

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 2013-2014			Budget 2014-2015			Revised 2014-2015			Budget 2015-2016			
	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
Revenue	3046.51	404.93	3451.44	7570.50	-98.10	7472.40	4317.31	-102.00	4215.31	5841.44	-74.81	5766.63	
Capital	1475.58	...	1475.58	2071.50	...	2071.50	1382.69	...	1382.69	958.30	1.00	959.30	
Total	4522.09	404.93	4927.02	9642.00	-98.10	9543.90	5700.00	-102.00	5598.00	6799.74	-73.81	6725.93	
1. Secretariat-Economic Services	3451	0.75	25.27	26.02	0.75	28.75	29.50	0.75	28.06	28.81	1.24	30.47	31.71
2. Accounting Adjustment of Interest													
2.01 Tehri Hydro Development Corporation (THDC)	2801	...	...	...	...	...	...	...	91.85	91.85	...	...	...
2.02 Receipts Netted	0049	...	...	...	...	...	...	...	-91.85	-91.85	...	...	...
<i>Net</i>		...	...	...	...	...	...	...	...	...	...	...	...
Power													
General													
3. Central Electricity Authority	2801	0.95	69.21	70.16	45.29	74.56	119.85	15.00	73.00	88.00	28.70	79.41	108.11
	4801	1.17	...	1.17	1.00	...	1.00	0.28	...	0.28	1.30	...	1.30
	<i>Total</i>	<i>2.12</i>	<i>69.21</i>	<i>71.33</i>	<i>46.29</i>	<i>74.56</i>	<i>120.85</i>	<i>15.28</i>	<i>73.00</i>	<i>88.28</i>	<i>30.00</i>	<i>79.41</i>	<i>109.41</i>
4. Research and Development													
4.01 Central Power Research Institute, Bengaluru	2801	17.76	...	17.76	295.53	...	295.53	79.82	...	79.82	125.00	...	125.00
5. Training													
5.01 National Power Training Institute (NPTI)	2801	3.63	6.40	10.03	60.52	6.40	66.92	12.70	6.40	19.10	40.00	6.40	46.40
6. Setting up of JERC for Manipur & Mizoram	2801	...	...	...	...	...	...	...	...	...	...	...	...
7. Central Electricity Regulatory Commission													
7.01 CERC Fund	2801	...	31.70	31.70	...	40.30	40.30	...	40.30	40.30	...	44.33	44.33
7.02 Amount met from CERC Fund	2801	...	-31.70	-31.70	...	-40.30	-40.30	...	-40.30	-40.30	...	-44.33	-44.33
<i>Net</i>		...	...	...	...	...	...	...	...	...	...	...	...
8. National Investment Fund (NIF)													
8.01 Transfer to National Investment Fund	2801	...	...	...	...	...	...	...	...	...	...	...	...
8.02 Amount met from NIF for Subsidy for Rural Electrification - RGGVY	2801	...	...	...	...	...	...	...	...	...	...	...	...

(In crores of Rupees)

