भार उत्पादन संतुलन रिपोर्ट

Load Generation Balance Report 2011-12

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority

(विद्युत अधिनियम, 2003 की धारा 73(ए) के तहत के.वि.प्रा. के सांविधिक दायित्व का निर्वहन करते हुए)
(In fulfilment of CEA's obligation under section 73 (a) of Electricity Act, 2003)

सत्यमेव जयते

Gurdial Singh
Chairperson
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& Ex-officio Secretary to
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Foreword

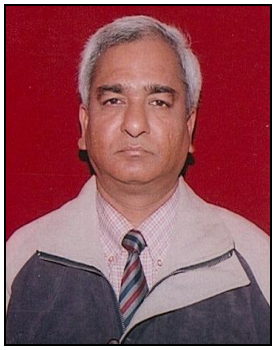
The annual Load Generation Balance Report (LGBR) for the year 2011-12 is the thirtieth publication in the series brought out by CEA. The Report covers the month-wise anticipated energy requirement and availability (in MU) as well as peak demand and availability (in MW) for the year 2011-12 considering all India annual generation target of 855 BU, finalized after detailed discussions with the State Electricity Boards/ Utilities and Central / State / Private Generation Companies and availability from import of Power from Generation Projects in Bhutan and also availability from non-conventional and renewable energy sources in the country. The report also brings out comparison of the actual Power Supply Position with the forecasted Power Supply Position indicated in LGBR for the year 2010-11.

During the year 2010-11, 16 nos. 400 kV lines in central sector, 17 nos. 400kV lines in state sector and 6 nos. lines in private sector have been commissioned. These would considerably enhance the inter-state and intra-state power transfer capability of the country. Efforts are also being made for enhanced capacity addition in the XI Five Year Plan. A generating capacity addition of 17,191 MW (including capacity of units slipped from 2010-11) has been considered in the LGBR for 2011-12. These measures are expected to help the deficit states to reduce their shortages.

I hope that the Load Generation Balance Report would provide valuable inputs to SEBs/ Utilities for their operational planning including bilateral tie-ups.

New Delhi
May, 2011

(Gurdial Singh)



सत्यमेव जयते

Kaushal K. Agrawal
Member (GO&D)
Central Electricity Authority
& Ex-officio Additional Secretary to
Government of India

Preamble

Load Generation Balance Report is brought out annually by Central Electricity Authority towards fulfilment of its obligations under section 73(a) of Indian Electricity Act 2003. The report provides information about the anticipated power supply position for the coming year in the country. This information enables the States/ Utilities to plan their power supply and demand so as to minimize the energy and peak shortages. The information on the anticipated power supply position in the various States would also be useful to those involved in the power trading. Two power exchanges already in operation namely Indian Energy Exchange (IEX) and Power Exchange India Ltd (PXI) facilitate optimum utilization of generation capacity.

The anticipated power supply position for the year 2011-12 is based on All India generation targets for the year as finalized by CEA after discussions with the concerned States/ Utilities/ Corporations and approved by Ministry of Power. Assessment of unrestricted peak demand and unrestricted energy requirement and peak and energy availability of constituent states of each Region has been done by the respective Regional Power Committees (RPCs) after review of the projections made by the constituent states, past data and the trend analysis. The inputs provided by the RPCs are analysed and the anticipated month-wise power supply position for each State, Region and the Country are prepared by Grid Management Division of CEA. As per this LGBR, most states would face both peaking and energy shortages during 2011-12. However, the actual shortage in a state would depend on the extent to which the state is able to get additional power from the surplus states.

I would like to place on record my appreciation for special efforts made by Shri K. N. Garg, Chief Engineer and Shri S. N. Kayal, Director in supervising the entire exercise and Shri Anzum Parwej, Deputy Director in compilation and bringing out this publication. Thanks are also due to Operation Performance Monitoring Division of CEA for setting out the Generation Targets for the year 2011-12 and the Member Secretaries of all the five RPCs along with their team for furnishing the requirement/ availability figures for 2011-12 after having detailed discussions with the constituents of the concerned region.

Feedbacks from the users for improvement in the Report are welcome.

(Kaushal K. Agrawal)

New Delhi
May, 2011

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EXECUTIVE SUMMARY

EXECUTIVE SUMMARY

1. The assessment of the anticipated power supply position in the Country during the year 2011-12 has been made taking into consideration the power availability from various stations in operation, fuel availability, and anticipated water availability at hydro electric stations. A capacity addition of 17191 MW during the year 2011-12 comprising 14111 MW of thermal, 2080 MW of hydro and 1000 MW of nuclear power stations has been considered. The gross energy generation in the country has been assessed as 855 BU from the power plants in operation and those expected to be commissioned during the year in consultation with generating companies/ SEBs and take into consideration the proposed maintenance schedule of the units during the year. The monthly power requirements for all States/ UTs in terms of peak demand and energy requirement have been assessed considering the past trend and finalized in consultation with the concerned authorities taking into consideration the specific requirement, if any. The power supply position of each state has been worked out and the assessment of surplus/ shortages has been made which has been discussed at the fora of Regional Power Committees. Based on the studies carried out as above, the anticipated power supply position of the Country, region-wise emerges as presented in the Table below:

State / Region	Energy				Peak			
	Requirement	Availability	Surplus(+)/ Deficit (-)		Demand	Met	Surplus(+)/ Deficit (-)	
	(MU)	(MU)	(MU)	(%)	(MW)	(MW)	(MW)	(%)
Northern	279581	249145	-30436	-10.9	41000	36140	-4860	-11.9
Western	287757	256237	-31520	-11.0	42422	37781	-4641	-10.9
Southern	250024	223814	-26210	-10.5	37247	31859	-5388	-14.5
Eastern	105461	97294	-8167	-7.7	17171	15185	-1986	-11.6
North-Eastern	10918	10884	-34	-0.3	2198	2068	-130	-5.9
All India	**933741**	**837374**	**-96367**	**-10.3**	**136193**	**118676**	**-17517**	**-12.9**

2. The energy availability and demand met includes generation from non-conventional energy sources and injection from CPPs.

3. The anticipated energy and peaking shortage in the country would be 10.3% and 12.9% respectively. The peaking shortage would prevail in all the regions varying from 5.9% in the North-Eastern region to 14.5% in the Southern Region. All regions would face energy shortage varying from 0.3% in the North-Eastern region to 11.0% in the Western region.

4. The State wise power supply position is given in the Table below. The month-wise power supply position in various states/ regions has been given in the Report. There would be surplus energy in some of the states of Northern Region having predominantly hydro systems during the monsoon months while shortage conditions would prevail during winter season. This information may be useful for the utilities having shortages to tie-up bilateral exchanges/ purchase of power from the states having surplus power.

Anticipated Power Supply Position in the Country during 2011-12

State / Region	Energy				Peak			
	Requirement	Availability	Surplus(+)/Deficit (-)		Requirement	Availability	Surplus(+)/Deficit (-)	
	(MU)	(MU)	(MU)	(%)	(MW)	(MW)	(MW)	(%)
Chandigarh	1660	1561	-99	-5.9	315	254	-61	-19.4
Delhi	27870	34581	6711	24.1	5000	5610	610	12.2
Haryana	35929	33777	-2152	-6.0	6500	6050	-450	-6.9
Himachal Pradesh	8626	9236	610	7.1	1400	2040	640	45.7
Jammu & Kashmir	14234	10631	-3603	-25.3	2500	1790	-710	-28.4
Punjab	49277	42349	-6928	-14.1	9800	7790	-2010	-20.5
Rajasthan	49095	45672	-3423	-7.0	7900	7220	-680	-8.6
Uttar Pradesh	82411	62975	-19436	-23.6	11800	8680	-3120	-26.4
Uttarakhand	10480	8363	-2116	-20.2	1600	1430	-170	-10.6
Northern Region	**279581**	**249145**	**-30436**	**-10.9**	**41000**	**36140**	**-4860**	**-11.9**
Chhattisgarh	24471	28697	4226	17.3	3025	2964	-61	-2.0
Gujarat	76072	74838	-1234	-1.6	11832	9569	-2263	-19.1
Madhya Pradesh	52050	41972	-10078	-19.4	9079	7371	-1708	-18.8
Maharashtra	124632	101123	-23509	-18.9	20200	14678	-5522	-27.3
Daman & Diu	2517	1903	-614	-24.4	370	224	-146	-39.5
D.N. Haveli	4695	4696	1	0.0	580	582	2	0.3
Goa	3320	3008	-312	-9.4	500	300	-200	-39.9
Western Region	**287757**	**256237**	**-31520**	**-11.0**	**42422**	**37781**	**-4641**	**-10.9**
Andhra Pradesh	88335	77608	-10727	-12.1	13916	11336	-2580	-18.5
Karnataka	52751	55256	2505	4.8	8680	8296	-384	-4.4
Kerala	19019	16689	-2330	-12.3	3400	3094	-306	-9.0
Tamil Nadu	87539	71767	-15772	-18.0	12755	10616	-2139	-16.8
Puducherry	2380	2494	114	4.8	358	349	-9	-2.5
Southern Region	**250024**	**223814**	**-26210**	**-10.5**	**37247**	**31859**	**-5388**	**-14.5**
Bihar	13706	11210	-2496	-18.2	2300	1605	-695	-30.2
DVC	18054	16668	-1386	-7.7	2650	2839	189	7.1
Jharkhand	7346	6540	-806	-11.0	1200	1189	-11	-0.9
Orissa	25430	21511	-3919	-15.4	3700	3836	136	3.7
West Bengal	40429	40421	-8	0.0	7210	5760	-1451	-20.1
Sikkim	496	944	448	90.5	130	159	28	21.8
Eastern Region	**105461**	**97294**	**-8167**	**-7.7**	**17171**	**15185**	**-1986**	**-11.6**
Arunachal Pradesh	595	589	-6	-1.1	148	127	-21	-14.2
Assam	6071	6021	-50	-0.8	1195	1069	-126	-10.5
Manipur	593	588	-5	-0.9	154	124	-30	-19.5
Meghalaya	1698	1652	-45	-2.7	495	477	-18	-3.6
Mizoram	391	408	16	4.2	106	78	-28	-26.4
Nagaland	660	597	-63	-9.5	157	118	-39	-24.8
Tripura	911	1029	118	13.0	221	196	-25	-11.3
North-Eastern Region	**10918**	**10884**	**-34**	**-0.3**	**2198**	**2068**	**-130**	**-5.9**
All India	**933741**	**837374**	**-96367**	**-10.3**	**136193**	**118676**	**-17517**	**-12.9**

Load Generation Balance Report for the Year 2010-11

Load Generation Balance Report for the Year 2011-12

1. INTRODUCTION

The Load Generation Balance Report brings out the month wise likely position of the power requirement and availability and identifies the States with surplus power which could be procured/ contracted by the States facing deficit. The Load Generation Balance Report, brought out by the CEA in the beginning of the year also presents a review of the actual power supply position during the previous year in the country and an assessment of the power requirement during the year in the various States as also power availability from generating stations owned by them, their share in the common/Central sector projects, long term agreements.

2. ACTUAL POWER SUPPLY POSITION DURING 2010-11

2.1 All India

During the year 2010-11, though the total ex-bus energy availability increased by 5.6% over the previous year and the peak met increased by 6.0%, the shortage conditions prevailed in the Country both in terms of energy and peaking availability as given below:

	Energy (MU)	Peak (MW)
Requirement	861,591	122,287
Availability	788,355	110,256
Shortage	73,236	12,031
(%)	8.5%	9.8%

The energy requirement registered a growth of 3.7% during the year against the projected growth of 5.6% and Peak demand registered a growth of 2.6% against the projected growth of 6.5%. The month wise power supply position in the Country during the year is given in **Annex-I**.

2.2 Region wise Power Supply Position

All the Regions in the Country namely Northern, Western, Southern, Eastern and North-Eastern Regions continued to experience energy as well as peak power shortage of varying magnitude on an overall basis, although there were short-term surpluses depending on the season or time of day. The surplus power was sold to deficit states or consumers either through bilateral contracts, Power Exchanges or traders. The energy shortage varied from 4.3% in the Eastern Region to 13.3% in the

Western Region. Region-wise picture in regard to actual power supply position in the country during the year 2010-11 in energy and peak terms is given below:

Region	Energy				Peak			
	Requirement	Availability	Surplus / Deficit (-)		Demand	Met	Surplus / Deficit (-)	
	(MU)	(MU)	(MU)	(%)	(MW)	(MW)	(MW)	(%)
Northern	258,780	237,985	-20,795	-8.0	37,431	34,101	-3,330	-8.9
Western	268,488	232,871	-35,617	-13.3	40,798	34,819	-5,979	-14.7
Southern	229,904	217,981	-11,923	-5.2	33,256	31,121	-2,135	-6.4
Eastern	94,558	90,526	-4,032	-4.3	13,767	13,085	-682	-5.0
North-Eastern	9,861	8,992	-869	-8.8	1,913	1,560	-353	-18.5

2.3 State wise Annual Actual Power Supply Position

The details of annual power supply position in terms of energy requirement vis-à-vis energy availability of various States/ Systems during the year 2010-11 are given in **Annex – II**.

It may be seen that in the **Northern Region** Chandigarh, Delhi and Rajasthan faced negligible energy shortage. Himachal Pradesh, Haryana, Punjab and Uttarakhand experienced energy shortages in the range of 3-6% whereas the shortage in Uttar Pradesh was 15%. The maximum energy shortage in Northern Region was in Jammu & Kashmir and was 25%.

In the **Western Region**, Dadra & Nagar Haveli faced negligible energy shortage. Chhattisgarh and Goa faced energy shortage in the range of 1-3%. Gujarat and Daman & Diu faced energy shortages in the range of 5-9%. Maharashtra faced energy shortage of 16.6% whereas the maximum energy shortage in Western Region was in Madhya Pradesh and was 20.2%.

In the **Southern Region**, Kerala, Andhra Pradesh and Puducherry faced energy shortages in the range of 1-4% whereas the shortage in Tamil Nadu was 6.5%.The maximum energy shortage in Southern Region was in Karnataka and was 7.6%.

In **Eastern Region**, Sikkim and Orissa faced negligible energy shortage. West Bengal and Jharkhand faced energy shortages in the range of 1-4% whereas DVC faced energy shortage of 9.2%. The maximum shortage of 13% was faced by Bihar.

In the **North-Eastern Region**, Assam, Manipur, Meghalaya, Tripura and Nagaland faced energy shortages in the range of 6-13%. The energy shortages witnessed in Mizoram was 14.6%. The maximum energy shortage in North-Eastern Region was in Arunachal Pradesh at 14.7%. The shortages witnessed were partly on account of

constraints in transmission, sub-transmission & distribution system and/ or financial constraints.

The constituent-wise details of actual peak demand vis-à-vis peak met during the year 2010-11 are shown in **Annex-III**. It may be seen that the Northern, Western, Southern, Eastern and North Eastern Regions faced peaking shortage of 8.9%, 14.7%, 6.4%, 5.0% and 18.5% respectively.

2.4 Month wise Actual Power Supply position during 2010-11

The month wise power supply position of various states of the Country is given in **Annex-IV(a) and IV(b)**.

2.5 Inter-Regional/ Inter-State Exchanges

Efforts were made for optimal utilization of the available electricity in the country by enhancing inter-regional/ inter-state exchanges. The total inter-state and inter-regional exchange during the year 2010-11 was 52269 MU which was 33% more than the previous year. This helped in mitigating the shortages in various constituent States/ systems. The energy exchanges among various States / Regions during the year 2010-11 are shown in **Annex-V**.

2.6 Power Supply from Central Generating Stations

The scheduled energy drawal by the beneficiary States/ UTs vis-à-vis their entitlement from Central Generating Stations during the year 2010-11 is given in **Annex-VI**.

3. REVIEW OF LGBR FOR THE YEAR 2010-11

3.1 All India

The forecast of all India energy requirement, energy availability, peak demand and peak met for the year 2010-11 were close to the actual. Forecast vis-à-vis actual power supply position of the country is given below:

Power Supply Position	LGBR	Actual	Deviation (%)
Energy Requirement (MU)	876856	861591	-1.7
Energy Availability (MU)	784006	788355	0.6
Peak Demand (MW)	126951	122287	-3.7
Peak Demand Met (MW)	111533	110256	-1.1

The actual requirement of energy was less than the forecast; however, the energy availability was more than the target envisaged during preparation of LGBR. The actual peak demand was less than the anticipated peak demand resulting in higher load factor than the anticipated.

3.2 Region wise/ State wise

A comparison of the constituent-wise actual power supply position both in terms of peak and energy as against the forecast in respect of various regions for the year 2010-11 is given in **Annex -VII(A) & VII(B)** respectively. Variation in energy availability and peak met of the states were caused by changes in allocation from central sector projects and bilateral energy contracts of the states, which were not envisaged during the preparation of LGBR. Region wise analysis of forecast vis-à-vis actual power supply position is given below:

3.2.1 Northern Region

Forecast vis-à-vis actual power supply position of Northern Region is given below:

Power Supply Position	LGBR	Actual	Deviation (%)
Energy Requirement (MU)	271068	258780	-4.5
Energy Availability (MU)	237575	237985	0.2
Peak Demand (MW)	40000	37431	-6.4
Peak Demand Met (MW)	33220	34101	2.7

The forecast of energy requirement, energy availability, peak demand and peak met in the Northern Region for 2010-11 were quite close to the actual during the year. While the actual energy requirement and peak demand were lower by 4.5% and 6.4% respectively, the actual energy availability and peak met were higher by 0.2% and 2.7% respectively than the forecast. The actual energy shortage was 8.0% as compared to forecast figure of 12.4%. The actual peak demand of the Northern Region was less than the anticipated on account of heavy rainfall in the region resulting in lower demand of irrigation pumping in the region.

There was no energy shortage in Chandigarh against a forecasted shortage of 9.1%. Delhi had marginal shortage against projected surplus of 36.3%. Haryana had energy shortage of 5.6% which is lower than the forecasted figure of 24.5% on account of lower energy requirement and higher energy availability as compared to the forecast. The actual energy shortage in the case of Himachal Pradesh was 3.4% as against the anticipated energy surplus of 15.9% on account of sale of power

by Himachal Pradesh to other parts of the country. The actual shortage in case of Jammu & Kashmir was 25.0% against anticipated shortage of 21.5% due to lower energy availability than anticipated. In case of Punjab the actual energy shortage was 6.0% against a forecast of 14.4% on account of lower energy requirement. Rajasthan had marginal energy shortage of 0.9% against a forecast of 0.8%. Uttar Pradesh had energy shortage of 15.0% against a forecast of 28.4% due to lower requirement and higher availability than anticipated. Uttarakhand experienced a shortage of 6.0% against anticipated energy shortfall of 14.8% during the year.

3.2.2 Western Region

Forecast vis-à-vis actual power supply position of Western Region is given below:

Power Supply Position	LGBR	Actual	Deviation (%)
Energy Requirement (MU)	262768	268488	2.2
Energy Availability (MU)	236334	232871	-1.5
Peak Demand (MW)	40210	40798	1.5
Peak Demand Met (MW)	34732	34819	0.2

The forecast of energy requirement, energy availability, peak demand and peak met in the Western Region were close to the actual. The actual figures of energy requirement, peak demand and peak met were higher by 2.2%, 1.5%, and 0.2% respectively than the predicted figures whereas the actual energy availability was lower by 1.5% than the anticipated. The actual energy shortage in the Region was 13.3% as compared to forecasted figure of 10.1%. The actual peak demand of the Western Region was more than the anticipated leading to lower load factor.

The actual energy shortage in the Western Region was more than the forecasted figure on account of higher requirement. All the states of Western Region except Madhya Pradesh and Maharashtra experienced lower shortage than the forecast due to lower energy requirement than anticipated. The higher energy availability in Maharashtra, Daman & Diu and Dadra and Nagar Haveli was due to import of power through bilateral contracts or traders. Chhattisgarh had energy shortage of 1.7% against forecast of 4.2% due to much lower energy requirement than the forecast. Gujarat had energy shortage of 5.7% against a forecast of 7.9%. Madhya Pradesh experienced actual energy shortage of 20.2% against a forecast of 11.4% due to lower energy availability. The actual energy shortage in Maharashtra was 16.6%, higher than the estimated energy shortage of 11.6%. In case of Goa, the actual energy shortage was 2.1% against the anticipated energy shortage of 3.0%.

Daman & Diu faced much lower energy shortage of 8.4% than the anticipated energy shortage of 29.7% primarily due to the higher actual energy availability than the forecasted figure. Dadra and Nagar Haveli faced negligible energy shortage against a forecasted shortage of 10.8% due to higher actual energy availability than anticipated.

3.2.3 Southern Region

Forecast vis-à-vis actual power supply position of Southern Region is given below:

Power Supply Position	LGBR	Actual	Deviation (%)
Energy Requirement (MU)	232907	229904	-1.3
Energy Availability (MU)	200192	217981	8.9
Peak Demand (MW)	34224	33256	-2.8
Peak Demand Met (MW)	28450	31121	9.4

The actual energy availability and peak met in Southern Region were higher by 8.9% and 9.4% respectively whereas the actual energy requirement and peak demand were lower by 1.3% and 2.8% respectively than the predicted figures. The actual energy shortage in the Region was 5.2% as compared to forecast figure of 14.1%. The actual peak demand of the Southern Region was less than the anticipated on account of higher load factor and demand side management measures taken by states.

The actual energy shortage in the Southern Region was less than the predicted figure mainly on account of higher availability and lower requirement than the forecast. The actual energy shortage in Andhra Pradesh was 3.2% as against the anticipated shortage of 11.6%. The actual energy shortage in Karnataka was 7.6% as against the anticipated shortage of 13.3%, due to higher energy availability as compared to the anticipated even though the actual energy requirement was also higher than the forecast. The actual energy shortage in Kerala was 1.4% as against the anticipated shortage of 10.1% due to lower energy requirement and higher energy availability than the forecast. The actual energy shortage in Tamil Nadu was 6.5% as against the anticipated shortage of 18.4% on account of higher availability than the forecast. The actual energy shortage in Puducherry was 4.0% as against the anticipated shortage of 5.7%.

3.2.4 Eastern Region

Forecast vis-à-vis actual power supply position of Eastern Region is given below:

Power Supply Position	LGBR	Actual	Deviation (%)
Energy Requirement (MU)	98451	94558	-4.0
Energy Availability (MU)	101707	90526	-11.0
Peak Demand (MW)	16202	13767	-15.0
Peak Demand Met (MW)	16568	13085	-21.0

The actual energy requirement, energy availability, peak demand and peak met in Eastern Region during 2010-11 were lower than anticipated by 4.0%, 11.0%, 15.0% and 21.0% respectively. There was energy shortage of 4.3% in the Eastern Region against anticipated surplus of 3.3%. This was mainly due to lower energy availability as compared to the forecast as most of Eastern Regional states traded their surplus power, which was not accounted for in the LGBR. The actual peak demand of the Eastern Region was less than the forecast due to less than anticipated growth.

The actual energy shortage in Sikkim was nil against projected surplus of 91.3%. Orissa faced marginal actual energy shortage of 0.3% against anticipated energy shortage of 7.4%. The energy shortages in West Bengal, Jharkhand and Damodar Valley Corporation (DVC) were 1.7%, 3.4% and 9.2% as against projected surplus of 16.9%, 2.1% and 2.3% due to lower energy availability than anticipated. Bihar faced energy shortage of 13.0% against anticipated shortage of 15.7 due to lesser requirement than the forecast.

3.2.5 North Eastern Region

Forecast vis-à-vis actual power supply position of North Eastern Region is given below:

Power Supply Position	LGBR	Actual	Deviation (%)
Energy Requirement (MU)	11662	9861	-15.4
Energy Availability (MU)	8199	8992	9.7
Peak Demand (MW)	1957	1913	-2.2
Peak Demand Met (MW)	1679	1560	-7.1

The actual energy requirement, peak demand and peak met in North Eastern Region during 2010-11 were lower than anticipated by 15.4%, 2.2% and 7.1%

respectively however; the actual energy availability during the year was 9.7% more than anticipated. The actual energy shortage in the Region was 8.8% as compared to forecast figure of 29.7%. The actual peak demand of the North Eastern Region was less than the forecasted peak demand due to less than anticipated growth.

The actual energy shortages in Assam, Manipur, Meghalaya, Mizoram and Nagaland were respectively 6.3%, 11.1%, 12.5%, 14.6% and 10.8% which were lower than the forecasted shortages of 22.8%, 31.4%, 54.5%, 33.4% and 41.0% respectively. The main reason for less energy shortages than the anticipated were lower actual energy requirement vis-à-vis the corresponding anticipated figures. The actual energy shortage in the case of Arunachal Pradesh and Tripura were 14.7% and 9.2% against anticipated shortages of 0.7% and 4.7% respectively due to lower energy availability than the forecast. The lower energy availability was due to net export of power by Arunachal Pradesh and Tripura through bilateral contracts or through traders and underdrawal of power vis-à-vis the scheduled drawal by Arunachal Pradesh and Tripura.

4. LOAD GENERATION BALANCE REPORT FOR THE YEAR 2011-12

4.1 Overview

The exercise for anticipated power supply position in the country for the next year 2011-12 involves (a) assessment of power requirements in each State (month wise) in terms of unrestricted energy requirement and peak demand and (b) realistic estimate of electricity availability both in terms of energy and capacity from various sources. While the peak demand and energy requirement in the States are worked out on the basis of the trend analysis considering the actual data for the preceding years as also the specific load requirements, if any, as per established methodology; the energy availability is worked out on the basis of generation targets set by the Operations Performance Monitoring Division, CEA after detailed consultations with the generating companies/SEBs and approved by Ministry of Power. The Regional Power Committees prepare the estimates of month-wise power requirement and availability for each of its constituents and finalize the same in consultation with them. The region wise power supply position is coordinated in Grid Management Division, CEA to arrive at the all India power supply position.

The studies carried out for anticipated power supply position for the year 2011-12, indicate that there would be energy shortage of 10.3% and peak shortage of 12.9% in the country during 2011-12.

The methodology for assessment of power supply position in the country, each Region and State is discussed in the succeeding paragraphs.

4.2 Assessment of Power Supply Position

4.2.1 Energy Generation Targets

The assessment of gross energy generation in the country during the year 2011-12 has been carried-out in CEA taking into consideration the past operation performance of the thermal plant, their vintage, maintenance schedule of the generating units, partial and forced outages and availability of fuel etc. The maintenance schedule of nuclear/ coal/ lignite based thermal power generating stations for the year 2011-12 (as on 31/03/2011) is given in **Annex-VIII**. In case of hydroelectric power plants the storage position of reservoirs, extent of utilization of stored waters till the onset of next monsoon, estimates of carryover waters to next hydrological year and estimates of generation considering the anticipated inflows and past performance are taken into consideration while estimating gross generation. The generation from new units considering their commissioning schedule has also been included in the estimates of the generation targets. A capacity addition programme of 17191 MW during the year has been considered comprising as under:

Category	Installed Capacity (MW)
Thermal	14111
Hydro	2080
Nuclear	1000
Total	**17191**

The details of the new generating units for benefits during 2011-12 along with the commissioning schedule are given in the **Annex-IX.** The gross energy generation target of 855 BU for the year 2011-12, fixed in consultation with the various generating companies and approved by Ministry of Power is detailed as under:

Type	Generation Target (MU)
Thermal	712234
Nuclear	25130
Hydro	112050
Bhutan Import	5586
Total	**855000**

4.2.2 Assessment of Energy Availability

The net energy availability (ex-bus) corresponding to gross energy target as finalized in CEA/ MoP [following the procedure as discussed above] is computed for all generating plants taking into consideration the normative auxiliary

consumption. The energy availability in each State is worked out at respective Regional Power Committee Secretariat as under:

(a) Generation from generating plants owned by the State,

(b) Share of Power from the common projects,

(c) Allocation of firm power from Central Generating Stations,

(d) Allocation from unallocated quota of power from Central generating stations as per the allocation in vogue.

(e) Energy import-export under long term bilateral agreements

The allocation of unallocated power from Central generating stations as on 31.03.2011 is given in **Annex-X**. **The short-term exchange as per bilateral contracts and exchange of energy through exchanges is not taken into consideration. Depending upon the actual exchanges and over drawal /under drawls of energy against schedule, the availability of power to a State may change.**

4.2.3 Assessment of Peak Availability

The estimated peak availability is calculated from the units available for generation for various utilities in different months after considering schedule maintenance in the RPC forum and auxiliary consumptions.

4.2.4 Assessment of Power Requirement

The assessment of the constituent-wise unrestricted peak demand and energy requirement of each region is made using the past data and trend analysis with the concerned state/ UTs and finalized after detailed discussions at respective RPCs (for the forecast of the peak demand and energy requirement). The actual power requirement in Arunachal Pradesh and Meghalaya would depend on the materialization of the construction power/ industrial load for which provision have been made.

4.2.5 Assessment of Shortage/Surplus

The anticipated electricity shortage or surpluses are calculated as a difference between the net unrestricted anticipated requirement and the net anticipated availability in terms of energy and peak demand.

4.3 Consultations with States/UTs

The exercise for arriving at the targets for anticipated energy generation during the year 2011-12 has been carried out in CEA following a detailed consultation process with the generating companies where the aspects like the maintenance schedule are also discussed and finalized. The month wise power requirements

and the net peak and energy availability have been discussed at RPC level with their constituents and finalized based on the total energy availability target finalized by CEA/ MoP.

4.4 Anticipated Power Supply Position during 2011-12

4.4.1 All India

During the year 2011-12, there would be energy shortage of 10.3% and peak shortage of 12.9%. The annual energy requirement and availability and peak demand and peak availability in the country are given in the Table below.

Table 1: Power Supply Position in the Country during 2011-12

Particulars	Energy (MU)	Peak (MW)
Requirement	933741	136193
Availability	837374	118676
Surplus(+)/Shortage (-)	-96367	-17517
Surplus(+)/Shortage(-) %	-10.3%	-12.9%

The month wise power supply position in the country is given at **Annex-XI**.

4.4.2 Region wise Power Supply Position

The region wise anticipated annual power supply position for 2011-12 is given in the Table below:

State / Region	Energy				Peak			
	Requirement	Availability	Surplus(+)/ Deficit (-)		Demand	Met	Surplus(+)/ Deficit (-)	
	(MU)	(MU)	(MU)	(%)	(MW)	(MW)	(MW)	(%)
Northern	279581	249145	-30436	-10.9	41000	36140	-4860	-11.9
Western	287757	256237	-31520	-11.0	42422	37781	-4641	-10.9
Southern	250024	223814	-26210	-10.5	37247	31859	-5388	-14.5
Eastern	105461	97294	-8167	-7.7	17171	15185	-1986	-11.6
North-Eastern	10918	10884	-34	-0.3	2198	2068	-130	-5.9
All India	**933741**	**837374**	**-96367**	**-10.3**	**136193**	**118676**	**-17517**	**-12.9**

It may be seen that the North-Eastern region would face marginal energy shortage of 0.3%. All other regions would face energy shortage varying from 7.7% in the Eastern region to 11.0% in the Western region. The peaking shortage is expected to prevail in all the regions varying from 5.9% in the North-Eastern region to 14.5% in the Southern Region.

The month wise power supply position in Northern, Western, Southern, Eastern and North Eastern regions is given in the **Annex-XII(a)** to **Annex- XII(e).**

The pattern of electricity demand in the country, Northern, Western, Southern, Eastern and North Eastern Regions during 2007-08, 2008-09, 2009-10 and 2010-11 along with forecasted demand patterns for 2011-12 are given at **Exhibit-1(a)** to **Exhibit -1(f)** respectively.

4.5 State wise Power Supply Position

The State/UT wise annual power supply position in each State/ UT is given in the **Annex-XIII**. It may be seen that 22 States/UTs would have energy as well as peak deficit of varying degrees and 3 States/ UTs would have net surplus energy as well as peak on annual basis.

Range	Number of States	
	Energy	Peak
Deficit		
above 20%	4	10
10% - 20%	9	10
5% - 10%	6	3
0% - 5%	6	5
Total	**25**	**28**
Surplus		
above 20%	2	2
10% - 20%	2	1
5% - 10%	1	1
0% - 5%	4	2
Total	**9**	**6**

The month wise details of energy requirement and peak demand and corresponding availability are given in the **Annex-XIV**.

It may be seen that the hydro rich States having run of river schemes on the Himalayan rivers viz. Himachal Pradesh, Jammu & Kashmir, and Uttarakhand are surplus in energy during monsoon period, while they would face severe shortage conditions during the winter low inflow months when the generation from hydro schemes dwindles to the minimum. The constituent states/UT of Delhi, Himachal Pradesh, Dadra & Nagar Haveli and Sikkim shall have both peaking and energy surplus on annual basis.

The State of Chhattisgarh, Karnataka, Puducherry, Mizoram and Tripura would have surplus in terms of energy whereas Orissa will be in comfortable position in terms of peak on annual basis.

All other States in the country would have electricity shortages of varying degrees both in term of energy and peaking.

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ANNEXES

Month wise power supply position of India in 2010-11

Year	Demand (MW)				Energy (MU)			
	Peak Demand	Demand Met	Surplus (+)/ Deficit (-)	(%) Surplus/ Deficit	Energy requirement	Availability	Surplus (+)/ Deficit (-)	(%) Surplus/ Deficit
April 10	119437	102410	-17027	-14.3	75259	64306	-10953	-14.6
May 10	117171	103003	-14168	-12.1	74363	65810	-8553	-11.5
June 10	116706	102149	-14557	-12.5	70972	64244	-6728	-9.5
July 10	114015	99762	-14253	-12.5	70620	64612	-6008	-8.5
August 10	114844	102493	-12351	-10.8	70378	65219	-5159	-7.3
September 10	117076	106926	-10150	-8.7	67756	64074	-3682	-5.4
October 10	117479	107286	-10193	-8.7	73277	68272	-5005	-6.8
November 10	112900	104429	-8471	-7.5	64193	60159	-4034	-6.3
December 10	117355	104791	-12564	-10.7	71249	65467	-5782	-8.1
January 11	120575	108212	-12363	-10.3	75489	69532	-5957	-7.9
February 11	121077	108507	-12570	-10.4	69059	63772	-5287	-7.7
March 11	122287	110256	-12031	-9.8	78976	72888	-6088	-7.7
Annual	**122287**	**110256**	**-12031**	**-9.8**	**861591**	**788355**	**-73236**	**-8.5**

Annex - II

Actual power supply position in terms of energy requirement vis-à-vis energy availability of various States/ Systems during the year 2010-11

Region / State / System	Requirement (MU)	Availability (MU)	Surplus / Deficit(-) (MU)	(%)
All India	**861,591**	**788,355**	**-73,236**	**-8.5**
Northern Region	**258,780**	**237,985**	**-20,795**	**-8.0**
Chandigarh	1,519	1,519	0	0.0
Delhi	25,625	25,559	-66	-0.3
Haryana	34,552	32,626	-1,926	-5.6
Himachal Pradesh	7,626	7,364	-262	-3.4
Jammu & Kashmir	13,571	10,181	-3,390	-25.0
Punjab	44,484	41,799	-2,685	-6.0
Rajasthan	45,261	44,836	-425	-0.9
Uttar Pradesh	76,292	64,846	-11,446	-15.0
Uttarakhand	9,850	9,255	-595	-6.0
Western Region	**268,488**	**232,871**	**-35,617**	**-13.3**
Chhattisgarh	10,340	10,165	-175	-1.7
Gujarat	71,651	67,534	-4,117	-5.7
Madhya Pradesh	48,437	38,644	-9,793	-20.2
Maharashtra	128,296	107,018	-21,278	-16.6
Daman & Diu	2,181	1,997	-184	-8.4
Dadra & Nagar Haveli	4,429	4,424	-5	-0.1
Goa	3,154	3,089	-65	-2.1
Southern Region	**229,904**	**217,981**	**-11,923**	**-5.2**
Andhra Pradesh	78,970	76,450	-2,520	-3.2
Karnataka	50,474	46,624	-3,850	-7.6
Kerala	18,023	17,767	-256	-1.4
Tamil Nadu	80,314	75,101	-5,213	-6.5
Puducherry	2,123	2,039	-84	-4.0
Eastern Region				
Bihar	12,384	10,772	-1,612	-13.0
Damodar Valley Corporation	16,590	15,071	-1,519	-9.2
Jharkhand	6,195	5,985	-210	-3.4
Orissa	22,506	22,449	-57	-0.3
West Bengal	36,481	35,847	-634	-1.7
Sikkim	402	402	0	0.0
North-Eastern Region	**9,861**	**8,992**	**-869**	**-8.8**
Arunachal Pradesh	511	436	-75	-14.7
Assam	5,403	5,063	-340	-6.3
Manipur	568	505	-63	-11.1
Meghalaya	1,545	1,352	-193	-12.5
Mizoram	369	315	-54	-14.6
Nagaland	583	520	-63	-10.8
Tripura	882	801	-81	-9.2

Annex - III

Actual power supply position in terms of peak demand vis-à-vis peak met of various States/ Systems during the year 2010-11

Region / State / System	Peak Demand (MW)	Peak Met (MW)	Surplus / Deficit(-) (MW)	(%)
All India	**122,287**	**110,256**	**-12,031**	**-9.8**
Northern Region	**37,431**	**34,101**	**-3,330**	**-8.9**
Chandigarh	301	301	0	0.0
Delhi	4,810	4,739	-71	-1.5
Haryana	6,142	5,574	-568	-9.2
Himachal Pradesh	1,278	1,187	-91	-7.1
Jammu & Kashmir	2,369	1,571	-798	-33.7
Punjab	9,399	7,938	-1,461	-15.5
Rajasthan	7,729	7,442	-287	-3.7
Uttar Pradesh	11,082	10,672	-410	-3.7
Uttarakhand	1,520	1,520	0	0.0
Western Region	**40,798**	**34,819**	**-5,979**	**-14.7**
Chhattisgarh	3,148	2,838	-310	-9.8
Gujarat	10,786	9,947	-839	-7.8
Madhya Pradesh	8,864	8,093	-771	-8.7
Maharashtra	19,766	16,192	-3,574	-18.1
Daman & Diu	353	328	-25	-7.1
Dadra & Nagar Haveli	594	594	0	0.0
Goa	544	467	-77	-14.2
Southern Region	**33,256**	**31,121**	**-2,135**	**-6.4**
Andhra Pradesh	12,630	11,829	-801	-6.3
Karnataka	8,430	7,815	-615	-7.3
Kerala	3,295	3,103	-192	-5.8
Tamil Nadu	11,728	10,436	-1,292	-11.0
Puducherry	319	302	-17	-5.3
Eastern Region	**13,767**	**13,085**	**-682**	**-5.0**
Bihar	2,140	1,659	-481	-22.5
Damodar Valley Corporation	2,059	2,046	-13	-0.6
Jharkhand	1,108	1,052	-56	-5.1
Orissa	3,872	3,792	-80	-2.1
West Bengal	6,162	6,112	-50	-0.8
Sikkim	106	104	-2	-1.9
North-Eastern Region	**1,913**	**1,560**	**-353**	**-18.5**
Arunachal Pradesh	101	85	-16	-15.8
Assam	971	937	-34	-3.5
Manipur	118	115	-3	-2.5
Meghalaya	294	284	-10	-3.4
Mizoram	76	70	-6	-7.9
Nagaland	118	110	-8	-6.8
Tripura	220	197	-23	-10.5

Month wise power supply position of States/ UTs during the year 2010-11

(in terms of energy)

