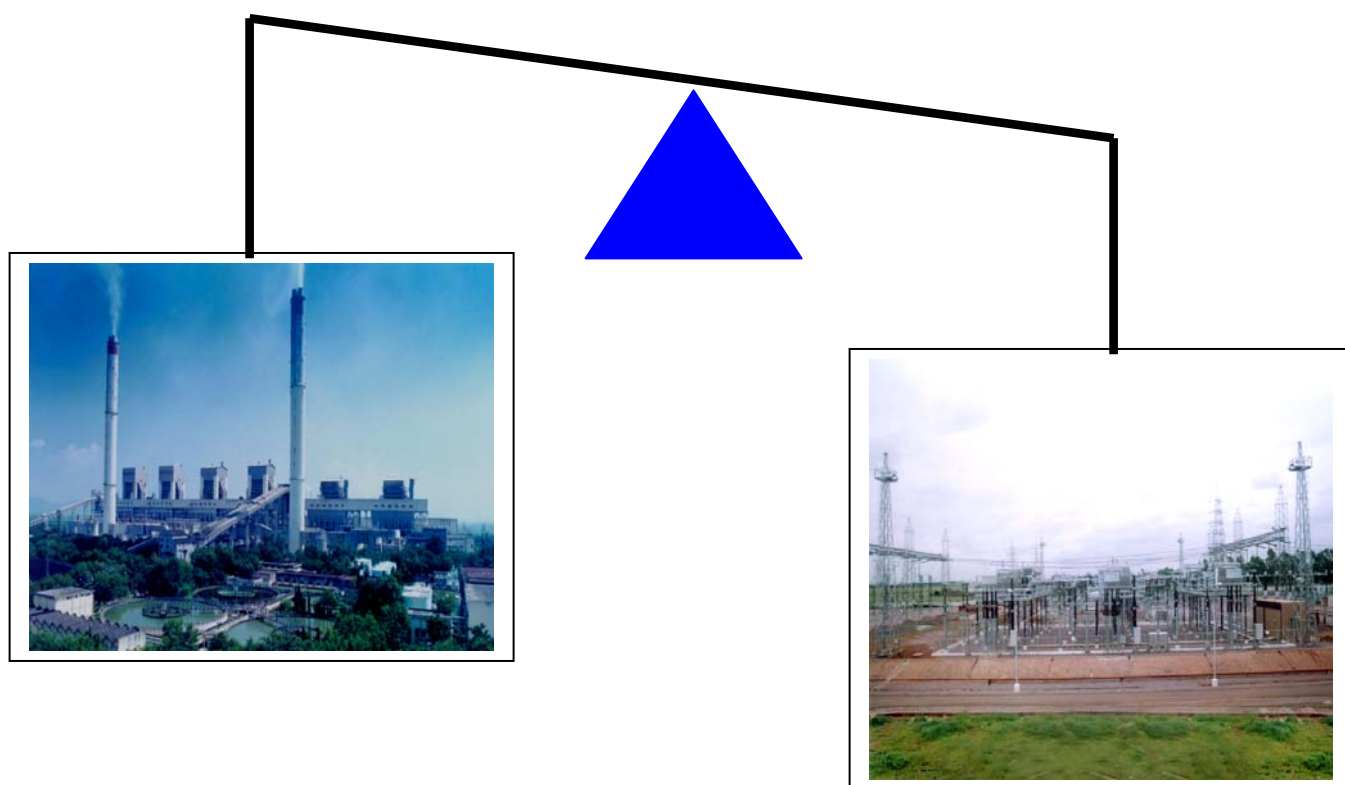




भारत उत्पादन संतुलन रिपोर्ट

Load Generation Balance Report

2012-13



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)



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A. S. Bakshi
Chairperson
Central Electricity Authority
& Ex-officio Secretary to
Government of India

Foreword

The annual Load Generation Balance Report (LGBR) for the year 2012-13 is the thirty first 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 2012-13 considering all India annual generation target of 930 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 2012-13.

During the year 2011-12, 11 nos. 765 kV lines in central sector, two no. 765 kV lines in state sector along-with 41 nos. 400 kV lines in central sector, 14 no. 400 kV line in state sector and 14 nos. lines in private sector have been commissioned. The commissioning of the above 765 kV and 400 kV transmission lines in different sector, the inter-state and intra-state capability of power transfer of the country have considerably enhanced. Efforts are also being made for enhanced capacity addition in the XII Five Year Plan. A generating capacity addition of 17,956 MW has been considered in the LGBR for 2012-13. 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
September, 2012


(A. S. Bakshi)



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

Preamble

The Load Generation Balance Report (LGBR) is brought out annually by Central Electricity Authority towards fulfillment 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 2012-13 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 2012-13. 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 B. K. Jain, Chief Engineer and Shri S. N. Kayal, Director in supervising the entire exercise and Shri N. Manjunatha, Deputy Director with Shri R K Meena, Assistant 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 2012-13 and the Member Secretaries of all the five RPCs along with their team for furnishing the requirement/ availability figures for 2012-13 after having detailed discussions with the constituents of the concerned region.