	Major Head	Actual 2013-2014			Budget 2014-2015			Revised 2014-2015			Budget 2015-2016			
		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
	<i>Net</i>	...	...	...	...	...	...	...	...	...	...	...	...
9.	Subsidy for Rural Electrification-RGGVY	2801	2938.52	...	2938.52	4850.10	...	4850.10	2740.09	...	2740.09	...	...	...
10.	Rural Electrification - DDUGJY	2801	...	...	...	...	...	...	...	...	...	4320.00	...	4320.00
11.	Funds for Evaluation Studies and Consultancy	2801	...	...	...	1.50	...	1.50	0.16	...	0.16	0.30	...	0.30
12.	Appellate Tribunal for Electricity	2801	...	8.13	8.13	...	9.79	9.79	...	8.79	8.79	...	10.15	10.15
13.	Setting up of Joint JERC for UTs and Goa	2801	...	5.50	5.50	...	6.00	6.00	...	5.50	5.50	...	6.33	6.33
14.	Comprehensive Award Scheme for Power Sector	2801	0.66	...	0.66	1.00	...	1.00	1.00	...	1.00	1.00	...	1.00
15.	Energy Conservation	2801	16.00	...	16.00	107.65	...	107.65	40.72	...	40.72	60.00	...	60.00
16.	<i>Bureau of Energy Efficiency</i>													
	16.01 Non EAP Component	2801	64.12	...	64.12	137.55	...	137.55	9.00	...	9.00	48.00	...	48.00
	16.02 EAP Component	2801	2.60	...	2.60	2.00	...	2.00	1.00	...	1.00	2.00	...	2.00
	<i>Total- Bureau of Energy Efficiency</i>		66.72	...	66.72	139.55	...	139.55	10.00	...	10.00	50.00	...	50.00
17.	APDRP	2801	8.70	...	8.70	144.50	...	144.50	16.78	...	16.78	...	...	...
18.	Assistance to Forum of Regulator Capacity Building	2801	0.45	...	0.45	2.25	...	2.25	1.00	...	1.00	1.00	...	1.00
19.	LahoriNagpala HEP	2801	...	536.30	536.30	...	...	...	...	...	...	...	...	...
20.	Financial Support for Debt Restructuring of DISCOMs	2801	...	...	...	400.00	...	400.00	1.00	...	1.00	74.20	...	74.20
21.	Loan to PFC for APDRP	6801	640.00	...	640.00	963.59	...	963.59	445.79	...	445.79	...	...	...
22.	Loan to PFC for IPDS	6801	...	...	...	...	...	...	...	...	...	384.00	...	384.00
23.	Interest Subsidy to National Electricity Fund	2801	...	...	...	50.69	...	50.69	1.00	...	1.00	20.00	...	20.00
24.	Tehri Hydro Development Corporation India Ltd.	4801	30.00	...	30.00	62.92	...	62.92	55.79	...	55.79	30.00	...	30.00
25.	Acquisition of Coal bearing Areas for NTPC	4801	301.45	...	301.45	915.00	...	915.00	375.69	...	375.69	993.00	...	993.00
	25.01 Deduct Recoveries	4801	-301.45	...	-301.45	-915.00	...	-915.00	-375.69	...	-375.69	-993.00	...	-993.00
	<i>Net</i>		...	...	...	...	...	...	...	...	...	...	...	...
26.	Capital Grant Support to DVC	4801	...	...	...	...	...	...	...	...	...	...	1.00	1.00
Total-General			3724.56	625.54	4350.10	7126.09	96.75	7222.84	3421.13	93.69	3514.82	5135.50	103.29	5238.79
Thermal Power Generation														
27.	<i>Badarpur Thermal Power Station</i>													
	27.01 Revenue Expenditure	2801	...	...	...	...	1.00	1.00	...	0.85	0.85	...	1.00	1.00
	27.02 Less Revenue Receipts	0801	...	-245.88	-245.88	...	-224.60	-224.60	...	-224.60	-224.60	...	-208.57	-208.57
	<i>Net</i>		...	-245.88	-245.88	...	-223.60	-223.60	...	-223.75	-223.75	...	-207.57	-207.57
Power Sector Reforms (Transmission and Distribution)														
28.	Smart Grid	2801	...	...	...	1.00	...	1.00	1.00	...	1.00	40.00	...	40.00

(In crores of Rupees)