State/ Region	Apr/10	May/10	Jun/10	Jul/10	Aug/10	Sep/10	Oct/10	Nov/10	Dec/10	Jan/11	Feb/11	Mar/11	2010-11
Chandigarh													
Requirememnt (MU)	134	160	149	143	142	133	121	96	112	129	94	106	**1519**
Availability (MU)	134	160	149	143	142	133	121	96	112	129	94	106	**1519**
Surplus(+)/Deficit (-) (MU)	0	0	0	0	0	0	0	0	0	0	0	0	**0**
(%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**
Delhi													
Requirememnt (MU)	2336	2698	2629	2730	2463	2206	2034	1605	1675	1938	1546	1765	**25625**
Availability (MU)	2321	2689	2623	2717	2457	2201	2031	1604	1673	1936	1544	1763	**25559**
Surplus(+)/Deficit (-) (MU)	-15	-9	-6	-13	-6	-5	-3	-1	-2	-2	-2	-2	**-66**
(%)	-0.6	-0.3	-0.2	-0.5	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	**-0.3**
Haryana													
Requirememnt (MU)	2492	2917	3047	3351	3385	2825	3090	2537	2752	2980	2387	2789	**34552**
Availability (MU)	2028	2675	2912	3177	3218	2717	2976	2441	2678	2769	2325	2710	**32626**
Surplus(+)/Deficit (-) (MU)	-464	-242	-135	-174	-167	-108	-114	-96	-74	-211	-62	-79	**-1926**
(%)	-18.6	-8.3	-4.4	-5.2	-4.9	-3.8	-3.7	-3.8	-2.7	-7.1	-2.6	-2.8	**-5.6**
Himachal Pradesh													
Requirememnt (MU)	599	634	593	625	620	616	638	608	690	710	651	642	**7626**
Availability (MU)	576	601	582	622	610	613	627	607	561	704	624	637	**7364**
Surplus(+)/Deficit (-) (MU)	-23	-33	-11	-3	-10	-3	-11	-1	-129	-6	-27	-5	**-262**
(%)	-3.8	-5.2	-1.9	-0.5	-1.6	-0.5	-1.7	-0.2	-18.7	-0.8	-4.1	-0.8	**-3.4**
Jammu & Kashmir													
Requirememnt (MU)	1140	1125	1061	1073	1047	1140	1147	1168	1249	1281	915	1225	**13571**
Availability (MU)	830	854	795	783	782	794	860	876	937	961	796	913	**10181**
Surplus(+)/Deficit (-) (MU)	-310	-271	-266	-290	-265	-346	-287	-292	-312	-320	-119	-312	**-3390**
(%)	-27.2	-24.1	-25.1	-27.0	-25.3	-30.4	-25.0	-25.0	-25.0	-25.0	-13.0	-25.5	**-25.0**
Punjab													
Requirememnt (MU)	3459	3891	4596	4946	5054	4210	3648	2750	3073	2984	2614	3259	**44484**
Availability (MU)	2775	3549	4345	4680	4740	4091	3527	2693	2955	2822	2475	3147	**41799**
Surplus(+)/Deficit (-) (MU)	-684	-342	-251	-266	-314	-119	-121	-57	-118	-162	-139	-112	**-2685**
(%)	-19.8	-8.8	-5.5	-5.4	-6.2	-2.8	-3.3	-2.1	-3.8	-5.4	-5.3	-3.4	**-6.0**
Rajasthan													
Requirememnt (MU)	3633	3839	3577	3481	3023	3053	3903	3476	4287	4584	3979	4426	**45261**
Availability (MU)	3502	3762	3547	3407	3014	3053	3903	3476	4261	4556	3951	4404	**44836**
Surplus(+)/Deficit (-) (MU)	-131	-77	-30	-74	-9	0	0	0	-26	-28	-28	-22	**-425**
(%)	-3.6	-2.0	-0.8	-2.1	-0.3	0.0	0.0	0.0	-0.6	-0.6	-0.7	-0.5	**-0.9**

Month wise power supply position of States/ UTs during the year 2010-11

(in terms of energy)

State/ Region	Apr/10	May/10	Jun/10	Jul/10	Aug/10	Sep/10	Oct/10	Nov/10	Dec/10	Jan/11	Feb/11	Mar/11	2010-11
Uttar Pradesh													
Requirememnt (MU)	6535	6681	6622	6540	6373	5915	6313	5726	6468	6883	5758	6478	**76292**
Availability (MU)	4866	5287	5569	5414	5514	5370	5638	5032	5544	5759	5020	5833	**64846**
Surplus(+)/Deficit (-) (MU)	-1669	-1394	-1053	-1126	-859	-545	-675	-694	-924	-1124	-738	-645	**-11446**
(%)	-25.5	-20.9	-15.9	-17.2	-13.5	-9.2	-10.7	-12.1	-14.3	-16.3	-12.8	-10.0	**-15.0**
Uttarakhand													
Requirememnt (MU)	781	846	846	838	816	770	794	757	901	905	764	832	**9850**
Availability (MU)	640	722	775	812	782	747	787	746	828	861	747	808	**9255**
Surplus(+)/Deficit (-) (MU)	-141	-124	-71	-26	-34	-23	-7	-11	-73	-44	-17	-24	**-595**
(%)	-18.1	-14.7	-8.4	-3.1	-4.2	-3.0	-0.9	-1.5	-8.1	-4.9	-2.2	-2.9	**-6.0**
Northern Region													
Requirememnt (MU)	21109	22791	23120	23727	22923	20868	21688	18723	21207	22394	18708	21522	**258780**
Availability (MU)	17672	20299	21297	21755	21259	19719	20470	17571	19549	20497	17576	20321	**237985**
Surplus(+)/Deficit (-) (MU)	-3437	-2492	-1823	-1972	-1664	-1149	-1218	-1152	-1658	-1897	-1132	-1201	**-20795**
(%)	-16.3	-10.9	-7.9	-8.3	-7.3	-5.5	-5.6	-6.2	-7.8	-8.5	-6.1	-5.6	**-8.0**
Chhattisgarh													
Requirememnt (MU)	972	725	670	819	943	1065	879	716	776	844	819	1112	**10340**
Availability (MU)	910	708	661	808	932	1060	873	711	772	835	805	1090	**10165**
Surplus(+)/Deficit (-) (MU)	-62	-17	-9	-11	-11	-5	-6	-5	-4	-9	-14	-22	**-175**
(%)	-6.4	-2.3	-1.3	-1.3	-1.2	-0.5	-0.7	-0.7	-0.5	-1.1	-1.7	-2.0	**-1.7**
Gujarat													
Requirememnt (MU)	6679	6669	5920	5057	4859	5021	7149	5388	6343	6328	5782	6456	**71651**
Availability (MU)	6002	6180	5551	4869	4742	4909	6660	5030	5805	5895	5535	6356	**67534**
Surplus(+)/Deficit (-) (MU)	-677	-489	-369	-188	-117	-112	-489	-358	-538	-433	-247	-100	**-4117**
(%)	-10.1	-7.3	-6.2	-3.7	-2.4	-2.2	-6.8	-6.6	-8.5	-6.8	-4.3	-1.5	**-5.7**
Madhya Pradesh													
Requirememnt (MU)	3865	3807	3446	3005	3037	2950	4101	4472	5193	5402	4642	4517	**48437**
Availability (MU)	2957	2995	2672	2484	2534	2735	3374	3452	4014	4249	3599	3579	**38644**
Surplus(+)/Deficit (-) (MU)	-908	-812	-774	-521	-503	-215	-727	-1020	-1179	-1153	-1043	-938	**-9793**
(%)	-23.5	-21.3	-22.5	-17.3	-16.6	-7.3	-17.7	-22.8	-22.7	-21.3	-22.5	-20.8	**-20.2**
Maharashtra													
Requirememnt (MU)	12293	12400	10198	9464	9337	9297	10570	9328	10760	11195	10956	12498	**128296**
Availability (MU)	9446	9537	8151	7816	7971	8154	8978	8455	9099	9701	9231	10479	**107018**
Surplus(+)/Deficit (-) (MU)	-2847	-2863	-2047	-1648	-1366	-1143	-1592	-873	-1661	-1494	-1725	-2019	**-21278**
(%)	-23.2	-23.1	-20.1	-17.4	-14.6	-12.3	-15.1	-9.4	-15.4	-13.3	-15.7	-16.2	**-16.6**

Month wise power supply position of States/ UTs during the year 2010-11

(in terms of energy)

State/ Region	Apr/10	May/10	Jun/10	Jul/10	Aug/10	Sep/10	Oct/10	Nov/10	Dec/10	Jan/11	Feb/11	Mar/11	2010-11
Daman & Diu													
Requirememnt (MU)	159	167	168	183	190	189	200	178	190	190	178	189	**2181**
Availability (MU)	159	167	150	164	172	171	181	160	171	171	161	170	**1997**
Surplus(+)/Deficit (-) (MU)	0	0	-18	-19	-18	-18	-19	-18	-19	-19	-17	-19	**-184**
(%)	0.0	0.0	-10.7	-10.4	-9.5	-9.5	-9.5	-10.1	-10.0	-10.0	-9.6	-10.1	**-8.4**
D.N.Haveli													
Requirememnt (MU)	357	365	346	368	379	368	386	364	380	388	359	369	**4429**
Availability (MU)	357	365	346	366	379	368	385	364	380	388	358	368	**4424**
Surplus(+)/Deficit (-) (MU)	0	0	0	-2	0	0	-1	0	0	0	-1	-1	**-5**
(%)	0.0	0.0	0.0	-0.5	0.0	0.0	-0.3	0.0	0.0	0.0	-0.3	-0.3	**-0.1**
Goa													
Requirememnt (MU)	284	293	266	245	249	236	269	256	262	258	241	295	**3154**
Availability (MU)	277	281	256	242	246	234	266	253	259	256	240	279	**3089**
Surplus(+)/Deficit (-) (MU)	-7	-12	-10	-3	-3	-2	-3	-3	-3	-2	-1	-16	**-65**
(%)	-2.5	-4.1	-3.8	-1.2	-1.2	-0.8	-1.1	-1.2	-1.1	-0.8	-0.4	-5.4	**-2.1**
Western Region													
Requirememnt (MU)	24609	24426	21014	19141	18994	19126	23554	20702	23904	24605	22977	25436	**268488**
Availability (MU)	20108	20233	17787	16749	16976	17631	20717	18425	20500	21495	19929	22321	**232871**
Surplus(+)/Deficit (-) (MU)	-4501	-4193	-3227	-2392	-2018	-1495	-2837	-2277	-3404	-3110	-3048	-3115	**-35617**
(%)	-18.3	-17.2	-15.4	-12.5	-10.6	-7.8	-12.0	-11.0	-14.2	-12.6	-13.3	-12.2	**-13.3**
Andhra Pradesh													
Requirememnt (MU)	7364	6574	6171	6221	6679	6227	6672	5518	5981	6788	6638	8137	**78970**
Availability (MU)	6502	6115	5789	6003	6531	6201	6634	5515	5959	6733	6569	7899	**76450**
Surplus(+)/Deficit (-) (MU)	-862	-459	-382	-218	-148	-26	-38	-3	-22	-55	-69	-238	**-2520**
(%)	-11.7	-7.0	-6.2	-3.5	-2.2	-0.4	-0.6	-0.1	-0.4	-0.8	-1.0	-2.9	**-3.2**
Karnataka													
Requirememnt (MU)	4389	4123	3686	3800	3933	3784	3900	3448	4302	4929	4684	5496	**50474**
Availability (MU)	3909	3712	3313	3305	3439	3473	3585	3355	4243	4807	4467	5016	**46624**
Surplus(+)/Deficit (-) (MU)	-480	-411	-373	-495	-494	-311	-315	-93	-59	-122	-217	-480	**-3850**
(%)	-10.9	-10.0	-10.1	-13.0	-12.6	-8.2	-8.1	-2.7	-1.4	-2.5	-4.6	-8.7	**-7.6**
Kerala													
Requirememnt (MU)	1560	1589	1377	1391	1431	1451	1489	1456	1517	1574	1449	1739	**18023**
Availability (MU)	1486	1566	1360	1380	1417	1443	1481	1451	1509	1550	1417	1707	**17767**
Surplus(+)/Deficit (-) (MU)	-74	-23	-17	-11	-14	-8	-8	-5	-8	-24	-32	-32	**-256**
(%)	-4.7	-1.4	-1.2	-0.8	-1.0	-0.6	-0.5	-0.3	-0.5	-1.5	-2.2	-1.8	**-1.4**

Month wise power supply position of States/ UTs during the year 2010-11

(in terms of energy)

State/ Region	Apr/10	May/10	Jun/10	Jul/10	Aug/10	Sep/10	Oct/10	Nov/10	Dec/10	Jan/11	Feb/11	Mar/11	2010-11
Tamil Nadu													
Requirememnt (MU)	7217	6210	6728	6892	6853	7007	6794	5888	5979	6555	6667	7524	**80314**
Availability (MU)	6452	5778	6289	6473	6450	6668	6485	5601	5647	6175	6199	6884	**75101**
Surplus(+)/Deficit (-) (MU)	-765	-432	-439	-419	-403	-339	-309	-287	-332	-380	-468	-640	**-5213**
(%)	-10.6	-7.0	-6.5	-6.1	-5.9	-4.8	-4.5	-4.9	-5.6	-5.8	-7.0	-8.5	**-6.5**
Puducherry													
Requirememnt (MU)	193	179	173	187	191	175	187	159	166	168	153	192	**2123**
Availability (MU)	179	172	165	172	163	172	184	159	166	166	151	190	**2039**
Surplus(+)/Deficit (-) (MU)	-14	-7	-8	-15	-28	-3	-3	0	0	-2	-2	-2	**-84**
(%)	-7.3	-3.9	-4.6	-8.0	-14.7	-1.7	-1.6	0.0	0.0	-1.2	-1.3	-1.0	**-4.0**
Southern Region													
Requirememnt (MU)	20723	18675	18135	18491	19087	18644	19042	16469	17945	20014	19591	23088	**229904**
Availability (MU)	18528	17343	16916	17333	18000	17957	18369	16081	17524	19431	18803	21696	**217981**
Surplus(+)/Deficit (-) (MU)	-2195	-1332	-1219	-1158	-1087	-687	-673	-388	-421	-583	-788	-1392	**-11923**
(%)	-10.6	-7.1	-6.7	-6.3	-5.7	-3.7	-3.5	-2.4	-2.3	-2.9	-4.0	-6.0	**-5.2**
Bihar													
Requirememnt (MU)	924	979	1046	1125	1119	1083	1157	1127	1051	1034	830	909	**12384**
Availability (MU)	777	839	913	986	981	955	1024	1000	918	897	709	773	**10772**
Surplus(+)/Deficit (-) (MU)	-147	-140	-133	-139	-138	-128	-133	-127	-133	-137	-121	-136	**-1612**
(%)	-15.9	-14.3	-12.7	-12.4	-12.3	-11.8	-11.5	-11.3	-12.7	-13.2	-14.6	-15.0	**-13.0**
DVC													
Requirememnt (MU)	1378	1345	1416	1441	1379	1377	1404	1325	1380	1447	1289	1409	**16590**
Availability (MU)	1173	1166	1237	1317	1271	1247	1336	1283	1287	1311	1166	1277	**15071**
Surplus(+)/Deficit (-) (MU)	-205	-179	-179	-124	-108	-130	-68	-42	-93	-136	-123	-132	**-1519**
(%)	-14.9	-13.3	-12.6	-8.6	-7.8	-9.4	-4.8	-3.2	-6.7	-9.4	-9.5	-9.4	**-9.2**
Jharkhand													
Requirememnt (MU)	535	479	447	507	525	499	524	534	556	548	512	529	**6195**
Availability (MU)	459	469	444	504	523	499	524	521	538	537	481	486	**5985**
Surplus(+)/Deficit (-) (MU)	-76	-10	-3	-3	-2	0	0	-13	-18	-11	-31	-43	**-210**
(%)	-14.2	-2.1	-0.7	-0.6	-0.4	0.0	0.0	-2.4	-3.2	-2.0	-6.1	-8.1	**-3.4**
Orissa													
Requirememnt (MU)	1821	1818	1825	1948	1947	1958	1861	1827	1853	1893	1732	2023	**22506**
Availability (MU)	1783	1808	1820	1940	1942	1962	1864	1833	1856	1888	1733	2020	**22449**
Surplus(+)/Deficit (-) (MU)	-38	-10	-5	-8	-5	4	3	6	3	-5	1	-3	**-57**
(%)	-2.1	-0.6	-0.3	-0.4	-0.3	0.2	0.2	0.3	0.2	-0.3	0.1	-0.1	**-0.3**

Month wise power supply position of States/ UTs during the year 2010-11

(in terms of energy)

State/ Region	Apr/10	May/10	Jun/10	Jul/10	Aug/10	Sep/10	Oct/10	Nov/10	Dec/10	Jan/11	Feb/11	Mar/11	2010-11
West Bengal													
Requirememnt (MU)	3437	3073	3143	3318	3438	3251	3120	2652	2493	2714	2632	3210	**36481**
Availability (MU)	3192	2971	3094	3187	3389	3248	3119	2658	2481	2682	2629	3197	**35847**
Surplus(+)/Deficit (-) (MU)	-245	-102	-49	-131	-49	-3	-1	6	-12	-32	-3	-13	**-634**
(%)	-7.1	-3.3	-1.6	-3.9	-1.4	-0.1	0.0	0.2	-0.5	-1.2	-0.1	-0.4	**-1.7**
Sikkim													
Requirememnt (MU)	32	30	29	22	26	22	27	37	46	50	42	39	**402**
Availability (MU)	32	30	29	22	26	22	27	37	46	50	42	39	**402**
Surplus(+)/Deficit (-) (MU)	0	0	0	0	0	0	0	0	0	0	0	0	**0**
(%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**
Eastern Region													
Requirememnt (MU)	8127	7724	7906	8361	8434	8190	8093	7502	7379	7686	7037	8119	**94558**
Availability (MU)	7416	7283	7537	7956	8132	7933	7894	7332	7126	7365	6760	7792	**90526**
Surplus(+)/Deficit (-) (MU)	-711	-441	-369	-405	-302	-257	-199	-170	-253	-321	-277	-327	**-4032**
(%)	-8.7	-5.7	-4.7	-4.8	-3.6	-3.1	-2.5	-2.3	-3.4	-4.2	-3.9	-4.0	**-4.3**
Arunachal Pradesh													
Requirememnt (MU)	33	37	39	44	46	43	46	46	46	45	39	47	**511**
Availability (MU)	27	30	32	37	40	36	39	38	39	41	36	41	**436**
Surplus(+)/Deficit (-) (MU)	-6	-7	-7	-7	-6	-7	-7	-8	-7	-4	-3	-6	**-75**
(%)	-18.2	-18.9	-17.9	-15.9	-13.0	-16.3	-15.2	-17.4	-15.2	-8.9	-7.7	-12.8	**-14.7**
Assam													
Requirememnt (MU)	384	416	452	504	534	533	500	431	418	406	391	434	**5403**
Availability (MU)	334	380	418	473	500	486	467	419	404	388	377	417	**5063**
Surplus(+)/Deficit (-) (MU)	-50	-36	-34	-31	-34	-47	-33	-12	-14	-18	-14	-17	**-340**
(%)	-13.0	-8.7	-7.5	-6.2	-6.4	-8.8	-6.6	-2.8	-3.3	-4.4	-3.6	-3.9	**-6.3**
Manipur													
Requirememnt (MU)	38	44	47	50	50	46	51	50	49	54	45	44	**568**
Availability (MU)	29	36	41	46	47	42	46	46	45	49	39	39	**505**
Surplus(+)/Deficit (-) (MU)	-9	-8	-6	-4	-3	-4	-5	-4	-4	-5	-6	-5	**-63**
(%)	-23.7	-18.2	-12.8	-8.0	-6.0	-8.7	-9.8	-8.0	-8.2	-9.3	-13.3	-11.4	**-11.1**
Meghalaya													
Requirememnt (MU)	98	107	106	130	139	151	143	134	144	126	129	138	**1545**
Availability (MU)	73	81	85	114	121	134	128	121	132	117	121	125	**1352**
Surplus(+)/Deficit (-) (MU)	-25	-26	-21	-16	-18	-17	-15	-13	-12	-9	-8	-13	**-193**
(%)	-25.5	-24.3	-19.8	-12.3	-12.9	-11.3	-10.5	-9.7	-8.3	-7.1	-6.2	-9.4	**-12.5**

Month wise power supply position of States/ UTs during the year 2010-11

(in terms of energy)

State/ Region	Apr/10	May/10	Jun/10	Jul/10	Aug/10	Sep/10	Oct/10	Nov/10	Dec/10	Jan/11	Feb/11	Mar/11	2010-11
Mizoram													
Requirememnt (MU)	28	28	28	30	29	27	30	30	34	37	33	35	**369**
Availability (MU)	23	23	23	26	24	22	25	26	30	33	29	31	**315**
Surplus(+)/Deficit (-) (MU)	-5	-5	-5	-4	-5	-5	-5	-4	-4	-4	-4	-4	**-54**
(%)	-17.9	-17.9	-17.9	-13.3	-17.2	-18.5	-16.7	-13.3	-11.8	-10.8	-12.1	-11.4	**-14.6**
Nagaland													
Requirememnt (MU)	42	45	47	53	62	48	50	45	53	52	44	42	**583**
Availability (MU)	36	39	43	47	53	43	44	41	50	48	39	37	**520**
Surplus(+)/Deficit (-) (MU)	-6	-6	-4	-6	-9	-5	-6	-4	-3	-4	-5	-5	**-63**
(%)	-14.3	-13.3	-8.5	-11.3	-14.5	-10.4	-12.0	-8.9	-5.7	-7.7	-11.4	-11.9	**-10.8**
Tripura													
Requirememnt (MU)	68	70	78	89	80	80	80	61	70	70	65	71	**882**
Availability (MU)	60	63	65	76	67	71	73	59	68	68	63	68	**801**
Surplus(+)/Deficit (-) (MU)	-8	-7	-13	-13	-13	-9	-7	-2	-2	-2	-2	-3	**-81**
(%)	-11.8	-10.0	-16.7	-14.6	-16.3	-11.3	-8.8	-3.3	-2.9	-2.9	-3.1	-4.2	**-9.2**
North-Eastern Region													
Requirememnt (MU)	691	747	797	900	940	928	900	797	814	790	746	811	**9861**
Availability (MU)	582	652	707	819	852	834	822	750	768	744	704	758	**8992**
Surplus(+)/Deficit (-) (MU)	-109	-95	-90	-81	-88	-94	-78	-47	-46	-46	-42	-53	**-869**
(%)	-15.8	-12.7	-11.3	-9.0	-9.4	-10.1	-8.7	-5.9	-5.7	-5.8	-5.6	-6.5	**-8.8**

Month wise power supply position of States/ UTs during the year 2010-11

(in terms of peak demand)

State/ Region	Apr/10	May/10	Jun/10	Jul/10	Aug/10	Sep/10	Oct/10	Nov/10	Dec/10	Jan/11	Feb/11	Mar/11	2010-11
Chandigarh													
Peak Demand (MW)	247	258	301	247	272	264	243	197	197	200	205	196	**301**
Peak Availability (MW)	247	258	301	247	272	264	243	197	197	200	205	196	**301**
Surplus(+)/Deficit (-) (MW)	0	0	0	0	0	0	0	0	0	0	0	0	**0**
(%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**
Delhi													
Peak Demand (MW)	4131	4628	4810	4733	4526	4085	3683	3234	3471	4114	3305	3418	**4810**
Peak Availability (MW)	4116	4581	4739	4720	4424	4057	3683	3231	3471	4111	3305	3412	**4739**
Surplus(+)/Deficit (-) (MW)	-15	-47	-71	-13	-102	-28	0	-3	0	-3	0	-6	**-71**
(%)	-0.4	-1.0	-1.5	-0.3	-2.3	-0.7	0.0	-0.1	0.0	-0.1	0.0	-0.2	**-1.5**
Haryana													
Peak Demand (MW)	5451	5072	5822	5946	6142	5544	5553	4817	4929	5403	5094	5157	**6142**
Peak Availability (MW)	3974	4631	5410	5439	5574	5267	5073	4637	4767	5000	4587	4802	**5574**
Surplus(+)/Deficit (-) (MW)	-1477	-441	-412	-507	-568	-277	-480	-180	-162	-403	-507	-355	**-568**
(%)	-27.1	-8.7	-7.1	-8.5	-9.2	-5.0	-8.6	-3.7	-3.3	-7.5	-10.0	-6.9	**-9.2**
Himachal Pradesh													
Peak Demand (MW)	1043	1083	1027	1063	1089	1068	1164	1159	1250	1278	1253	1178	**1278**
Peak Availability (MW)	1043	1011	1016	1055	1089	940	1089	1157	1187	1043	1112	1178	**1187**
Surplus(+)/Deficit (-) (MW)	0	-72	-11	-8	0	-128	-75	-2	-63	-235	-141	0	**-91**
(%)	0.0	-6.6	-1.1	-0.8	0.0	-12.0	-6.4	-0.2	-5.0	-18.4	-11.3	0.0	**-7.1**
Jammu & Kashmir													
Peak Demand (MW)	2100	2000	2130	2130	2130	2100	2200	2250	2369	2369	2369	2369	**2369**
Peak Availability (MW)	1503	1291	1486	1396	1490	1419	1466	1461	1525	1571	1504	1494	**1571**
Surplus(+)/Deficit (-) (MW)	-597	-709	-644	-734	-640	-681	-734	-789	-844	-798	-865	-875	**-798**
(%)	-28.4	-35.5	-30.2	-34.5	-30.0	-32.4	-33.4	-35.1	-35.6	-33.7	-36.5	-36.9	**-33.7**
Punjab													
Peak Demand (MW)	6755	6780	8475	9399	9376	9313	6977	5440	6061	5865	6637	6282	**9399**
Peak Availability (MW)	4913	5948	7764	7880	7783	7938	6542	4840	5285	5090	4903	5723	**7938**
Surplus(+)/Deficit (-) (MW)	-1842	-832	-711	-1519	-1593	-1375	-435	-600	-776	-775	-1734	-559	**-1461**
(%)	-27.3	-12.3	-8.4	-16.2	-17.0	-14.8	-6.2	-11.0	-12.8	-13.2	-26.1	-8.9	**-15.5**
Rajasthan													
Peak Demand (MW)	6159	6821	6215	6171	5211	5426	6275	6361	7116	7582	7729	7549	**7729**
Peak Availability (MW)	6101	6203	6058	6171	5211	5426	6275	6361	7116	7408	7442	7184	**7442**
Surplus(+)/Deficit (-) (MW)	-58	-618	-157	0	0	0	0	0	0	-174	-287	-365	**-287**
(%)	-0.9	-9.1	-2.5	0.0	0.0	0.0	0.0	0.0	0.0	-2.3	-3.7	-4.8	**-3.7**

Month wise power supply position of States/ UTs during the year 2010-11

(in terms of peak demand)

State/ Region	Apr/10	May/10	Jun/10	Jul/10	Aug/10	Sep/10	Oct/10	Nov/10	Dec/10	Jan/11	Feb/11	Mar/11	2010-11
Uttar Pradesh													
Peak Demand (MW)	10662	10497	10629	10363	10731	10562	10273	10672	10299	11082	11003	10295	**11082**
Peak Availability (MW)	8320	8836	9386	8657	10181	9481	9236	10672	8584	9131	8951	9499	**10672**
Surplus(+)/Deficit (-) (MW)	-2342	-1661	-1243	-1706	-550	-1081	-1037	0	-1715	-1951	-2052	-796	**-410**
(%)	-22.0	-15.8	-11.7	-16.5	-5.1	-10.2	-10.1	0.0	-16.7	-17.6	-18.6	-7.7	**-3.7**
Uttarakhand													
Peak Demand (MW)	1406	1494	1485	1393	1488	1396	1420	1390	1472	1520	1474	1379	**1520**
Peak Availability (MW)	1033	1327	1367	1313	1178	1312	1420	1286	1332	1520	1204	1239	**1520**
Surplus(+)/Deficit (-) (MW)	-373	-167	-118	-80	-310	-84	0	-104	-140	0	-270	-140	**0**
(%)	-26.5	-11.2	-7.9	-5.7	-20.8	-6.0	0.0	-7.5	-9.5	0.0	-18.3	-10.2	**0.0**
Northern Region													
Peak Demand (MW)	32769	33911	35094	36216	37226	37431	33605	31764	33595	34312	33484	33484	**37431**
Peak Availability (MW)	28055	31176	33015	32465	33507	34101	31087	30894	30881	31521	30430	30430	**34101**
Surplus(+)/Deficit (-) (MW)	-4714	-2735	-2079	-3751	-3719	-3330	-2518	-870	-2714	-2791	-3054	-3054	**-3330**
(%)	-14.4	-8.1	-5.9	-10.4	-10.0	-8.9	-7.5	-2.7	-8.1	-8.1	-9.1	-9.1	**-8.9**
Chhattisgarh													
Peak Demand (MW)	2913	2581	2422	2637	2691	2763	2822	2292	2521	2566	2719	3148	**3148**
Peak Availability (MW)	2759	2497	2361	2581	2621	2736	2717	2281	2499	2522	2535	2838	**2838**
Surplus(+)/Deficit (-) (MW)	-154	-84	-61	-56	-70	-27	-105	-11	-22	-44	-184	-310	**-310**
(%)	-5.3	-3.3	-2.5	-2.1	-2.6	-1.0	-3.7	-0.5	-0.9	-1.7	-6.8	-9.8	**-9.8**
Gujarat													
Peak Demand (MW)	10181	10028	9628	9849	8129	9498	10786	10228	9908	10017	9671	9745	**10786**
Peak Availability (MW)	9193	9277	8890	8857	7761	9060	9947	9250	9056	9120	9028	9509	**9947**
Surplus(+)/Deficit (-) (MW)	-988	-751	-738	-992	-368	-438	-839	-978	-852	-897	-643	-236	**-839**
(%)	-9.7	-7.5	-7.7	-10.1	-4.5	-4.6	-7.8	-9.6	-8.6	-9.0	-6.6	-2.4	**-7.8**
Madhya Pradesh													
Peak Demand (MW)	6880	6437	6311	5550	7068	6389	6911	7813	8690	8864	8728	8398	**8864**
Peak Availability (MW)	5514	5185	5064	4185	4400	5652	6106	7650	7175	6973	8068	8093	**8093**
Surplus(+)/Deficit (-) (MW)	-1366	-1252	-1247	-1365	-2668	-737	-805	-163	-1515	-1891	-660	-305	**-771**
(%)	-19.9	-19.5	-19.8	-24.6	-37.7	-11.5	-11.6	-2.1	-17.4	-21.3	-7.6	-3.6	**-8.7**
Maharashtra													
Peak Demand (MW)	19521	19766	18825	16419	16314	16788	18046	17846	18864	19052	19530	19607	**19766**
Peak Availability (MW)	15350	15402	14137	14176	13222	13846	14620	14386	15129	15065	15479	16192	**16192**
Surplus(+)/Deficit (-) (MW)	-4171	-4364	-4688	-2243	-3092	-2942	-3426	-3460	-3735	-3987	-4051	-3415	**-3574**
(%)	-21.4	-22.1	-24.9	-13.7	-19.0	-17.5	-19.0	-19.4	-19.8	-20.9	-20.7	-17.4	**-18.1**

Month wise power supply position of States/ UTs during the year 2010-11

(in terms of peak demand)

State/ Region	Apr/10	May/10	Jun/10	Jul/10	Aug/10	Sep/10	Oct/10	Nov/10	Dec/10	Jan/11	Feb/11	Mar/11	2010-11
Daman & Diu													
Peak Demand (MW)	239	235	229	270	299	276	353	278	274	269	272	277	**353**
Peak Availability (MW)	239	235	229	245	271	251	328	253	249	244	247	252	**328**
Surplus(+)/Deficit (-) (MW)	0	0	0	-25	-28	-25	-25	-25	-25	-25	-25	-25	**-25**
(%)	0.0	0.0	0.0	-9.3	-9.4	-9.1	-7.1	-9.0	-9.1	-9.3	-9.2	-9.0	**-7.1**
D.N.Haveli													
Peak Demand (MW)	475	490	502	495	545	594	535	520	520	526	572	538	**594**
Peak Availability (MW)	475	490	472	468	510	594	523	520	520	526	547	513	**594**
Surplus(+)/Deficit (-) (MW)	0	0	-30	-27	-35	0	-12	0	0	0	-25	-25	**0**
(%)	0.0	0.0	-6.0	-5.5	-6.4	0.0	-2.2	0.0	0.0	0.0	-4.4	-4.6	**0.0**
Goa													
Peak Demand (MW)	492	544	484	442	457	452	469	473	481	473	479	489	**544**
Peak Availability (MW)	423	453	411	406	425	428	438	443	445	450	460	467	**467**
Surplus(+)/Deficit (-) (MW)	-69	-91	-73	-36	-32	-24	-31	-30	-36	-23	-19	-22	**-77**
(%)	-14.0	-16.7	-15.1	-8.1	-7.0	-5.3	-6.6	-6.3	-7.5	-4.9	-4.0	-4.5	**-14.2**
Western Region													
Peak Demand (MW)	39560	37730	36034	32961	32510	34499	38602	38102	39623	39828	40502	40798	**40798**
Peak Availability (MW)	32142	30943	29000	27037	27728	30657	32763	32156	32713	33174	33694	34819	**34819**
Surplus(+)/Deficit (-) (MW)	-7418	-6787	-7034	-5924	-4782	-3842	-5839	-5946	-6910	-6654	-6808	-5979	**-5979**
(%)	-18.8	-18.0	-19.5	-18.0	-14.7	-11.1	-15.1	-15.6	-17.4	-16.7	-16.8	-14.7	**-14.7**
Andhra Pradesh													
Peak Demand (MW)	12018	10738	10846	10026	10662	10347	10960	9176	10129	11586	11377	12630	**12630**
Peak Availability (MW)	10396	9353	9041	8904	9740	9883	10428	9081	9683	10848	11232	11829	**11829**
Surplus(+)/Deficit (-) (MW)	-1622	-1385	-1805	-1122	-922	-464	-532	-95	-446	-738	-145	-801	**-801**
(%)	-13.5	-12.9	-16.6	-11.2	-8.6	-4.5	-4.9	-1.0	-4.4	-6.4	-1.3	-6.3	**-6.3**
Karnataka													
Peak Demand (MW)	7642	7311	6818	6635	7425	6870	6709	6739	7853	8053	8190	8430	**8430**
Peak Availability (MW)	6627	6339	5950	5933	6157	6024	6259	6605	7634	7815	7618	7743	**7815**
Surplus(+)/Deficit (-) (MW)	-1015	-972	-868	-702	-1268	-846	-450	-134	-219	-238	-572	-687	**-615**
(%)	-13.3	-13.3	-12.7	-10.6	-17.1	-12.3	-6.7	-2.0	-2.8	-3.0	-7.0	-8.1	**-7.3**
Kerala													
Peak Demand (MW)	2991	3052	3000	2719	2820	2854	2852	2901	2971	3295	2996	3156	**3295**
Peak Availability (MW)	2824	2916	2815	2667	2716	2775	2799	2817	2914	2904	2946	3103	**3103**
Surplus(+)/Deficit (-) (MW)	-167	-136	-185	-52	-104	-79	-53	-84	-57	-391	-50	-53	**-192**
(%)	-5.6	-4.5	-6.2	-1.9	-3.7	-2.8	-1.9	-2.9	-1.9	-11.9	-1.7	-1.7	**-5.8**

Month wise power supply position of States/ UTs during the year 2010-11

(in terms of peak demand)

State/ Region	Apr/10	May/10	Jun/10	Jul/10	Aug/10	Sep/10	Oct/10	Nov/10	Dec/10	Jan/11	Feb/11	Mar/11	2010-11
Tamil Nadu													
Peak Demand (MW)	11440	11158	11728	10453	10715	10542	10914	10151	10281	10681	11301	11353	**11728**
Peak Availability (MW)	9775	9940	9678	9616	9528	9622	10048	9158	9640	10015	10436	10422	**10436**
Surplus(+)/Deficit (-) (MW)	-1665	-1218	-2050	-837	-1187	-920	-866	-993	-641	-666	-865	-931	**-1292**
(%)	-14.6	-10.9	-17.5	-8.0	-11.1	-8.7	-7.9	-9.8	-6.2	-6.2	-7.7	-8.2	**-11.0**
Puducherry													
Peak Demand (MW)	318	309	303	316	317	302	319	284	282	278	272	308	**319**
Peak Availability (MW)	289	287	277	273	265	288	300	282	277	276	270	302	**302**
Surplus(+)/Deficit (-) (MW)	-29	-22	-26	-43	-52	-14	-19	-2	-5	-2	-2	-6	**-17**
(%)	-9.1	-7.1	-8.6	-13.6	-16.4	-4.6	-6.0	-0.7	-1.8	-0.7	-0.7	-1.9	**-5.3**
Southern Region													
Peak Demand (MW)	32214	31418	30956	29589	29985	29535	30258	28002	29780	31946	31879	33256	**33256**
Peak Availability (MW)	29054	27871	26536	26431	27102	27574	28954	26974	28057	29931	30324	31121	**31121**
Surplus(+)/Deficit (-) (MW)	-3160	-3547	-4420	-3158	-2883	-1961	-1304	-1028	-1723	-2015	-1555	-2135	**-2135**
(%)	-9.8	-11.3	-14.3	-10.7	-9.6	-6.6	-4.3	-3.7	-5.8	-6.3	-4.9	-6.4	**-6.4**
Bihar													
Peak Demand (MW)	1895	2073	1920	1800	1844	1808	1712	1946	1675	1726	2140	2123	**2140**
Peak Availability (MW)	1282	1451	1443	1489	1528	1520	1659	1624	1420	1402	1307	1402	**1659**
Surplus(+)/Deficit (-) (MW)	-613	-622	-477	-311	-316	-288	-53	-322	-255	-324	-833	-721	**-481**
(%)	-32.3	-30.0	-24.8	-17.3	-17.1	-15.9	-3.1	-16.5	-15.2	-18.8	-38.9	-34.0	**-22.5**
DVC													
Peak Demand (MW)	1873	1768	1865	2059	1838	1914	1933	1934	1991	1899	1836	1926	**2059**
Peak Availability (MW)	1842	1751	1848	2046	1834	1914	1932	1934	1972	1899	1836	1916	**2046**
Surplus(+)/Deficit (-) (MW)	-31	-17	-17	-13	-4	0	-1	0	-19	0	0	-10	**-13**
(%)	-1.7	-1.0	-0.9	-0.6	-0.2	0.0	-0.1	0.0	-1.0	0.0	0.0	-0.5	**-0.6**
Jharkhand													
Peak Demand (MW)	833	964	754	862	1012	851	880	871	951	986	897	1108	**1108**
Peak Availability (MW)	823	948	746	858	1012	851	880	871	904	986	897	1052	**1052**
Surplus(+)/Deficit (-) (MW)	-10	-16	-8	-4	0	0	0	0	-47	0	0	-56	**-56**
(%)	-1.2	-1.7	-1.1	-0.5	0.0	0.0	0.0	0.0	-4.9	0.0	0.0	-5.1	**-5.1**
Orissa													
Peak Demand (MW)	2970	3046	3041	3201	3175	3355	3198	3505	3276	3213	3327	3872	**3872**
Peak Availability (MW)	2917	2979	3041	3183	3169	3340	3198	3468	3276	3199	3315	3792	**3792**
Surplus(+)/Deficit (-) (MW)	-53	-67	0	-18	-6	-15	0	-37	0	-14	-12	-80	**-80**
(%)	-1.8	-2.2	0.0	-0.6	-0.2	-0.4	0.0	-1.1	0.0	-0.4	-0.4	-2.1	**-2.1**

Month wise power supply position of States/ UTs during the year 2010-11

(in terms of peak demand)

State/ Region	Apr/10	May/10	Jun/10	Jul/10	Aug/10	Sep/10	Oct/10	Nov/10	Dec/10	Jan/11	Feb/11	Mar/11	2010-11
West Bengal													
Peak Demand (MW)	6162	5603	5772	5648	6113	6131	6019	5618	4878	5099	5855	5990	**6162**
Peak Availability (MW)	5637	5595	5722	5618	6030	6112	5856	5531	4878	5099	5831	5973	**6112**
Surplus(+)/Deficit (-) (MW)	-525	-8	-50	-30	-83	-19	-163	-87	0	0	-24	-17	**-50**
(%)	-8.5	-0.1	-0.9	-0.5	-1.4	-0.3	-2.7	-1.5	0.0	0.0	-0.4	-0.3	**-0.8**
Sikkim													
Peak Demand (MW)	74	74	81	74	79	66	79	86	98	100	106	92	**106**
Peak Availability (MW)	72	74	81	73	79	65	78	86	98	99	104	91	**104**
Surplus(+)/Deficit (-) (MW)	-2	0	0	-1	0	-1	-1	0	0	-1	-2	-1	**-2**
(%)	-2.7	0.0	0.0	-1.4	0.0	-1.5	-1.3	0.0	0.0	-1.0	-1.9	-1.1	**-1.9**
Eastern Region													
Peak Demand (MW)	13317	12534	12902	13501	13369	13767	13101	13235	12681	12822	13547	13079	**13767**
Peak Availability (MW)	11801	11691	12147	12361	12691	13085	12922	12846	11611	12039	12508	12331	**13085**
Surplus(+)/Deficit (-) (MW)	-1516	-843	-755	-1140	-678	-682	-179	-389	-1070	-783	-1039	-748	**-682**
(%)	-11.4	-6.7	-5.9	-8.4	-5.1	-5.0	-1.4	-2.9	-8.4	-6.1	-7.7	-5.7	**-5.0**
Arunachal Pradesh													
Peak Demand (MW)	85	85	96	95	95	95	101	101	100	85	83	91	**101**
Peak Availability (MW)	73	64	69	73	84	72	72	77	85	81	81	77	**85**
Surplus(+)/Deficit (-) (MW)	-12	-21	-27	-22	-11	-23	-29	-24	-15	-4	-2	-14	**-16**
(%)	-14.1	-24.7	-28.1	-23.2	-11.6	-24.2	-28.7	-23.8	-15.0	-4.7	-2.4	-15.4	**-15.8**
Assam													
Peak Demand (MW)	851	849	899	900	899	971	955	962	848	890	910	936	**971**
Peak Availability (MW)	782	802	843	855	842	843	937	909	829	857	880	912	**937**
Surplus(+)/Deficit (-) (MW)	-69	-47	-56	-45	-57	-128	-18	-53	-19	-33	-30	-24	**-34**
(%)	-8.1	-5.5	-6.2	-5.0	-6.3	-13.2	-1.9	-5.5	-2.2	-3.7	-3.3	-2.6	**-3.5**
Manipur													
Peak Demand (MW)	90	90	90	106	112	118	115	110	109	118	109	100	**118**
Peak Availability (MW)	87	89	87	100	103	105	101	102	104	115	104	95	**115**
Surplus(+)/Deficit (-) (MW)	-3	-1	-3	-6	-9	-13	-14	-8	-5	-3	-5	-5	**-3**
(%)	-3.3	-1.1	-3.3	-5.7	-8.0	-11.0	-12.2	-7.3	-4.6	-2.5	-4.6	-5.0	**-2.5**
Meghalaya													
Peak Demand (MW)	281	275	280	280	280	279	255	253	253	255	294	264	**294**
Peak Availability (MW)	191	186	190	204	207	212	202	215	225	244	284	241	**284**
Surplus(+)/Deficit (-) (MW)	-90	-89	-90	-76	-73	-67	-53	-38	-28	-11	-10	-23	**-10**
(%)	-32.0	-32.4	-32.1	-27.1	-26.1	-24.0	-20.8	-15.0	-11.1	-4.3	-3.4	-8.7	**-3.4**