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

New Delhi
September, 2012

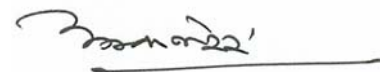

(Kaushal K. Agrawal)

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EXECUTIVE SUMMARY

EXECUTIVE SUMMARY

1. The assessment of the anticipated power supply position in the Country during the year 2012-13 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 17956 MW during the year 2012-13 comprising 15154 MW of thermal, 802 MW of hydro and 2000 MW of nuclear power stations has been considered. The gross energy generation in the country has been assessed as 930 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	299166	267495	-31672	-10.6	44953	39429	-5524	-12.3
Western	285541	286497	956	0.3	40659	39352	-1307	-3.2
Southern	277480	223271	-54209	-19.5	39614	29178	-10436	-26.3
Eastern	111159	105831	-5328	-4.8	17922	17966	44	0.3
North-Eastern	11970	10277	-1692	-14.1	2314	1807	-507	-21.9
All India	985317	893371	-91946	-9.3	140090	125234	-14856	-10.6

2. The energy availability and demand met includes injection from non-conventional energy sources and from CPPs.
3. The anticipated energy and peaking shortage in the country would be 8.0% and 10.6% respectively. The peaking shortage would prevail in all the regions varying from 3.2% in the Western region to 26.3% in the Southern region. There would be surplus energy of 0.3% in the Western region and all others regions would face energy shortage varying from 4.8% in the Eastern region to 19.5% in the Southern 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 2012-13**

State / Region	Energy				Peak			
	Requirement	Availability	Surplus(+)/Deficit (-)		Requirement	Availability	Surplus(+)/Deficit (-)	
	(MU)	(MU)	(MU)	(%)	(MW)	(MW)	(MW)	(%)
Chandigarh	1628	1749	121	7.4	300	291	-9	-3.0
Delhi	28604	34394	5790	20.2	5500	5486	-14	-0.3
Haryana	40296	41373	1077	2.7	7200	7000	-200	-2.8
Himachal Pradesh	8792	8675	-117	-1.3	1420	2164	744	52.4
Jammu & Kashmir	15353	11297	-4056	-26.4	2650	1996	-654	-24.7
Punjab	48881	39918	-8962	-18.3	10890	7216	-3674	-33.7
Rajasthan	57139	51006	-6133	-10.7	9200	8191	-1009	-11.0
Uttar Pradesh	87153	70509	-16644	-19.1	12500	10377	-2123	-17.0
Uttarakhand	11322	8573	-2749	-24.3	1692	1606	-86	-5.1
Northern Region	299166	267495	-31672	-10.6	44953	39429	-5524	-12.3
Chhattisgarh	23992	31222	7230	30.1	3215	3169	-46	-1.4
Gujarat	76752	72931	-3821	-5.0	11489	10760	-729	-6.4
Madhya Pradesh	52700	44758	-7942	-15.1	8500	7369	-1131	-13.3
Maharashtra	121120	106497	-14623	-12.1	18550	15798	-2752	-14.8
Daman & Diu	2451	2252	-199	-8.1	325	262	-63	-19.4
D.N. Haveli	5100	5621	521	10.2	630	621	-9	-1.4
Goa	3426	3075	-351	-10.3	480	418	-62	-12.9
Western Region	285541	286497	956	0.3	40659	39352	-1307	-3.2
Andhra Pradesh	99734	76979	-22755	-22.8	15127	10697	-4430	-29.3
Karnataka	62255	61422	-833	-1.3	8838	7535	-1303	-14.7
Kerala	19865	16876	-2989	-15.1	3680	2998	-682	-18.5
Tamil Nadu	92637	65260	-27377	-29.6	13427	9299	-4128	-30.7
Puducherry	2989	2734	-255	-8.5	468	374	-94	-20.1
Southern Region	277480	223271	-54209	-19.5	39614	29178	-10436	-26.3
Bihar	14550	11609	-2940	-20.2	2500	1726	-774	-31.0
DVC	18427	18959	532	2.9	2625	3040	415	15.8
Jharkhand	7486	6149	-1338	-17.9	1260	1005	-255	-20.2
Orissa	25798	24523	-1275	-4.9	3700	4168	468	12.6
West Bengal	44409	43674	-735	-1.7	7194	6980	-214	-3.0
Sikkim	489	917	428	87.5	120	161	41	34.2
Eastern Region	111159	105831	-5328	-4.8	17922	17966	44	0.3
Arunachal Pradesh	719	532	-187	-26.0	151	120	-31	-20.5
Assam	6490	5512	-978	-15.1	1262	987	-275	-21.8
Manipur	564	627	63	11.2	149	122	-27	-18.1
Meghalaya	2130	1696	-434	-20.4	515	358	-157	-30.5
Mizoram	441	418	-23	-5.2	96	74	-22	-22.9
Nagaland	615	459	-156	-25.4	148	89	-59	-39.9
Tripura	1011	1033	22	2.2	263	174	-89	-33.8
North-Eastern Region	11970	10277	-1692	-14.1	2314	1807	-507	-21.9
All India	985317	893371	-91946	-9.3	140090	125234	-14856	-10.6