	Major Head	Actual 2013-2014			Budget 2014-2015			Revised 2014-2015			Budget 2015-2016			
		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	
29.	Power Sector Support to NCT of Delhi	3602	...	...	...	200.00	...	200.00	200.00	...	200.00	...	...	...
30.	Deendayal Upadaya Feeder Separation Scheme	2801	...	...	...	500.00	...	500.00	500.00	...	500.00	...	...	...
31.	Integrated Power Development Scheme	2801	...	...	...	100.00	...	100.00	100.00	...	100.00	191.00	...	191.00
32.	Power System Operation Company (POSOCO)	4801	...	...	...	1.00	...	1.00	1.00	...	1.00	1.00	...	1.00
33.	220 KV Transmission Line from Srinagar to Leh via Kargil	4801	65.40	...	65.40	268.14	...	268.14	268.14	...	268.14	250.00	...	250.00
34.	Green Energy Corridor	4801	...	...	...	1.00	...	1.00	1.00	...	1.00	1.00	...	1.00
35.	<i>Power System Development Fund (PSDF)</i>													
35.01	Transfer to Power System Development Fund (PSDF)	2801	...	...	...	1.00	...	1.00	200.00	...	200.00	300.00	...	300.00
35.02	Scheme for Power System Development to be met from PSDF	2801	...	...	...	1.00	...	1.00	200.00	...	200.00	300.00	...	300.00
35.03	Amount met from Power System Development Fund	2801	...	...	...	-1.00	...	-1.00	-200.00	...	-200.00	-300.00	...	-300.00
	<i>Net</i>		...	...	...	1.00	...	1.00	200.00	...	200.00	300.00	...	300.00
36.	<i>Lumpsum provision for Project/Schemes for the benefit of NE Region & Sikkim</i>													
36.01	Subsidy for Rural Electrification-RGGVY	2552	...	...	...	293.99	...	293.99	146.29	...	146.29	...	...	...
36.02	Rural Electrification-DDUGJY	2552	...	...	...	...	...	...	...	...	...	180.00	...	180.00
36.03	Improvement of power system project in six North Eastern States excluding Arunachal Pradesh and Sikkim	2552	...	...	...	200.00	...	200.00	150.00	...	150.00	...	...	...
36.03.01	Non-EAP Component	2552	...	...	...	...	...	...	...	...	...	200.00	...	200.00
36.03.02	EAP Component	2552	...	...	...	...	...	...	...	...	...	50.00	...	50.00
	<i>Total- Improvement of power system project in six North Eastern States excluding Arunachal Pradesh and Sikkim</i>		...	...	...	200.00	...	200.00	150.00	...	150.00	250.00	...	250.00
36.04	Loan to PFC under APDRP	6552	...	...	...	152.95	...	152.95	132.68	...	132.68	...	...	...
36.05	Integrated Power Development Scheme	2552	...	...	...	...	...	...	...	...	...	9.00	...	9.00
36.06	Loan to PFC under IPDS	6552	...	...	...	...	...	...	...	...	...	16.00	...	16.00
36.07	Strengthening of Transmission System in the States of Arunachal Pradesh and Sikkim	2552	...	...	...	175.18	...	175.18	100.00	...	100.00	150.00	...	150.00
36.08	Investment in Public Enterprises in N.E. Region	4552	...	...	...	142.10	...	142.10	41.03	...	41.03	74.00	...	74.00
36.09	Investment in Public Enterprises in N.E. Region	6552	...	...	...	...	...	...	...	...	...	1.00	...	1.00
	<i>Total- Lumpsum provision for Project/Schemes for</i>		...	...	...	964.22	...	964.22	570.00	...	570.00	680.00	...	680.00

(In crores of Rupees)