Month wise power supply position of States/ UTs during the year 2010-11

(in terms of peak demand)

State/ Region	Apr/10	May/10	Jun/10	Jul/10	Aug/10	Sep/10	Oct/10	Nov/10	Dec/10	Jan/11	Feb/11	Mar/11	2010-11
Mizoram													
Peak Demand (MW)	60	60	70	70	69	75	76	76	76	76	75	74	**76**
Peak Availability (MW)	53	52	57	61	61	56	59	61	70	65	70	66	**70**
Surplus(+)/Deficit (-) (MW)	-7	-8	-13	-9	-8	-19	-17	-15	-6	-11	-5	-8	**-6**
(%)	-11.7	-13.3	-18.6	-12.9	-11.6	-25.3	-22.4	-19.7	-7.9	-14.5	-6.7	-10.8	**-7.9**
Nagaland													
Peak Demand (MW)	98	86	100	118	118	100	110	110	100	110	105	100	**118**
Peak Availability (MW)	91	85	95	102	93	95	93	91	110	104	93	97	**110**
Surplus(+)/Deficit (-) (MW)	-7	-1	-5	-16	-25	-5	-17	-19	10	-6	-12	-3	**-8**
(%)	-7.1	-1.2	-5.0	-13.6	-21.2	-5.0	-15.5	-17.3	10.0	-5.5	-11.4	-3.0	**-6.8**
Tripura													
Peak Demand (MW)	131	133	185	185	186	190	220	185	180	170	168	194	**220**
Peak Availability (MW)	121	126	149	146	154	174	197	185	178	165	164	192	**197**
Surplus(+)/Deficit (-) (MW)	-10	-7	-36	-39	-32	-16	-23	0	-2	-5	-4	-2	**-23**
(%)	-7.6	-5.3	-19.5	-21.1	-17.2	-8.4	-10.5	0.0	-1.1	-2.9	-2.4	-1.0	**-10.5**
North-Eastern Region													
Peak Demand (MW)	1577	1578	1720	1748	1754	1844	1913	1797	1676	1667	1665	1670	**1913**
Peak Availability (MW)	1358	1322	1451	1468	1465	1509	1560	1559	1529	1547	1551	1555	**1560**
Surplus(+)/Deficit (-) (MW)	-219	-256	-269	-280	-289	-335	-353	-238	-147	-120	-114	-115	**-353**
(%)	-13.9	-16.2	-15.6	-16.0	-16.5	-18.2	-18.5	-13.2	-8.8	-7.2	-6.8	-6.9	**-18.5**

Annex-V

Energy exchanges amongst various States/ Regions during the year 2010-11

(Figures in MU net)

From \ To	Chandigarh	Delhi	Haryana	Himachal Pradesh	Jammu & Kashmir	Punjab	Rajasthan	Uttar Pradesh	Uttrakhand	N.R.	Chattisgarh	Gujarat	Madhya Pradesh	Maharashtra	Goa	DNH & Daman Diu	W.R.	Andhra Pradesh	Karnataka	Kerala	Tamil Nadu	Pondicherry	S.R.	Bihar	DVC	Jharkhand	Orissa	West Bengal	Sikkim	E.R.	Arunachal Pradesh	Assam	Manipur	Meghalaya	Mizoram	Nagaland	Tripura	N.E.R.	Total Export
Chandigarh					29.7																																		29.7
Delhi		0.2	6.2	1.5			140.0	216.1	222.6				327.5	30.9	22.1			91.6	2.9	125.6	1.2							87.9						38.9					1315.2
Haryana		9.6		350.7	119.8			262.0	54.9									3.0			138.5						102.2	116.8				27.2							1184.7
Himachal Pradesh	8.9	398.3	553.2	51.2		1301.6	305.1	151.6				0.1	1.9	0.3														15.6											2787.8
Jammu & Kashmir	28.8		286.7			835.7	166.5				179.4							144.0			91.7							25.8									1.3		1759.9
Punjab	4.1	101.9		393.1	156.6		241.9	59.8	252.5				227.6	134.2							253.9						28.8	82.3											1936.7
Rajasthan	12.0	45.5				55.8		2.1					10.0	5.9							7.4				0.6									4.1					143.4
Uttar Pradesh		23.5	19.3	213.7			35.1		218.7				285.0																									795.3
Uttrakhand		151.7	16.0	304.2		59.0		38.4											29.0									27.0											625.3
Northern Region																																							0.0
Chattisgarh	106.1	1041.3			156.0	135.5	1688.4	343.2					0.6	384.2				562.6	2164.9	243.4	955.0					20.2		17.0			0.1	45.4							7863.9
Gujarat	16.2	61.2				192.0	221.4	581.7					344.0	2421.5		1833.8		259.6	447.9	27.0	1438.1					13.4		137.6											7995.4
Madhya Pradesh		374.8	28.0			264.8	295.5	228.0						550.1				108.4	170.4		43.8							47.5											2111.3
Maharashtra		47.5				303.2	44.0	38.1					297.6					106.6		0.1	66.3							17.7											921.1
Goa																																							0.0
Dadra & Nagar Haveli																																							0.0
Daman & Diu																																							0.0
Western Region																																							0.0
Andhra Pradesh		270.4			201.0	18.5	74.4							29.9					46.8	176.2	563.2						0.3	9.7											1390.4
Karnataka		88.2		335.1		341.5								104.5				240.4		167.9	610.9																		1888.5
Kerala		54.0																			658.2																	712.2
Tamil Nadu		63.7		364.7		72.8	50.8				75.3		12.6															404.0											1043.9
Pondicherry																																							0.0
Ramagundam STPS																																							0.0
Southern Region																																							0.0
Bihar																																							0.0
DVC	24.1	618.7					36.4						690.1	32.9												877.7		133.5											2413.4
Jharkhand																																							0.0
Orissa		213.7	9.7	133.2		104.9	33.8	31.0			14.2			61.1				11.5			65.7						1.3	42.8			27.9							750.8
West Bengal(PDCL)		146.2		354.0		111.7	519.4	112.3				0.2	23.9	77.7				64.7	172.1	42.6	219.4				20.5	7.3			37.6		31.4			9.1			8.1		1958.2
CESC																																							0.0
Sikkim		44.2					6.8							14.3				7.4			108.3				7.5													188.5
NTPC Stns. in ER	17.0	1188.4	578.7	134.1	773.6	1007.1	782.4	2092.3	157.8		163.7	616.5	402.4	779.5		27.3		169.0		3.0	732.7	55.6									42.5	1178.7		261.2	8.4	114.1			11286.0
Talchar - II																																							0.0
ICCL------CPP																																							0.0
NALCO-------CPP																																							0.0
HPCL--------CPP																																							0.0
RSP/MINL------CPP																																							0.0
ER (SAIL)																																							0.0
TISCO (DVC)		1.9					35.6	6.9						25.9				42.6		30.5	6.3																		149.7
Bhushan Steel																																							0.0
Tala HEP		104.8	52.6		63.1	104.8	52.6	157.2																															535.1
Eastern Region																																							0.0
Arunachal Pradesh		58.1		85.5										0.3														8.2						8.2					160.3
Assam																																					1.0		1.0
Manipur																																							0.0
Meghalaya		66.3																												12.0						6.1		84.4
Mizoram																																							0.0
Nagaland		25.4											23.3																										48.7
Tripura		33.2			14.4									35.0							2.6							8.7			0.7		40.3	6.7	47.0				188.6
N.E. Region																																							0.0
Total Import	217.2	5230.3	1550.4	2721.0	1514.2	4908.9	4730.1	4320.7	906.5	0.0	432.6	616.8	2646.5	4688.2	22.1	1861.1	0.0	1813.8	3034.0	816.3	5963.2	55.6	0.0	0.0	28.6	918.6	132.6	1156.3	37.6	0.0	114.6	1277.1	40.3	328.2	55.4	114.1	16.5	0.0	**52269.4**

Annex - VI

Scheduled energy drawal by the States/ UTs vis-à-vis their entitlement from Central Generating Stations during the year 2010-11

Region / State / System	Entitlement (MU)	Scheduled Drawal (MU)
Northern Region		
Chandigarh	1168.91	1047.05
Delhi	21204.66	18358.85
Haryana	8826.55	8579.33
Himachal Pradesh	5471.61	5199.71
Jammu & Kashmir	8589.42	8180.78
Punjab	13814.66	12793.46
Rajasthan	12037.42	11677.09
Uttar Pradesh	32193.23	31598.73
Uttarakhand	4368.27	4186.26
Western Region		
Chhattisgarh	4161.30	4165.80
Gujarat	17813.30	16311.40
Madhya Pradesh	19583.10	18763.20
Maharashtra	24946.90	24059.70
Daman & Diu	1357.70	1328.00
Dadra & Nagar Haveli	3251.40	3187.60
Goa	3267.90	3268.80
Southern Region		
Andhra Pradesh	21593.30	20320.88
Karnataka	10671.94	10397.93
Kerala	8584.13	8279.96
Tamil Nadu	20734.96	20202.91
Puducherry	2370.67	2317.66
Eastern Region		
Bihar	10469.34	10468.98
Damodar Valley Corporation	1709.35	1709.35
Jharkhand	2026.42	2012.46
Orissa	7134.90	7134.90
West Bengal	6029.19	6029.19
Sikkim	884.65	884.65
North-Eastern Region		
Arunachal Pradesh	492.06	493.58
Assam	2659.97	2659.46
Manipur	575.11	576.55
Meghalaya	690.24	692.94
Mizoram	300.39	300.60
Nagaland	351.29	350.96
Tripura	482.53	477.90

Annex-VII(A)

Comparison of the constituent-wise forecast vis-à-vis actual power supply position for the year 2010-11

(in terms of peak demand)

Region / State / System	Peak Demand			Peak Met			Surplus / Deficit (-)			
	(MW)			(MW)			(MW)		(%)	
	LGBR	Actual	%Deviation	LGBR	Actual	%Deviation	LGBR	Actual	LGBR	Actual
Chandigarh	335	301	-10.1	254	301	18.5	-81	0	-24.2	0.0
Delhi	4850	4810	-0.8	5170	4739	-8.3	320	-71	6.6	-1.5
Haryana	6390	6142	-3.9	4410	5574	26.4	-1980	-568	-31.0	-9.2
Himachal Pradesh	1180	1278	8.3	1670	1187	-28.9	490	-91	41.5	-7.1
Jammu & Kashmir	2300	2369	3.0	1610	1571	-2.4	-690	-798	-30.0	-33.7
Punjab	9900	9399	-5.1	7420	7938	7.0	-2480	-1461	-25.1	-15.5
Rajasthan	7200	7729	7.3	6440	7442	15.6	-760	-287	-10.6	-3.7
Uttar Pradesh	10900	11082	1.7	7690	10672	38.8	-3210	-410	-29.4	-3.7
Uttarakhand	1450	1520	4.8	1360	1520	11.8	-90	0	-6.2	0.0
Northern Region	**40000**	**37431**	**-6.4**	**33220**	**34101**	**2.7**	**-6780**	**-3330**	**-17.0**	**-8.9**
Chhattisgarh	3275	3148	-3.9	2579	2838	10.0	-696	-310	-21.2	-9.8
Gujarat	10246	10786	5.3	9277	9947	7.2	-969	-839	-9.5	-7.8
Madhya Pradesh	7800	8864	13.6	6420	8093	26.1	-1380	-771	-17.7	-8.7
Maharashtra	18700	19766	5.7	14219	16192	13.9	-4481	-3574	-24.0	-18.1
Daman & Diu	326	353	8.3	285	328	15.2	-41	-25	-12.7	-7.1
D.N.Haveli	576	594	3.1	543	594	9.4	-33	0	-5.7	0.0
Goa	507	544	7.3	436	467	7.0	-71	-77	-13.9	-14.2
Western Region	**40210**	**40798**	**1.5**	**34732**	**34819**	**0.2**	**-5478**	**-5979**	**-13.6**	**-14.7**
Andhra Pradesh	12894	12630	-2.0	11093	11829	6.6	-1801	-801	-14.0	-6.3
Karnataka	7855	8430	7.3	6546	7815	19.4	-1309	-615	-16.7	-7.3
Kerala	3445	3295	-4.4	2973	3103	4.4	-472	-192	-13.7	-5.8
Tamil Nadu	11282	11728	4.0	9751	10436	7.0	-1531	-1292	-13.6	-11.0
Puducherry	335	319	-4.8	293	302	3.0	-42	-17	-12.5	-5.3
Southern Region	**34224**	**33256**	**-2.8**	**28450**	**31121**	**9.4**	**-5774**	**-2135**	**-16.9**	**-6.4**
Bihar	2250	2140	-4.9	1631	1659	1.7	-619	-481	-27.5	-22.5
DVC	2385	2059	-13.7	4908	2046	-58.3	2523	-13	105.8	-0.6
Jharkhand	1180	1108	-6.1	1189	1052	-11.5	9	-56	0.8	-5.1
Orissa	3850	3872	0.6	3916	3792	-3.2	66	-80	1.7	-2.1
West Bengal	6483	6162	-4.9	6098	6112	0.2	-385	-50	-5.9	-0.8
Sikkim	120	106	-11.3	157	104	-33.9	38	-2	31.7	-1.9
Eastern Region	**16202**	**13767**	**-15.0**	**16568**	**13085**	**-21.0**	**366**	**-682**	**2.3**	**-5.0**
Arunachal Pradesh	140	101	-27.9	132	85	-35.6	-8	-16	-5.7	-15.8
Assam	1000	971	-2.9	940	937	-0.3	-60	-34	-6.0	-3.5
Manipur	130	118	-9.2	115	115	0.0	-15	-3	-11.5	-2.5
Meghalaya	465	294	-36.8	294	284	-3.5	-171	-10	-36.7	-3.4
Mizoram	95	76	-20.0	82	70	-14.6	-13	-6	-13.7	-7.9
Nagaland	99	118	19.2	92	110	19.6	-7	-8	-7.1	-6.8
Tripura	151	220	45.7	140	197	40.7	-11	-23	-7.3	-10.5
North-Eastern Region	**1957**	**1913**	**-2.2**	**1679**	**1560**	**-7.1**	**-278**	**-353**	**-14.2**	**-18.5**
All India	**126951**	**122287**	**-3.7**	**111533**	**110256**	**-1.1**	**-15418**	**-12031**	**-12.1**	**-9.8**

Annex-VII(B)

Comparison of the constituent-wise forecast vis-à-vis actual power supply position for the year 2010-11

(in terms of energy)

Region / State / System	Requirement			Availability			Surplus / Deficit (-)			
	(MU)			(MU)			(MU)		(%)	
	LGBR	Actual	%Deviation	LGBR	Actual	%Deviation	LGBR	Actual	LGBR	Actual
Chandigarh	1657	1519	-8.3	1506	1519	0.9	-151	0	-9.1	0.0
Delhi	25162	25625	1.8	34293	25559	-25.5	9131	-66	36.3	-0.3
Haryana	36390	34552	-5.1	27488	32626	18.7	-8902	-1926	-24.5	-5.6
Himachal Pradesh	7794	7626	-2.2	9036	7364	-18.5	1242	-262	15.9	-3.4
Jammu & Kashmir	14050	13571	-3.4	11023	10181	-7.6	-3027	-3390	-21.5	-25.0
Punjab	48978	44484	-9.2	41948	41799	-0.4	-7030	-2685	-14.4	-6.0
Rajasthan	46612	45261	-2.9	46224	44836	-3.0	-388	-425	-0.8	-0.9
Uttar Pradesh	80983	76292	-5.8	58016	64846	11.8	-22967	-11446	-28.4	-15.0
Uttarakhand	9442	9850	4.3	8042	9255	15.1	-1400	-595	-14.8	-6.0
Northern Region	**271068**	**258780**	**-4.5**	**237575**	**237985**	**0.2**	**-33493**	**-20795**	**-12.4**	**-8.0**
Chhattisgarh	18368	10340	-43.7	17597	10165	-42.2	-771	-175	-4.2	-1.7
Gujarat	73999	71651	-3.2	68138	67534	-0.9	-5861	-4117	-7.9	-5.7
Madhya Pradesh	47358	48437	2.3	41978	38644	-7.9	-5380	-9793	-11.4	-20.2
Maharashtra	113191	128296	13.3	100007	107018	7.0	-13184	-21278	-11.6	-16.6
Daman & Diu	2251	2181	-3.1	1582	1997	26.3	-669	-184	-29.7	-8.4
D.N.Haveli	4373	4429	1.3	3899	4424	13.5	-474	-5	-10.8	-0.1
Goa	3228	3154	-2.3	3132	3089	-1.4	-96	-65	-3.0	-2.1
Western Region	**262768**	**268488**	**2.2**	**236334**	**232871**	**-1.5**	**-26434**	**-35617**	**-10.1**	**-13.3**
Andhra Pradesh	85072	78970	-7.2	75227	76450	1.6	-9845	-2520	-11.6	-3.2
Karnataka	47367	50474	6.6	41090	46624	13.5	-6277	-3850	-13.3	-7.6
Kerala	19043	18023	-5.4	17111	17767	3.8	-1932	-256	-10.1	-1.4
Tamil Nadu	79132	80314	1.5	64601	75101	16.3	-14531	-5213	-18.4	-6.5
Puducherry	2293	2123	-7.4	2162	2039	-5.7	-131	-84	-5.7	-4.0
Southern Region	**232907**	**229904**	**-1.3**	**200192**	**217981**	**8.9**	**-32715**	**-11923**	**-14.0**	**-5.2**
Bihar	13035	12384	-5.0	10984	10772	-1.9	-2051	-1612	-15.7	-13.0
DVC	16450	16590	0.9	16821	15071	-10.4	371	-1519	2.3	-9.2
Jharkhand	7205	6195	-14.0	7354	5985	-18.6	148	-210	2.1	-3.4
Orissa	24794	22506	-9.2	22970	22449	-2.3	-1824	-57	-7.4	-0.3
West Bengal	36481	36481	0.0	42648	35847	-15.9	6167	-634	16.9	-1.7
Sikkim	486	402	-17.2	930	402	-56.8	444	0	91.3	0.0
Eastern Region	**98451**	**94558**	**-4.0**	**101706**	**90526**	**-11.0**	**3255**	**-4032**	**3.3**	**-4.3**
Arunachal Pradesh	577	511	-11.4	573	436	-23.9	-4	-75	-0.7	-14.7
Assam	5550	5403	-2.6	4283	5063	18.2	-1267	-340	-22.8	-6.3
Manipur	647	568	-12.2	444	505	13.8	-203	-63	-31.4	-11.1
Meghalaya	2755	1545	-43.9	1253	1352	7.9	-1502	-193	-54.5	-12.5
Mizoram	496	369	-25.6	331	315	-4.7	-165	-54	-33.4	-14.6
Nagaland	672	583	-13.2	397	520	31.1	-275	-63	-41.0	-10.8
Tripura	965	882	-8.6	920	801	-12.9	-45	-81	-4.7	-9.2
North-Eastern Region	**11662**	**9861**	**-15.4**	**8199**	**8992**	**9.7**	**-3463**	**-869**	**-29.7**	**-8.8**
All India	**876856**	**861591**	**-1.7**	**784006**	**788355**	**0.6**	**-92850**	**-73236**	**-10.6**	**-8.5**

Maintenance schedule of nuclear/ coal/ lignite based thermal power generating stations for the year 2011-12

Station Name	Unit	Capacity (MW)	Start Date	End Date	No. of Maintenance Days	Reason
Nuclear						
Nuclear Power Corporation of India Limited						
Narora APS	1	220	1-Feb-12	29-Feb-12	29	Biennial Shut Down
Narora APS	2	220				
Rajasthan APS	2	200	1-Sep-11	30-Sep-11	30	Biennial Shut Down
Rajasthan APS	3	220				
Rajasthan APS	4	220	1-Aug-11	31-Aug-11	31	Biennial Shut Down
Rajasthan APS	5	220	1-Feb-12	28-Feb-12	28	Biennial Shut Down
Rajasthan APS	6	220				
Kakrapara APS	1	220				
Kakrapara APS	2	220				
Tarapur APS	1	160				
Tarapur APS	2	160				
Tarapur APS	3	540	1-Oct-11	10-Nov-11	41	Bi annual Shut Down
Tarapur APS	4	540	10-Apr-11	25-May-11	46	Bi annual Shut Down
Madras APS	1	220	2-Jun-11	30-Jun-11	29	Bi annual Shut Down
Madras APS	2	220				
Kaiga APS	1	220	1-Mar-12	30-Mar-12	30	Bi annual Shut Down
Kaiga APS	2	220				
Kaiga APS	3	220	28-Mar-11	30-Apr-11	34	Bi annual Shut Down
Kaiga APS	4	220				
Thermal						
Northern Region						
Badarpur TPS	1	95	16-Jul-11	4-Aug-11	20	Annual Boiler Overhauling
	2	95	1-Mar-12	20-Mar-12	20	Annual Boiler Overhauling
	3	95	8-Aug-11	27-Aug-11	20	Annual Boiler Overhauling
	4	210	1-Sep-11	20-Sep-11	20	Annual Boiler Overhauling
	5	210	1-Apr-11	20-Apr-11	20	Annual Boiler Overhauling
Total		**705**				
Singrauli STPS	1	200	15-Sep-11	9-Oct-11	25	Annual Boiler Overhauling
	2	200	1-Aug-11	14-Sep-11	45	Capital Overhauling
	3	200	1-May-11	25-May-11	25	Annual Boiler Overhauling
	4	200	11-Oct-11	4-Nov-11	25	Annual Boiler Overhauling
	5	200	1-Mar-12	25-Mar-12	25	Annual Boiler Overhauling
	6	500	5-Nov-11	4-Dec-11	30	Annual Boiler Overhauling
	7	500	1-Apr-11	30-Apr-11	30	Annual Boiler Overhauling
Total		**2,000**				
Rihand STPS	1	500	20-Nov-11	19-Dec-11	30	Annual Boiler Overhauling
	2	500	20-Oct-11	18-Nov-11	30	Annual Boiler Overhauling
	3	500	10-Aug-11	8-Sep-11	30	Annual Boiler Overhauling
	4	500	15-Sep-11	14-Oct-11	30	Annual Boiler Overhauling
Total		**2,000**				
Unchahar TPS	1	210	11-Mar-11	14-Apr-11	35	Capital Overhauling
	2	210	2-Nov-11	29-Nov-11	28	Annual Boiler Overhauling
	3	210	1-Sep-11	25-Sep-11	25	Annual Boiler Overhauling
	4	210	16-Apr-11	20-May-11	35	Capital Overhauling
	5	210	1-Mar-12	25-Mar-12	25	Boiler Overhauling + LPT
Total		**1,050**				

Station Name	Unit	Capacity (MW)	Start Date	End Date	No. of Maintenance Days	Reason
DADRI (NCTPP)	1	210	21-Apr-11	15-May-11	25	Annual Boiler Overhauling
	2	210	20-Jan-12	13-Feb-12	25	Annual Boiler Overhauling
	3	210	14-Oct-11	17-Nov-11	35	Capital Overhauling
	4	210	6-Aug-11	9-Sep-11	35	Capital Overhauling
	5	490	13-Sep-11	12-Oct-11	30	Annual Boiler Overhauling
	6	490	20-Nov-10	19-Dec-10	30	Annual Boiler Overhauling
Total		**1820**				
Tanda TPS	1	110	1-Jul-11	25-Jul-11	25	Annual Boiler Overhauling
	2	110	25-Mar-11	23-May-11	60	L T R & M
	3	110	1-Dec-11	25-Dec-11	25	Annual Boiler Overhauling
	4	110	19-Aug-11	12-Sep-11	25	Boiler Overhauling
Total		**440**				
Delhi						
I.P.STATION						
RAJGHAT	1	67.5	30-May-11	5-Jun-11	7	Overhauling of Boiler
	2	67.5	10-Sep-11	14-Oct-11	35	Overhauling of Boiler
Total		**135**				
Haryana Power Generating Company						
Panipat TPS	1	110	14-Feb-12	28-Feb-12	15	Preventive Maintenance
	2	110				
	3	110	4-Apr-11	28-Apr-11	25	Annual Overhauling
	4	110	1-Dec-11	15-Dec-11	15	Annual Overhauling
	5	210	1-Apr-11	15-Apr-11	15	Preventive Maintenance
	6	210	16-Oct-11	24-Nov-11	40	Capital Maintenance
	7	250	29-Apr-11	13-May-11	15	Preventive Maintenance
	8	250	15-May-11	29-May-11	15	Preventive Maintenance
Total		**1,360**				
Yamunanagar TPP	1	300				
	2	300	1-Oct-11	15-Oct-11	15	Preventive Maintenance
Total		**600**				
Punjab State Electricity Board						
Ropar	1	210				
	2	210	1-Oct-11	25-Oct-11	25	Annual Overhauling
	3	210				
	4	210	17-Nov-11	31-Dec-11	45	Annual Overhauling
	5	210				
	6	210	27-Oct-11	15-Nov-11	20	Mini Shut Down
Total		**1260**				
GNDTP(Bhatinda)	1	110	8-Nov-11	7-Dec-11	30	Annual Overhauling
	2	110	1-Mar-12	30-Mar-12	30	Annual Overhauling
	3	110	30-Mar-11	31-Jul-11	124	Renovation & Modernisation
	4	110	1-Sep-11	30-Apr-12	243	Renovation & Modernisation
Total		**440**				
GHTP (LEH.MOH.)	1	210				
	2	210	28-Mar-11	16-Apr-11	20	Annual Overhauling
	3	250				
	4	250	2-May-11	31-May-11	30	1st Inspection of Generator & Boiler
Total		**920**				

Station Name	Unit	Capacity (MW)	Start Date	End Date	No. of Maintenance Days	Reason
Rajasthan Rajya Vidyut Utpadan Nigam Ltd.						
Kota TPS	1	110	1-Apr-11	20-May-11	50	Capital Overhauling
	2	110	1-May-11	21-May-11	21	Annual Boiler Overhauling
	3	210	21-May-11	4-Jul-11	45	Annual Boiler Overhauling + Replacement of HRH Coils
	4	210	6-Sep-11	26-Sep-11	21	Annual Boiler Overhauling
	5	210	16-Aug-11	5-Sep-11	21	Annual Boiler Overhauling
	6	195	5-Jul-11	25-Jul-11	21	Annual Boiler Overhauling
	7	195	26-Jul-11	15-Aug-11	21	Annual Boiler Overhauling
Total		**1,240**				
Suratgarh	1	250	26-Sep-11	16-Oct-11	21	Annual Overhauling
	2	250	12-Sep-11	2-Oct-11	21	Annual Overhauling
	3	250	20-Jul-11	17-Sep-11	60	Capital Overhauling of HP, IP, LP
	4	250	6-Jul-11	26-Jul-11	21	Annual Overhauling
	5	250	15-Jun-11	5-Jul-11	21	Annual Overhauling
	6	250				
Total		**1,500**				
Giral TPP	1	125	1-Jul-11	31-Jul-11	31	Annual Maintenance
	2	125	16-Aug-11	15-Sep-11	31	Annual Maintenance
Total		**250**				
Chhabra TPS	1	250	1-May-11	21-May-11	21	Annual Maintenance
	2	250	1-Jul-11	21-Jul-11	21	Annual Maintenance
Total		**500**				
Raj West Power	1	135	1-Oct-11	10-Oct-11	10	Refractory Maintenance
			1-Mar-12	15-Mar-12	15	Annual Overhauling
	2	135	9-Oct-11	18-Oct-11	10	Refractory Maintenance
			9-Mar-12	23-Mar-12	15	Annual Overhauling
	3	135	21-Oct-11	31-Oct-11	11	Refractory Maintenance
	4	135	13-Oct-11	22-Oct-11	10	Refractory Maintenance
			17-Mar-12	31-Mar-12	15	Annual Overhauling
	5	135				
Total		**675**				
Uttar Pradesh Rajya Vidyut Utpadan Nigam Ltd.						
Panki TPS	3	105	1-Jul-11	3-Sep-11	65	Capital Overhauling
	4	105				
Total		**210**				
Obra TPS	1	50	1-Jul-11	9-Aug-11	40	Annual Overhauling
	2	50				
	6	94				
	7	94	1-Apr-11	4-Nov-11	218	Refurbishment
	8	94	1-Jan-12	31-Jul-12	213	Refurbishment
	9	200				
	10	200	1-Aug-11	30-Apr-12	274	Refurbishment
	11	200	1-May-11	31-Dec-12	611	Refurbishment
	12	200	1-Oct-11	16-Nov-11	47	Annual Overhauling
	13	200				
Total		**1,382**				
Harduaganj B	5	60	25-Dec-11	24-Jan-12	31	Annual Overhauling
	7	105				
	8	250				
	9	250				
Total		**665**				

Station Name	Unit	Capacity (MW)	Start Date	End Date	No. of Maintenance Days	Reason
Paricha	1	110				
	2	110	1-Feb-12	16-Mar-12	45	Annual Overhauling
	3	210				
	4	210				
	5	250				
	6	250				
Total		**1140**				
Anpara	1	210				
	2	210	1-Jun-11	15-Jul-11	45	Capital Overhauling
	3	210	1-Oct-11	31-Oct-11	31	Annual Overhauling
	4	500	1-Aug-11	6-Sep-11	37	Capital Overhauling
	5	500				
Total		**1,630**				
Rosa TPS	1	300	15-Oct-11	8-Nov-11	25	Annual Overhauling
	2	300	15-Jan-12	10-Feb-12	27	Annual Overhauling
	3	300				
	4	300				
Total		**1,200**				
Western Region						
Korba STPS	1	200	10-Feb-12	5-Mar-12	25	BLR+GEN
	2	200	6-Mar-12	31-Mar-12	26	BLR
	3	200	1-Apr-11	30-Apr-11	30	BLR+HPT+LPT
	4	500	10-Jul-11	5-Aug-11	27	BLR
	5	500	10-May-11	3-Jun-11	25	BLR+GEN
	6	500	16-Aug-11	14-Sep-11	30	BLR
	7	500	6-Aug-11	15-Aug-11	10	PG Test Preparation
Total		**2,600**				
Sipat STPS	1	660				
	2	660				
	4	500	5-Oct-11	3-Nov-11	30	BLR
	5	500	1-Apr-11	25-Apr-11	25	Gen+BLR+Tur. Brg. Inspection
Total		**2,320**				
Vindhyanchal STPS	1	210	7-May-11	10-Jun-11	35	BLR+CAP+GEN
	2	210	25-Apr-11	30-Apr-11	6	Boiler License Renewal
	3	210	1-Jan-12	25-Jan-12	25	BLR
	4	210	15-Jul-11	3-Aug-11	20	BLR
	5	210	1-Apr-11	20-Apr-11	20	BLR+GEN
	6	210	1-Nov-11	20-Nov-11	20	BLR+GEN
	7	500	16-Aug-11	9-Sep-11	25	BLR
	8	500	10-Sep-11	9-Oct-11	30	BLR
	9	500	10-Jul-11	8-Aug-11	30	BLR
	10	500	10-Jun-11	4-Jul-11	25	BLR+LPT
Total		**3,260**				
Gujarat State Electricity Corporation Ltd.						
DHUVARAN	1	63.5				
	2	63.5				
	3	63.5				
	4	63.5				
	5	140				
	6	140				
Total		**534**				

Station Name	Unit	Capacity (MW)	Start Date	End Date	No. of Maintenance Days	Reason
Ukai	1	120	6-Jul-11	26-Jul-11	21	Annual Overhauling
	2	120	1-Sep-11	21-Sep-11	21	Annual Overhauling
	3	200	20-Aug-11	9-Sep-11	21	Annual Overhauling
	4	200	29-Jul-11	18-Aug-11	21	Annual Overhauling
	5	210	15-Jun-11	15-Jul-11	31	Annual Overhauling
Total		**850**				
Gandhi Nagar	1	120	20-Jun-11	3-Aug-11	45	Capital Overhauling
	2	120	5-Aug-11	25-Aug-11	21	Annual Overhauling
	3	210	15-Dec-11	4-Jan-12	21	Annual Overhauling
	4	210	19-Jun-11	9-Jul-11	21	Annual Overhauling
	5	210	10-Jul-11	30-Jul-11	21	Annual Overhauling
Total		**870**				
Wanakbori	1	210	25-Jul-11	14-Aug-11	21	Annual Overhauling
	2	210	1-Jul-11	21-Jul-11	21	Annual Overhauling
	3	210	2-Jun-11	22-Jun-11	21	Annual Overhauling
	4	210	1-Aug-11	21-Aug-11	21	Capital Overhauling
	5	210	21-Aug-11	11-Sep-11	22	Annual Overhauling
	6	210	11-Jul-11	31-Jul-11	21	Annual Overhauling
	7	210	20-Jun-11	10-Jul-11	21	Annual Overhauling
Total		**1,470**				
Sikka Rep.	1	120	15-Jul-11	28-Aug-11	45	Capital Overhauling
	2	120	22-Jun-11	12-Jul-11	21	Annual Overhauling
Total		**240**				
Kutch Lignite	1	70	25-Jun-11	15-Jul-11	21	Annual Overhauling
	2	70	21-Jul-11	10-Aug-11	21	Annual Overhauling
	3	75	10-Jun-11	12-Oct-11	125	Annual Overhauling/ TG Rotor Repair
	4	75	15-Aug-11	4-Sep-11	21	Annual Overhauling
Total		**290**				
GMDCL						
Akrimota	1	125				
	2	125				
Total		**250**				
Torrent Power Generation Ltd.						
A.E.Co.	15	30				
	16	30				
Total		**60**				
Sabarmati	1	110				
	2	110				
	3	110				
Total		**330**				
Surat Lignite	1	125				
	2	125				
Total		**250**				
Madhya Pradesh State Electricity Board						
Satpura	1	62.5	20-Jun-11	11-Jul-11	22	Annual Overhauling
	2	62.5	1-Sep-11	22-Sep-11	22	Annual Overhauling
	3	62.5	25-Jul-11	15-Aug-11	22	Annual Overhauling
	4	62.5	25-May-11	15-Jun-11	22	Annual Overhauling
	5	62.5	1-May-11	22-May-11	22	Annual Overhauling
	6	200	1-Jun-11	26-Jun-11	26	Annual Overhauling
	7	210	1-Aug-11	26-Aug-11	26	Annual Overhauling
	8	210	1-Jul-11	26-Jul-11	26	Annual Overhauling
	9	210	15-Aug-11	9-Sep-11	26	Annual Overhauling
Total		**1,142.5**				

Station Name	Unit	Capacity (MW)	Start Date	End Date	No. of Maintenance Days	Reason
Amar Kantak	3	120	1-Sep-11	21-Sep-11	21	Annual Overhauling
	4	120	1-Aug-11	21-Aug-11	21	Annual Overhauling
	5	210	1-Jul-11	25-Jul-11	25	Annual Overhauling
Total		**450**				
Sanjay Gandhi	1	210	1-Jul-11	25-Jul-11	25	Annual Overhauling
	2	210	1-Sep-11	25-Sep-11	25	Annual Overhauling
	3	210	30-Aug-11	23-Sep-11	25	Annual Overhauling
	4	210	25-Jul-11	19-Aug-11	26	Annual Overhauling
	5	500	15-Jul-11	9-Aug-11	26	Annual Overhauling
Total		**1,340**				
Chhattisgarh State Electricity Board						
Korba(East)	1	50	1-Jun-11	30-Jun-11	30	Capital Overhauling
	2	50	16-Sep-11	30-Sep-11	15	Annual Overhauling
	3	50	1-Sep-11	15-Sep-11	15	Annual Overhauling
	4	50	1-Oct-11	15-Oct-11	15	Annual Overhauling
Total		**200**				
Korba-III	1	120	16-Jun-11	8-Jul-11	23	Annual Overhauling
	2	120	9-Aug-11	31-Aug-11	23	Annual Overhauling
Total		**240**				
Korba-West	1	210	24-Sep-11	17-Nov-11	55	Capital Overhauling
	2	210	24-Jun-11	16-Jul-11	23	Annual Overhauling
	3	210	3-Aug-11	25-Aug-11	23	Annual Overhauling
	4	210	1-Sep-11	23-Sep-11	23	Annual Overhauling
Total		**840**				
Korba(DSPM)	1	250	1-Jun-11	23-Jun-11	23	Annual Overhauling
	2	250	17-Jul-11	8-Aug-11	23	Annual Overhauling
Total		**500**				
OP Jiindal	1	250	1-Aug-11	15-Aug-11	15	Annual Overhauling
	2	250	25-Sep-11	29-Sep-11	5	for Accumulated S/D Jobs
	3	250	1-Oct-11	15-Oct-11	15	for Accumulated S/D Jobs
	4	250	25-Sep-11	29-Sep-11	5	Annual Overhauling
Total		**1000**				
Pathadi TPS	1	300				
	2	300				
Total		**600**				
Maharashtra State Electricity Generation Company Ltd.						
Nasik	1	140	10-Dec-11	4-Jan-12	26	Annual Overhauling
	2	140	5-Feb-12	11-Mar-12	36	Capital Overhauling
	3	210	22-Jun-11	17-Jul-11	26	Annual Overhauling
	4	210	12-Nov-11	7-Dec-11	26	Annual Overhauling
	5	210	25-Sep-11	30-Oct-11	36	Capital Overhauling
Total		**910**				
Koradi	1	120				
	2	120				
	3	120				
	4	120				
	5	200	1-Jul-11	5-Aug-11	36	Capital Overhauling
	6	210				
	7	210	1-Jun-11	26-Jun-11	26	Annual Overhauling
Total		**1,100**				
Khaper Kheda II	1	210	5-Jul-11	30-Jul-11	26	Annual Overhauling
	2	210	24-Sep-11	19-Oct-11	26	Annual Overhauling
	3	210	20-Mar-12	14-Apr-12	26	Annual Overhauling
	4	210	5-Feb-12	1-Mar-12	26	Annual Overhauling
Total		**840**				

Station Name	Unit	Capacity (MW)	Start Date	End Date	No. of Maintenance Days	Reason
Paras	2	62.5				
Paras Expn	3	250	28-Jul-11	22-Aug-11	26	Annual Overhauling
	4	250				
Total		**562.5**				
Bhusawal	1	62.5				
	2	210	1-Jul-11	15-Aug-11	46	Capital Overhauling
	3	210	5-Sep-11	30-Sep-11	26	Annual Overhauling
Total		**482.5**				
Parli	1	30				
	2	30				
	3	210	8-Apr-11	13-May-11	36	Capital Overhauling
	4	210	1-Jul-11	26-Jul-11	26	Annual Overhauling
	5	210	7-Jan-12	11-Feb-12	36	Annual Overhauling
Total		**690**				
New Parli	1	250	1-May-11	26-May-11	26	Annual Overhauling
	2	250	1-Jun-11	26-Jun-11	26	Annual Overhauling
Total		**500**				
Chandrapur	1	210	1-Jul-11	26-Jul-11	26	Annual Overhauling
	2	210	1-Aug-11	26-Aug-11	26	Annual Overhauling
	3	210	1-Sep-11	26-Sep-11	26	Annual Overhauling
	4	210	1-Jun-11	26-Jun-11	26	Annual Overhauling
	5	500	1-Sep-11	26-Sep-11	26	Annual Overhauling
	6	500	1-Jul-11	26-Jul-11	26	Annual Overhauling
	7	500	1-Aug-11	10-Sep-11	41	Capital Overhauling
Total		**2,340**				
Tata Electricity Company						
Trombay	4	150				
	5	500	7-Jan-12	1-Feb-12	26	Annual Overhauling
	7	180	28-Jul-11	3-Aug-11	7	Inspection
	8	250				
Total		**1,080**				
BSES						
Dhanu	1	250	1-Nov-11	20-Nov-11	20	Annual Overhauling
	2	250	1-Dec-11	7-Dec-11	7	License Inspection/ Renewal
Total		**500**				
Southern Region						
Ramagundam STPS	1	200	1-Jun-11	30-Jun-11	30	Boiler Overhaul/ Annual Maintenance
	2	200	1-Nov-11	25-Nov-11	25	Boiler Overhaul/ Annual Maintenance
	3	200	23-Nov-11	20-Dec-11	28	Boiler Overhaul/ Annual Maintenance
	4	500	1-Jul-11	4-Aug-11	35	Boiler Overhaul/ Annual Maintenance
	5	500	8-Sep-11	7-Oct-11	30	Boiler Overhaul/ Annual Maintenance
	6	500	9-Oct-11	7-Nov-11	30	Boiler Overhaul/ Annual Maintenance
	7	500	7-Aug-11	5-Sep-11	30	Boiler Overhaul/ Annual Maintenance
Total		**2,600**				
Simhadri STPS	1	500	1-Dec-11	30-Dec-11	30	Boiler Overhaul/ Annual Maintenance
	2	500	16-Aug-11	16-Sep-11	32	Boiler Overhaul/ Annual Maintenance
	3	500				
Total		**1,500**				
Neyveli Fst Ext	1	210	10-Nov-11	9-Dec-11	30	Boiler Overhaul/ Annual Maintenance
	2	210	1-Oct-11	9-Nov-11	40	Boiler Overhaul/ Annual Maintenance
Total		**420**				