Load Generation Balance Report for the Year 2012-13

Load Generation Balance Report for the Year 2012-13

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 2011-12

2.1 All India

During the year 2011-12, though the total ex-bus energy availability increased by 8.8% over the previous year and the peak met increased by 5.4%, the shortage conditions prevailed in the Country both in terms of energy and peaking availability as given below:

	<u>Energy (MU)</u>	<u>Peak (MW)</u>
Requirement	937,199	130,006
Availability	857,886	116,191
Shortage	79,313	13,815
(%)	8.5%	10.6%

The energy requirement registered a growth of 8.8% during the year against the projected growth of 8.3% and Peak demand registered a growth of 6.3% against the projected growth of 11.4%. 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 4.7% in the Eastern Region to 11.4% in the

Western Region. Region-wise picture in regard to actual power supply position in the country during the year 2011-12 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	276,121	258,382	-17,739	-6.4	40,248	37,117	-3,131	-7.8
Western	290,421	257,403	-33,018	-11.4	42,352	36,509	-5,843	-13.8
Southern	260,302	237,480	-22,822	8.8	37,599	32,188	-5,411	-14.4
Eastern	99,344	94,657	-4,687	-4.7	14,707	13,999	-7,08	-4.8
North-Eastern	11,011	9,964	-1,047	-9.5	1,920	1,782	-138	-7.2

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 2011-12 are given in **Annex - II**.

It may be seen that in the **Northern Region** Chandigarh, Delhi and Himachal Pradesh faced negligible energy shortage. Rajasthan, Haryana, Punjab and Uttarakhand experienced energy shortages in the range of 3-4% whereas the shortage in Uttar Pradesh was 11.3%. The maximum energy shortage in Northern Region was in Jammu & Kashmir and was 23.6%.

In the **Western Region**, Dadra & Nagar Haveli and Gujarat were faced negligible energy shortage. Chhattisgarh and Goa were faced energy shortage in the range of 1-3%. Daman & Diu faced energy shortages of 10.6%. Maharashtra faced energy shortage of 16.7% whereas the maximum energy shortage in Western Region was in Madhya Pradesh and was 16.9%.

In the **Southern Region**, Kerala, Andhra Pradesh and Puducherry faced energy shortages in the range of 1-7% whereas the shortage in Tamil Nadu was 10.5%. The maximum energy shortage in Southern Region was in Karnataka and was 11.2%.

In **Eastern Region**, Sikkim, West Bengal and Orissa faced negligible energy shortage. DVC and Jharkhand faced energy shortages in the range of 3-4%. The maximum energy shortage of 21.3% was faced by Bihar.

In the **North-Eastern Region**, Assam, Manipur, Tripura and Nagaland faced energy shortages in the range of 5-9%. The energy shortages witnessed in Mizoram was 10.6%. The maximum energy shortage in North-Eastern Region was in Meghalaya at

24.8%. 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 2011-12 are shown in **Annex-III**. It may also be seen that the Northern, Western, Southern, Eastern and North Eastern Regions faced peaking shortage of 7.8%, 13.8%, 14.4%, 4.8% and 7.2% respectively.

2.4 Month wise Actual Power Supply position during 2011-12

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 2011-12 was 64697 MU which was 23.7% 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 2011-12 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 2011-12 is given in **Annex-VI**.