	Major Head	Actual 2013-2014			Budget 2014-2015			Revised 2014-2015			Budget 2015-2016		
		Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total	Plan	Non-Plan	Total
<i>the benefit of NE Region & Sikkim</i>													
Total-Power Sector Reforms (Transmission and Distribution)		65.40	...	65.40	2036.36	...	2036.36	1841.14	...	1841.14	1463.00	...	1463.00
Total-Power		3789.96	379.66	4169.62	9162.45	-126.85	9035.60	5262.27	-130.06	5132.21	6598.50	-104.28	6494.22
37. Investment in Public Enterprises other than NE Region													
37.01 Investment in North Eastern Electric Power Corporation Ltd.	4801	62.34	...	62.34	...	...	...	...	...	...	...	...	...
37.02 Loans for Power Projects	6801	628.01	...	628.01	478.80	...	478.80	436.98	...	436.98	200.00	...	200.00
37.03 Loans to NEEPCO	6801	48.66	...	48.66	...	...	...	...	...	...	...	...	...
Total- Investment in Public Enterprises other than NE Region		739.01	...	739.01	478.80	...	478.80	436.98	...	436.98	200.00	...	200.00
38. Assistance to GNCT of Delhi to settle past DESU dues	7602	...	...	...	...	...	...	...	...	...	...	...	...
39. Actual Recoveries	2801	-7.63	...	-7.63	...	...	...	...	...	...	...	...	...
Grand Total		4522.09	404.93	4927.02	9642.00	-98.10	9543.90	5700.00	-102.00	5598.00	6799.74	-73.81	6725.93
	Head of Dev	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total	Budget Support	IEBR	Total
B. Investment in Public Enterprises													
34.01 National Thermal Power Corporation Ltd.	12801	...	21797.24	21797.24	...	22400.00	22400.00	...	22400.00	22400.00	...	23000.00	23000.00
34.02 National Hydro Electric Power Corporation Ltd.	12801	628.01	2591.02	3219.03	478.80	2745.46	3224.26	436.98	2108.78	2545.76	200.00	3979.89	4179.89
34.03 Damodar Valley Corporation Ltd.	12801	...	3004.63	3004.63	...	2764.99	2764.99	...	2286.73	2286.73	...	3682.93	3682.93
34.04 North Eastern Electric Power Corporation Ltd. (North Eastern Region Component)	12801	111.00	1447.19	1558.19	142.10	945.88	1087.98	41.03	1554.05	1595.08	75.00	1216.60	1291.60
34.05 Satluj Jal Vidyut Nigam Ltd.	12801	...	1054.05	1054.05	...	1091.93	1091.93	...	720.22	720.22	...	1175.00	1175.00
34.06 Tehri Hydro Development Corporation Ltd.	12801	30.00	374.30	404.30	62.92	793.76	856.68	55.79	718.40	774.19	30.00	1550.31	1580.31
34.07 Power Grid Corporation of India Ltd.	12801	...	23158.00	23158.00	...	20000.00	20000.00	...	20000.00	20000.00	...	20000.00	20000.00
Total		769.01	53426.43	54195.44	683.82	50742.02	51425.84	533.80	49788.18	50321.98	305.00	54604.73	54909.73
C. Plan Outlay													
1. Power	12801	4522.09	53426.43	57948.52	8677.78	50742.02	59419.80	5130.00	49788.18	54918.18	6119.74	54604.73	60724.47
2. North Eastern Areas	22552	...	...	...	964.22	...	964.22	570.00	...	570.00	680.00	...	680.00
Total		4522.09	53426.43	57948.52	9642.00	50742.02	60384.02	5700.00	49788.18	55488.18	6799.74	54604.73	61404.47

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.

10. **Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY):** Government of India has launched a new scheme Deendayal Upadhyaya Gram Jyoti Yojana (DDUGJY) with the objectives (a) To separate agriculture and non-agriculture feeders to facilitate Discoms in the judicious rostering of supply to agricultural & non-agricultural consumers (b) Strengthening and Augmentation of Sub Transmission & Distribution infrastructure in rural areas and (c) Rural electrification. The scope of works covered under the scheme are Feeder separation Creation of new sub-stations provision of micro-grid and off-grid distribution network HT/LT lines Augmentation of sub-stations and Metering at all levels. Under the scheme Govt. of India is providing financial support in the form of grant to the Discoms for implementation of the scheme. All Discoms including Private Sector Discoms are eligible for availing financial support under the scheme. The outlay of DDUGJY is ₹ 43033 crore which includes a budgetary support of Rs 33453 crore from the Govt. of India. The erstwhile RGGVY has been subsumed in DDUGJY as its Rural Electrification component. Under RGGVY upto 31.12.2014 a total of 1,08,913 un-electrified villages have been electrified, 3,14,160 villages have been intensively electrified and free electricity connections to 2,21,17,440 BPL households have been provided for and ₹ 29,628 crore have been released as subsidy. In addition to 648 projects sanctioned in 10th & 11th Plan, 273 projects have been sanctioned under RGGVY during 12th Five Year Plan, covering electrification of 12468 UE villages and 2,31,935 IE villages with a sanctioned cost of Rs 23607.39 crore.