Station Name	Unit	Capacity (MW)	Start Date	End Date	No. of Maintenance Days	Reason
Neyveli St I	1	50	13-Nov-11	3-Dec-11	21	Boiler Overhaul/ Annual Maintenance
	2	50	27-May-11	10-Jul-11	45	R & M / Refurbishment Works
	3	50	1-May-11	21-May-11	21	Boiler Overhaul/ Annual Maintenance
	4	50	4-Dec-11	24-Dec-11	21	Boiler Overhaul/ Annual Maintenance
	5	50	19-Jul-11	8-Aug-11	21	Boiler Overhaul/ Annual Maintenance
	6	50	28-Jun-11	18-Jul-11	21	Boiler Overhaul/ Annual Maintenance
	7A	50	16-Aug-11	5-Sep-11	21	Boiler Overhaul/ Annual Maintenance
	7B	50	15-Aug-11	4-Sep-11	21	R & M / Refurbishment Works
	8A	50	29-Sep-11	12-Nov-11	45	Boiler Overhaul/ Annual Maintenance
	8B	50	28-Sep-11	11-Nov-11	45	Boiler Overhaul/ Annual Maintenance
	9A	50	8-Sep-11	28-Sep-11	21	Boiler Overhaul/ Annual Maintenance
	9B	50	7-Sep-11	27-Sep-11	21	Boiler Overhaul/ Annual Maintenance
Total		**600**				
Neyveli St II	1	210	22-Jun-11	16-Jul-11	25	Boiler Inspection/ Re-Certification
	2	210	22-Jul-11	26-Jul-11	5	Boiler Inspection/ Re-Certification
			13-Sep-11	1-Nov-11	50	Boiler Overhaul/ Annual Maintenance
	3	210	18-Nov-11	12-Dec-11	25	Boiler Inspection/ Re-Certification
	4	210	21-Oct-11	4-Dec-11	45	Boiler Inspection/ Re-Certification
	5	210	14-May-11	18-May-11	5	Boiler Inspection/ Re-Certification
			12-Jul-11	30-Aug-11	50	Boiler Overhaul/ Annual Maintenance
	6	210	6-Dec-11	30-Dec-11	25	Boiler Inspection/ Re-Certification
	7	210	25-Aug-11	18-Sep-11	25	Boiler Inspection/ Re-Certification
Total		**1,470**				
Neyveli Fst Ext	1	210	10-Nov-11	9-Dec-11	30	Boiler Overhaul/ Annual Maintenance
	2	210	1-Oct-11	9-Nov-11	40	Boiler Overhaul/ Annual Maintenance
Total		**420**				
Andhra Pradesh Generating Company Ltd.						
Kotha Gudem	1	60	16-Jun-11	30-Jun-11	15	Boiler Overhaul/ Annual Maintenance
	2	60	1-Sep-11	15-Sep-11	15	Boiler Overhaul/ Annual Maintenance
	3	60	1-Aug-11	15-Aug-11	15	Boiler Overhaul/ Annual Maintenance
	4	60	16-Sep-11	30-Sep-11	15	Boiler Overhaul/ Annual Maintenance
	5	120	16-Sep-11	30-Sep-11	15	Boiler Overhaul/ Annual Maintenance
	6	120	16-Oct-11	30-Oct-11	15	Boiler Overhaul/ Annual Maintenance
	7	120	16-Aug-11	30-Aug-11	15	Boiler Overhaul/ Annual Maintenance
	8	120	16-Jul-11	30-Jul-11	15	Boiler Overhaul/ Annual Maintenance
	9	250	1-Jun-11	30-Jun-11	30	Boiler Overhaul/ Annual Maintenance
	10	250				
Total		**1,220**				
Vijaywada	1	210	1-Aug-11	19-Sep-11	50	Capital Maintenance
	2	210	16-Oct-11	30-Dec-11	76	Capital Maintenance
	3	210	1-Jul-11	15-Jul-11	15	Boiler Overhaul/ Annual Maintenance
	4	210				
	5	210	1-Oct-11	30-Oct-11	30	Boiler Overhaul/ Annual Maintenance
	6	210				
	7	500	1-Dec-11	15-Dec-11	15	Boiler Overhaul/ Annual Maintenance
Total		**1,760**				
Ramagundam-B	1	62.5	16-Jul-11	30-Jul-11	15	Boiler Overhaul/ Annual Maintenance
Rayal Seema	1	210	1-Oct-11	9-Nov-11	40	Capital Maintenance
	2	210				
	3	210				
	4	210				
Total		**840**				
Kakatiya TPP	1	**500**	16-Nov-11	30-Nov-11	15	Boiler Overhaul/ Annual Maintenance

Station Name	Unit	Capacity (MW)	Start Date	End Date	No. of Maintenance Days	Reason
Karnataka Power Corporation Ltd.						
Raichur TPS	1	210	11-Oct-11	10-Dec-11	61	Annual Maintenance
	2	210	23-Jun-11	8-Jul-11	16	Annual Maintenance
	3	210	28-Aug-11	27-Oct-11	61	Annual Maintenance
	4	210	1-Jun-11	16-Jun-11	16	Annual Maintenance
	5	210	6-Aug-11	21-Aug-11	16	Annual Maintenance
	6	210	15-Jul-11	30-Jul-11	16	Annual Maintenance
	7	210	19-Sep-11	4-Oct-11	16	Annual Maintenance
Total		**1,470**				
Bellary TPP	1	**500**	1-Sep-11	25-Sep-11	25	Annual Maintenance
Tamil Nadu Electricity Board						
Ennore	1	60	20-Feb-11	20-Apr-11	60	Annual Maintenance
	2	60	26-Jul-11	19-Aug-11	25	Annual Maintenance
	3	110	21-Apr-11	19-Jun-11	60	Annual Maintenance
	4	110	6-Sep-11	20-Sep-11	15	Annual Maintenance
	5	110	6-Oct-11	3-Jan-12	90	Annual Maintenance
Total		**450**				
Tuticorin	1	210	13-Dec-11	27-Dec-11	15	Annual Maintenance
	2	210	1-Jun-11	15-Jun-11	15	Annual Maintenance
	3	210	22-Jun-11	10-Aug-11	50	Annual Maintenance
	4	210	14-Aug-11	27-Sep-11	45	Annual Maintenance
	5	210	30-Sep-11	14-Oct-11	15	Annual Maintenance
Total		**1,050**				
Mettur	1	210	13-Jan-12	27-Jan-12	15	Annual Maintenance
	2	210	17-Aug-11	31-Aug-11	15	Annual Maintenance
	3	210	5-Oct-11	23-Nov-11	50	Annual Maintenance
	4	210	15-Sep-11	29-Sep-11	15	Annual Maintenance
Total		**840**				
North Chennai	1	210	11-Jun-11	25-Jun-11	15	Annual Maintenance
	2	210	11-Dec-11	25-Dec-11	15	Annual Maintenance
	3	210	25-Aug-11	8-Sep-11	15	Annual Maintenance
Total		**630**				
Eastern Region						
Kahalgaon STPS-I	1	210	21-May-11	9-Jun-11	20	Boiler Overhaul/ Annual Maintenance
	2	210	20-Jun-11	14-Jul-11	25	Boiler Overhaul/ Annual Maintenance
	3	210	6-Aug-11	30-Aug-11	25	Boiler Overhaul/ Annual Maintenance
	4	210	1-Apr-11	20-Apr-11	20	Boiler Overhaul/ Annual Maintenance
Kahalgaon STPS-II	5	500	1-Jan-11	25-Jan-11	25	Boiler Overhaul/ Annual Maintenance
	6	500	1-Sep-11	5-Oct-11	35	Boiler Overhaul/ Annual Maintenance
	7	500	11-Jun-11	5-Jul-11	25	Boiler + Generator
Total		**2,340**				
Talcher TPS	1	60	10-Dec-11	24-Dec-11	15	Boiler Overhaul/ Annual Maintenance
	2	60	22-Nov-11	6-Dec-11	15	Boiler Overhaul/ Annual Maintenance
	3	60	4-Nov-11	18-Nov-11	15	Boiler Overhaul/ Annual Maintenance
	4	60	9-Oct-11	28-Oct-11	20	Boiler Overhaul/ Annual Maintenance
	5	110	20-Aug-11	3-Oct-11	45	COH+FSSS R&M+REFURBISHED HPT
	6	110	1-Jul-11	14-Aug-11	45	COH+FSSS R&M+REFURBISHED HPT
Total		**460**				
Talcher STPS-I	1	500	1-Dec-11	30-Dec-11	30	Boiler Overhaul/ Annual Maintenance
	2	500	12-Jul-11	20-Aug-11	40	Boiler + Generator
Talcher STPS-II	3	500	1-Jun-11	5-Jul-11	35	Boiler + Generator
	4	500	25-Aug-11	28-Sep-11	35	Boiler + Generator
	5	500	29-Sep-11	28-Oct-11	30	Boiler Overhaul/ Annual Maintenance
	6	500	10-Nov-11	9-Dec-11	30	Boiler Overhaul/ Annual Maintenance
Total		**3,000**				

Station Name	Unit	Capacity (MW)	Start Date	End Date	No. of Maintenance Days	Reason
Farakka STPS	1	200	1-Mar-12	25-Mar-12	25	Boiler Overhaul/ Annual Maintenance
	2	200	10-Jul-11	3-Aug-11	25	Boiler +RLA+ Generator+LPT
	3	200	1-Sep-11	25-Sep-11	25	Boiler +RLA
	4	500	1-Aug-11	25-Aug-11	25	Boiler +RLA+ Generator+LPT
	5	500	1-Apr-11	5-May-11	35	Boiler + LPT RLA
Total		**1,600**				
Damodar Valley Corporation						
Chandrapura	1	130				
	2	130	12-Jun-11	11-Aug-11	61	Capital Overhauling
	3	130				
	4	120				
	5	120				
	6	120				
	7	250				
	8	250				
Total		**1,250**				
Durgapur	3	140	25-Aug-11	24-Oct-11	61	Capital Overhauling
	4	210				
Total		**350**				
Bokaro - B	1	210				
	2	210	1-Dec-11	30-Jan-12	61	Capital Overhauling
	3	210	1-May-11	21-May-11	21	Annual Overhauling
Total		**630**				
Mejia	1	210				
	2	210				
	3	210	1-May-11	15-Jun-11	46	Annual Overhauling
	4	210				
	5	250				
	6	250				
Total		**1,340**				
Bihar State Electricity Board						
Barauni	4	50				
	5	50				
	6	105	1-Aug-11	31-Mar-12	244	Renovation & Modernisation
	7	105	1-Apr-11	31-Oct-11	214	Renovation & Modernisation
Total		**310**				
VPGCL						
Muzaffarpur	1	110	1-Apr-11	31-Aug-11	153	Renovation & Modernisation
	2	110	1-Sep-11	31-Mar-12	213	Renovation & Modernisation
Total		**220**				
Jharkhand State Electricity Board						
PATRATU	1					
	2					
	3	40	1-Apr-11	31-Mar-12	366	Annual Maintenance
	4	40				
	5	90				
	6	90				
	7	105				
	8	105	1-Apr-11	31-Mar-12	366	Annual Maintenance
	9	110	1-Apr-11	31-Dec-11	275	Fire Hazard
	10	110	1-Apr-11	31-Dec-11	275	Fire Hazard
Total		**690**				

Station Name	Unit	Capacity (MW)	Start Date	End Date	No. of Maintenance Days	Reason
Tenughat Vidyut Nigam Ltd.						
Tenughat	1	210	1-Jul-11	31-Jul-11	31	Misc. Maintenance work
	2	210	15-Sep-11	30-Sep-11	16	Misc. Maintenance work
Total		**420**				
Orissa Power Generation Company Ltd.						
I.B.Valley	1	210	1-Apr-11	5-May-11	35	Annual Overhaul
	2	210	14-Jan-12	30-Jan-12	17	Anuual overhaul
Total		**420**				
West Bengal Power Development Corporation Ltd.						
Bandel	1	60				
	2	60				
	3	60				
	4	60	1-Dec-11	14-Jan-12	45	BTG Overhauling
	5	210	21-Oct-11	9-Nov-11	20	Overhauling of Boiler
Total		**450**				
Santaldih	1					
	2					
	3					
	4					
	5	250	15-Jun-11	5-Jul-11	21	Boiler Licence
Total		**250**				
Kolaghat	1	210				
	2	210				
	3	210	15-Aug-11	14-Sep-11	31	Boiler+Cond. overhauling
	4	210				
	5	210	9-Nov-11	30-Nov-11	22	Boiler overhauling
	6	210	1-Jun-11	25-Jun-11	25	Boiler+Generating overhauling
Total		**1,260**				
Bakreswar	1	210	5-Jul-11	19-Aug-11	46	Boiler+Turbine+Gen overhauling
	2	210				
	3	210				
	4	210				
	5	210	10-Oct-11	30-Oct-11	21	Boiler License
Total		**1,050**				
Sagardighi TPP	1	300	21-Nov-11	10-Dec-11	20	Short shut down
	2	300	1-Sep-11	20-Sep-11	20	Short shut down
Total		**600**				
D.P.L.	1	30				
	2	30				
	3	75				
	4	75	16-Jul-11	4-Aug-11	20	Unit Overhauling
	5	75				
	6	110	1-Nov-11	28-Feb-12	120	Unit Overhauling
	7	300	1-Apr-11	15-Apr-11	15	Recommissioning Activities
Total		**695**				
Calcutta Electricity Supply Company						
New Cossipore	1	30				
	2	30				
	3	50				
	4	50				
Total		**160**				

Station Name	Unit	Capacity (MW)	Start Date	End Date	No. of Maintenance Days	Reason
Titagarh	1	60	26-Dec-11	29-Dec-11	4	Statutory Hydraulic test
	2	60	11-Dec-11	25-Dec-11	15	Statutory inspection of Boiler
	3	60	10-Nov-11	9-Dec-11	30	Statutory inspection of Boiler
	4	60	6-Nov-11	9-Nov-11	4	Statutory Hydraulic test
Total		**240**				
Southern REPL.	1	67.5	25-Jan-12	8-Feb-12	15	Statutory inspection of Boiler
	2	67.5				
Total		**135**				
Budge Budge	1	250	10-Jan-12	24-Jan-12	15	Statutory inspection of Boiler
	2	250				
Total		**500**				

Generating Schemes Expected to be commissioned during 2011-12

Scheme	State/ Implementing Agency	No. of Units & Unit Size (MW)	Capacity (MW)	Commissioning Schedule
Thermal				
Pragati CCGT-III GT- 3, ST-1	Delhi/ PPCL	2x250	500	Jul to Sep-11, Oct to Dec-11
Indira Gandhi TPP U-2	Haryana/ NTPC	1x500	500	Oct to Dec-11
Jallipa-Kapurdi TPP U-3	Rajasthan/ JSW	1x135	135	Jul to Sep-11
Harduaganj Extn. U-8, U-9	Uttar Pradesh/ UPRVUNL	2x250	500	Jul to Sep-11, Jan to March-11
Anpara-C U-1, U-2	Uttar Pradesh/ Lanco	2x600	1200	Jul to Sep-11, Oct to Dec-11
Sipat STPP U-1, U-2	Chhattisgarh/ NTPC	2x660	1320	Jul to Sep-11, Oct to Dec-11
Hazira CCPP Extn.	Gujarat/ GSECL	1x351	351	Jul to Sep-11
Mundra TPP U-6	Gujarat/ Adani	1x660	660	Jul to Sep-11
Mundra Ultra Mega TPP U-1	Gujarat/ Tata	1x800	800	Jul to Sep-11
Ratnagiri TPP U-3, U-4	Maharashtra/ JSW	2x300	600	Apr to Jun-11, Oct to Dec-10
Tiroda TPP Phase-I U-1	Maharashtra/ Adani	1x660	660	Jan to March-11
Bhusawal TPS Expn. U-4, U-5	Maharashtra/ MSPGCL	2x500	1000	Jul to Sep-11, Jan to March-11
Khaperkheda U-5	Maharashtra/ MSPGCL	1x500	500	Apr to Jun-11
Warora U-4	Maharashtra/ KSK	1x135	135	Apr to Jun-11
Kothagudem TPP U-11	Andhra Pradesh/ APGCL	1x500	500	Apr to Jun-11
Bellary TPP St-II U-2	Karnataka/ KPCL	1x500	500	Oct to Dec-11
Udupi U-2	Karnataka/ Lanco	1x600	600	Apr to Jun-11
Neyvelli TPS-II Exp. U-1	Tamil Nadu/ NLC	1x250	250	Oct to Dec-11
Koderma TPP U-1	Jharkhand/ DVC	1x500	500	Apr to Jun-11
Maithon RBC TPP U-1, U-2	Jharkhand/ DVC	2x525	1050	Apr to Jun-11, Jan to March-11
Jharsugda U-3	Orissa/ Sterlite	1x600	600	Oct to Dec-11
Durgapur Steel TPS U-1, U-2	West Bengal/ DVC	2x500	1000	Jul to Sep-11, Jan to March-11
Santaldih U-6	West Bengal/ WBPDCL	1x250	250	Jul to Sep-11
Total Thermal			**14111**	

Generating Schemes Expected to be commissioned during 2011-12

Scheme	State/ Implementing Agency	No. of Units & Units size (MW)	Capacity (MW)	Commissioning Schedule
Hydro				
Budhil U-I, U-2	Himachal Pradesh/ NALCO Green	2x35	70	Oct-11, Nov-11
Chamera-III U-I, U-2, U-3	Himachal Pradesh/ NHPC	3x77	231	Aug-11, Sept-11, Oct-11
Karcham Wangtoo U-I, U-2, U-3, U-4	Himachal Pradesh/ JKHCL	4x250	1000	May-11, July -11, Aug-11, Oct-11
Malana-II U-I, U-2	Himachal Pradesh/ Everest PPL	2x50	100	May-11, June-11
Chutak U-I, U-2, U-3, U-4	J & K/ NHPC	4x11	44	Oct-11, Nov-11, Nov-11, Dec-11
Uri-II U-I, U-2, U-3, U-4	J & K/ NHPC	4x60	240	Nov-11, Dec-11, Jan-12, Feb-12
Koteshwar U-3, U-4	Uttarakhand/ THDC	2x100	200	Nov-11, Mar-12
Priyadarshni Jurala U-6	Andhra Pradesh/ APGENCO	1x39	39	June-11
Bhawani Barrage-II U-1, U-2	Tamil Nadu/ TANGEDCO	2x15	30	Feb-12, Feb-12
Myntdu U-I, U-2, U-3	Meghalaya/ MeECL	3x42	126	June-11, July-11, Feb-12
Total Hydro			**2080**	
Nuclear				
Kudankulam U-1	Tamil Nadu/ NPCIL	1x1000	1000	June-11
Total Nuclear			**1000**	
Total (Thermal + Hydro + Nuclear)			**17191**	

Allocation of power from Central Generating Stations as on 31/03/11 of the Northern, Western, Southern, Eastern & North-Eastern Regions

Overview

Region	Installed Capacity (#)	Firm Share	Unallocated Share				Diverted from Firm Share	Remarks
			Total	Specific Allocations	Quantum for Pooling	Not in common Pool		
Northern	17,694	15,693	2,001	402	1380	219	0	Note (1)
Western	10,412	8,961	1,451	476	975	0	0	Note (2)
Southern	7,590	6,205	1,085	0	1085	0	300	Note (3)
Eastern	4,994	4,118	776	0	516	260	100	Note (4)
North-Eastern	1,335	1,052	283	0	183	100	0	Note (5)
Total	**42,025**	**36,029**	**5,596**	**878**	**4139**	**579**	**400**	

(#) This is total share in Central Generating Stations

Notes :

1) Installed Capacity includes 440 MW of RAPP 3 and 4. Firm share includes 374 MW (=440-66) non-firm share of RAPP 3 and 4. Specific Allocation includes 100 MW ro Railways and 2 MW to PGCIL. Not in common pool includes unallocated power of RAPP 3 and 4 (66 MW) . In addition to Firm Share of 12598 MW in CGSs of NR, 867 MW Firm Power from NTPC stations of ER {Farakka=113 MW,Kahalgaon-I=261 MW, Mezia=150 MW and Kahalgaon-II=343 MW} is also allocated to NR constituents in lieu of Tala HEP power. 153 MW unallocated power from Tala HEP also allocated to NR. NR has been allocated (revised wef 20.03.10) 498 MW (firm) power from Kahalgaon-II. Specific allocation of 0 MW for Kumbh to Uttarakhand wef 01.05.10, 300 MW to UP due to drought w.e.f. 28.04.10 and 41 MW to J&K during winter months wef 01.10.10 to 28.02.11.Dadri NCTPS (490 MW) added and RAPP U-5 (220 MW) added wef 12.02.10. RAPP U-6 (220 MW) added wef 07.04.10. Unit 1,3 and 2 of Sewa HEP (40 MW each) DoCO wef 29.06.2010, 02.07.2010 and 24.07.2010 respectively added in NR. Dadri NCTPS-II unit 2 (490 MW) DoCO wef 31.07.2010 added in NR. Unit 1 (500 MW) of Indira Gandhi STPS (Jhajjar) DoCO wef 5.3.11.

2) Specific allocation of 40 MW to DD and 10 MW to DNH, 4 MW to PGCIL, 8 MW to SEZ and 18 MW to HWP(DAE). Kahalgaon_II unit 3 (500 MW) DoCO wef 20.03.10. WR has been allocated 398 MW (from 3 units) (firm) power.Sipat STPS-II DoCO wef 03-01-09. Specific allocation of 15 MW (from Kawas and Gandhar each) to DD and 35 MW(from Kawas and Gandhar each) to DNH. Additional specific allocation to DD(28.3 MW), DNH (42.45 MW) and Goa (25 MW) from Kawas and Gandhar GPS wef 19.11.09. Specific allocation of 200 MW to MP wef 06.05.10. Korba unit 7 (500 MW) DoCO wef 21.03.11.

3) Restoration of 100 MW share of Goa in Ramagundam STPS in SR vide MoP letter no. 3/4/2006-OM dated 10-02-06. These have been shown in WR allocation sheet. MAPS capacity uprated from 340 to 440 MW. 200 MW firm power allocated to Orissa which has been shown in ER allocation sheet. Kaiga APS unit 3 added w.e.f. 18.5.07.

4) Total ER capacity = 4994 MW {3440+60+510+270+60+150(Mezia)+Kahalgaon-II (36+343+125=504)}. Total power to ER constituents = 5299 MW (including 460 MW dedicated and 200 MW from Talcher-II).

The unallocated power from Farakka = 240 MW, Kahalgaon = 126 MW, Talcher = 150 MW, Chukha = 40MW, Rangit = 9 MW Kurichu = 9 MW, Teesta = 77 MW, and Kahalgaon-II(3 units) = 125 MW (225 MW - 100 MW to NER) [Total UA power = 776 MW].

Out of 516 MW quantum for pooling, the power allocated to other Regions = 254 MW [NR = 0 MW, WR = 0 MW SR = 135 MW and NER = 119 MW during 1900 to 2200 hrs.] 1.26 MW allocation to PowerGrid for HVDC Saasaram from Kahalgaon STPS. 121 MW from unallocated power is allocated to Bihar. 140 MW from unallocated power is allocated to Jharkhand.

DVC surrendered share of 100 MW is allocated to Assam.

260 MW (not in common pool) includes unallocated power of Rangit HPS, Chukha HPS , Kiruchu HPS and Teesta HPS allocated to ER constituents =135 MW) and 100 MW from unallocated power of Kahalgaon-II is allocated to Bihar. 25 MW from unallocated power of Kahalgaon-II is allocated to Jharkhand.

5) The unallocated power 4 MW (of Kopili Stg - II = 15% of 25 MW) added in 2004-05. Unallocated power of Kahalgaon-II(3 units) (=100 MW) allocated to NER(Assam=76 MW and Meghalaya =24 MW).

Allocation of power from Central Generating Stations as on 31/03/11 of the Northern, Western, Southern, Eastern and North Eastern Regions

Northern Region

Stations	Installed Capacity (#)	Chandigarh		Delhi		Haryana		Himachal Pradesh		Jammu & Kashmir		Punjab		Rajasthan		Uttar Pradesh		Uttarakhand		PowerGrid		Railways	
	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW
CGS (NR only) w/o RAPP 3 and 4	15736																						
RAPP 3 and 4	440																						
CGS(NR) + RAPP 3 and 4	16176																						
Tala Power [F-113,K1-261,K2-343,M-150,UA-153]	1020																						
Kahalgaon-II (NR share) [841-343]	498																						
CGS(NR) + RAPP 3 and 4+Tala (1020)+ Kahalgaon-II (NR share-498 MW)	17694																						
CGS(NR) + RAPP 3 and 4+Tala (1020)+ Kahalgaon-II (NR share-498 MW) w/o RAPP 3 and 4	17254																						
Singrauli STPS	2000	0.0	0	7.5	150	10.0	200	0.0	0	0.0	0	10.0	200	15.0	300	37.7	754	4.8	96				
Rihand STPS	1000	1.0	10	10.0	100	6.5	65	3.5	35	7.0	70	11.0	110	9.5	95	32.6	326	3.9	39				
Rihand STPS Stg. - II	1000	0.8	8	12.6	126	5.7	57	3.3	33	9.4	94	10.2	102	10.0	100	29.6	296	3.4	34				
Unchahar - I TPS	420	0.5	2	5.7	24	2.6	11	1.7	7	3.3	14	8.6	36	4.8	20	59.5	250	8.6	36				
Unchahar - II TPS	420	0.7	3	11.2	47	5.5	23	2.9	12	7.1	30	14.3	60	9.1	38	30.7	129	3.6	15				
Unchahar - III TPS (Unit 5)	210	0.5	1	13.8	29	5.7	12	3.8	8	6.2	13	8.1	17	11.0	23	30.0	63	6.2	13				
Dadri NCTPS	840	0.0	0	90.0	756	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	10.0	84	0.0	0			0	
Dadri NCTPS Stage-II	980	0.0	0	75.0	735	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	10.0	98	0.0	0				
Dadri NCGPS	830	0.6	5	11.0	91	4.9	41	3.0	25	6.8	56	15.9	132	9.3	77	29.6	246	3.4	28				
Anta GPS	419	1.2	5	10.5	44	5.7	24	3.6	15	6.9	29	11.7	49	19.8	83	21.8	91	3.8	16				
Auraiya GPS	663	0.8	5	10.9	72	5.9	39	3.3	22	6.6	44	12.5	83	9.2	61	32.1	213	3.8	25				
Indira Gandhi STPS (Jhajjar) (Unit	500	0.0	0	46.2	231	46.2	231	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0				
NAPS	440	1.1	5	10.7	47	6.4	28	3.2	14	7.5	33	11.6	51	10.0	44	31.3	138	3.7	16				
RAPP U-5 & 6	440	0.7	3	12.7	56	5.7	25	3.4	15	0.0	0	10.2	45	20.0	88	19.6	86	3.4	15				
Salal HPS	690	0.3	2	11.6	80	15.0	104	1.0	7	34.4	237	26.6	184	3.0	20	7.0	48	1.2	8				
Chamera HPS- I	540	3.9	21	7.9	43	15.8	85	14.9	81	3.9	21	10.2	55	19.6	106	20.3	109	3.5	19				
Chamera HPS- II	300	0.7	2	13.3	40	5.7	17	15.7	47	6.3	19	10.0	30	9.7	29	20.7	62	0.0	0				
Tanakpur HPS	94	1.3	1	12.8	12	6.4	6	3.8	4	7.7	7	17.9	17	11.5	11	22.6	21	15.9	15				
Bairasiul HPS	180	0.0	0	11.0	20	30.5	55	12.0	21	0.0	0	46.5	84	0.0	0	0.0	0	0.0	0				
Uri HPS	480	0.6	3	11.0	53	5.4	26	2.7	13	34.0	163	13.8	66	9.0	43	20.1	96	3.5	17				
Dhauliganga HEP	280	0.7	2	13.2	37	5.7	16	3.6	10	6.1	17	10.0	28	9.7	27	20.0	56	16.1	45				

Stations	Installed Capacity (#)	Chandigarh		Delhi		Haryana		Himachal Pradesh		Jammu & Kashmir		Punjab		Rajasthan		Uttar Pradesh		Uttarakhand		PowerGrid		Railways	
	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW
Nathpa Jhakri HPS $	1500	0.5	8	9.5	142	4.3	64	36.5	547	7.0	105	10.1	152	7.5	112	14.7	221	0.0	0				
Dulhasti HEP *	390	0.5	2	12.8	50	5.5	21	0.0	0	21.2	82	8.3	32	10.9	42	21.8	85	4.1	16				
Tehri Stage - I (4 Units)	1000	0.6	6	10.3	103	4.3	43	2.8	28	4.8	48	7.7	77	7.5	75	37.4	374	14.7	147				
Sewa - II HEP (3 units)	120	0.8	1	13.3	16	5.8	7	0.0	0	19.2	23	8.3	10	10.8	13	22.5	27	4.2	5				
Farakka STPS (1600 MW)	113	0.0	0	1.4	22	0.7	11	0.0	0	0.9	14	1.4	22	0.7	11	2.1	33	0.0	0				
Kahalgaon - I (840 MW)	261	0.0	0	6.1	51	3.0	26	0.0	0	3.7	31	6.1	51	3.0	26	9.1	77	0.0	0				
Mezia unit 6 (250 MW)	150	0.0	0	19.6	29	9.8	15	0.0	0	11.8	18	19.6	29	9.8	15	29.4	44	0.0	0				
Kahalgaon - II (1500 MW) [498 MW firm+ 343 MW in lieu of Tala]	841	0.2	3	10.5	157	4.6	69	1.5	23	5.6	83	8.0	120	7.1	107	16.7	251	1.9	28				
Firm Power	15319		98		3363		1321		967		1251		1842		1566		4278		633				
Non-Firm Allocations	440																						
RAPS # 3 & 4 ***	440	0.00	0	0.00	0	10.91	48	0.0	0	7.95	35	22.73	100	28.41	125	15.00	66	0.00	0				
Dedicated Stations	1876																						
Badarpur TPS	705			100.0	705																		
Tanda TPS	440															100.0	440						
Faridabad CCGT	431					100.0	431																
RAPS-A(#1 & 2)	300													100.0	300								
Total Unallocated Power **	2001																						
Specific Allocations to Power Grid (HVDC)	2																			2			
Railways	100																					100	
J&K	0										0												
UP (due to drought)	300																300						
Unallocated Power	1380	7.0	97	0.0	0	9.0	124	14.0	193	22.0	303	4.0	55	15.5	214	20.0	276	8.5	117				
UA Power of RAPS 3 & 4***	66	21.2	14	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	56.1	37	22.7	15	0.0	0				
UA of Tala	153	0.0	0	19.6	30	9.8	15	0.0	0	11.8	18	19.6	30	9.8	15	29.4	45	0.0	0				
Entitlement in NR	19570		209		4098		1939.2		1160		1607		2027.2		2257		5420.1		750		2		100
Unallocated Power from NTPC Stations of Eastern Region	0		0		0		0		0		0		0		0		0		0				
Power from DVC's share of ER	0		0		0		0		0		0		0		0		0		0				
Total Power including ER Power	19570		209		4098		1939		1160		1607		2027		2257		5420		750		2		100

Note: Revised due to addition of Unit 1 (500 MW) of Indira Gandhi STPS (Jhajjar) wef 5.3.11 till 31.3.11.

(#) This is total share of the Region in Central Generating Stations

* In Dulhasti HEP 12.75 MW share of HP is proposed to be allocated to J&K in addition to J&K's own share as HP refused to purchase power from Dulhasti HEP .

** Out of 2001 MW (Tala UA = 153 MW and RAPP 3&4 = 66 MW i.e. total 219 MW not in common pool), (Specific allocation out of unallocated power pool : 100 MW is allocated to Railways (8.43% i.e. 70 MW out of unallocated power of Dadri GPS and 4.53% i.e. 30 MW out of unallocated power of Auraiya GPS), 2 MW for auxiliary power consumption of HVDC stations of PGCIL (0.08% i.e. 0.8 MW out of unallocated of RSTPS and 0.10% i.e. 0.83 MW from NCGPS), 0 MW allocated to Uttarakhand for Kumbh, 300 MW to UP and 0 MW to J&K during winter months i.e. total specific = 443 MW) and balance 1380 MW is allocated to other beneficieries on percentage basis. The allocations % shown are the ones during peak hours(18-23 hrs). During other hours (23 to 06, 06 to 10 and 10 to18 hrs) % are different.

*** Allocation not firm. It is allocated by MOP from time to time as per system conditions and demand from the constituents. The unallocated power shown is during peak hrs. i.e. during 18-23 hrs., during other hrs. the allocations are different.

The shares as given in % may be taken, the MW values are indicative.

Allocation of power from Central Generating Stations as on 31/03/11 of the Northern, Western, Southern, Eastern and North Eastern Regions

Western Region

Stations	Installed Capacity (#)	Chhattisgarh		Gujarat		Madhya Pradesh		Maharashtra		Daman & Diu		Dadra & Nagar Haveli		Goa		PowerGrid		HWP of DAE	
	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW
CGS(WR)+Kahalgaon-II(WR share)	10412																		
Central Sector Stations	10014																		
Korba STPS	2100	10.00	210	17.14	360	19.05	400	29.05	610	0.00	0	0.00	0	10.00	210				
Korba STPS Unit 7 (***)	500	30.00	150	19.20	96	12.50	63	21.64	108	0.32	2	0.44	2	0.90	5				
Vindhyachal STPS - I	1260	0.00	0	18.25	230	30.52	385	32.54	410	0.40	5	0.40	5	2.78	35				
Vindhyachal STPS - II	1000	0.00	0	23.90	239	27.30	273	31.90	319	0.30	3	0.40	4	1.20	12				
Vindhyachal STPS - III	1000	10.50	105	26.60	266	20.00	200	25.80	258	0.50	5	0.60	6	1.00	10				
Sipat STPS Stage-II	1000	15.80	158	27.30	273	14.30	143	25.80	258	0.40	4	0.40	4	1.00	10				
Kawas GBS (-)	656.2	0.00	0	28.54	187	21.21	139	31.07	204	0.34	2	3.83	25	0.00	0				
Kakrapar APS (-)	440	0.00	0	28.41	125	21.11	93	31.14	137	0.45	2	0.45	2	3.41	15				
Tarapur APS (*)	320	0.00	0	50.00	160	0.00	0	50.00	160	0.00	0	0.00	0	0.00	0				
Tarapur unit 3 & 4	1080	4.40	48	25.40	274	16.70	180	36.40	393	0.50	5.4	0.60	6.5	1.00	11.3				
Gandhar GBS (-)	657	0.00	0	36.05	237	17.95	118	30.43	200	0.30	2	0.30	2	0.00	0				
Firm Power	8563		671		2447		1994		3057		30		57		308				
Unallocated Power	1451																		
Specific Allocations :																			
From Korba STPS	50										40		10						
From Kawas GPS	97.34										28.99		55.99		12.36				
From Gandhar GPS	98.41										29.31		56.46		12.64				
From Kakrapar APS	18																		18
From Vindhyachal STPS to (@)																			
HVDC-BHD Station	2.520															0.20	2.520		
HVDC-VIN Station	0.756															0.06	0.756		
SEZ- MPAKVNL	8						8												
To MP(Bundelkhand)	200						200												
Balance Unallocated in pool (**)	975	0.00	0	0.00	0	17.22	168	44.07	429	2.54	25	35.80	349	0.37	4				
Allocation to SEZ-MPAKVNL from MP vide MOP lr. Dated 13.10.08	5						5												
Total allocation to SEZ-MPAKVNL	13						13												
Net allocation from the unallocated	1095		0		0		163		429		25		349		4				
Entitlement in WR	9514		521		2398		2194		3285		237		502		353		3.276		18
Unallocated Power from NTPC Stations of E R	0		0		0		0		0		0		0		0				
Power from DVC's share of ER	0								0					(###)	0				
Central Sector Stations located in other region																			
Kahalgaon STPS-II (1500 MW)	398	2.00	30	9.40	141	4.93	74	9.87	148	0.13	2	0.20	3	0.00	0				
Allocation from Ramagundam STPS (2100 MW) of SR (##)	100									0.00	0	0.00	0	4.76	100				
Total Power including ER and SR	10514		701		2588		2444		3634		155		531		437		3.276		18

(-) Goa's entire share (22.6 MW) in Kawas allocated to DNH wef 6-10-2001 vide CEA letter no. 5/WR/CSA/GM-2001/ dated 5-10-2001. Goa's surrendered share of 15 MW in Kakrapar and 12 MW in Gandhar diverted to Maharashtra vide MOP order no. 3/6/2000-OM dated 1.6.2002. Goa's surrendered share of 15 MW from Kakrapar repatriated to Goa from Maharashtra vide MOP letter No. 3/2/2007-OM dated 30/3/2007.

(@) Allocation of 2.52 MW for HVDC - BHD station and 0.756 MW for HVDC - VIN from unallocated quota of Vindhyachal STPS - I (0.20%) and (0.06%) is (wef 01-10-04) as per CE(GM)'s letter no. 5 /AI /CSA / GM-2004 / dated 13.9.04 on allocation of Auxiliary Power Consumption of HVDC stations of PGCIL.

(*) No unallocated power.

(**) The % allocations shown are during peak hours(18-22 hrs). During other hours (00 to 18 and 22 to 24 hrs) % are different.

(***) The 15% allocation (75 MW) is for power to be sold outside long term PPA. The PPA has been signed for sale of this power to Chhattisgargh during all 24 hours for two years from COD.

(#) This is total share of the Region in Central Generating Stations

(##) Restoration of 100 MW share of Goa in Ramagundam STPS in SR vide MoP letter no. 3/4/2006-OM dated 10-02-06.

(###) During 18 to 22 hrs. only, during other hrs. this power is allocated to Maharashtra.

The shares as given in % may be taken, the MW values are indicative.

Allocation of power from Central Generating Stations as on 31/03/11 of the Northern, Western, Southern, Eastern and North Eastern Regions

Southern Region

Stations	Installed Capacity (#)	Andhra Pradesh		Karnataka		Tamil Nadu		Kerala		Puducherry		NLC		PowerGrid	
	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW
Central Sector Stations	**7590**														
Ramagundam (##) (T)	**2100**	27.6	**580**	16.4	**345**	22.4	**470**	11.7	**245**	2.4	**50**	0.0	**0**		
Ramagundam STG-III	**500**	29.2	**146**	17.4	**87**	23.6	**118**	12.2	**61**	2.6	**13**	0.0	**0**		
Madras APS (N)	**440**	8.5	**38**	6.5	**28**	74.4	**328**	5.3	**23**	1.2	**5**	0.0	**0**		
KAIGA APS Unit 1 & 2 (N)	**440**	26.1	**115**	24.5	**108**	23.9	**105**	8.6	**38**	1.8	**8**	0.0	**0**		
KAIGA APS Unit 3 (N)	**220**	28.2	**62**	26.8	**59**	20.9	**46**	7.7	**17**	1.4	**3**	0.0	**0**		
Neyveli - II St.- I (T)	**630**	15.4	**97**	13.3	**84**	27.9	**176**	10.0	**63**	10.3	**65**	7.9	**50**		
Neyveli - II St.- II (T)	**840**	21.4	**180**	13.7	**115**	31.6	**265**	10.7	**90**	1.8	**15**	6.0	**50**		
Neyveli - I exp. (T)	**420**	0.0	**0**	22.0	**92**	46.0	**193**	14.0	**59**	3.0	**13**	0.0	**0**		
Talcher St. II (T) ($)	**2000**	18.8	**375**	17.5	**350**	23.9	**477**	12.4	**247**	2.6	**51**	0.0	**0**		
Firm Share	**6205**		**1593**		**1268**		**2178**		**843**		**223**		**100**		
Unallocated Power *	**1085**	16.1	**175**	21.4	**232**	21.8	**236**	25.2	**273**	15.00	**163**	0.0	**0**	0.6	**6.25**
Dedicated Stations															
Simhadri	**1000**	100.0	**1000**												
Kayamkulam CCGT (@)	**360**					50	**180**	50	**180**						
Neyveli - I	**600**					100	**600**								
Total	**1960**		**1000**				**780**		**180**						
Entitlement in SR	**9250**		**2768**		**1500**		**3194**		**1296**		**386**		**100**		**6.25**
Unallocated Power from NTPC Stations of Eastern Region	**135**		**0**		**0**		**135**		**0**		**0**				
Power from DVC's share of ER	**0**		**0**								**0**				
Total Power including ER Power	**9385**		**2768**		**1500**		**3329**		**1296**		**386**		**100**		**6.25**

@ As per MOP order No. 3/13/2000-OM dated 17th April, 2003, a special allocation of 180 MW has been made to Tamil Nadu for pooling equivalent quantum of power from Kayamkulam CCGT of NTPC .

