Public Enterprises other than NE Region</i>														
28.01	Investment in North Eastern Electric Power Corporation Ltd.	4801	30.51	...	30.51	...	...	...	...	...	...	...	...	
28.02	Loans for Power Projects	6801	270.37	...	270.37	995.83	...	995.83	628.01	...	628.01	478.80	...	478.80
28.03	Loans to NEEPCO	6801	79.17	...	79.17	...	...	...	...	...	...	...	...	
<i>Total- Investment in Public Enterprises other than NE Region</i>			380.05	...	380.05	995.83	...	995.83	628.01	...	628.01	478.80	...	478.80
29.	Assistance to GNCT of Delhi to settle past DESU dues	7602	...	3326.39	3326.39	...	...	...	...	...	...	...	...	
30.	Actual Recoveries	2801	-209.49	...	-209.49	...	...	...	...	...	...	...	...	
<b>Grand Total</b>			<b>2327.22</b>	<b>3174.23</b>	<b>5501.45</b>	<b>9642.00</b>	<b>431.07</b>	<b>10073.07</b>	<b>5000.00</b>	<b>410.86</b>	<b>5410.86</b>	<b>9642.00</b>	<b>-98.10</b>	<b>9543.90</b>
	Head of Dev		Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total
<b>B. Investment in Public Enterprises</b>														
28.01	National Thermal Power Corporation Ltd.	12801	...	19925.53	19925.53	...	20200.00	20200.00	...	20200.00	20200.00	...	22400.00	22400.00
28.02	National Hydro Electric Power Corporation Ltd.	12801	270.37	3036.89	3307.26	995.83	2453.76	3449.59	628.01	2430.11	3058.12	478.80	2745.46	3224.26
28.03	Damodar Valley Corporation Ltd.	12801	...	3366.65	3366.65	...	4080.82	4080.82	...	3515.97	3515.97	...	2764.99	2764.99
28.04	North Eastern Electric Power Corporation Ltd. (North Eastern Region Component)	12801	109.68	952.94	1062.62	447.00	1542.61	1989.61	111.00	1550.77	1661.77	518.46	945.88	1464.34
28.05	Satluj Jal Vidyut Nigam Ltd.	12801	...	842.15	842.15	...	964.08	964.08	...	964.08	964.08	...	1091.93	1091.93

	Head of Dev	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total	
28.06	Tehri Hydro Development Corporation Ltd.	12801	89.45	201.72	291.17	133.72	446.14	579.86	30.00	301.96	331.96	62.92	793.76	856.68
28.07	Power Grid Corporation of India Ltd.	12801	...	20360.00	20360.00	...	20000.00	20000.00	...	20000.00	20000.00	...	20000.00	20000.00
<b>Total</b>			<b>469.50</b>	<b>48685.88</b>	<b>49155.38</b>	<b>1576.55</b>	<b>49687.41</b>	<b>51263.96</b>	<b>769.01</b>	<b>48962.89</b>	<b>49731.90</b>	<b>1060.18</b>	<b>50742.02</b>	<b>51802.20</b>
<b>C. Plan Outlay</b>														
1.	Power	12801	2327.22	48685.88	51013.10	8677.80	49687.41	58365.21	4499.00	48962.89	53461.89	8445.52	50742.02	59187.54
2.	North Eastern Areas	22552	...	...	...	964.20	...	964.20	501.00	...	501.00	1196.48	...	1196.48
<b>Total</b>			<b>2327.22</b>	<b>48685.88</b>	<b>51013.10</b>	<b>9642.00</b>	<b>49687.41</b>	<b>59329.41</b>	<b>5000.00</b>	<b>48962.89</b>	<b>53962.89</b>	<b>9642.00</b>	<b>50742.02</b>	<b>60384.02</b>

1. **Secretariat:** Provision is made for expenditure on establishment matters for the Secretariat of the Ministry of Power, under various schemes.

3. **Central Electricity Authority:** The Central Electricity Authority (CEA) as a statutory organization is responsible for overall power sector planning, coordination, according concurrence to hydro-electric schemes, promote and assist the timely completion of projects, specifying of technical standards, safety requirements, Grid Standards as well as conditions for installation of meters applicable to the Power Sector of the country. CEA advises the Central Governments on the National Electricity Policy and formulates short term Prospective Plans for development of the electricity system. It also has the mandate to collect, record and make public, data related to all segments of the electricity sector, carry out investigations and promote research.

4. **Research & Development:** Central Power Research Institute, Bengaluru 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

5. **Training:** National Power Training Institute is engaged in imparting training in various aspects of power sector including operation and maintenance of power stations.