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

12. **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.

13. **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.

14. **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.

15. **Energy Conservation:** The funds would be utilized for carrying out 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.

16. **Bureau of Energy Efficiency (BEE):** Funds would be provided to BEE for implementation of various energy efficiency initiatives in the areas of household lighting, commercial buildings, Standards & Labeling appliances, Demand Side Management in Agriculture or 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, Discoms etc. These initiatives by Government will enhance efficiency of energy consumption and reduce the rate of growth of energy consumption.

18. **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.

20. **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.

23. **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.

26. **Capital Support to DVC:** A token provision of Rs 1.00 crore has been kept for providing capital support to DVC.

28. **Smart Grid:** The scheme of Smart Grid is one of the schemes included in the 12th Plan with an outlay of ₹ 1000 crore. The scheme envisages setting up of an institutional mechanism by launching 'National Smart Grid Mission' which would serve the need of an electrical grid with automation, communication and IT systems that can monitor power flows from points of generation to point of consumption and ensure control of power flow or curtailment of loads matching generation on real time basis.

31. **Integrated Power Development Scheme:** The objective of the scheme is 24x7 power supply for consumers, reduction of AT&C losses and providing access to all households. The scheme has three major components namely improvement of sub-transmission and distribution system in urban areas, metering & IT enablement in distribution sector under ongoing R-APDRP scheme, which has been subsumed under IPDS, R-APDRP 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.

32. **Power System Operation Corporation Ltd. (POSOCO):** The Cabinet Committee on Economic Affairs has, in its meeting held on 10.12.2014 has approved the proposal of Setting up of POSOCO as an Independent Government Company under Ministry of Power.

33. **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).

34. **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.

35. **Power System Development Fund (PSDF):** PSDF Scheme has been approved by the Cabinet in the last Financial Year. The scheme envisages strengthening of existing distribution and transmission infrastructure by part funding through Grants. The Scheme would not require any net budgetary support from MOP as the expenditure on the projects would be funded from the receipts accruing from the regulatory charges levied by Central Electricity Regulatory Commission (CERC).

36.03. **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.

Power Sector Reforms (Transmission and Distribution): This will be an umbrella programme for power sector reforms and include schemes at serial number 28-36.

36.07. **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.

34.01. **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, 2014 the authorized share capital of NTPC is ₹ 10,000 crore and paid up capital of ₹ 8245.46 crore. NTPC including its JVs & subsidiaries has installed capacity of 43,143 MW as on 31 December, 2014. The Government of India stake in NTPC is 74.96% and balance 25.04% of paid-up equity is held by Banks, FIIs, MFs and Public.

34.02. **NHPC Limited:** NHPC Ltd. was set up in 1975 under Companies Act 1956 with a view to securing speedy, efficient and economical execution and operation of Hydro-Electric projects in the Central Sector. NHPC is a schedule A (Mini Ratna) Enterprise of the Government of India with an

authorized share capital of ₹15,000 crore and paid up capital as on 31.03.2014 is ₹11,071 crore. The total installed capacity of NHPC Limited including that of NHDC (Joint Venture Company with Govt. of Madhya Pradesh) as on 31.12.2014 is 6507 MW. NHPC is presently engaged in construction of 4 hydro projects with aggregate installed capacity of 3290 MW. It has also completed 3 projects on deposit work/turn key basis.

34.03. **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 31.12.2014 is 7745.20 MW.