(#) This is total share in Central Generating Stations

(##) Restoration of 100 MW share of Goa in Ramagundam STPS in SR vide MoP letter no. 3/4/2006-OM dated 10-02-06. These have been shown in WR allocation sheet.

(*) The MW figures of unallocated power shown are during 1800 to 2200 (peak) hrs. However, the maximum power allocated from unallocated power to AP is 407 MW (0200 to 0600 hrs). The %age figures shown here are indicative only.

($) 200 MW firm power allocated to Orissa vide MoP letter no. 5/21/2006-Th.2 dated 19.4.2007. This has been shown in ER allocation sheet.

The shares as given in % may be taken, the MW values are indicative.

Allocation of power from Central Generating Stations as on 31/03/11 of the Northern, Western, Southern, Eastern and North Eastern Regions

Eastern Region

Table - 1 : Allocation of power from CGSs & total share from Bhutan HEP

Stations	Installed Capacity (#)	Bihar		Jharkhand		D.V.C.		Orissa		West Bengal		Sikkim		ER Total		Assam		Northern Region		Western Region		Total	
	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW
Central Sector Stations	4664																						
Farakka	1600	22.06	353	6.38	102	0.00	0	13.63	218	30.54	489	1.63	26	74.24	1188	3.67	59					77.91	1247
Kahalgaon	840	33.98	285	1.20	10	0.00	0	15.24	128	0.00	0	1.55	13	51.97	437	2.01	17					53.98	454
Kahagaon - II (3 units)	1500							2.05	31			0.33	5	2.38	36			33.2	498	26.5	398	62.11	932
Talcher	1000	33.25	333	5.70	57	0.31	3	31.80	318	9.10	91	2.40	24	82.56	826	2.44	24					85.00	850
Total NTPC	3944		971		169		3		695		580		68		2486		100		498		398		3482
Rangit HPS (NHPC)	60	35.00	21	13.33	8	10.00	6	0.00	0	28.34	17	13.33	8	100.00	60							100.00	60
Teesta-V HPS (3 units) (NHPC)	510	21.26	109	12.34	63	8.64	44	20.59	105	23.98	122	13.19	67	100.00	510							100.00	510
Chukha HPS * (Bhutan)	270	29.63	80	10.74	29	10.37	28	15.19	41	31.85	86	2.22	6	100.00	270							100.00	270
Kurichu HPS (Bhutan)	60	0.00	0	0.00	0	50.00	30	0.00	0	50.00	30	0.00	0	100.00	60							100.00	60
Tala HPS (Bhutan) $	1020	25.50	260	11.46	117	5.54	57	4.25	43	38.25	390			85.00	867							85.00	867
Allocation to ER constituents	4994		1441		386		168		884		1225		149	**	4253								
Allocation of DVC's surrendered share			0														100						100
UA power of NTPC			221		165				0						386								
Dedicated Station Talcher TPS	460							100.00	460						460								
Allocation from TalcherSt. II (T)									200						200								
Entitlement of ER constituents			1662		551		168		1544		1225		149		5299								

* Out of total capacity of 336 MW only 270 MW allocated to ER
$ Out of six units of Tala HEP 85% allocated to ER in lieu of CGSs (Thermal) and to NR & 15% unallocated
(#) This is total share in Central Generating Stations
Firm share in lieu Tala HEP allocated to NR as per Table-3

Table - 2 : Allocation to beneficiaries from Unallocated quota of NTPC Stations

Stations	Installed Capacity	Southern Region		North Eastern Region		Western Region		Northern Region		Bihar		Jharkhand		Orissa		PGCIL		Total
	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	MW
Farakka	1600	3.94	63	3.47	56	0.00	0	0.00	0	3.51	56	4.08	65	0.00	0			240
Kahalgaon	840	3.89	33	3.41	28	0.00	0	0.00	0	3.51	30	4.04	34	0.00	0	0.15	1	126
Kahalgaon-II (3 units)	1500	0.00	0	6.66	100	0.00	0	0.00	0	6.67	100	1.67	25	0.00	0			225
Talcher	1000	3.94	39	3.47	35	0.00	0	0.00	0	3.51	35	4.08	41	0.00	0			150
Total			135		219		0		0		221		165		0		1	741

Table - 3 : Allocation from NTPC Stations in ER to NR in lieu of Tala after commissioning of 6 units of Tala (1020 MW) and unallocated power from Tala HEP

Region	Farakka 1600 MW		Kahalgaon 840 MW		Kahalgaon_II (1500 MW)		Mezia #6 150 MW		Tala Unallocated 1020 MW	
	%	MW	%	MW	%	MW	%	MW	%	MW
NORTHERN	7.09	113	31.02	261	22.89	343		150	15.00	153

To ER Constituents					
Firm Power	Dedicated Station+ Talcher-II	UA of NTPC stns.	UA power of hydro stations	UA power of Kahalgaon-II	Total
All figures in MW					
4118	660	261	135	125	5299

Unallocated power of Rangit HPS, Chukha HPS, Kiruchu HPS and Teesta-V HPS allocated to ER constituents.
The shares as given in % may be taken, the MW values are indicative.

Allocation of power from Central Generating Stations as on 31/03/11 of the Northern, Western, Southern, Eastern and North-Eastern Regions

North-Eastern Region

STATION	INSTALLED CAPACITY (#)	ARUNACHAL PRADESH		ASSAM		MANIPUR		MEGHALAYA		MIZORAM		NAGALAND		TRIPURA	
	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW
NHPC Station	105														
Loktak HPS	105	4.8	5	23.1	24	29.0	30	7.7	8	3.85	4	5.81	6	11.52	12
NEEPCO Stations	1130														
Khandong HPS	50	4.0	2	49.67	25.0	5.33	3.0	12.00	6	2.67	1.0	6.00	3	5.33	3.0
Kopili + Kopili Extn .HPS *	200	5.0	10	46.83	94.0	6.17	12.0	12.50	25.0	3.33	7.0	5.50	11.0	5.67	11.0
Kopili HEP Stg. - II	25	6.0	2	40.0	10	6.0	2	14.00	4	5.00	1	5.00	1	9.00	2
Kathalguri GPS	291	5.5	16	49.85	145	6.9	20	6.90	20	4.15	12	5.15	15	6.55	19
Agartala GPS	84	6.0	5	39.0	33	7.0	6	7.00	6	5.00	4	5.00	4	17.00	14
Doyang HPS**	75	6.7	5	37.3	28	6.7	5	6.70	5	4.00	3	17.30	13	6.70	5
Ranganadi HPS***	405	18.27	74	36.79	149	7.16	29	6.66	27	4.45	18	4.69	19	7.16	29
Firm Power	1052		119		508		107		101		50		72		95
Unallocated Power	183	2.7	5	37.3	68	9.0	16	33.7	62	8.5	16	3.5	6	5.3	10
Entitlement in NER	1235		124		576		123		163		66		78		105
Unallocated power of Kahalgaon - II (1500 MW)	100			5.1	76			1.6	24						
Unallocated Power from NTPC Stations of Eastern Region	119		15		59				25		10		10		
Power from NTPC Stations of Eastern Region out of DVC quota	100				100										0
Total Power incld. ER	1554		139		811		123		212		76		88		105

* 12% free power is being shared equally between Assam and Meghalaya

** MOP order No. 1/20/93 - D(T&H)/Hydel II dated 31.1.2000

*** MOP order No. 1/2/95 - D(T&H)/Hydel II dated 28.9.2001

(#) This is total share in Central Generating Stations

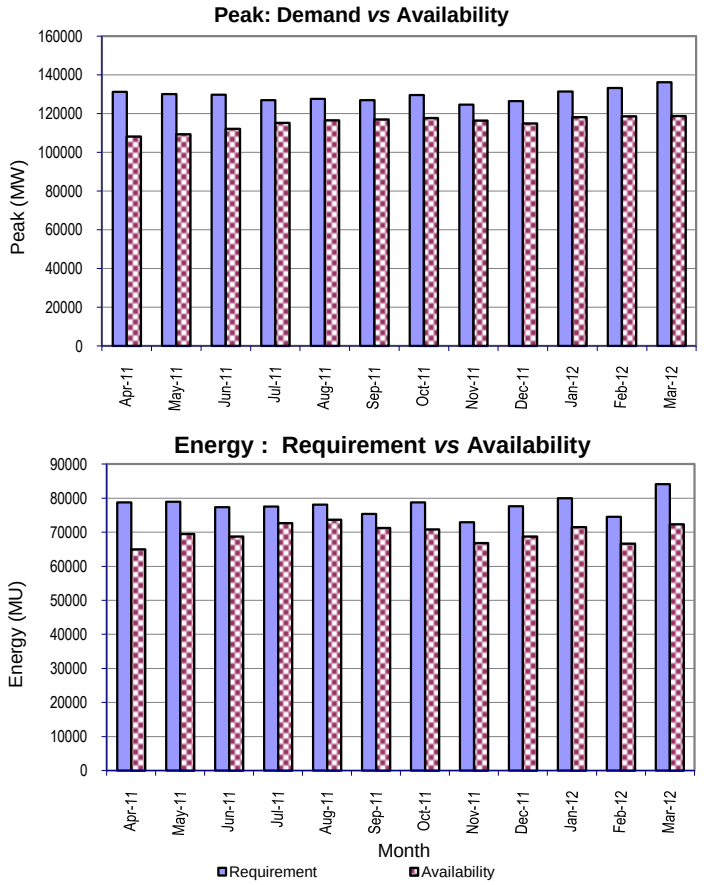
The shares as given in % may be taken, the MW values are indicative.

Annex-XI

Anticipated month wise power supply position of India during the year 2011-12

All India

Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	131147	108103	-23044	-17.6	78774	64988	-13787	-17.5
May-11	130042	109239	-20803	-16.0	78916	69498	-9419	-11.9
Jun-11	129636	111981	-17655	-13.6	77344	68671	-8673	-11.2
Jul-11	126850	115117	-11733	-9.2	77531	72649	-4882	-6.3
Aug-11	127616	116467	-11150	-8.7	78052	73652	-4400	-5.6
Sep-11	126897	116951	-9946	-7.8	75360	71246	-4114	-5.5
Oct-11	129588	117631	-11957	-9.2	78757	70776	-7980	-10.1
Nov-11	124630	116267	-8363	-6.7	72904	66788	-6116	-8.4
Dec-11	126436	114784	-11652	-9.2	77586	68695	-8891	-11.5
Jan-12	131406	118009	-13397	-10.2	79915	71478	-8436	-10.6
Feb-12	133141	118459	-14682	-11.0	74488	66618	-7869	-10.6
Mar-12	136193	118676	-17517	-12.9	84114	72315	-11799	-14.0
Annual	**136193**	**118676**	**-17517**	**-12.9**	**933741**	**837374**	**-96367**	**-10.3**

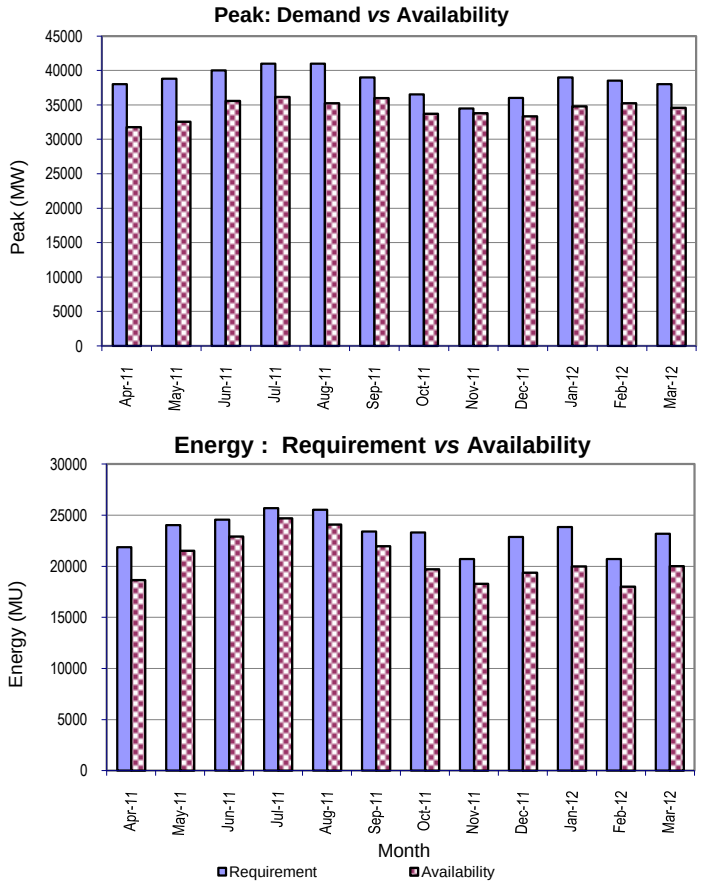


***Annex-XII** (a)*

Anticipated month wise power supply position of Northern Region during the year 2011-12

Northern Region

Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	38000	31770	-6230	-16.4	21852	18647	-3205	-14.7
May-11	38800	32560	-6240	-16.1	24019	21515	-2504	-10.4
Jun-11	40000	35560	-4440	-11.1	24549	22916	-1633	-6.7
Jul-11	41000	36140	-4860	-11.9	25684	24680	-1004	-3.9
Aug-11	41000	35240	-5760	-14.0	25532	24073	-1459	-5.7
Sep-11	39000	36000	-3000	-7.7	23391	21968	-1423	-6.1
Oct-11	36500	33720	-2780	-7.6	23290	19694	-3596	-15.4
Nov-11	34500	33770	-730	-2.1	20694	18292	-2402	-11.6
Dec-11	36000	33350	-2650	-7.4	22856	19377	-3479	-15.2
Jan-12	39000	34780	-4220	-10.8	23827	19977	-3850	-16.2
Feb-12	38500	35220	-3280	-8.5	20709	18001	-2708	-13.1
Mar-12	38000	34590	-3410	-9.0	23179	20005	-3174	-13.7
Annual	**41000**	**36140**	**-4860**	**-11.9**	**279581**	**249145**	**-30436**	**-10.9**

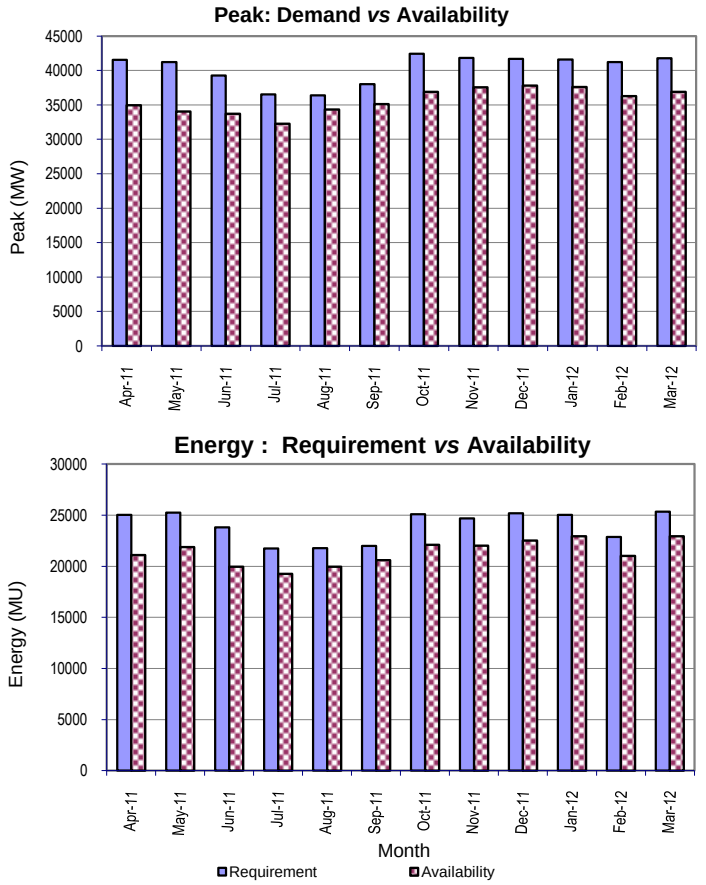


Annex-XII *(b)*

Anticipated month wise power supply position of Western Region during the year 2011-12

Western Region

Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	41546	34959	-6587	-15.9	25040	21104	-3936	-15.7
May-11	41195	34057	-7138	-17.3	25242	21875	-3366	-13.3
Jun-11	39249	33700	-5550	-14.1	23813	19946	-3867	-16.2
Jul-11	36545	32248	-4296	-11.8	21747	19251	-2497	-11.5
Aug-11	36385	34311	-2074	-5.7	21756	19942	-1814	-8.3
Sep-11	37999	35105	-2894	-7.6	21998	20585	-1413	-6.4
Oct-11	42422	36903	-5519	-13.0	25073	22102	-2971	-11.9
Nov-11	41834	37559	-4276	-10.2	24675	22020	-2655	-10.8
Dec-11	41670	37781	-3889	-9.3	25180	22521	-2659	-10.6
Jan-12	41586	37590	-3997	-9.6	25023	22942	-2081	-8.3
Feb-12	41206	36282	-4924	-11.9	22868	21015	-1853	-8.1
Mar-12	41755	36905	-4850	-11.6	25344	22935	-2409	-9.5
Annual	**42422**	**37781**	**-4641**	**-10.9**	**287757**	**256237**	**-31520**	**-11.0**

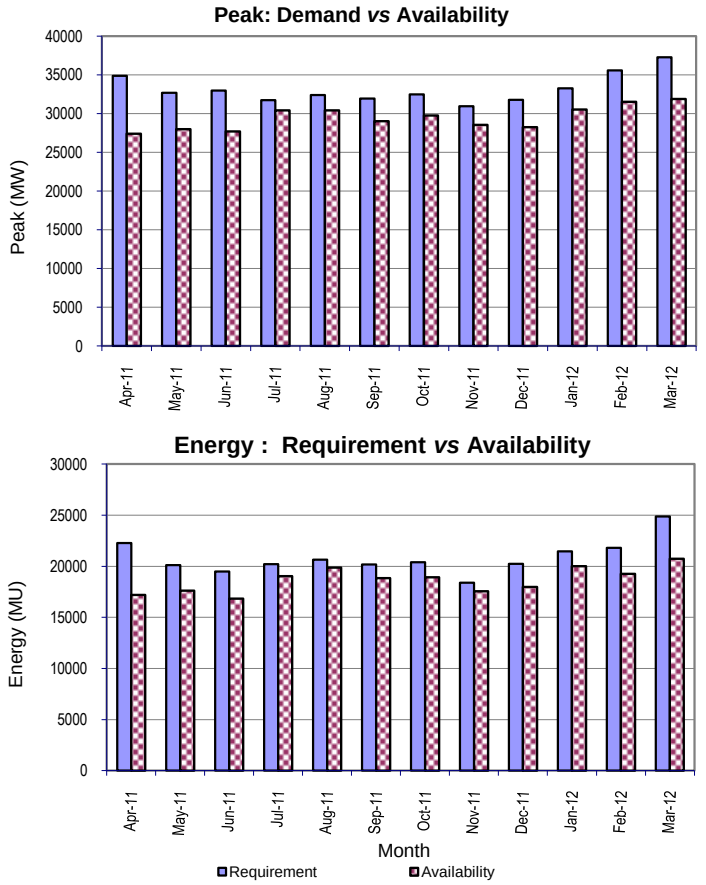


Annex-XII *(c)*

Anticipated month wise power supply position of Southern Region during the year 2011-12

Southern Region

Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	34867	27370	-7497	-21.5	22264	17204	-5060	-22.7
May-11	32668	27976	-4692	-14.4	20104	17600	-2504	-12.5
Jun-11	32952	27675	-5277	-16.0	19474	16835	-2639	-13.6
Jul-11	31736	30417	-1319	-4.2	20216	19021	-1195	-5.9
Aug-11	32401	30411	-1990	-6.1	20644	19864	-780	-3.8
Sep-11	31915	28995	-2920	-9.1	20166	18848	-1318	-6.5
Oct-11	32481	29755	-2726	-8.4	20398	18920	-1478	-7.2
Nov-11	30946	28527	-2419	-7.8	18388	17564	-824	-4.5
Dec-11	31754	28217	-3537	-11.1	20229	17975	-2254	-11.1
Jan-12	33255	30512	-2743	-8.2	21470	19999	-1471	-6.8
Feb-12	35549	31496	-4053	-11.4	21815	19266	-2549	-11.7
Mar-12	37247	31859	-5388	-14.5	24856	20719	-4137	-16.6
Annual	**37247**	**31859**	**-5388**	**-14.5**	**250024**	**223814**	**-26210**	**-10.5**

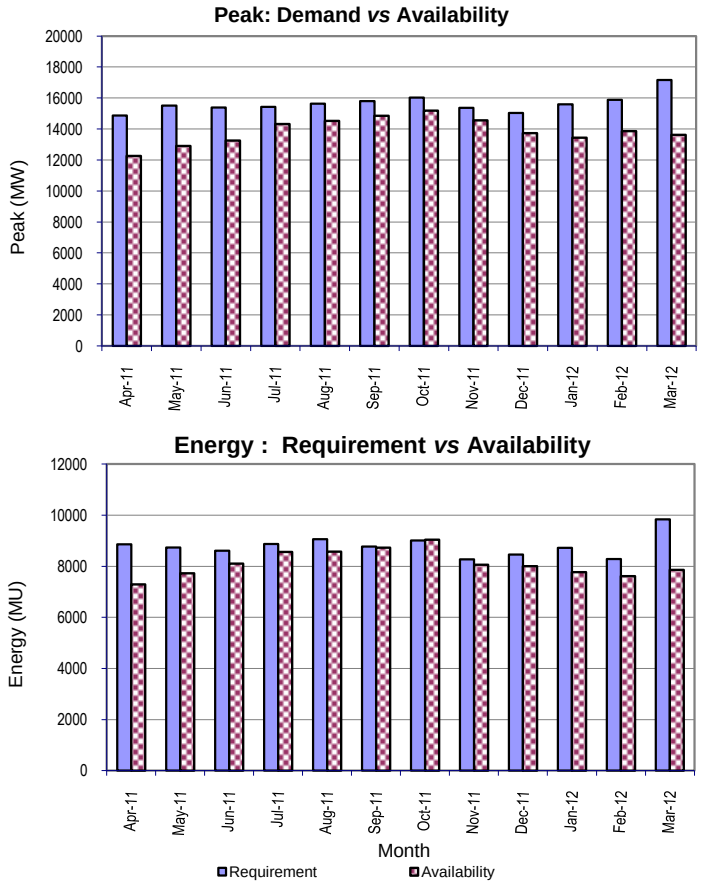


Annex-XII *(d)*

Anticipated month wise power supply position of Eastern Region during the year 2011-12

Eastern Region

Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	14865	12265	-2600	-17.5	8853	7284	-1569	-17.7
May-11	15509	12913	-2597	-16.7	8736	7722	-1014	-11.6
Jun-11	15381	13250	-2131	-13.9	8603	8100	-502	-5.8
Jul-11	15425	14317	-1108	-7.2	8869	8555	-315	-3.5
Aug-11	15632	14516	-1116	-7.1	9056	8570	-485	-5.4
Sep-11	15792	14849	-943	-6.0	8775	8725	-50	-0.6
Oct-11	16022	15185	-838	-5.2	9004	9037	33	0.4
Nov-11	15358	14558	-801	-5.2	8273	8057	-217	-2.6
Dec-11	15040	13726	-1314	-8.7	8457	8003	-454	-5.4
Jan-12	15599	13439	-2160	-13.8	8723	7767	-955	-11.0
Feb-12	15878	13861	-2016	-12.7	8279	7613	-666	-8.0
Mar-12	17171	13628	-3543	-20.6	9833	7860	-1973	-20.1
Annual	**17171**	**15185**	**-1986**	**-11.6**	**105461**	**97294**	**-8167**	**-7.7**

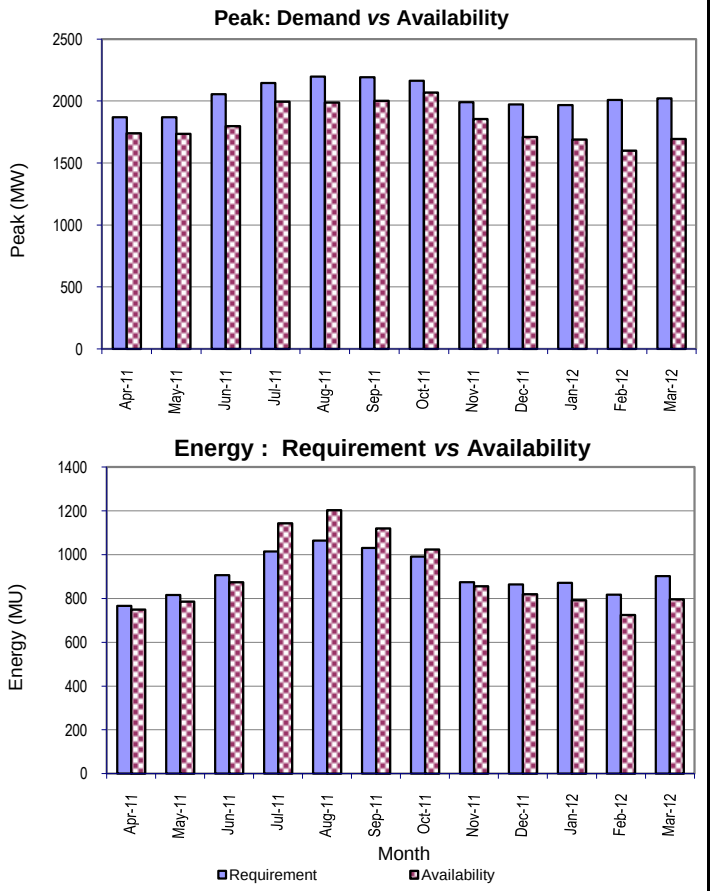


***Annex-XII** (e)*

Anticipated month wise power supply position of North Eastern Region during the year 2011-12

North-Eastern Region

Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	1869	1739	-130	-7.0	766	749	-17	-2.2
May-11	1870	1734	-136	-7.3	816	786	-30	-3.7
Jun-11	2054	1797	-257	-12.5	906	874	-32	-3.6
Jul-11	2144	1995	-149	-6.9	1015	1143	128	12.6
Aug-11	2198	1988	-210	-9.6	1065	1202	138	13.0
Sep-11	2192	2002	-190	-8.7	1031	1120	89	8.6
Oct-11	2163	2068	-95	-4.4	991	1023	32	3.2
Nov-11	1991	1854	-137	-6.9	874	856	-17	-2.0
Dec-11	1971	1710	-261	-13.2	864	820	-44	-5.1
Jan-12	1966	1689	-277	-14.1	872	792	-79	-9.1
Feb-12	2008	1599	-409	-20.4	818	724	-94	-11.5
Mar-12	2020	1694	-326	-16.1	902	796	-107	-11.8
Annual	**2198**	**2068**	**-130**	**-5.9**	**10918**	**10884**	**-34**	**-0.3**



Annex - XIII

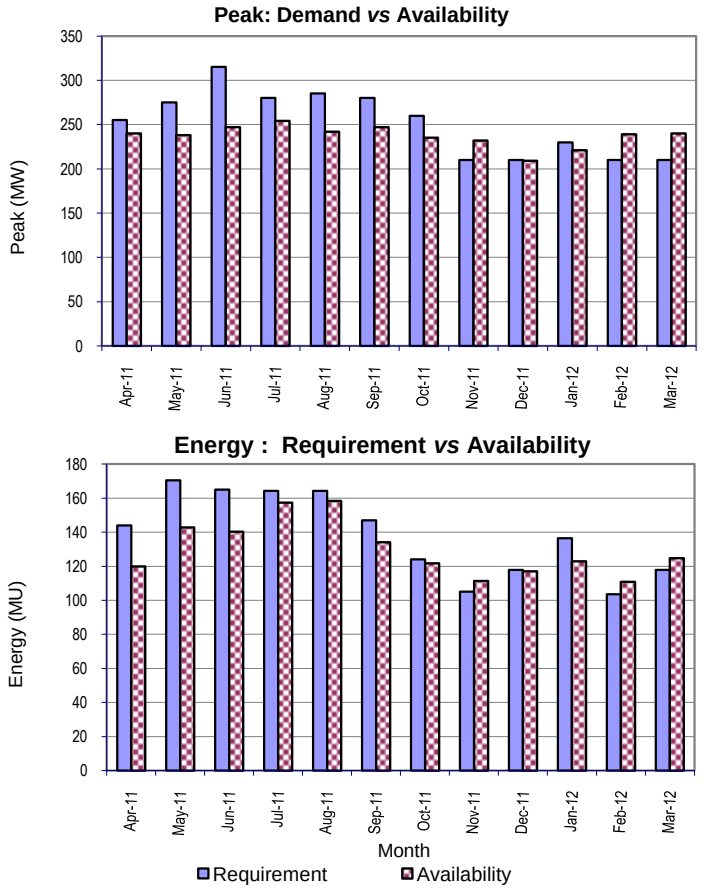
Anticipated annual power supply position in each State/ UT for 2011-12

State / Region	Energy				Peak			
	Requirement	Availability	Surplus(+)/Deficit (-)		Demand	Availability	Surplus(+)/Deficit (-)	
	(MU)	(MU)	(MU)	(%)	(MW)	(MW)	(MW)	(%)
Chandigarh	1660	1561	-99	-5.9	315	254	-61	-19.4
Delhi	27870	34581	6711	24.1	5000	5610	610	12.2
Haryana	35929	33777	-2152	-6.0	6500	6050	-450	-6.9
Himachal Pradesh	8626	9236	610	7.1	1400	2040	640	45.7
Jammu & Kashmir	14234	10631	-3603	-25.3	2500	1790	-710	-28.4
Punjab	49277	42349	-6928	-14.1	9800	7790	-2010	-20.5
Rajasthan	49095	45672	-3423	-7.0	7900	7220	-680	-8.6
Uttar Pradesh	82411	62975	-19436	-23.6	11800	8680	-3120	-26.4
Uttarakhand	10480	8363	-2116	-20.2	1600	1430	-170	-10.6
Northern Region	**279581**	**249145**	**-30436**	**-10.9**	**41000**	**36140**	**-4860**	**-11.9**
Chhattisgarh	24471	28697	4226	17.3	3025	2964	-61	-2.0
Gujarat	76072	74838	-1234	-1.6	11832	9569	-2263	-19.1
Madhya Pradesh	52050	41972	-10078	-19.4	9079	7371	-1708	-18.8
Maharashtra	124632	101123	-23509	-18.9	20200	14678	-5522	-27.3
Daman & Diu	2517	1903	-614	-24.4	370	224	-146	-39.5
D.N. Haveli	4695	4696	1	0.0	580	582	2	0.3
Goa	3320	3008	-312	-9.4	500	300	-200	-39.9
Western Region	**287757**	**256237**	**-31520**	**-11.0**	**42422**	**37781**	**-4641**	**-10.9**
Andhra Pradesh	88335	77608	-10727	-12.1	13916	11336	-2580	-18.5
Karnataka	52751	55256	2505	4.8	8680	8296	-384	-4.4
Kerala	19019	16689	-2330	-12.3	3400	3094	-306	-9.0
Tamil Nadu	87539	71767	-15772	-18.0	12755	10616	-2139	-16.8
Puducherry	2380	2494	114	4.8	358	349	-9	-2.5
Southern Region	**250024**	**223814**	**-26210**	**-10.5**	**37247**	**31859**	**-5388**	**-14.5**
Bihar	13706	11210	-2496	-18.2	2300	1605	-695	-30.2
DVC	18054	16668	-1386	-7.7	2650	2839	189	7.1
Jharkhand	7346	6540	-806	-11.0	1200	1189	-11	-0.9
Orissa	25430	21511	-3919	-15.4	3700	3836	136	3.7
West Bengal	40429	40421	-8	0.0	7210	5760	-1451	-20.1
Sikkim	496	944	448	90.5	130	159	28	21.8
Eastern Region	**105461**	**97294**	**-8167**	**-7.7**	**17171**	**15185**	**-1986**	**-11.6**
Arunachal Pradesh	595	589	-6	-1.1	148	127	-21	-14.2
Assam	6071	6021	-50	-0.8	1195	1069	-126	-10.5
Manipur	593	588	-5	-0.9	154	124	-30	-19.5
Meghalaya	1698	1652	-45	-2.7	495	477	-18	-3.6
Mizoram	391	408	16	4.2	106	78	-28	-26.4
Nagaland	660	597	-63	-9.5	157	118	-39	-24.8
Tripura	911	1029	118	13.0	221	196	-25	-11.3
North-Eastern Region	**10918**	**10884**	**-34**	**-0.3**	**2198**	**2068**	**-130**	**-5.9**
All India	**933741**	**837374**	**-96367**	**-10.3**	**136193**	**118676**	**-17517**	**-12.9**

Anticipated month wise power supply position for 2011-12

Chandigarh

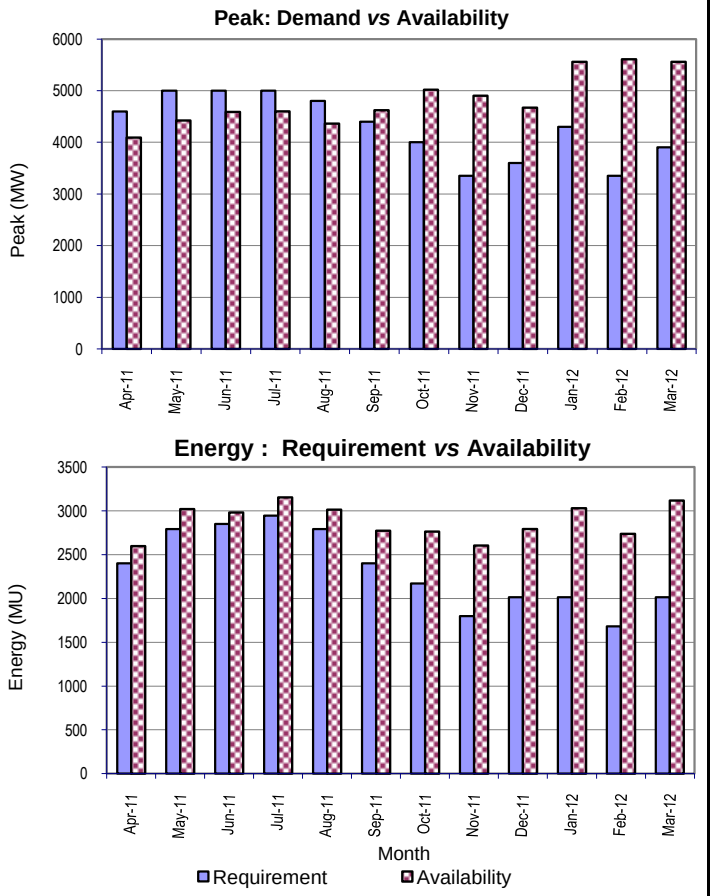
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	255	240	-15	-5.9	144	120	-24	-16.8
May-11	275	238	-37	-13.5	171	143	-28	-16.2
Jun-11	315	247	-68	-21.6	165	140	-25	-15.0
Jul-11	280	254	-26	-9.3	164	157	-7	-4.3
Aug-11	285	242	-43	-15.1	164	158	-6	-3.6
Sep-11	280	247	-33	-11.8	147	134	-13	-8.8
Oct-11	260	235	-25	-9.6	124	122	-2	-1.9
Nov-11	210	232	22	10.5	105	111	6	6.1
Dec-11	210	209	-1	-0.5	118	117	-1	-0.6
Jan-12	230	221	-9	-3.9	136	123	-14	-9.9
Feb-12	210	239	29	13.8	104	111	7	7.0
Mar-12	210	240	30	14.3	118	125	7	5.8
Annual	**315**	**254**	**-61**	**-19.4**	**1660**	**1561**	**-99**	**-5.9**



Anticipated month wise power supply position for 2011-12

Delhi

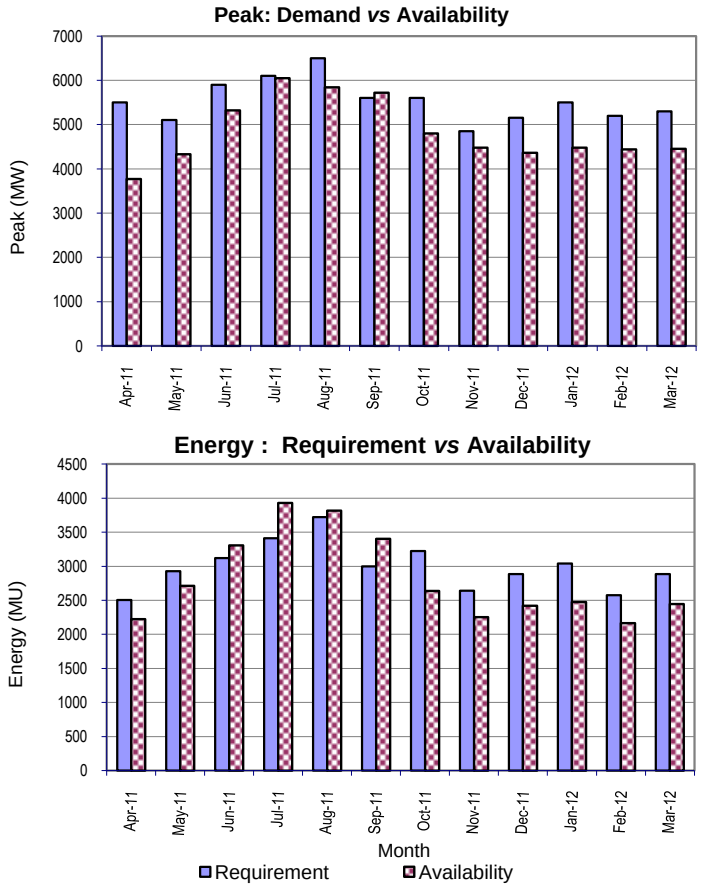
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	4600	4090	-510	-11.1	2400	2597	197	8.2
May-11	5000	4420	-580	-11.6	2790	3019	229	8.2
Jun-11	5000	4590	-410	-8.2	2850	2982	132	4.6
Jul-11	5000	4600	-400	-8.0	2945	3152	207	7.0
Aug-11	4800	4360	-440	-9.2	2790	3012	222	8.0
Sep-11	4400	4620	220	5.0	2400	2774	374	15.6
Oct-11	4000	5020	1020	25.5	2170	2763	593	27.3
Nov-11	3350	4900	1550	46.3	1800	2602	802	44.6
Dec-11	3600	4670	1070	29.7	2015	2793	778	38.6
Jan-12	4300	5560	1260	29.3	2015	3031	1016	50.4
Feb-12	3350	5610	2260	67.5	1680	2738	1058	63.0
Mar-12	3900	5560	1660	42.6	2015	3117	1102	54.7
Annual	**5000**	**5610**	**610**	**12.2**	**27870**	**34581**	**6711**	**24.1**