7. **Central Electricity Regulatory Commission:** Under the provision of the ERC Act, 1998, the Central Government had constituted the Central Electricity Regulatory Commission (CERC). The Central Commission continues as a statutory body under the Electricity Act, 2003, which has come into force with effect from 10th June, 2003.

9. **Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY):** This scheme of rural Electricity Infrastructure and Household Electrification has been introduced in April, 2005 for providing access to electricity to all rural households. 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 Decentralized Distributed Generation and Supply. REDB, VEI and DDG would also cater to the requirement of agriculture and other activities. Under this scheme un-electrified Below Poverty Line (BPL) households will get electricity connection free of charge. To increase the coverage of small habitations, Government sanctioned electrification of habitations upto 100 population instead of 300. RGGVY is a flagship Scheme for creation of Rural Electricity Infrastructure and household electrification.

10. **Funds for Evaluation Studies and Consultancy:** This provision is for conducting evaluation studies of various projects/programmes/ schemes.

11. **Appellate Tribunal for Electricity:** Under the provisions of Electricity Act, 2003, the Central Government has set up the Appellate Tribunal for Electricity. It hears appeals against the orders of the adjudicating officer or the Appropriate Commissions under the Electricity Act, 2003. Under the provisions of the Petroleum and Natural Gas Regulatory Board Act, 2006, APTEL is the Appellate Tribunal for the purpose of that Act.

12. **Joint Electricity Regulatory Commission (JERC) for Goa & UTs:** The Central Government has set up a Joint Electricity Regulatory Commission (JERC) for Goa and all Union Territories except Delhi. Expenditure of the Joint Commission is borne by the Central Government and the Government of Goa in the ratio of 6:1.

13. **Comprehensive Award Scheme:** Shields and Certificates are given away by the Ministry of Power to the generating stations, transmission and distribution utilities as well as rural distribution franchisees for recognizing meritorious performance in operation, project management and environmental protection.

14. **Energy Conservation:** The funds would be utilized for carrying out the awareness creation on Energy Conservation through print, electronic and other media for general public. Continuation of EC awards and paintings competition on Energy Conservation. The fund would also be utilized to implement the National Mission for Enhanced Energy Efficiency (NMEEE) and to upscale the efforts to create and sustain market for energy efficiency to unlock investments.

15. **Bureau of Energy Efficiency (BEE):** Fund would be provided to BEE for implementation of its various energy efficiency initiatives in the areas of house hold lighting, commercial buildings, Standard & Labeling (S&L) appliances, Demand Side Management in Agriculture/ Municipalities, SMEs and large industries including the initiation of the process for development of Energy Consumption norms for industrial sub sectors, capacity building of SDAs etc. These initiatives by Government will enhance efficiency of energy consumption and reduce the rate of growth of energy consumption.

16. **Re-structured Accelerated Power development Reforms Programme (R-APDRP):** The objective of the programme is to facilitate State Power Utilities to reduce the level of AT&C loss to 15%. The programme has two major components. Part-A includes projects for establishment of information technology based energy accounting and audit system leading to finalization of verifiable base-line AT&C loss levels in the project areas. Part-B envisages distribution network strengthening investments leading to reduction in loss level.

17. **Assistance to Forum of Regulator for Capacity Building:** There is a provision for providing funds to Forum of Regulators for capacity building and availing consultancy.

19. **Financial Support for Debt Restructuring of DISCOM:** The scheme has been formulated and approved by Govt. to enable the turnaround of the State DISCOMs and ensure their long term viability. The scheme contains measures to be taken by the state DISCOMs and State Govt. for achieving financial turnaround by restructuring their debt with support through a Transitional Finance Mechanism by Central Govt.

21. **National Electricity Fund (Interest Subsidy Scheme):** The National Electricity Fund (NEF) is being set up to provide interest subsidy on loans to be disbursed to the Distribution Companies (DISCOMS) both in the Public and Private Sector, to improve the distribution network for areas not covered by RGGVY and R APDRP Project areas. The pre condition for eligibility are linked to certain reform measures taken by States and the amount of interest subsidy is linked to the progress achieved in reforms linked parameters.

25. **220 KV transmission line from Srinagar to Leh via Kargil:** The Cabinet Committee on Economic Affairs has, in its meeting held on 2.1.2014, approved the proposal for construction of 220kV Transmission System from Alusteng (Srinagar) to Leh (via Drass, Kargil & Khalsti 220/66 PGCIL substations) and 66 PGCIL interconnection system for Drass, Kargil, Khalsti and Leh substations in Jammu & Kashmir (J&K).