34.04. **North Eastern Electric Power Corporation (NEEPCO):** The North Eastern Electric Power Corporation Limited (NEEPCO), a Schedule A Mini Ratna company under Ministry of Power, Government of India was set up on 2nd April, 1976 carries the objective of developing the power potential in India and abroad with special emphasis on the NE Region of the country through planned development and commissioning of power projects which in turn would promote the overall development of the country and NE region in particular. Authorised share capital of the company is Rs 5000 crore. The existing installed capacity of the company is 1130 MW comprising of 755 MW of Hydro and 375 MW of Gas Based Power. The company is executing 770 MW of Hydro Power Projects, 152 MW of Gas Based Power Projects and 5 MW of Solar projects which are under advanced stages of completion. The company is committed to add 2500 MW of renewable energy by March 2019.

34.05. **SJVN Limited (Formerly Nathpa Jhakri Power Corporation Limited NJPC):** SJVN Limited is a Schedule-A Mini Ratna company (Formerly Nathpa Jhakri Power Corporation Limited - NJPC) 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 projects. Govt. of India through an Initial Public Offer (IPO) of SJVN in the month of May, 2010, offered 10.03% of its share to the public and financial institutions. Current equity holding is GOI 64.47%, GOHP 25.50% and public 10.03%. The existing installed capacity of SJVN as on 31.12.2014 is 1959.6 MW which comprises 1500 MW Nathpa Jhakri Hydro Power Station, 412 MW Rampur Hydro Power Station and 47.6 MW Khirvire Wind Power. SJVN has also diversified into Wind, Solar, Thermal and Power Transmission.

35.06. **THDC India Limited:** THDC India Limited is a Joint Venture of Govt of India and Govt of Uttar Pradesh. The Equity is shared between GoI and GoUP in the ratio of 3:1. The Company was incorporated in July, 1988 to develop, operate and maintain the 2400 MW Tehri Hydro Power Complex and other hydro projects in Bhagirathi valley. The Authorised share capital of Corporation is Rs 4000 Cr and the Paid-up share Capital of the Company as on 31.03.14 was Rs 3473.10 Cr. THDCIL was conferred Miniratna Company-I status in Oct 09 and upgraded to Schedule A company in July 10 by the Govt of India. THDCIL is a multi project organisation having 15 projects totaling to an installed capacity of 6211 MW under operation/ various stages of development in Uttarakhand, UP, Maharashtra and Bhutan. The 2400 MW Tehri Hydro Power Complex comprises Tehri Dam & HPP (1000MW) , Koteshwar HEP (400 MW) and Tehri PSP (1000MW). The Corporation has successfully commissioned the Tehri & HPP (1000 MW) Stage-I and Koteshwar HEP (400 MW) during the tenth and eleventh plans respectively. 1000 MW Tehri PSP is under construction and is scheduled to be commissioned in thirteenth Plan. Vishnugad Pipalkoti Hydro Electric Project (444 MW) on river Alaknanda in Uttarakhand is under construction. The project is funded by for World Bank. The Project is scheduled to be commissioned in thirteenth plan, Dhukwan 24 MW SHP in Distt, Jhansi (UP) is under construction stage and scheduled to be commissioned in thirteenth Plan. Towards diversification of the company into other

energy areas, THDCIL has been entrusted with a coal based 1320 MW Khurja Super Thermal Power Station at Khurja in the state of Uttar Pradesh.

34.07. **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 Rs 5000 crore which has been enhanced to Rs 10000 crore. POWERGRID the Central Transmision Utility (CTU) of the country and a Navratna Company is engaged in bulk power transmission business at (765/400kV) Extra High Voltage (EHV) and (500kV) HVDC voltage level and is responsible for Operation of Regional and National Power Grids to facilitate transfer of power within and across the regions. As on 31 December 2014, company has transmision network comprising of 113389 ckm of EHV transmission lines and 188 numbers of sub-stations having transformation capacity of 219079 MVA in operation.