Anticipated month wise power supply position for 2011-12

Haryana

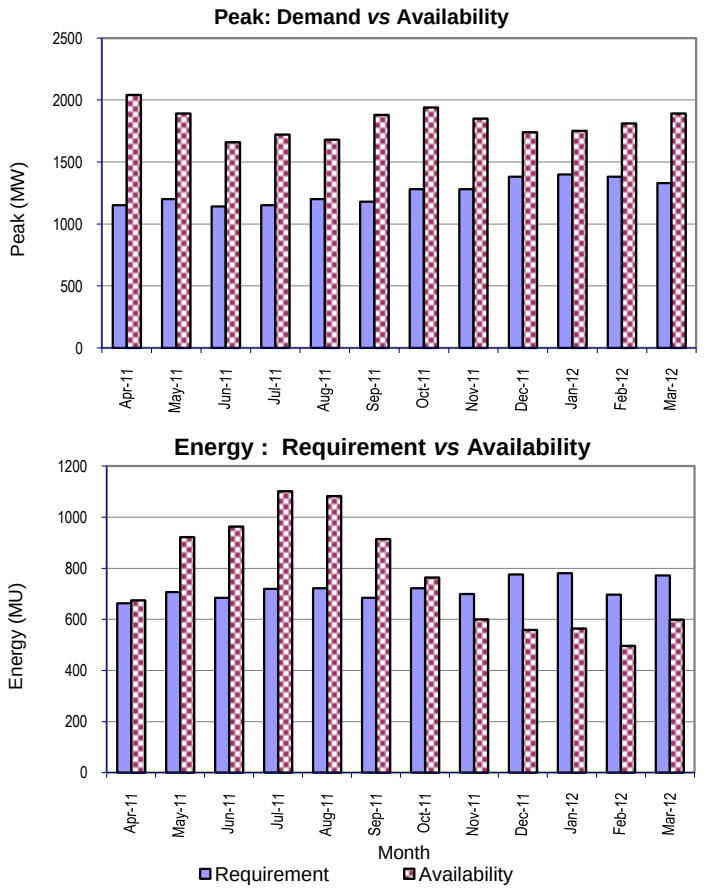
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	5500	3770	-1730	-31.5	2505	2222	-283	-11.3
May-11	5100	4330	-770	-15.1	2930	2711	-218	-7.5
Jun-11	5900	5320	-580	-9.8	3120	3305	185	5.9
Jul-11	6100	6050	-50	-0.8	3410	3931	521	15.3
Aug-11	6500	5840	-660	-10.2	3720	3817	97	2.6
Sep-11	5600	5720	120	2.1	3000	3401	401	13.4
Oct-11	5600	4800	-800	-14.3	3224	2637	-587	-18.2
Nov-11	4850	4480	-370	-7.6	2640	2252	-388	-14.7
Dec-11	5150	4360	-790	-15.3	2883	2419	-464	-16.1
Jan-12	5500	4480	-1020	-18.5	3038	2473	-565	-18.6
Feb-12	5200	4440	-760	-14.6	2576	2165	-411	-15.9
Mar-12	5300	4450	-850	-16.0	2883	2444	-439	-15.2
Annual	**6500**	**6050**	**-450**	**-6.9**	**35929**	**33777**	**-2152**	**-6.0**



Anticipated month wise power supply position for 2011-12

Himachal Pradesh

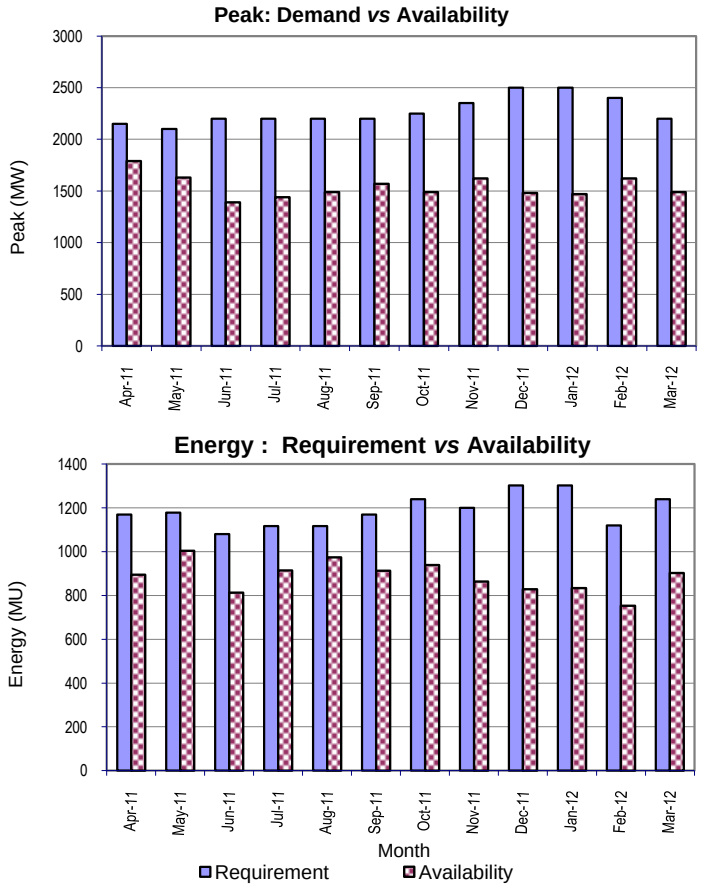
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	1150	2040	890	77.4	663	675	12	1.8
May-11	1200	1890	690	57.5	707	921	215	30.4
Jun-11	1140	1660	520	45.6	684	963	279	40.8
Jul-11	1150	1720	570	49.6	719	1101	382	53.1
Aug-11	1200	1680	480	40.0	722	1082	359	49.8
Sep-11	1180	1880	700	59.3	684	914	230	33.6
Oct-11	1280	1940	660	51.6	722	764	42	5.8
Nov-11	1280	1850	570	44.5	699	600	-99	-14.2
Dec-11	1380	1740	360	26.1	775	558	-217	-27.9
Jan-12	1400	1750	350	25.0	781	564	-217	-27.8
Feb-12	1380	1810	430	31.2	697	496	-202	-28.9
Mar-12	1330	1890	560	42.1	772	599	-173	-22.4
Annual	**1400**	**2040**	**640**	**45.7**	**8626**	**9236**	**610**	**7.1**



Anticipated month wise power supply position for 2011-12

Jammu & Kashmir

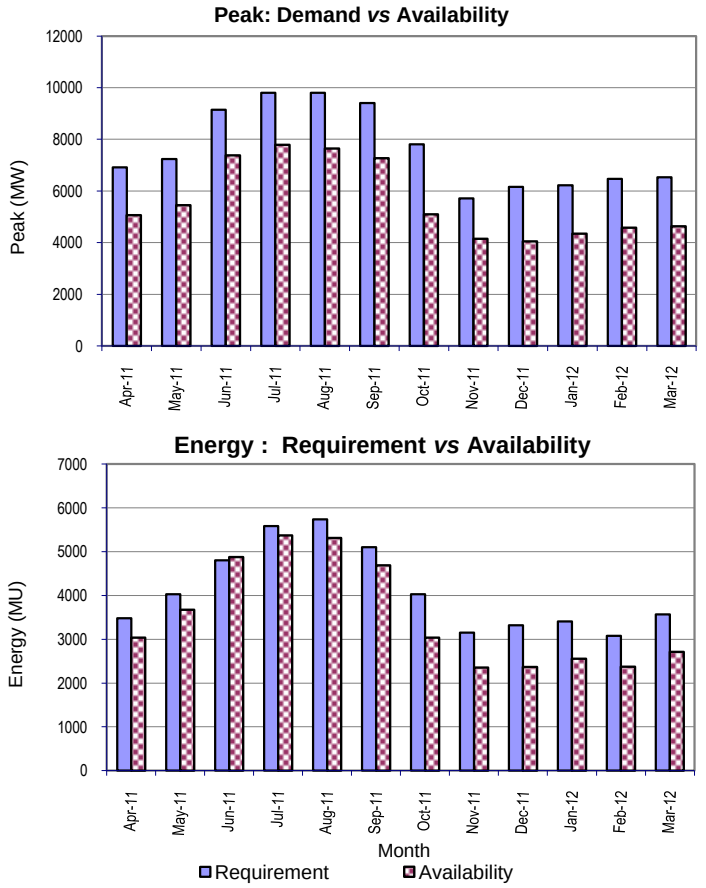
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	2150	1790	-360	-16.7	1170	895	-275	-23.5
May-11	2100	1630	-470	-22.4	1178	1004	-174	-14.7
Jun-11	2200	1390	-810	-36.8	1080	812	-268	-24.8
Jul-11	2200	1440	-760	-34.5	1116	915	-201	-18.1
Aug-11	2200	1490	-710	-32.3	1116	973	-143	-12.8
Sep-11	2200	1570	-630	-28.6	1170	912	-258	-22.0
Oct-11	2250	1490	-760	-33.8	1240	939	-301	-24.2
Nov-11	2350	1620	-730	-31.1	1200	863	-337	-28.1
Dec-11	2500	1480	-1020	-40.8	1302	829	-473	-36.3
Jan-12	2500	1470	-1030	-41.2	1302	833	-469	-36.0
Feb-12	2400	1620	-780	-32.5	1120	752	-368	-32.8
Mar-12	2200	1490	-710	-32.3	1240	902	-338	-27.2
Annual	**2500**	**1790**	**-710**	**-28.4**	**14234**	**10631**	**-3603**	**-25.3**



Anticipated month wise power supply position for 2011-12

Punjab

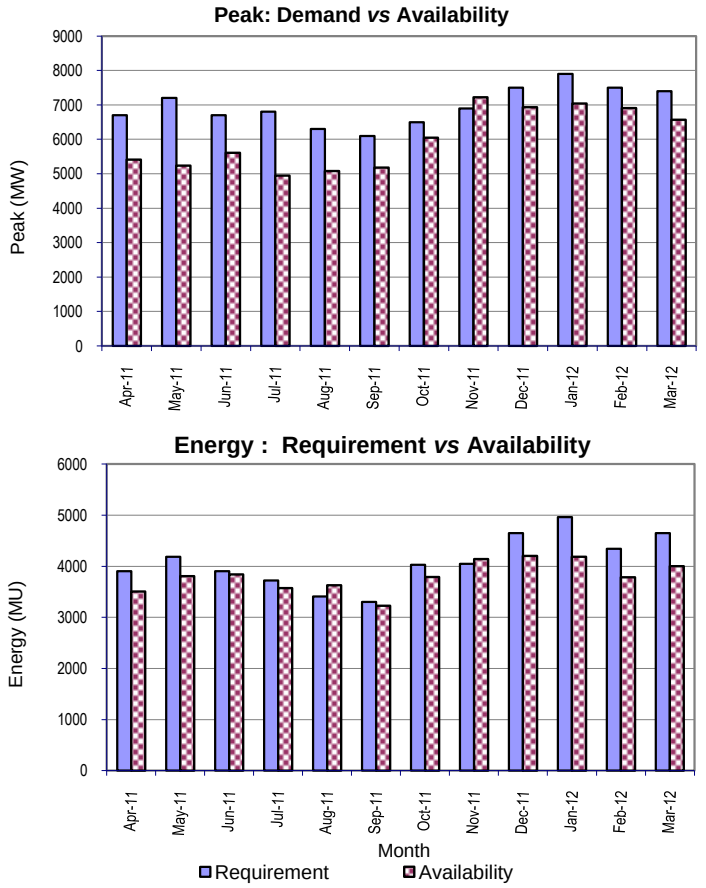
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	6910	5060	-1850	-26.8	3480	3034	-446	-12.8
May-11	7240	5450	-1790	-24.7	4030	3675	-355	-8.8
Jun-11	9150	7380	-1770	-19.3	4800	4875	75	1.6
Jul-11	9800	7790	-2010	-20.5	5580	5368	-212	-3.8
Aug-11	9800	7640	-2160	-22.0	5735	5312	-423	-7.4
Sep-11	9400	7270	-2130	-22.7	5100	4685	-415	-8.1
Oct-11	7800	5090	-2710	-34.7	4030	3036	-994	-24.7
Nov-11	5710	4150	-1560	-27.3	3150	2354	-796	-25.3
Dec-11	6160	4050	-2110	-34.3	3317	2368	-949	-28.6
Jan-12	6220	4350	-1870	-30.1	3410	2558	-852	-25.0
Feb-12	6470	4580	-1890	-29.2	3080	2373	-707	-23.0
Mar-12	6530	4630	-1900	-29.1	3565	2711	-854	-24.0
Annual	**9800**	**7790**	**-2010**	**-20.5**	**49277**	**42349**	**-6928**	**-14.1**



Anticipated month wise power supply position for 2011-12

Rajasthan

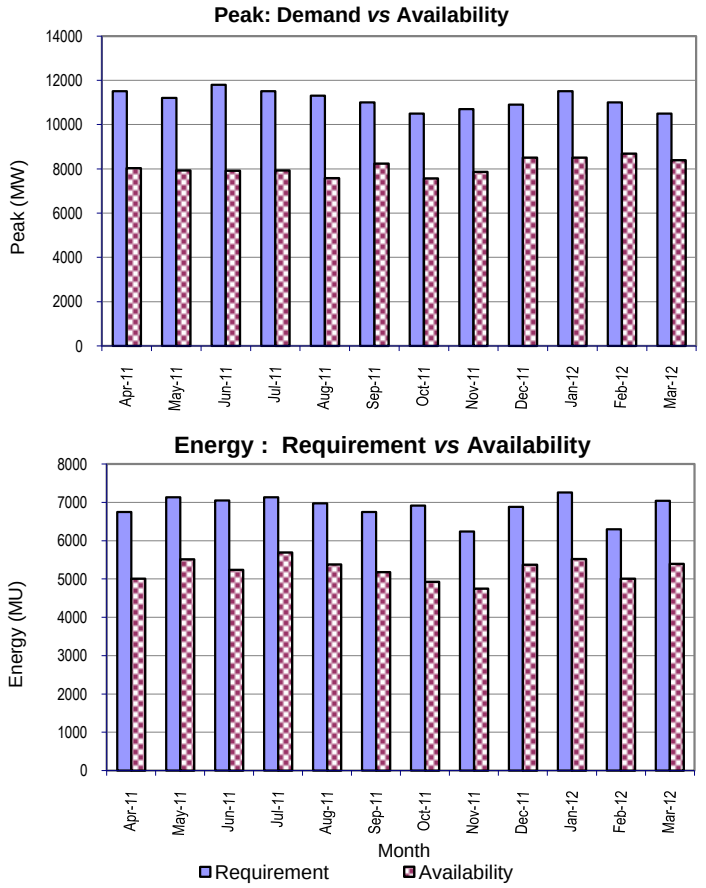
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	6700	5410	-1290	-19.3	3900	3506	-394	-10.1
May-11	7200	5240	-1960	-27.2	4185	3807	-378	-9.0
Jun-11	6700	5610	-1090	-16.3	3900	3839	-61	-1.6
Jul-11	6800	4950	-1850	-27.2	3720	3571	-149	-4.0
Aug-11	6300	5080	-1220	-19.4	3410	3626	216	6.3
Sep-11	6100	5180	-920	-15.1	3300	3227	-73	-2.2
Oct-11	6500	6050	-450	-6.9	4030	3790	-240	-6.0
Nov-11	6900	7220	320	4.6	4050	4138	88	2.2
Dec-11	7500	6930	-570	-7.6	4650	4201	-449	-9.7
Jan-12	7900	7040	-860	-10.9	4960	4184	-776	-15.7
Feb-12	7500	6910	-590	-7.9	4340	3783	-557	-12.8
Mar-12	7400	6570	-830	-11.2	4650	4001	-649	-14.0
Annual	**7900**	**7220**	**-680**	**-8.6**	**49095**	**45672**	**-3423**	**-7.0**



Anticipated month wise power supply position for 2011-12

Uttar Pradesh

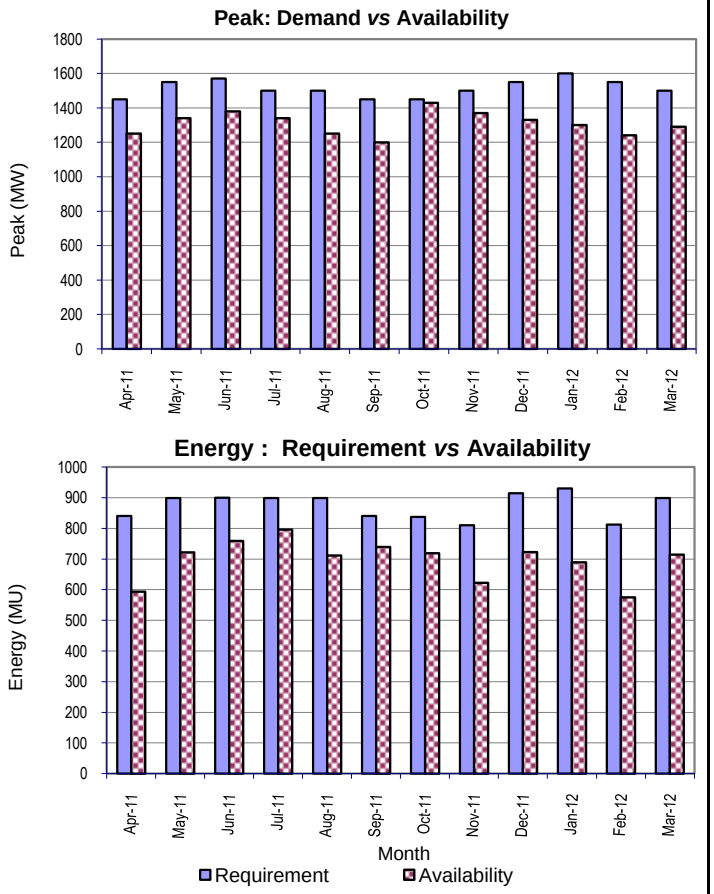
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	11500	8030	-3470	-30.2	6750	5006	-1744	-25.8
May-11	11200	7930	-3270	-29.2	7130	5512	-1618	-22.7
Jun-11	11800	7910	-3890	-33.0	7050	5239	-1811	-25.7
Jul-11	11500	7920	-3580	-31.1	7130	5689	-1441	-20.2
Aug-11	11300	7580	-3720	-32.9	6975	5381	-1594	-22.8
Sep-11	11000	8230	-2770	-25.2	6750	5181	-1569	-23.2
Oct-11	10500	7560	-2940	-28.0	6913	4925	-1988	-28.8
Nov-11	10700	7860	-2840	-26.5	6240	4749	-1491	-23.9
Dec-11	10900	8500	-2400	-22.0	6882	5370	-1512	-22.0
Jan-12	11500	8510	-2990	-26.0	7254	5523	-1731	-23.9
Feb-12	11000	8680	-2320	-21.1	6300	5007	-1293	-20.5
Mar-12	10500	8390	-2110	-20.1	7037	5392	-1645	-23.4
Annual	**11800**	**8680**	**-3120**	**-26.4**	**82411**	**62975**	**-19436**	**-23.6**



Anticipated month wise power supply position for 2011-12

Uttarakhand

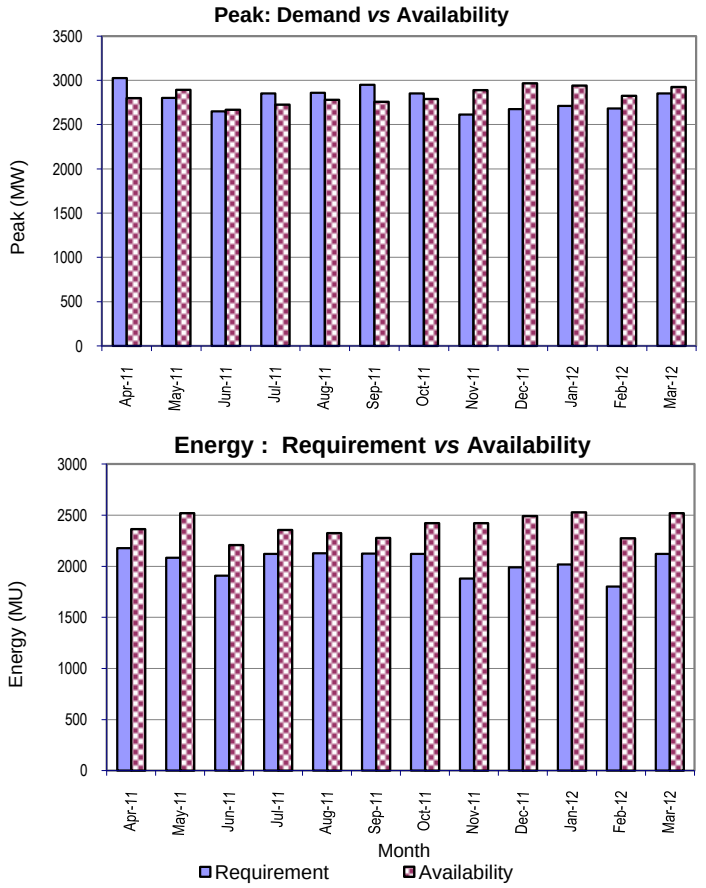
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	1450	1250	-200	-13.8	840	593	-247	-29.4
May-11	1550	1340	-210	-13.5	899	722	-177	-19.7
Jun-11	1570	1380	-190	-12.1	900	759	-141	-15.7
Jul-11	1500	1340	-160	-10.7	899	796	-103	-11.4
Aug-11	1500	1250	-250	-16.7	899	711	-188	-20.9
Sep-11	1450	1200	-250	-17.2	840	740	-100	-11.9
Oct-11	1450	1430	-20	-1.4	837	719	-118	-14.1
Nov-11	1500	1370	-130	-8.7	810	623	-187	-23.1
Dec-11	1550	1330	-220	-14.2	915	723	-192	-21.0
Jan-12	1600	1300	-300	-18.8	930	689	-241	-25.9
Feb-12	1550	1240	-310	-20.0	812	575	-237	-29.2
Mar-12	1500	1290	-210	-14.0	899	714	-185	-20.6
Annual	**1600**	**1430**	**-170**	**-10.6**	**10480**	**8363**	**-2116**	**-20.2**



Anticipated month wise power supply position for 2011-12

Chhattisgarh

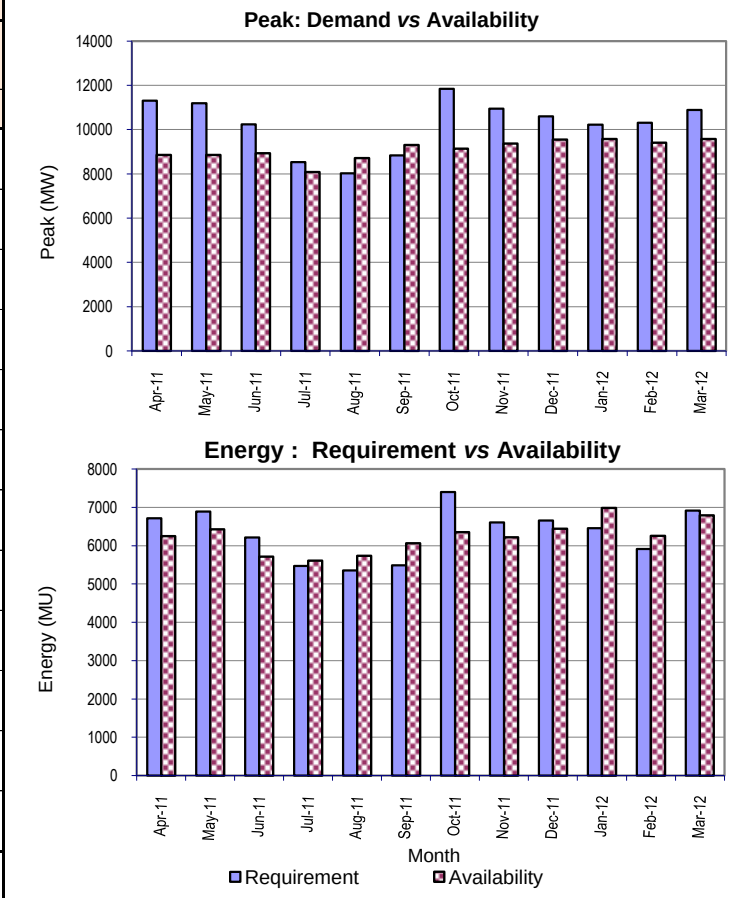
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	3025	2798	-227	-7.5	2178	2364	186	8.5
May-11	2800	2893	93	3.3	2083	2519	436	20.9
Jun-11	2650	2668	18	0.7	1908	2207	299	15.7
Jul-11	2852	2723	-129	-4.5	2122	2354	232	10.9
Aug-11	2860	2780	-80	-2.8	2128	2325	197	9.3
Sep-11	2950	2757	-193	-6.5	2124	2276	152	7.2
Oct-11	2850	2789	-61	-2.1	2120	2421	301	14.2
Nov-11	2613	2889	276	10.6	1881	2422	541	28.7
Dec-11	2675	2964	289	10.8	1990	2490	500	25.1
Jan-12	2710	2941	231	8.5	2016	2527	511	25.4
Feb-12	2680	2824	144	5.4	1801	2275	474	26.3
Mar-12	2850	2923	73	2.6	2120	2518	398	18.8
Annual	**3025**	**2964**	**-61**	**-2.0**	**24471**	**28697**	**4226**	**17.3**



Anticipated month wise power supply position for 2011-12

Gujarat

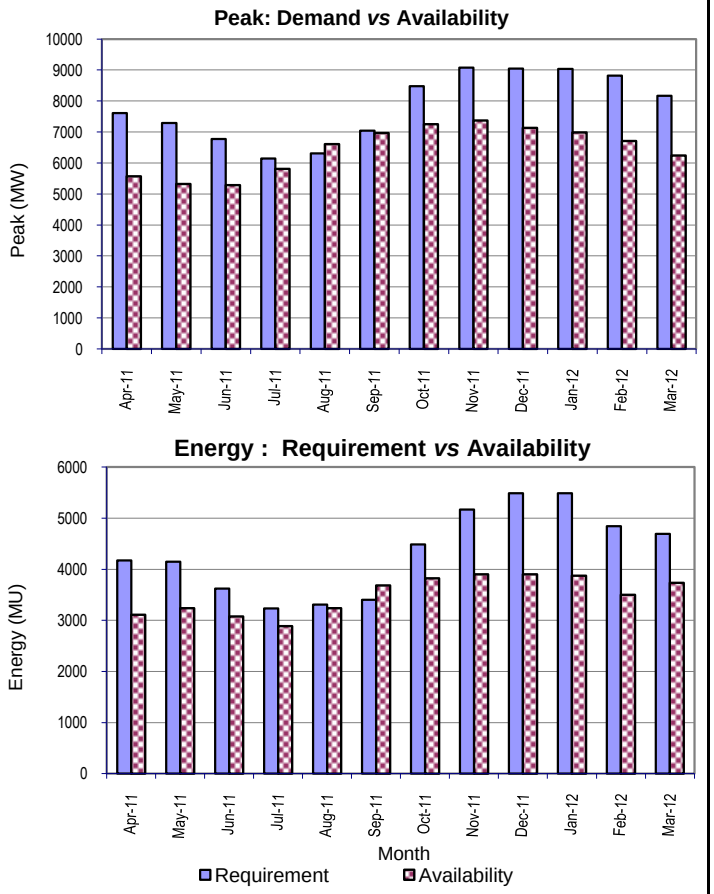
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	11308	8856	-2452	-21.7	6716	6248	-468	-7.0
May-11	11191	8851	-2340	-20.9	6893	6426	-467	-6.8
Jun-11	10232	8924	-1309	-12.8	6211	5717	-494	-8.0
Jul-11	8525	8086	-439	-5.1	5469	5610	141	2.6
Aug-11	8029	8714	685	8.5	5352	5732	380	7.1
Sep-11	8828	9305	478	5.4	5486	6064	578	10.5
Oct-11	11832	9131	-2701	-22.8	7404	6352	-1052	-14.2
Nov-11	10950	9365	-1585	-14.5	6604	6220	-384	-5.8
Dec-11	10601	9552	-1050	-9.9	6653	6440	-213	-3.2
Jan-12	10218	9567	-651	-6.4	6456	6982	526	8.1
Feb-12	10302	9406	-896	-8.7	5912	6256	344	5.8
Mar-12	10890	9569	-1320	-12.1	6916	6791	-125	-1.8
Annual	**11832**	**9569**	**-2263**	**-19.1**	**76072**	**74838**	**-1234**	**-1.6**



Anticipated month wise power supply position for 2011-12

Madhya Pradesh

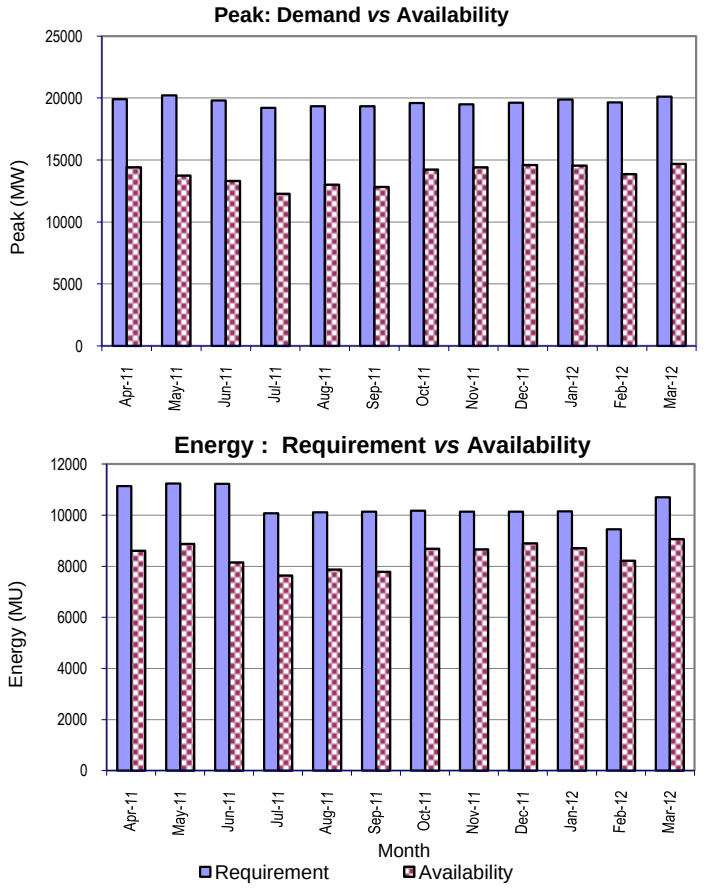
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	7612	5573	-2038	-26.8	4175	3111	-1064	-25.5
May-11	7288	5321	-1967	-27.0	4150	3235	-915	-22.0
Jun-11	6773	5287	-1486	-21.9	3620	3075	-545	-15.1
Jul-11	6141	5804	-336	-5.5	3235	2889	-346	-10.7
Aug-11	6313	6606	293	4.6	3310	3240	-70	-2.1
Sep-11	7042	6966	-75	-1.1	3400	3686	286	8.4
Oct-11	8476	7255	-1221	-14.4	4485	3824	-661	-14.7
Nov-11	9079	7371	-1708	-18.8	5165	3902	-1263	-24.5
Dec-11	9049	7135	-1914	-21.2	5490	3903	-1587	-28.9
Jan-12	9034	6982	-2051	-22.7	5490	3873	-1617	-29.5
Feb-12	8814	6708	-2106	-23.9	4840	3500	-1340	-27.7
Mar-12	8166	6237	-1929	-23.6	4690	3734	-956	-20.4
Annual	**9079**	**7371**	**-1708**	**-18.8**	**52050**	**41972**	**-10078**	**-19.4**



Anticipated month wise power supply position for 2011-12

Maharashtra

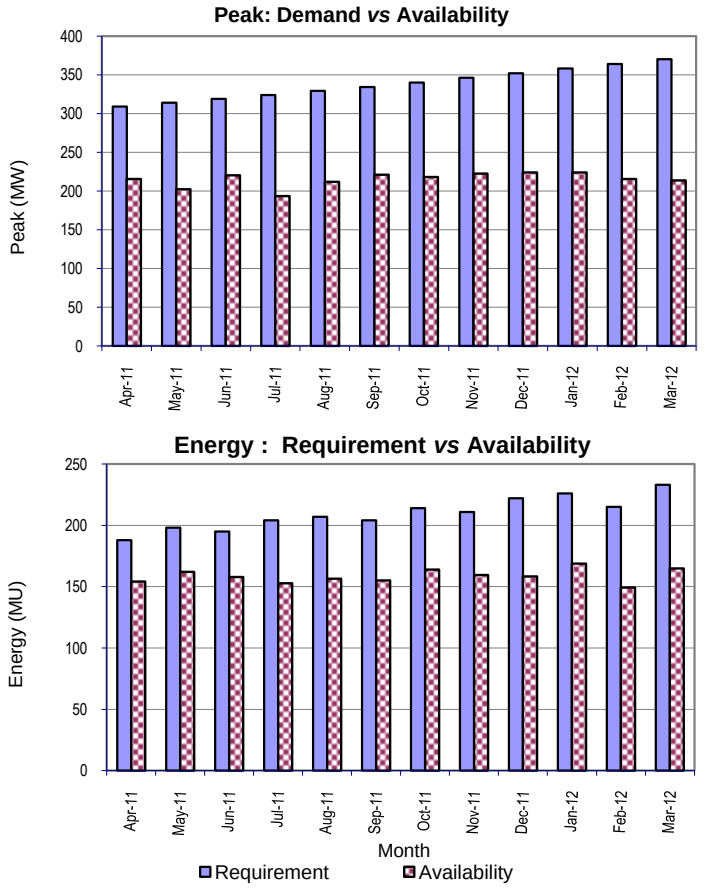
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	19900	14418	-5482	-27.5	11133	8608	-2525	-22.7
May-11	20200	13731	-6469	-32.0	11233	8867	-2365	-21.1
Jun-11	19800	13306	-6494	-32.8	11224	8146	-3078	-27.4
Jul-11	19200	12258	-6942	-36.2	10067	7631	-2436	-24.2
Aug-11	19335	13015	-6320	-32.7	10109	7869	-2240	-22.2
Sep-11	19340	12810	-6530	-33.8	10139	7782	-2356	-23.2
Oct-11	19600	14234	-5366	-27.4	10170	8681	-1489	-14.6
Nov-11	19490	14404	-5086	-26.1	10134	8662	-1472	-14.5
Dec-11	19610	14584	-5026	-25.6	10140	8889	-1251	-12.3
Jan-12	19880	14554	-5326	-26.8	10145	8710	-1435	-14.1
Feb-12	19650	13846	-5804	-29.5	9445	8214	-1231	-13.0
Mar-12	20100	14678	-5422	-27.0	10695	9063	-1632	-15.3
Annual	**20200**	**14678**	**-5522**	**-27.3**	**124632**	**101123**	**-23509**	**-18.9**



Anticipated month wise power supply position for 2011-12

Daman & Diu

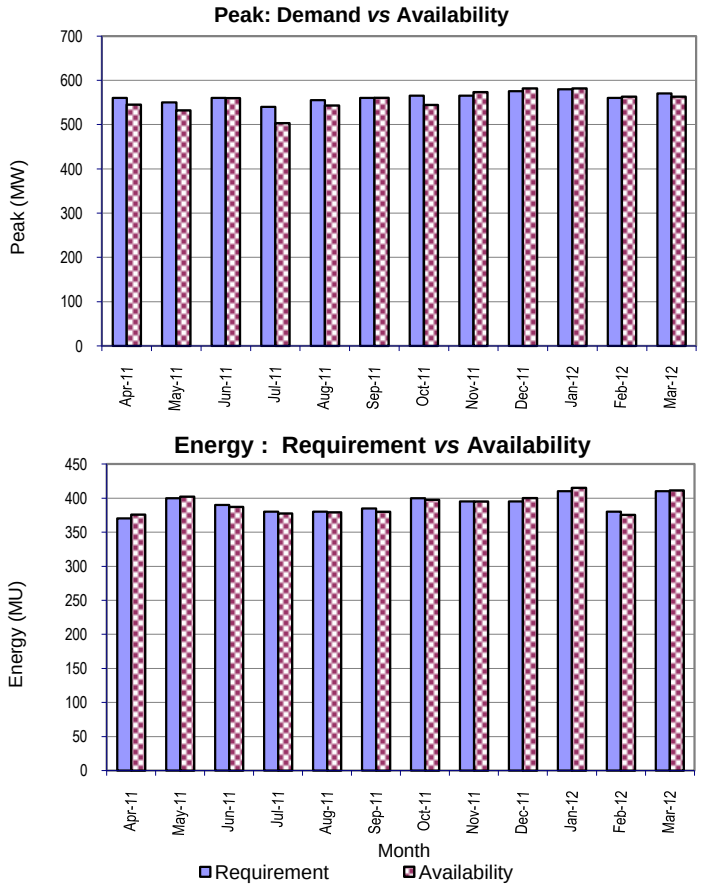
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	309	216	-93	-30.2	188	154	-34	-18.0
May-11	314	202	-112	-35.6	198	162	-36	-18.2
Jun-11	319	220	-99	-31.0	195	158	-37	-19.0
Jul-11	324	193	-131	-40.3	204	153	-51	-25.1
Aug-11	329	212	-117	-35.7	207	157	-50	-24.4
Sep-11	334	221	-113	-33.8	204	155	-49	-24.0
Oct-11	340	218	-122	-35.8	214	164	-50	-23.4
Nov-11	346	222	-124	-35.7	211	159	-52	-24.4
Dec-11	352	224	-128	-36.4	222	158	-64	-28.6
Jan-12	358	224	-134	-37.5	226	169	-57	-25.3
Feb-12	364	215	-149	-40.8	215	149	-66	-30.5
Mar-12	370	214	-156	-42.2	233	165	-68	-29.2
Annual	**370**	**224**	**-146**	**-39.5**	**2517**	**1903**	**-614**	**-24.4**



Anticipated month wise power supply position for 2011-12

D.N.Haveli

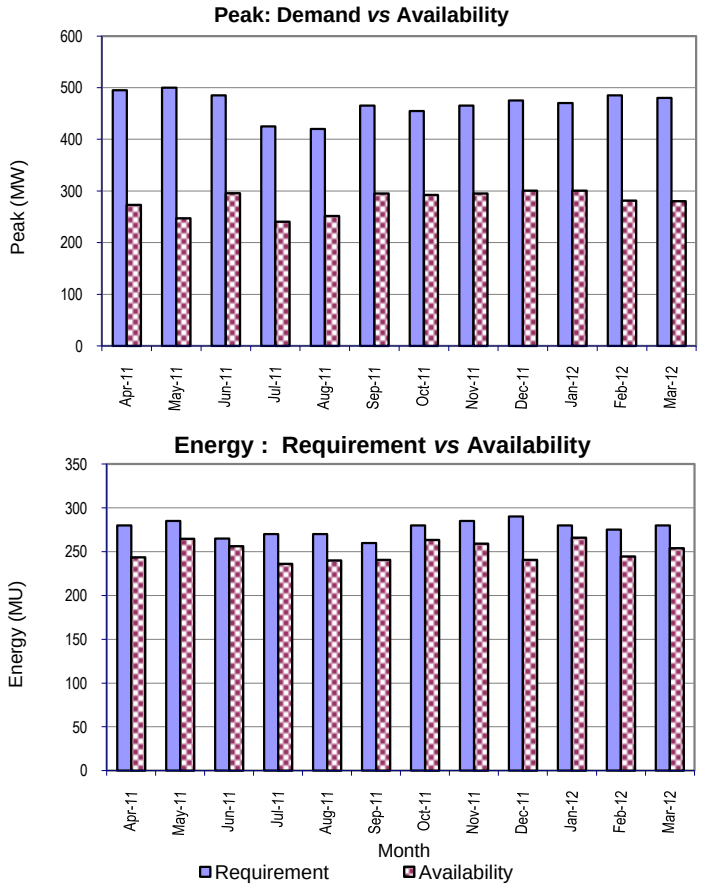
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	560	545	-15	-2.7	370	376	6	1.5
May-11	550	532	-18	-3.3	400	402	2	0.5
Jun-11	560	560	0	0.0	390	387	-3	-0.7
Jul-11	540	503	-37	-6.8	380	377	-3	-0.7
Aug-11	555	543	-12	-2.1	380	379	-1	-0.2
Sep-11	560	561	1	0.1	385	380	-5	-1.3
Oct-11	565	544	-21	-3.7	400	397	-3	-0.6
Nov-11	565	573	8	1.5	395	395	0	0.0
Dec-11	575	582	7	1.2	395	400	5	1.3
Jan-12	580	582	2	0.3	410	415	5	1.2
Feb-12	560	563	3	0.5	380	375	-5	-1.2
Mar-12	570	563	-7	-1.2	410	411	1	0.3
Annual	**580**	**582**	**2**	**0.3**	**4695**	**4696**	**1**	**0.0**