26. **Green Energy Corridor:** The scheme is proposed for maximization of renewable energy generation and integration with the main grid without compromising on the security and stability of power system.

27.02. **Power System Improvement Project in North Eastern Region except Sikkim and Arunachal Pradesh:** World Bank will fund for six NER states viz. Assam, Manipur, Meghalaya, Mizoram, Tripura and Nagaland, the aforesaid new project (on advice of DEA and Planning Commission, projects in sensitive Border Areas viz., Arunachal Pradesh and Sikkim were excluded from the ambit of World Bank financing. Therefore, Intra-State Transmission & Distribution projects for Sikkim & Arunachal Pradesh have been segregated for implementation through budgetary support from Government of India.

27.04. **Strengthening of Transmission System in the States of Arunachal Pradesh & Sikkim:** A comprehensive scheme for strengthening of transmission, sub-transmission and distribution system in the entire NER including Sikkim has been conceptualized.

28.01. **NTPC Limited:** NTPC was setup in 1975 as a Central Sector generating company for the development of thermal power. The Corporation has grown rapidly to become the largest thermal generating company in India. Company has diversified into hydro power, power trading, coal mining etc. In order to embody its diverse operations the company has been rechristened as NTPC Limited. As on 31 December, 2013 the authorized share capital of NTPC is ₹ 10,000 crore and paid up capital

is ₹ 8,245.46 crore. NTPC including its JVs & subsidiaries has installed capacity of 42454 MW as on 31 December, 2013.

28.02. **NHPC Limited:** NHPC Ltd. was incorporated in 1975 under Companies Act 1956. NHPC is a scheduled-A mini ratna enterprise of the Government of India with an authorized share capital of ₹ 15,000 crore and paid up capital as on 31 March, 2013 is ₹ 11071.00 crore. The total installed capacity of NHPC as 31.12.2013 including that of NHDC (Joint Venture Company with Govt. of Madhya Pradesh) is 5927 MW.

28.03. **Damodar Valley Corporation (DVC):** DVC was established in 1948 for the promotion and operation of irrigation, water supply, drainage, generation, transmission and Hydro-electric Power in Damodar Valley. The total installed capacity of DVC as on 31.12.2013 is 6907.20 MW.

28.04. **North Eastern Electric Power Corporation (NEEPCO):** The North Eastern Electric Power Corporation Limited (NEEPCO), a Schedule A company under Ministry of Power, Government of India was set up on 2nd April, 1976 with the objectives of developing the power potential of the NE Region of the country through planned development and commissioning of power projects which in turn would promote the development of the region as a whole. Authorized share capital of the company is Rs 5000 crore. The existing installed capacity is 1130 MW comprising of 755 MW of Hydro and 375 MW of Gas Based Power.

28.05. **SJVN Limited (Formerly Nathpa Jhakri Power Corporation Limited NJPC):** (Formerly Nathpa Jhakri Power Corporation Limited NJPC) SJVN Limited (formerly Nathpa Jhakri Power Corporation) was established on 24 May, 1988 as a joint venture of the Government of India (GOI) and the Government of Himachal Pradesh (GOHP) with an equity participation in the ratio of 75:25 respectively, to plan, investigate, organize, execute, operate and maintain Hydro-electric power project. Govt. of India through an Initial Public Offer (IPO) of SJVN in the month of May, 2010, offered 10.03 percent of its share to the public and financial institutions. SJVN is a Schedule-A, Mini Ratna company. The existing installed capacity is 1500 MW as on 31.12.2013.

28.06. **THDC India Limited:** THDC INDIA LTD., a Miniratna category I and ISO 9001 2008 certified PSU company, was incorporated as a joint venture of Government of India and Government of Uttar Pradesh in July, 1988 to develop, operate and maintain the 2400 MW Tehri Hydro Power Complex and other projects. The Tehri Hydro Power Complex (2400 MW) comprising Tehri HEP (1000MW) is under operation since 2007 and Koteshwar HEP (400 MW) is under operation since April 2012.

28.07. **PGCIL:** Power Grid Corporation of India Limited (POWERGRID) was incorporated as a Government of India enterprise on 23 October, 1989 under the Companies Act, 1956 with an authorized share capital of ₹ 5,000 crore, which has been enhanced to ₹ 10,000 crore. With the commissioning of 765kV S/c Raichur-Solapur transmission line, interconnection of Southern grid synchronously with rest of the National Power Grid is achieved on 31st December, 2013.