Anticipated month wise power supply position for 2011-12

Goa

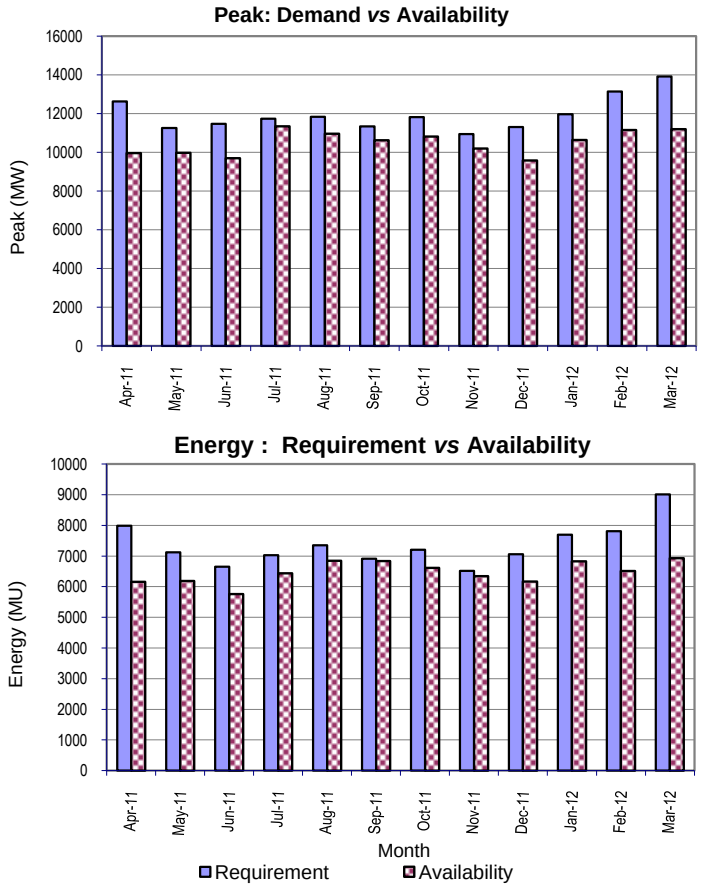
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	495	273	-222	-44.8	280	243	-37	-13.1
May-11	500	247	-253	-50.6	285	264	-21	-7.2
Jun-11	485	296	-189	-39.0	265	256	-9	-3.4
Jul-11	425	240	-185	-43.4	270	236	-34	-12.6
Aug-11	420	251	-169	-40.2	270	240	-30	-11.1
Sep-11	465	295	-170	-36.6	260	241	-19	-7.4
Oct-11	455	292	-163	-35.7	280	263	-17	-6.0
Nov-11	465	295	-170	-36.5	285	259	-26	-9.1
Dec-11	475	300	-175	-36.8	290	241	-49	-17.1
Jan-12	470	300	-170	-36.1	280	266	-14	-5.0
Feb-12	485	281	-204	-42.1	275	245	-30	-11.1
Mar-12	480	280	-200	-41.6	280	254	-26	-9.3
Annual	**500**	**300**	**-200**	**-39.9**	**3320**	**3008**	**-312**	**-9.4**



Anticipated month wise power supply position for 2011-12

Andhra Pradesh

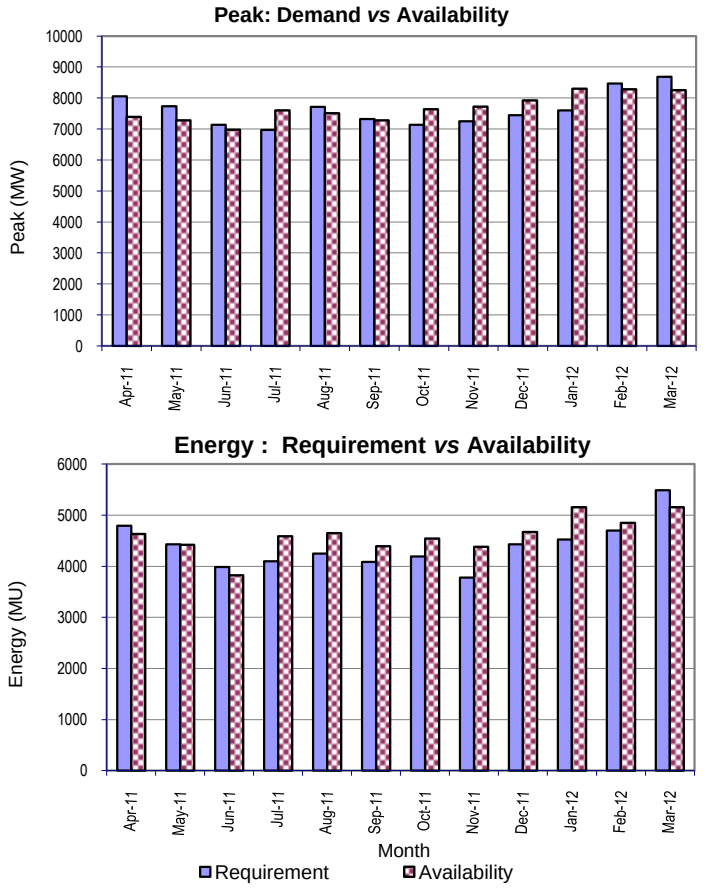
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	12627	9959	-2668	-21.1	7986	6160	-1826	-22.9
May-11	11252	9972	-1280	-11.4	7116	6186	-930	-13.1
Jun-11	11464	9697	-1767	-15.4	6653	5761	-892	-13.4
Jul-11	11737	11336	-401	-3.4	7030	6436	-594	-8.5
Aug-11	11826	10956	-870	-7.4	7347	6845	-502	-6.8
Sep-11	11330	10613	-717	-6.3	6912	6835	-77	-1.1
Oct-11	11811	10809	-1002	-8.5	7206	6609	-597	-8.3
Nov-11	10940	10195	-745	-6.8	6511	6344	-167	-2.6
Dec-11	11294	9567	-1727	-15.3	7058	6171	-887	-12.6
Jan-12	11959	10632	-1327	-11.1	7696	6826	-870	-11.3
Feb-12	13126	11146	-1980	-15.1	7813	6507	-1306	-16.7
Mar-12	13916	11188	-2728	-19.6	9007	6927	-2080	-23.1
Annual	**13916**	**11336**	**-2580**	**-18.5**	**88335**	**77608**	**-10727**	**-12.1**



Anticipated month wise power supply position for 2011-12

Karnataka

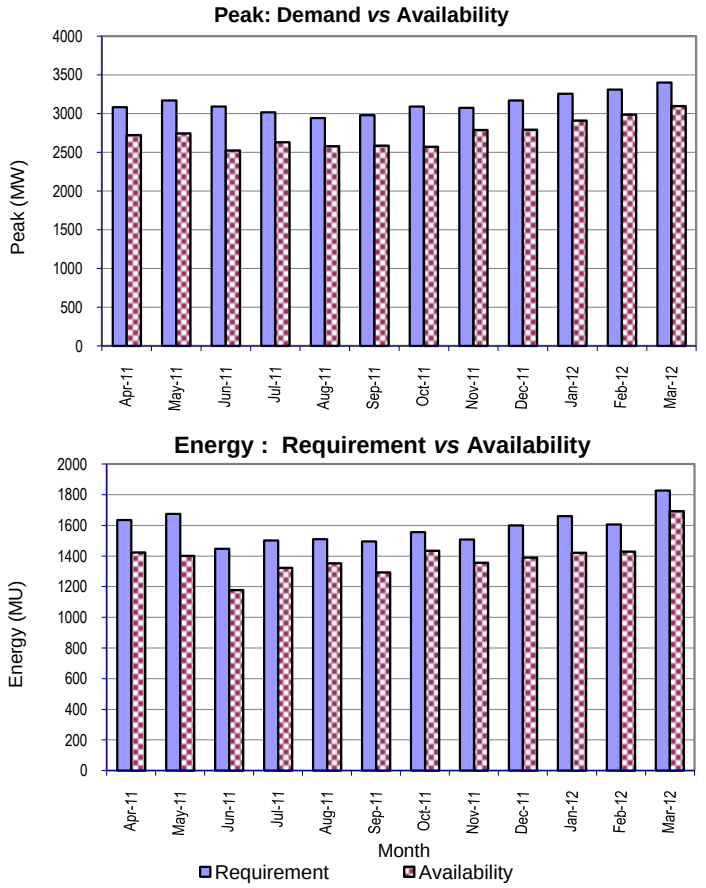
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	8055	7393	-662	-8.2	4794	4632	-162	-3.4
May-11	7732	7281	-451	-5.8	4430	4420	-10	-0.2
Jun-11	7138	6974	-164	-2.3	3983	3822	-161	-4.0
Jul-11	6974	7598	624	9.0	4099	4589	490	11.9
Aug-11	7715	7513	-202	-2.6	4248	4647	399	9.4
Sep-11	7324	7279	-45	-0.6	4087	4392	305	7.5
Oct-11	7136	7640	504	7.1	4193	4540	347	8.3
Nov-11	7250	7716	466	6.4	3776	4379	603	16.0
Dec-11	7441	7925	484	6.5	4429	4671	242	5.5
Jan-12	7600	8296	696	9.2	4524	5157	633	14.0
Feb-12	8462	8284	-178	-2.1	4699	4850	151	3.2
Mar-12	8680	8252	-428	-4.9	5489	5157	-332	-6.1
Annual	**8680**	**8296**	**-384**	**-4.4**	**52751**	**55256**	**2505**	**4.7**



Anticipated month wise power supply position for 2011-12

Kerala

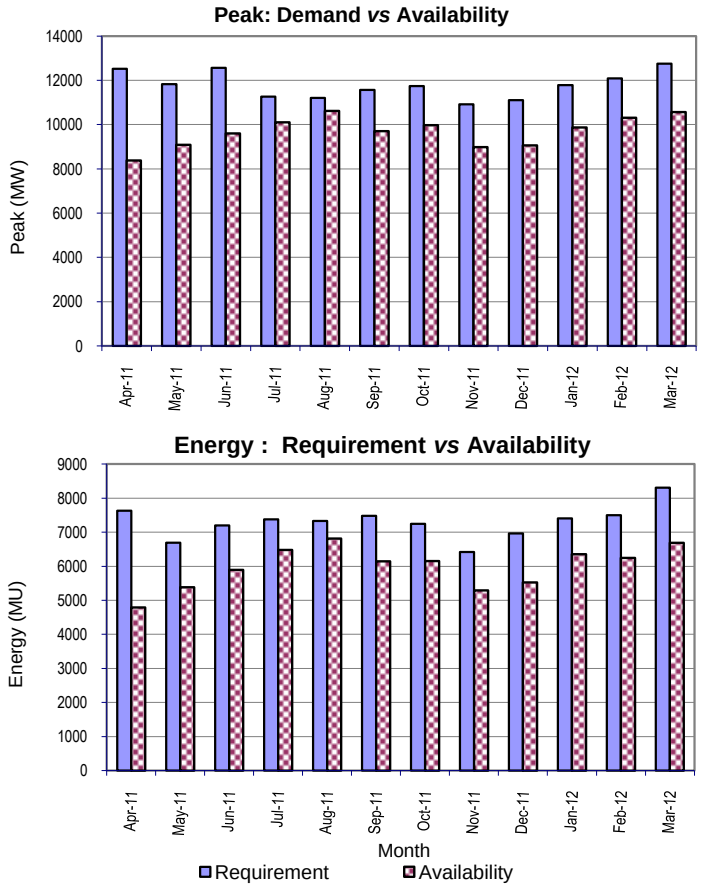
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	3081	2720	-361	-11.7	1635	1422	-213	-13.0
May-11	3169	2744	-425	-13.4	1674	1401	-273	-16.3
Jun-11	3088	2521	-567	-18.4	1447	1177	-270	-18.7
Jul-11	3014	2629	-385	-12.8	1502	1322	-180	-12.0
Aug-11	2940	2577	-363	-12.4	1510	1352	-158	-10.4
Sep-11	2977	2583	-394	-13.2	1495	1292	-203	-13.6
Oct-11	3090	2570	-520	-16.8	1556	1434	-122	-7.8
Nov-11	3071	2788	-283	-9.2	1508	1357	-151	-10.0
Dec-11	3166	2789	-377	-11.9	1600	1390	-210	-13.1
Jan-12	3255	2907	-348	-10.7	1659	1420	-239	-14.4
Feb-12	3308	2985	-323	-9.8	1606	1429	-177	-11.0
Mar-12	3400	3094	-306	-9.0	1827	1692	-135	-7.4
Annual	**3400**	**3094**	**-306**	**-9.0**	**19019**	**16689**	**-2330**	**-12.2**



Anticipated month wise power supply position for 2011-12

Tamil Nadu

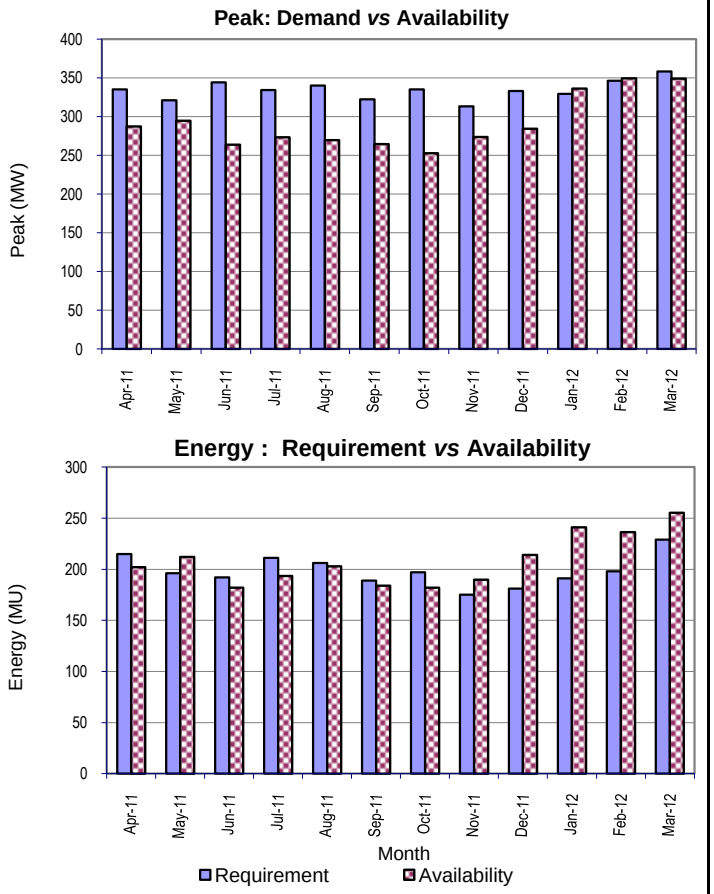
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	12512	8379	-4133	-33.0	7634	4787	-2847	-37.3
May-11	11827	9084	-2743	-23.2	6688	5381	-1307	-19.5
Jun-11	12566	9603	-2963	-23.6	7199	5892	-1307	-18.1
Jul-11	11264	10101	-1163	-10.3	7374	6481	-893	-12.1
Aug-11	11200	10616	-584	-5.2	7333	6816	-517	-7.0
Sep-11	11558	9705	-1853	-16.0	7483	6144	-1339	-17.9
Oct-11	11733	9970	-1763	-15.0	7246	6155	-1091	-15.1
Nov-11	10919	8981	-1938	-17.7	6418	5295	-1123	-17.5
Dec-11	11108	9062	-2046	-18.4	6961	5529	-1432	-20.6
Jan-12	11775	9866	-1909	-16.2	7400	6355	-1045	-14.1
Feb-12	12084	10307	-1777	-14.7	7499	6243	-1256	-16.7
Mar-12	12755	10570	-2185	-17.1	8304	6688	-1616	-19.5
Annual	**12755**	**10616**	**-2139**	**-16.8**	**87539**	**71767**	**-15772**	**-18.0**



Anticipated month wise power supply position for 2011-12

Puducherry

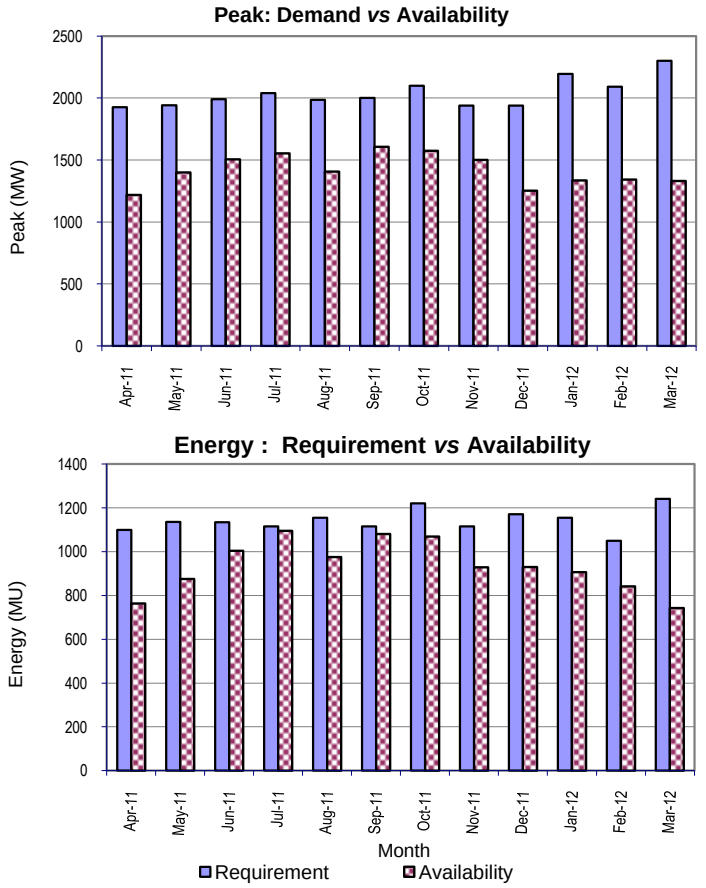
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	335	287	-48	-14.3	215	202	-13	-6.0
May-11	321	295	-26	-8.2	196	212	16	8.2
Jun-11	344	264	-80	-23.4	192	182	-10	-5.2
Jul-11	334	273	-61	-18.2	211	193	-18	-8.4
Aug-11	340	270	-70	-20.7	206	203	-3	-1.5
Sep-11	322	264	-58	-17.9	189	184	-5	-2.8
Oct-11	335	253	-82	-24.6	197	182	-15	-7.7
Nov-11	313	273	-40	-12.7	175	190	15	8.4
Dec-11	333	284	-49	-14.7	181	214	33	18.2
Jan-12	329	336	7	2.1	191	241	50	26.2
Feb-12	346	349	3	0.9	198	236	38	19.4
Mar-12	358	349	-9	-2.5	229	255	26	11.4
Annual	**358**	**349**	**-9**	**-2.5**	**2380**	**2494**	**114**	**4.8**



Anticipated month wise power supply position for 2011-12

Bihar

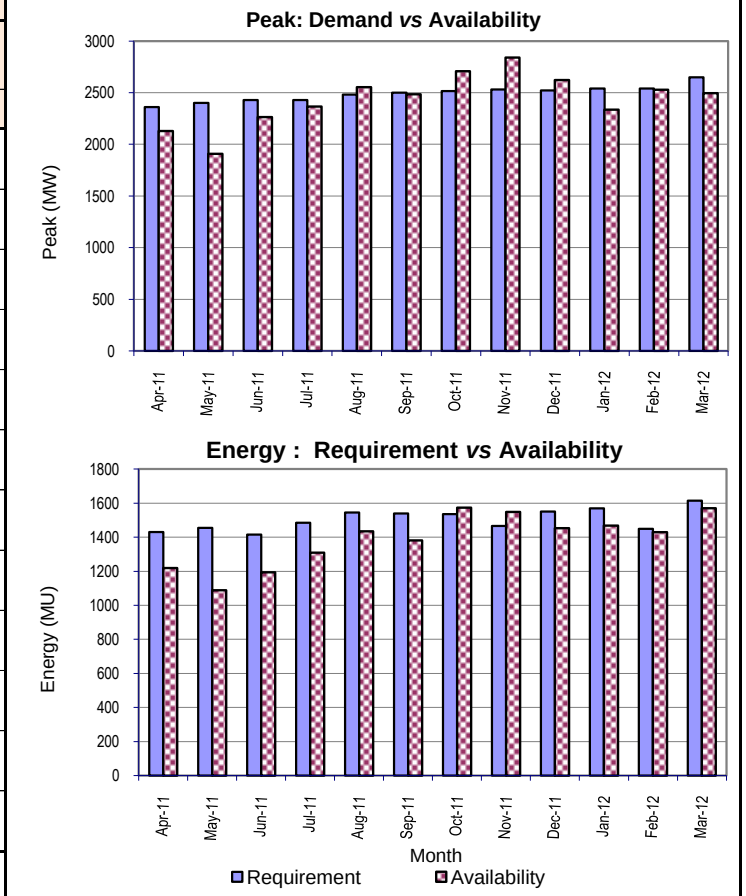
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	1925	1217	-707	-36.8	1100	763	-337	-30.6
May-11	1940	1400	-540	-27.8	1135	875	-260	-22.9
Jun-11	1990	1505	-485	-24.4	1135	1004	-131	-11.5
Jul-11	2040	1553	-487	-23.9	1115	1095	-21	-1.9
Aug-11	1985	1407	-579	-29.1	1155	975	-180	-15.6
Sep-11	2000	1605	-395	-19.7	1115	1081	-34	-3.1
Oct-11	2100	1573	-526	-25.1	1220	1069	-151	-12.4
Nov-11	1940	1501	-439	-22.7	1115	928	-187	-16.7
Dec-11	1940	1252	-688	-35.4	1170	930	-240	-20.5
Jan-12	2195	1336	-859	-39.2	1155	907	-249	-21.5
Feb-12	2090	1342	-749	-35.8	1050	841	-209	-19.9
Mar-12	2300	1330	-971	-42.2	1240	743	-498	-40.1
Annual	**2300**	**1605**	**-695**	**-30.2**	**13706**	**11210**	**-2496**	**-18.2**



Anticipated month wise power supply position for 2011-12

DVC

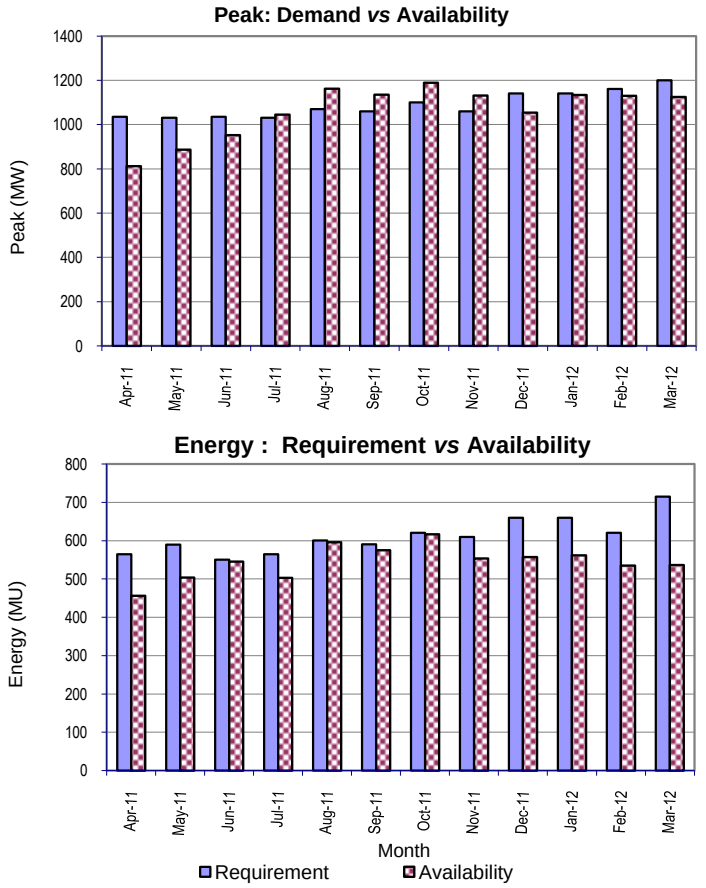
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	2360	2128	-232	-9.8	1430	1219	-211	-14.7
May-11	2400	1908	-492	-20.5	1455	1089	-366	-25.2
Jun-11	2430	2263	-167	-6.9	1415	1193	-222	-15.7
Jul-11	2430	2366	-64	-2.6	1485	1309	-176	-11.8
Aug-11	2480	2552	72	2.9	1545	1435	-110	-7.1
Sep-11	2500	2483	-17	-0.7	1540	1381	-158	-10.3
Oct-11	2515	2708	193	7.7	1535	1573	38	2.5
Nov-11	2530	2839	309	12.2	1465	1549	84	5.7
Dec-11	2520	2621	101	4.0	1550	1452	-97	-6.3
Jan-12	2540	2335	-205	-8.1	1570	1468	-102	-6.5
Feb-12	2540	2528	-12	-0.5	1450	1430	-20	-1.4
Mar-12	2650	2495	-155	-5.9	1615	1569	-46	-2.8
Annual	**2650**	**2839**	**189**	**7.1**	**18054**	**16668**	**-1386**	**-7.7**



Anticipated month wise power supply position for 2011-12

Jharkhand

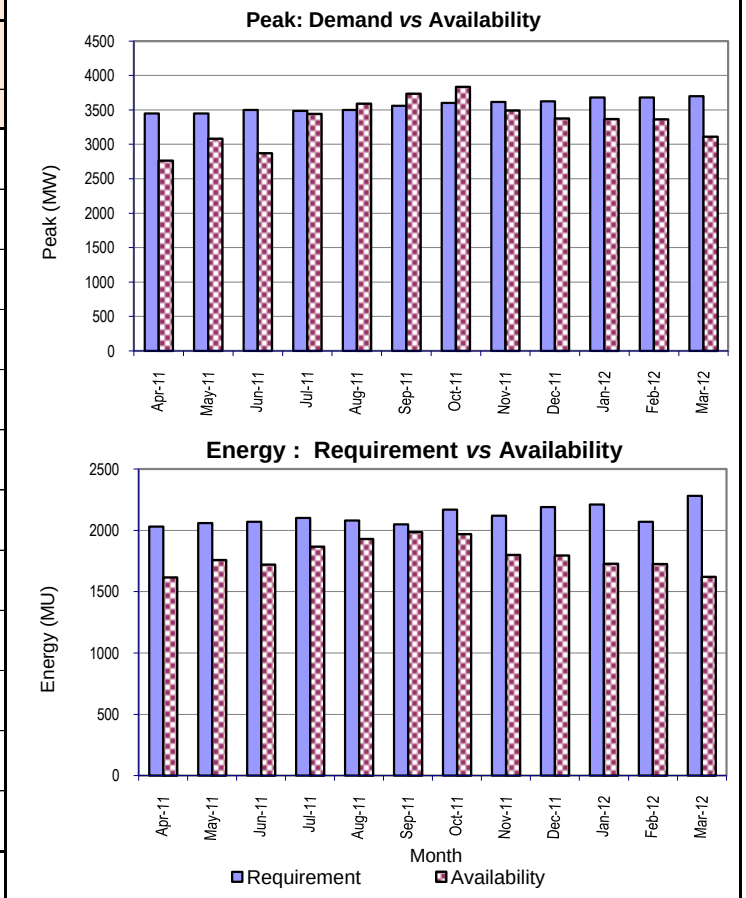
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	1035	811	-224	-21.6	565	456	-108	-19.2
May-11	1030	887	-143	-13.9	590	504	-86	-14.5
Jun-11	1035	953	-82	-7.9	550	545	-5	-0.9
Jul-11	1030	1045	15	1.4	565	503	-62	-11.0
Aug-11	1070	1161	91	8.5	600	596	-4	-0.7
Sep-11	1060	1135	75	7.1	590	575	-15	-2.6
Oct-11	1100	1189	89	8.1	620	617	-4	-0.6
Nov-11	1060	1131	71	6.7	610	553	-56	-9.3
Dec-11	1140	1053	-87	-7.6	660	558	-102	-15.5
Jan-12	1140	1133	-7	-0.6	660	562	-98	-14.9
Feb-12	1160	1130	-30	-2.6	620	535	-86	-13.8
Mar-12	1200	1125	-75	-6.2	715	536	-179	-25.0
Annual	**1200**	**1189**	**-11**	**-0.9**	**7346**	**6540**	**-806**	**-11.0**



Anticipated month wise power supply position for 2011-12

Orissa

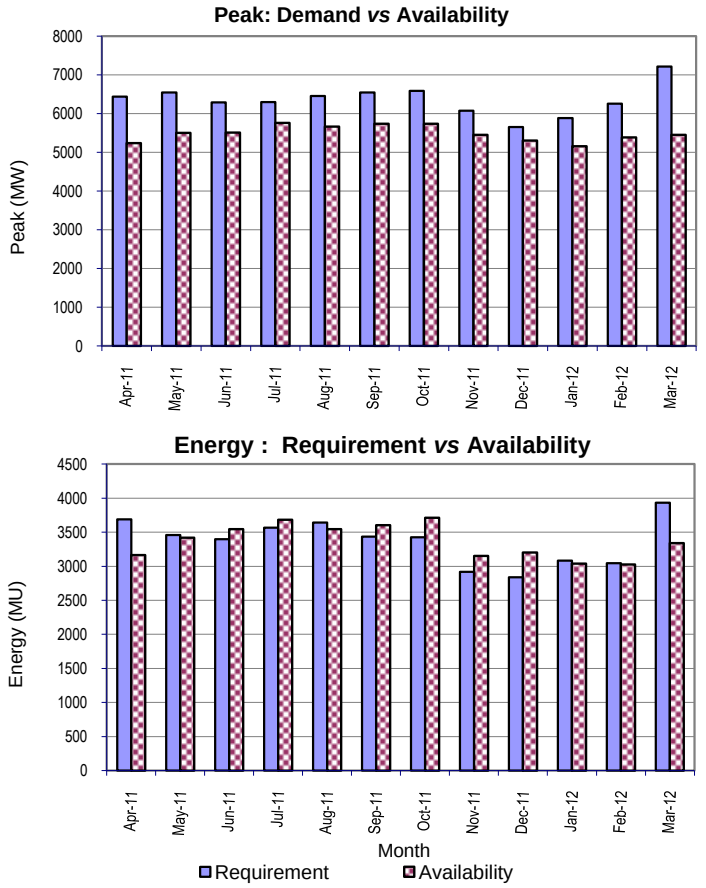
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	3450	2762	-688	-19.9	2030	1616	-414	-20.4
May-11	3450	3083	-367	-10.6	2060	1757	-303	-14.7
Jun-11	3500	2870	-630	-18.0	2070	1720	-350	-16.9
Jul-11	3485	3442	-43	-1.2	2100	1867	-233	-11.1
Aug-11	3500	3588	88	2.5	2080	1929	-151	-7.3
Sep-11	3560	3733	173	4.9	2050	1986	-64	-3.1
Oct-11	3600	3836	236	6.6	2170	1969	-201	-9.3
Nov-11	3615	3491	-124	-3.4	2120	1798	-322	-15.2
Dec-11	3625	3375	-250	-6.9	2190	1796	-394	-18.0
Jan-12	3680	3366	-314	-8.5	2210	1728	-482	-21.8
Feb-12	3680	3362	-318	-8.6	2070	1725	-345	-16.7
Mar-12	3700	3112	-588	-15.9	2280	1621	-659	-28.9
Annual	**3700**	**3836**	**136**	**3.7**	**25430**	**21511**	**-3919**	**-15.4**



Anticipated month wise power supply position for 2011-12

West Bengal

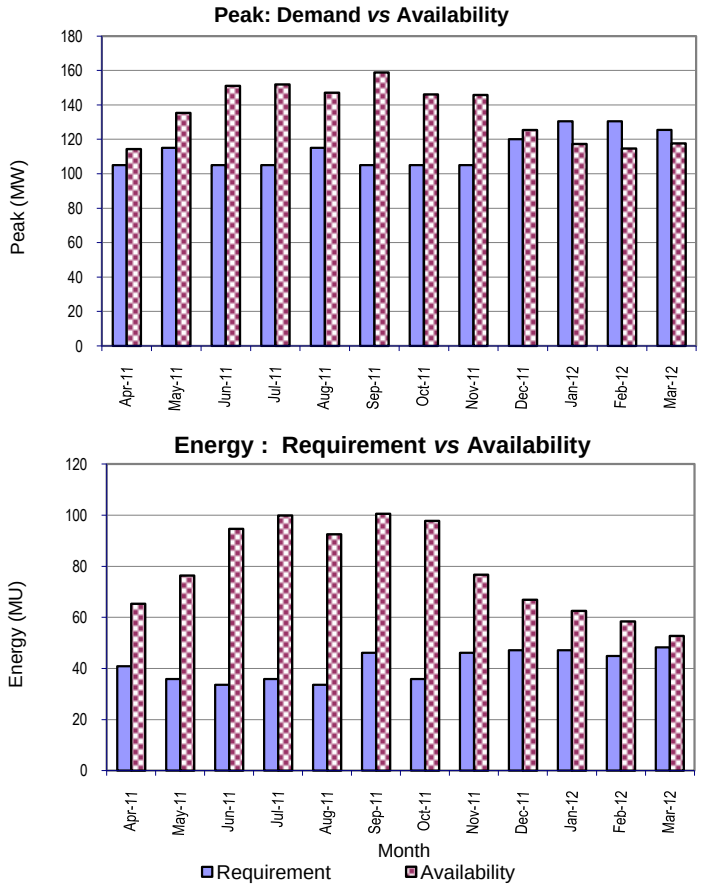
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	6435	5231	-1204	-18.7	3687	3164	-523	-14.2
May-11	6539	5499	-1040	-15.9	3460	3421	-39	-1.1
Jun-11	6282	5508	-774	-12.3	3399	3544	145	4.3
Jul-11	6298	5760	-538	-8.5	3568	3681	113	3.2
Aug-11	6450	5661	-789	-12.2	3642	3543	-99	-2.7
Sep-11	6540	5734	-806	-12.3	3434	3601	168	4.9
Oct-11	6583	5732	-851	-12.9	3423	3712	289	8.4
Nov-11	6070	5451	-619	-10.2	2918	3152	234	8.0
Dec-11	5647	5299	-348	-6.2	2840	3200	360	12.7
Jan-12	5881	5151	-730	-12.4	3081	3041	-40	-1.3
Feb-12	6253	5385	-868	-13.9	3044	3024	-20	-0.6
Mar-12	7210	5449	-1761	-24.4	3934	3339	-596	-15.1
Annual	**7210**	**5760**	**-1451**	**-20.1**	**40429**	**40421**	**-8**	**0.0**



Anticipated month wise power supply position for 2011-12

Sikkim

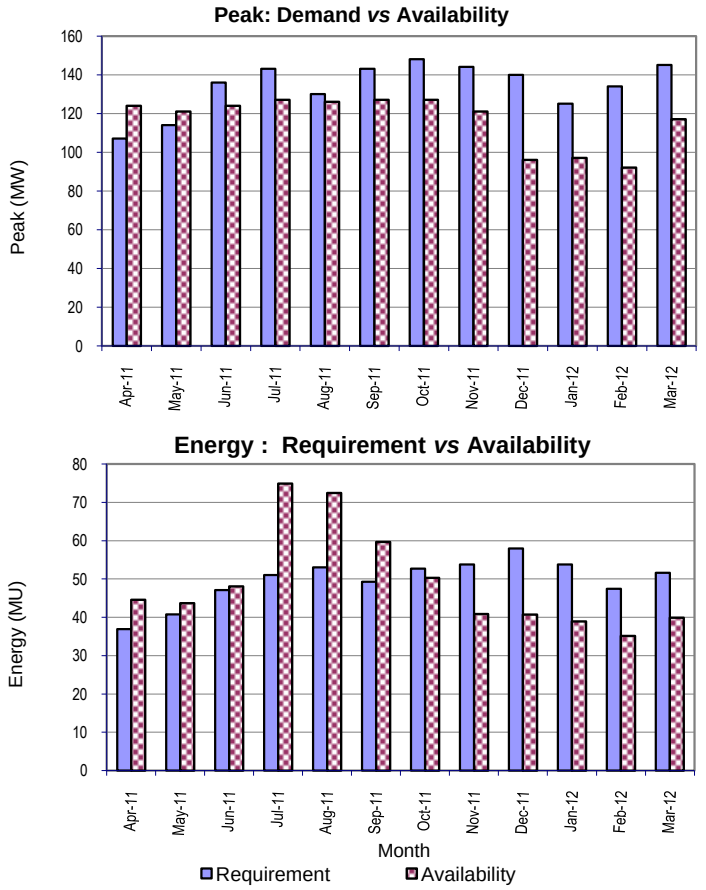
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	105	114	9	9.0	41	65	24	59.6
May-11	115	135	20	17.5	36	76	40	112.7
Jun-11	105	151	46	44.0	34	95	61	181.0
Jul-11	105	152	47	44.7	36	100	64	178.2
Aug-11	115	147	32	27.8	34	92	59	174.7
Sep-11	105	159	54	51.4	46	100	54	118.0
Oct-11	105	146	41	39.3	36	98	62	172.3
Nov-11	105	146	41	38.9	46	77	31	66.3
Dec-11	120	125	5	4.6	47	67	20	42.0
Jan-12	130	117	-13	-10.1	47	62	15	32.6
Feb-12	130	115	-16	-12.1	45	58	13	30.1
Mar-12	125	118	-8	-6.3	48	53	4	9.2
Annual	**130**	**159**	**28**	**21.8**	**496**	**944**	**448**	**90.5**



Anticipated month wise power supply position for 2011-12

Arunachal Pradesh

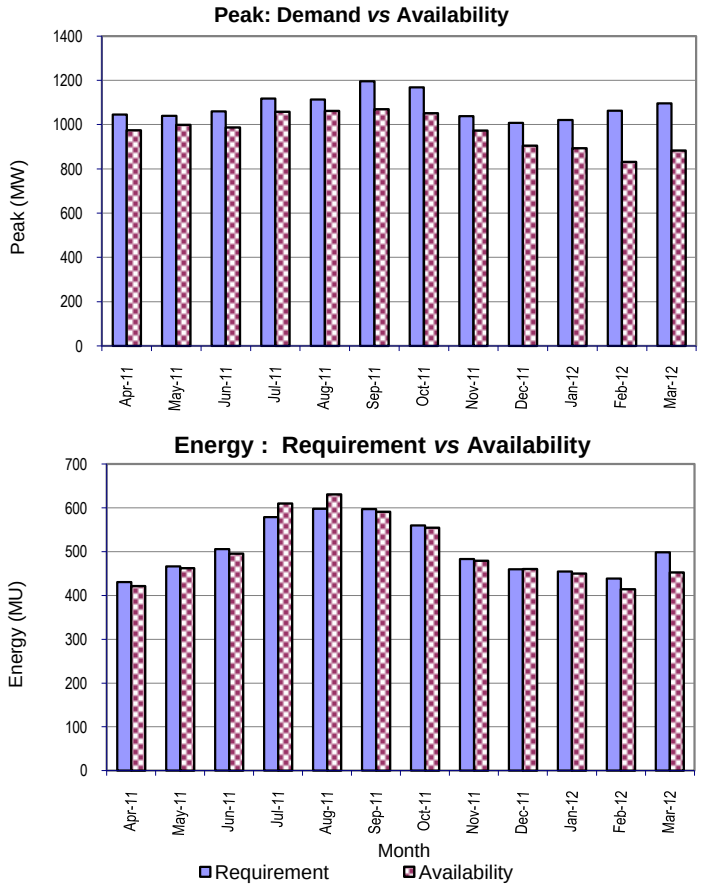
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	107	124	17	15.9	37	45	8	20.7
May-11	114	121	7	6.1	41	44	3	7.3
Jun-11	136	124	-12	-8.8	47	48	1	2.0
Jul-11	143	127	-16	-11.2	51	75	24	46.8
Aug-11	130	126	-4	-3.1	53	72	19	36.6
Sep-11	143	127	-16	-11.2	49	60	10	21.1
Oct-11	148	127	-21	-14.2	53	50	-2	-4.5
Nov-11	144	121	-23	-16.0	54	41	-13	-24.1
Dec-11	140	96	-44	-31.4	58	41	-17	-29.8
Jan-12	125	97	-28	-22.4	54	39	-15	-27.6
Feb-12	134	92	-42	-31.3	47	35	-12	-25.9
Mar-12	145	117	-28	-19.3	52	40	-12	-22.8
Annual	**148**	**127**	**-21**	**-14.2**	**595**	**589**	**-6**	**-1.0**



Anticipated month wise power supply position for 2011-12

Assam

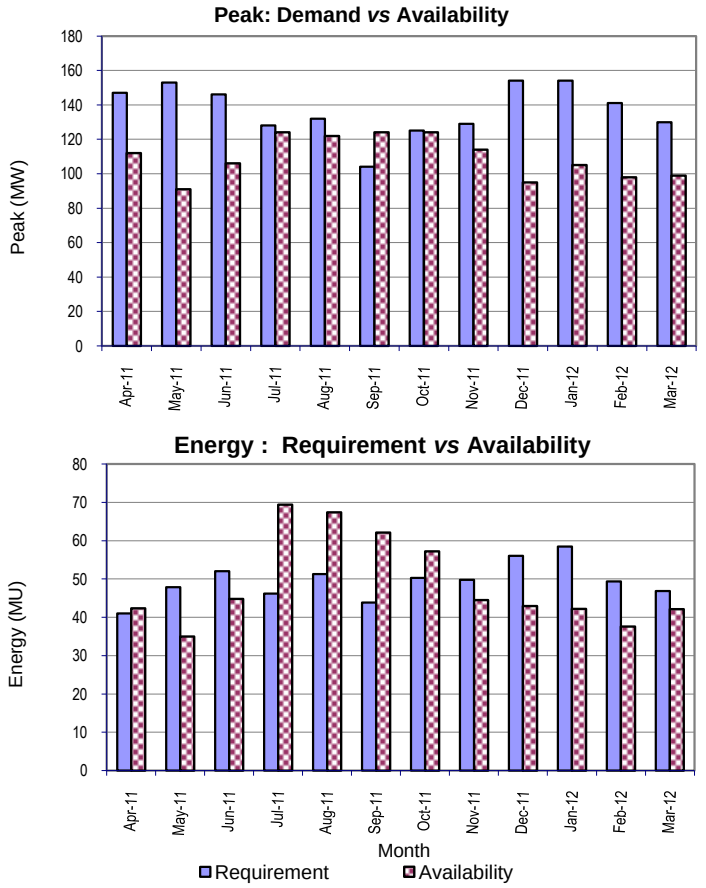
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	1045	974	-71	-6.8	430	421	-9	-2.1
May-11	1039	998	-41	-3.9	466	462	-4	-0.9
Jun-11	1060	987	-73	-6.9	506	496	-10	-2.0
Jul-11	1117	1058	-59	-5.3	579	610	31	5.4
Aug-11	1113	1061	-52	-4.7	598	630	32	5.4
Sep-11	1195	1069	-126	-10.5	597	591	-6	-1.0
Oct-11	1168	1051	-117	-10.0	560	555	-5	-1.0
Nov-11	1038	973	-65	-6.3	483	479	-4	-0.8
Dec-11	1008	904	-104	-10.3	459	460	1	0.2
Jan-12	1021	893	-128	-12.5	455	450	-5	-1.0
Feb-12	1062	831	-231	-21.8	439	414	-25	-5.6
Mar-12	1096	883	-213	-19.4	499	453	-46	-9.3
Annual	**1195**	**1069**	**-126**	**-10.5**	**6071**	**6021**	**-50**	**-0.8**



Anticipated month wise power supply position for 2011-12

Manipur

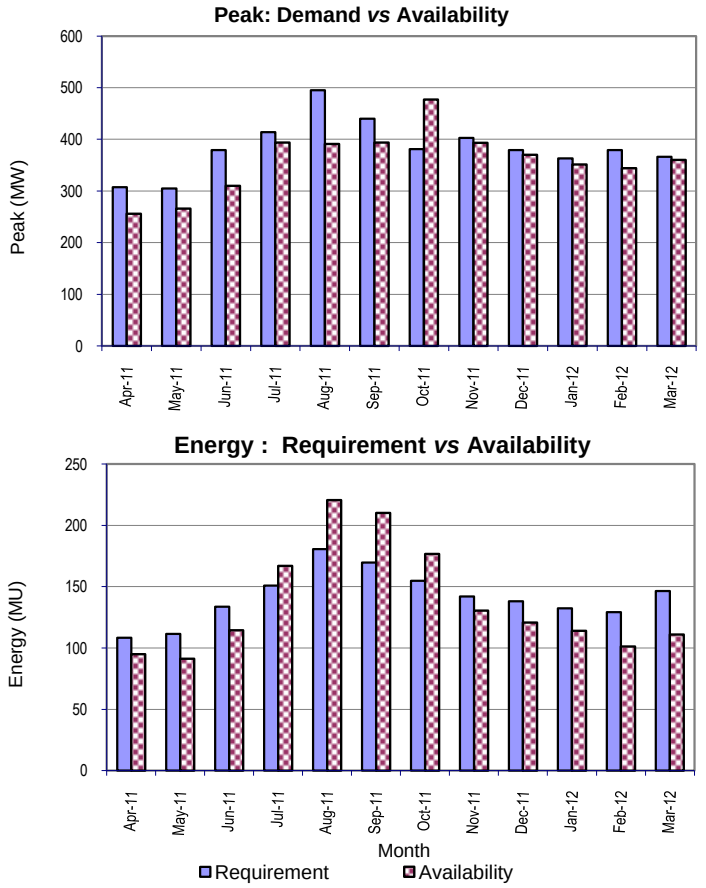
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	147	112	-35	-23.8	41	42	1	3.3
May-11	153	91	-62	-40.5	48	35	-13	-26.9
Jun-11	146	106	-40	-27.4	52	45	-7	-13.9
Jul-11	128	124	-4	-3.1	46	69	23	50.3
Aug-11	132	122	-10	-7.6	51	67	16	31.4
Sep-11	104	124	20	19.2	44	62	18	41.7
Oct-11	125	124	-1	-0.8	50	57	7	13.8
Nov-11	129	114	-15	-11.6	50	45	-5	-10.6
Dec-11	154	95	-59	-38.3	56	43	-13	-23.3
Jan-12	154	105	-49	-31.8	59	42	-16	-27.8
Feb-12	141	98	-43	-30.5	49	38	-12	-23.9
Mar-12	130	99	-31	-23.8	47	42	-5	-10.0
Annual	**154**	**124**	**-30**	**-19.5**	**593**	**588**	**-5**	**-0.9**



Anticipated month wise power supply position for 2011-12

Meghalaya

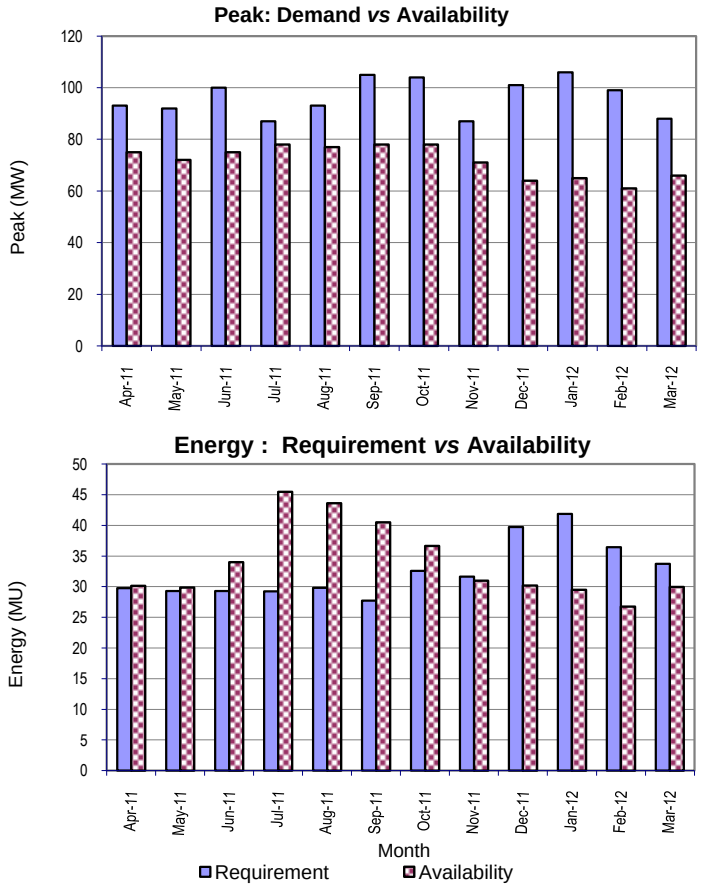
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	307	256	-51	-16.6	108	95	-13	-12.4
May-11	305	266	-39	-12.8	111	91	-20	-18.1
Jun-11	379	310	-69	-18.2	134	115	-19	-14.3
Jul-11	414	394	-20	-4.8	151	167	16	10.6
Aug-11	495	391	-104	-21.0	181	221	40	22.2
Sep-11	440	394	-46	-10.5	170	210	41	23.9
Oct-11	381	477	96	25.2	155	177	22	14.1
Nov-11	403	393	-10	-2.5	142	130	-12	-8.2
Dec-11	379	370	-9	-2.4	138	121	-17	-12.6
Jan-12	363	351	-12	-3.3	132	114	-18	-13.9
Feb-12	379	344	-35	-9.2	129	101	-28	-21.7
Mar-12	366	360	-6	-1.6	146	111	-35	-24.2
Annual	**495**	**477**	**-18**	**-3.6**	**1698**	**1652**	**-45**	**-2.7**



Anticipated month wise power supply position for 2011-12

Mizoram

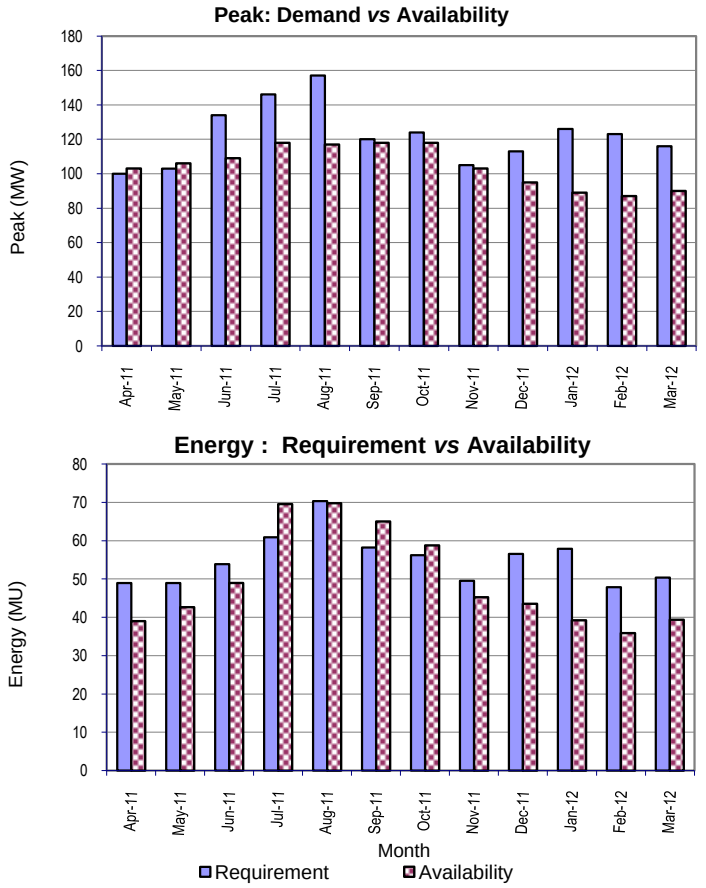
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	93	75	-18	-19.4	30	30	0	1.4
May-11	92	72	-20	-21.7	29	30	1	1.9
Jun-11	100	75	-25	-25.0	29	34	5	16.0
Jul-11	87	78	-9	-10.3	29	45	16	55.6
Aug-11	93	77	-16	-17.2	30	44	14	46.4
Sep-11	105	78	-27	-25.7	28	40	13	45.9
Oct-11	104	78	-26	-25.0	33	37	4	12.5
Nov-11	87	71	-16	-18.4	32	31	-1	-2.1
Dec-11	101	64	-37	-36.6	40	30	-10	-24.1
Jan-12	106	65	-41	-38.7	42	29	-12	-29.6
Feb-12	99	61	-38	-38.4	36	27	-10	-26.6
Mar-12	88	66	-22	-25.0	34	30	-4	-11.1
Annual	**106**	**78**	**-28**	**-26.4**	**391**	**408**	**16**	**4.2**



Anticipated month wise power supply position for 2011-12

Nagaland

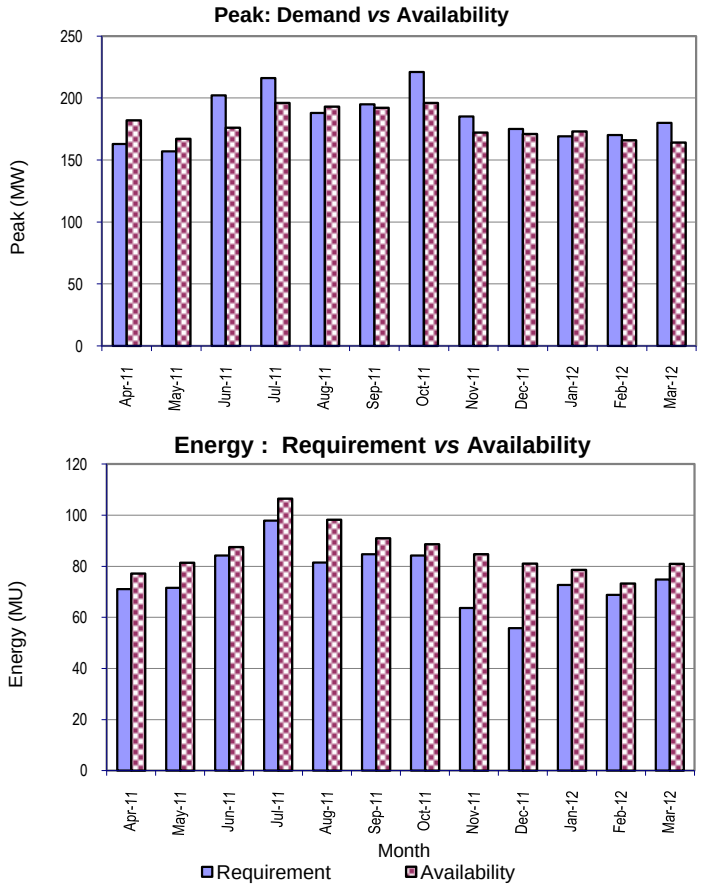
Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	100	103	3	3.0	49	39	-10	-20.4
May-11	103	106	3	2.9	49	43	-6	-12.8
Jun-11	134	109	-25	-18.7	54	49	-5	-9.0
Jul-11	146	118	-28	-19.2	61	70	9	14.1
Aug-11	157	117	-40	-25.5	70	70	-1	-0.8
Sep-11	120	118	-2	-1.7	58	65	7	11.6
Oct-11	124	118	-6	-4.8	56	59	3	4.5
Nov-11	105	103	-2	-1.9	50	45	-4	-8.6
Dec-11	113	95	-18	-15.9	57	44	-13	-22.9
Jan-12	126	89	-37	-29.4	58	39	-19	-32.3
Feb-12	123	87	-36	-29.3	48	36	-12	-25.1
Mar-12	116	90	-26	-22.4	50	39	-11	-21.8
Annual	**157**	**118**	**-39**	**-24.8**	**660**	**597**	**-63**	**-9.5**



Anticipated month wise power supply position for 2011-12

Tripura

Month	Peak				Energy			
	Demand	Availa-bility	Surplus(+)/Deficit (-)		Require-ment	Availa-bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-11	163	182	19	11.7	71	77	6	8.5
May-11	157	167	10	6.4	72	81	10	13.6
Jun-11	202	176	-26	-12.9	84	87	3	4.0
Jul-11	216	196	-20	-9.3	98	106	9	8.7
Aug-11	188	193	5	2.7	81	98	17	20.6
Sep-11	195	192	-3	-1.5	85	91	6	7.4
Oct-11	221	196	-25	-11.3	84	89	4	5.2
Nov-11	185	172	-13	-7.0	64	85	21	33.1
Dec-11	175	171	-4	-2.3	56	81	25	45.2
Jan-12	169	173	4	2.4	73	79	6	8.2
Feb-12	170	166	-4	-2.4	69	73	4	6.4
Mar-12	180	164	-16	-8.9	75	81	6	8.3
Annual	**221**	**196**	**-25**	**-11.3**	**911**	**1029**	**118**	**13.0**



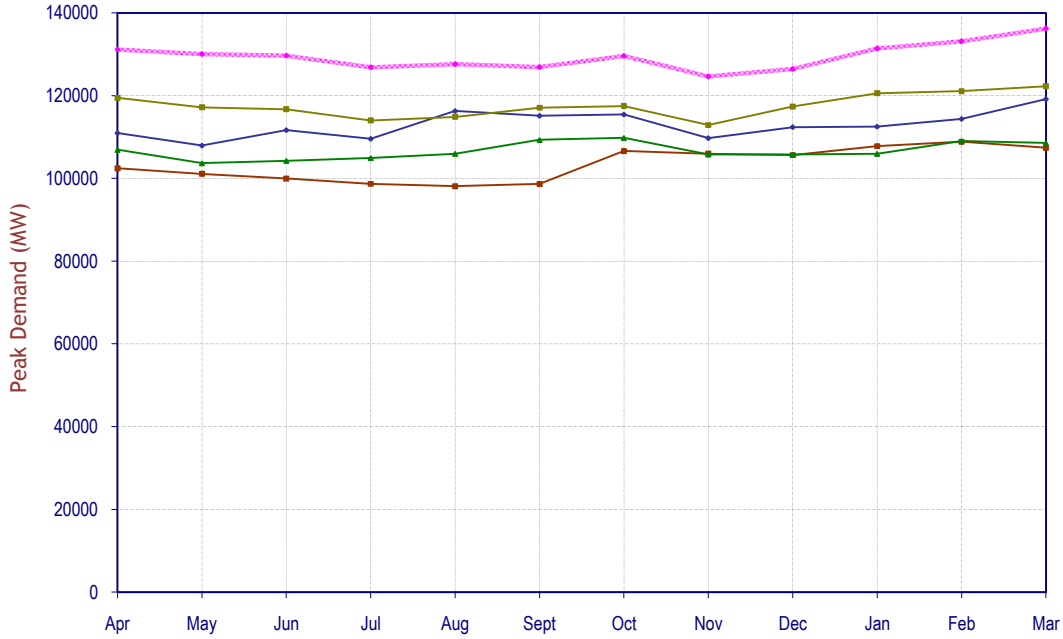
EXHIBIT

Exhibit - I (a)

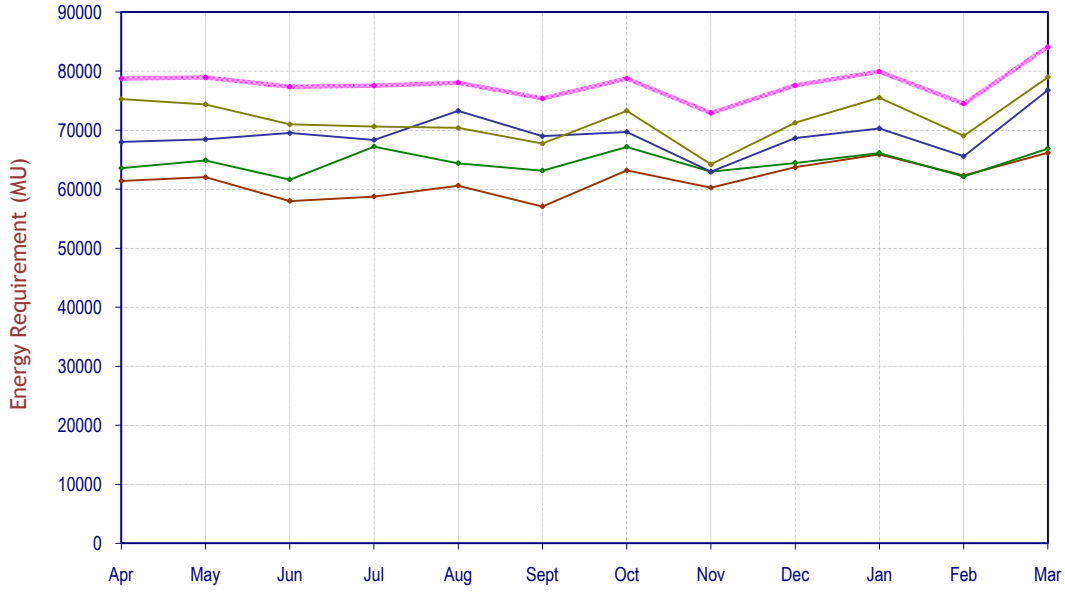
Pattern of Peak Demand & Energy Requirement

All India

Peak Demand



Energy Requirement



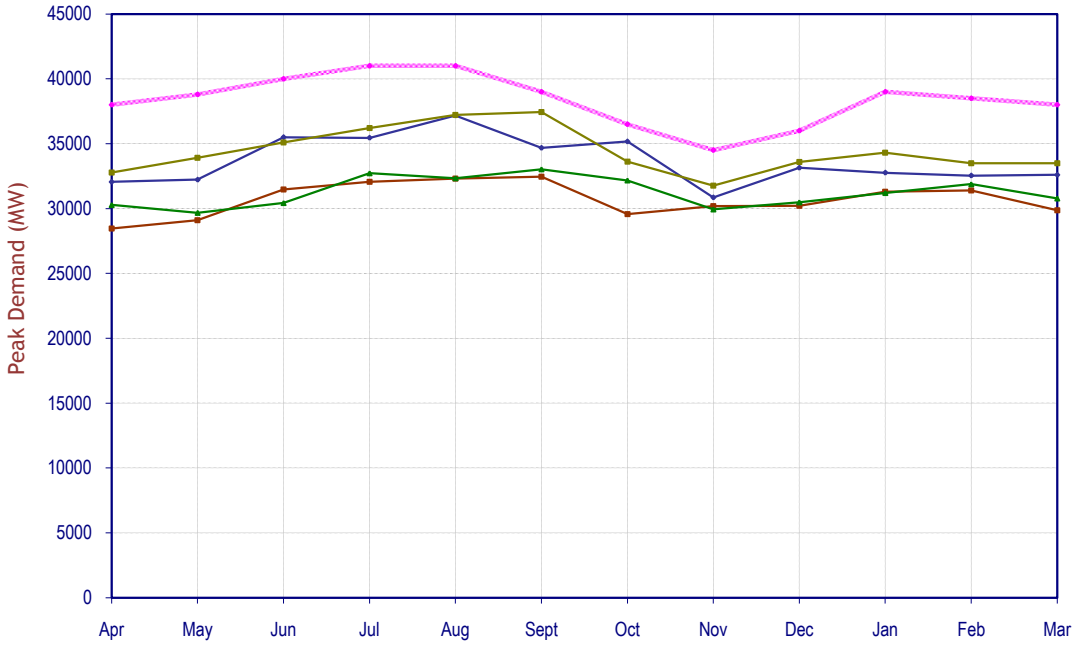
2007-08 2008-09 2009-10 2010-11 **2011-12 anticipated**

Exhibit - I (b)

Pattern of Peak Demand & Energy Requirement

Northern Region

Peak Demand



Energy Requirement

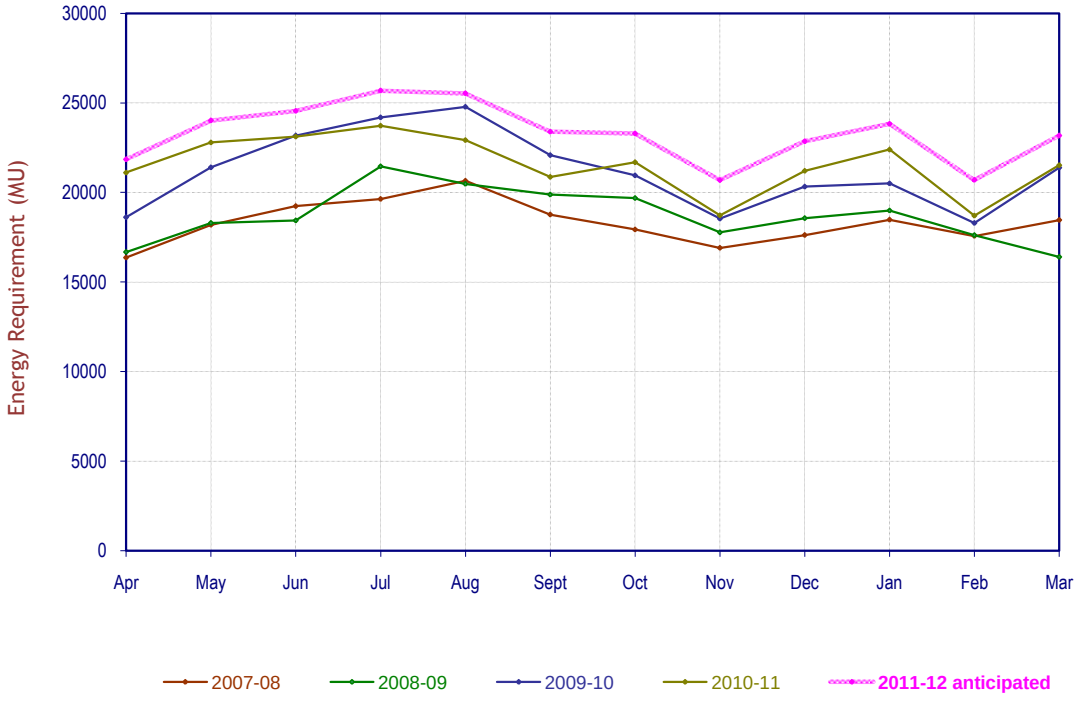
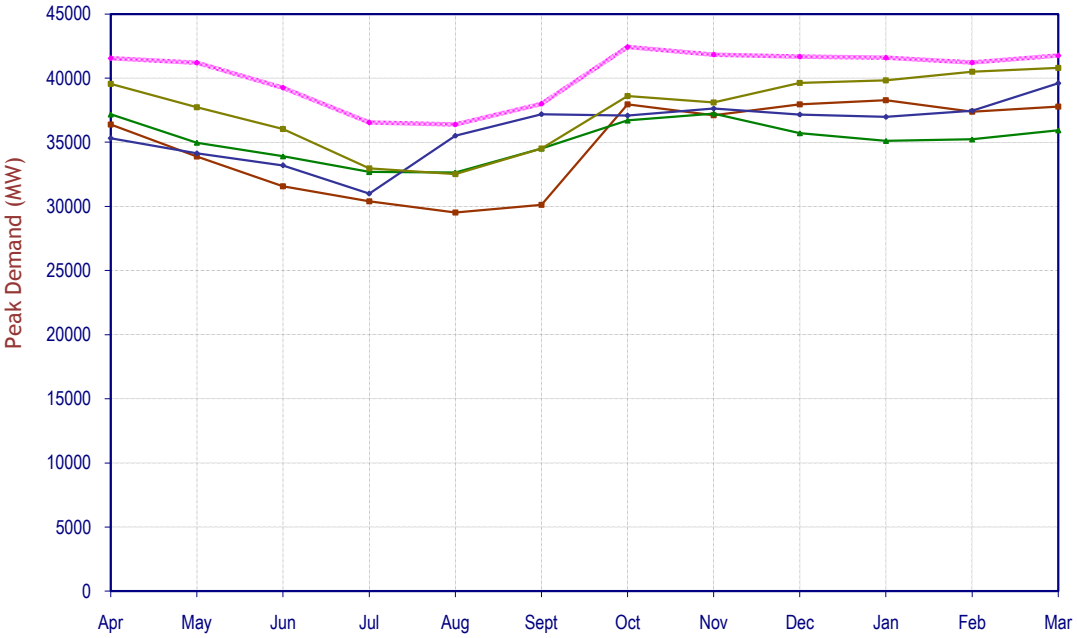


Exhibit - I (c)

Pattern of Peak Demand & Energy Requirement

Western Region

Peak Demand



Energy Requirement

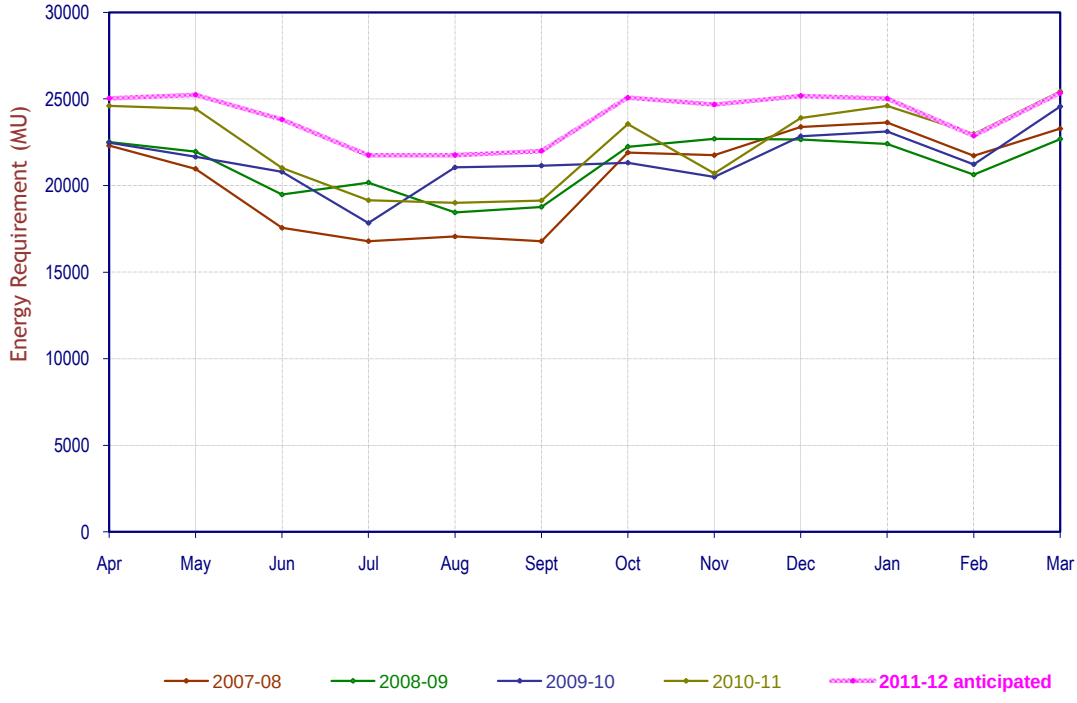
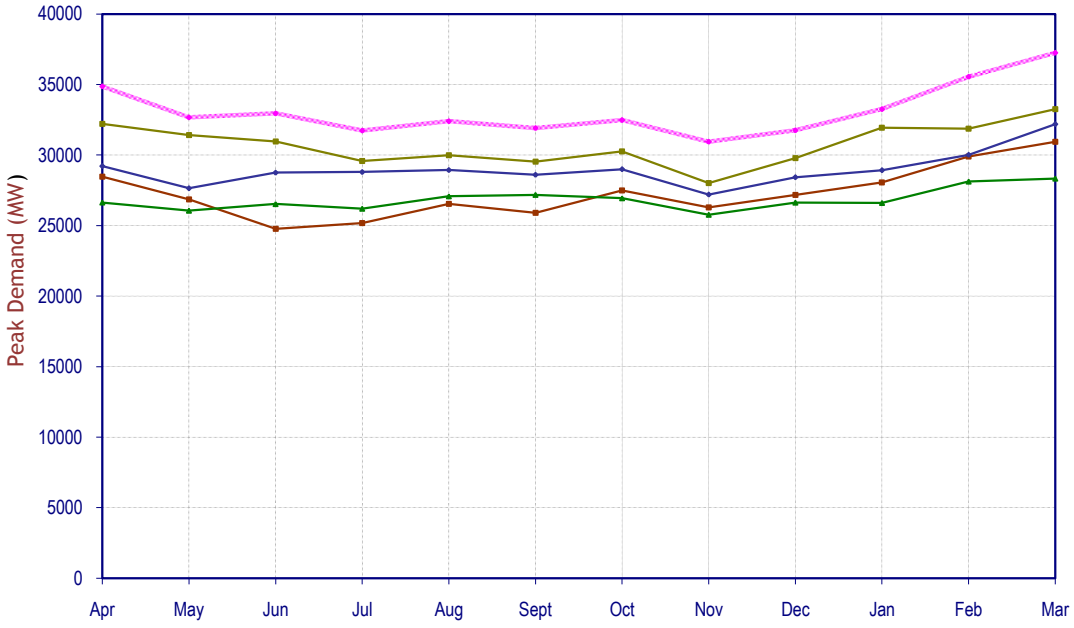


Exhibit - I (d)

Pattern of Peak Demand & Energy Requirement

Southern Region

Peak Demand



Energy Requirement

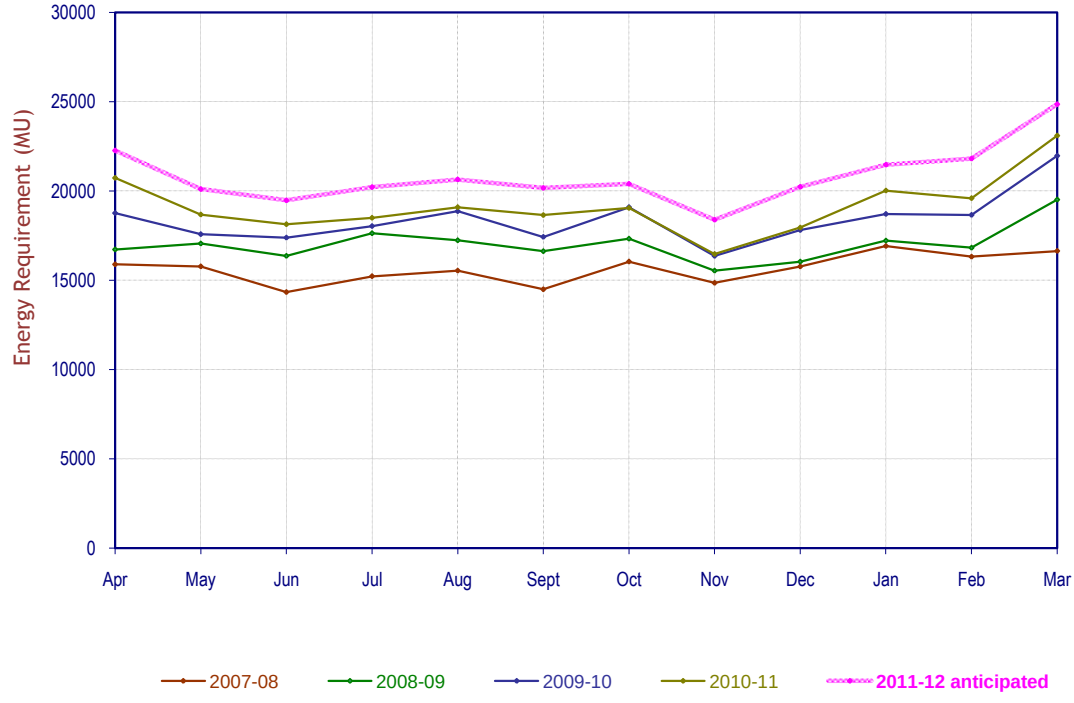
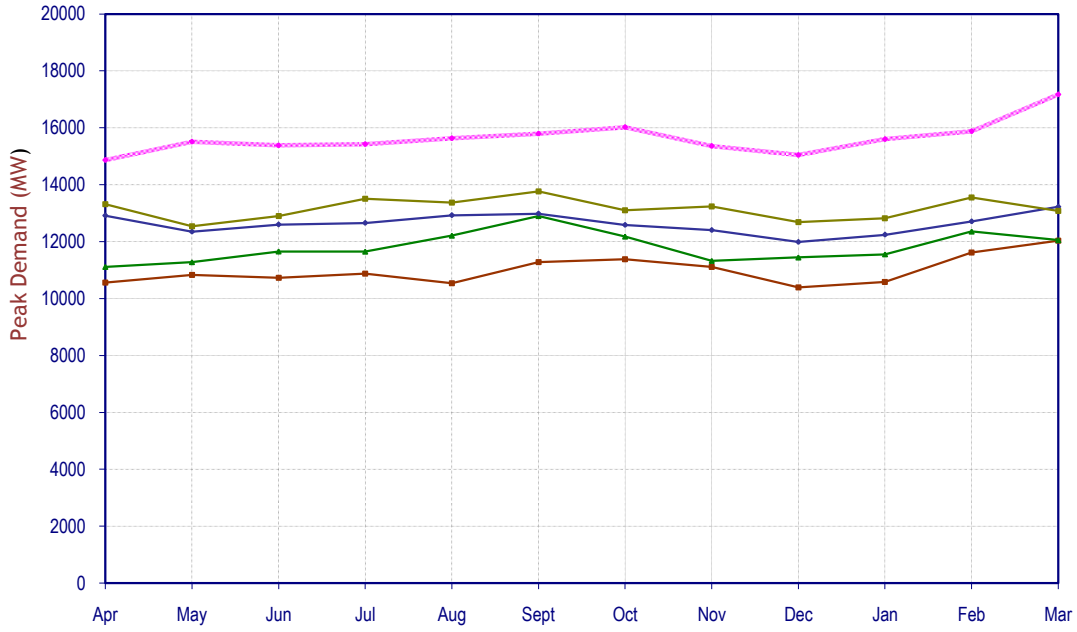


Exhibit - I (e)

Pattern of Peak Demand & Energy Requirement

Eastern Region

Peak Demand



Energy Requirement

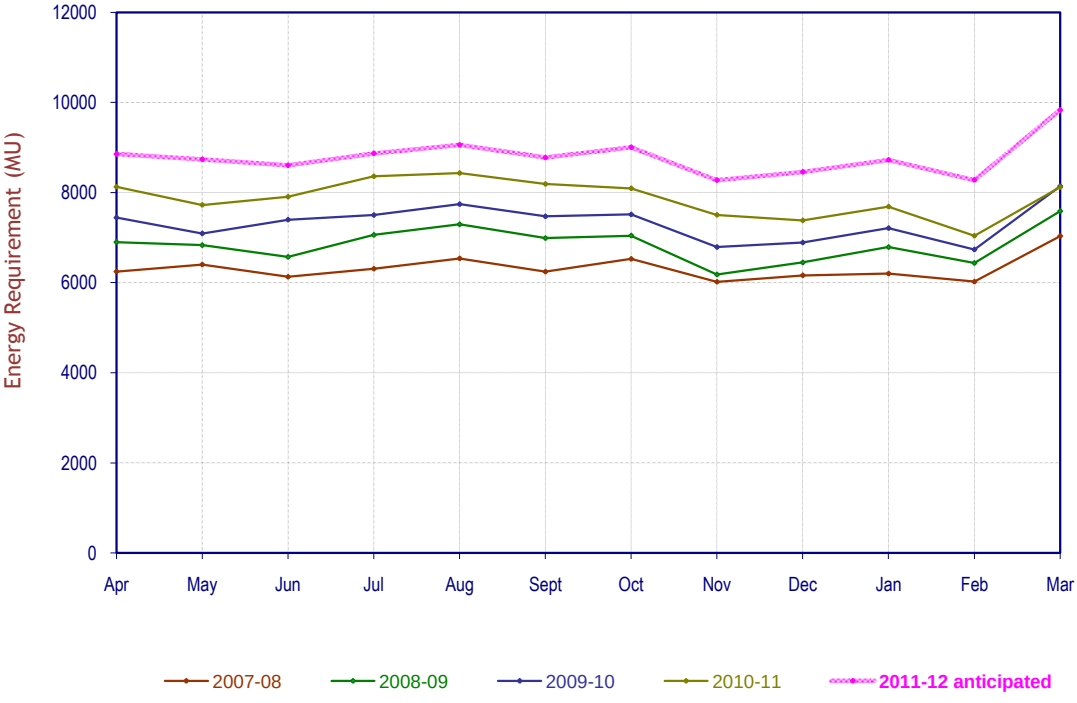
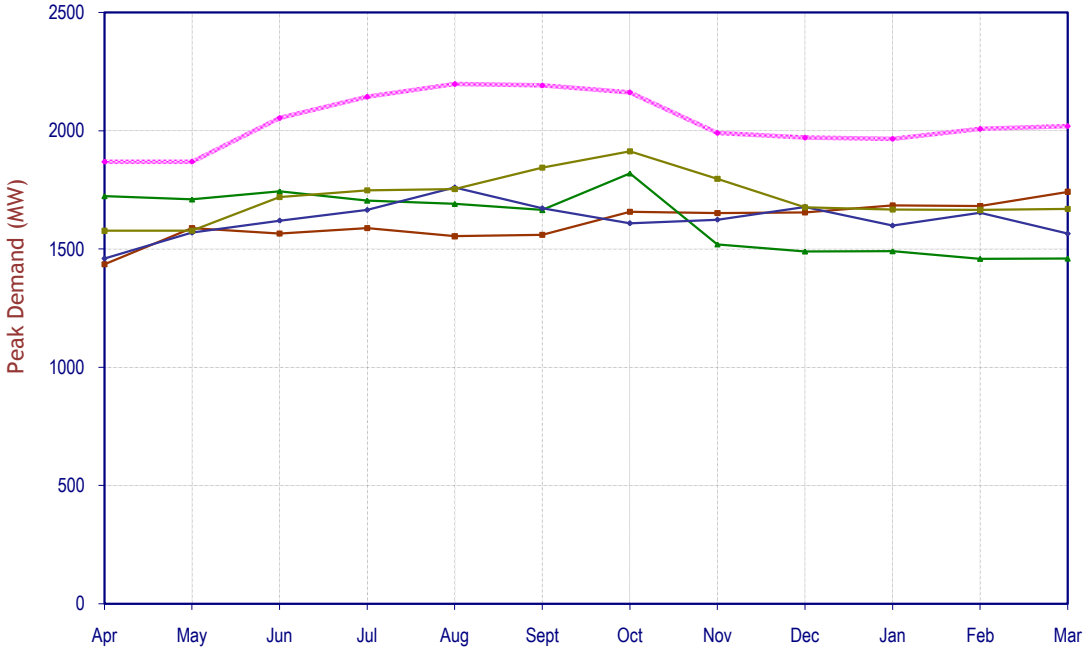


Exhibit - I (f)

Pattern of Peak Demand & Energy Requirement

North-Eastern Region

Peak Demand



Energy Requirement