3. REVIEW OF LGBR FOR THE YEAR 2011-12

3.1 All India

The forecast of all India energy requirement, energy availability, peak demand and peak met for the year 2011-12 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)	933,741	937,199	0.4
Energy Availability (MU)	837,374	857,886	2.4
Peak Demand (MW)	136,193	130,006	-4.5
Peak Demand Met (MW)	118,676	116,191	-2.1

The actual requirement of energy was higher than the forecast and the energy availability was also 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 2011-12 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)	279,581	276,121	-1.2
Energy Availability (MU)	249,145	258,382	3.7
Peak Demand (MW)	41,000	40,248	-1.8
Peak Demand Met (MW)	36,140	37,117	2.7

The forecast of energy requirement, energy availability, peak demand and peak met in the Northern Region for 2011-12 were quite close to the actual during the year. While the actual energy requirement and peak demand were lower by 1.2% and 1.8% respectively, the actual energy availability and peak met were higher by 3.7% and 2.7% respectively than the forecast. The actual energy shortage was 6.4% as compared to forecast figure of 10.9%. 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 only 0.3% energy shortage in Chandigarh against a forecasted shortage of 5.9%. Delhi had marginal shortage against projected surplus of 24.1%. Haryana had energy shortage of 3.6% which is lower than the forecasted figure of 6% 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 0.7% as against the anticipated energy surplus of 7.1% on account of sale of power

by Himachal Pradesh to other parts of the country. The actual shortage in case of Jammu & Kashmir was 23.6% against anticipated shortage of 25.3% due to lower energy availability than anticipated. In case of Punjab the actual energy shortage was 3.1% against a forecast of 14.1% on account of lower energy requirement. Rajasthan had marginal energy shortage of 3.9% against a forecast of 7%. Uttar Pradesh had energy shortage of 11.3% against a forecast of 23.6% due to lower requirement and higher availability than anticipated. Uttarakhand experienced a shortage of 2.9% against anticipated energy shortfall of 20.2% 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)	287757	290,421	0.9
Energy Availability (MU)	256237	257,403	0.5
Peak Demand (MW)	42422	42,352	-0.2
Peak Demand Met (MW)	37781	36,509	-3.4

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, energy availability were higher by 0.9%, 0.5%, respectively than the predicted figures whereas the actual Peak demand and peak met were lower by 0.2% and 3.4% respectively than the anticipated. The actual energy shortage in the Region was 11.4% as compared to forecasted figure of 11%. The actual peak demand of the Western Region was less than the anticipated due to higher 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 Chhattisgarh and D.N. Haveli 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 2.7% against forecast surplus of 17.3% due to higher energy requirement than the forecast. Gujarat had energy shortage of 0.4% against a forecast of 1.6%. Madhya Pradesh experienced actual energy shortage of 16.9% against a forecast of 19.4% due to lower energy availability. The actual energy shortage in Maharashtra was 16.7%, lower than the estimated energy shortage of 18.9%. In case of Goa, the

actual energy shortage was 1.4% against the anticipated energy shortage of 9.4%. Daman & Diu faced energy shortage of 10.6% than the anticipated energy shortage of 24.4% 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 nil.

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)	250,024	260,302	4.1
Energy Availability (MU)	223,814	237,480	6.1
Peak Demand (MW)	37,247	37,599	0.9
Peak Demand Met (MW)	31,859	32,188	1.0

The actual energy requirement, energy availability, peak demand and peak met in Southern Region were higher by 4.1%, 6.1%, 0.9% and 1% respectively than the predicted figures. The actual energy shortage in the Region was 8.8% as compared to forecast figure of 10.5%. 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 the 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 7.2% as against the anticipated shortage of 12.1%. The actual energy shortage in Karnataka was 11.2% as against the anticipated surplus of 4.8%, due to lower 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 2.1% as against the anticipated shortage of 12.3% due to lower energy requirement and higher energy availability than the forecast. The actual energy shortage in Tamil Nadu was 10.5% as against the anticipated shortage of 18% on account of higher availability than the forecast. The actual energy shortage in Puducherry was 1.4% as against the anticipated surplus of 4.8%.

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)	10,5461	99,344	-5.8
Energy Availability (MU)	97,294	94,657	-2.7
Peak Demand (MW)	17,171	14,707	-14.3
Peak Demand Met (MW)	15,185	13,999	-7.8

The actual energy requirement, energy availability, peak demand and peak met in Eastern Region during 2011-12 were lower than anticipated by 5.8%, 2.7%, 14.3% and 7.8% respectively. There was energy shortage of 4.7% in the Eastern Region against anticipated shortage of 7.7%. This was mainly due to higher 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 1.5% as against projected surplus of 90.5%. Odisha faced marginal actual energy shortage of 1.5% against anticipated energy shortage of 15.4%. The energy shortages in West Bengal, Jharkhand and Damodar Valley Corporation (DVC) were 1.0%, 4.0% and 3.8% as against projected shortage of 0.0%, 11.0% and 7.7% due to higher energy availability than anticipated. Bihar faced energy shortage of 21.3% against anticipated shortage of 18.2% due to higher 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)	10,918	11,011	0.8
Energy Availability (MU)	10,884	9,964	-8.5
Peak Demand (MW)	2,198	1,920	-12.6
Peak Demand Met (MW)	2,068	1,782	-13.8

The actual energy availability, peak demand and peak met in North Eastern Region during 2011-12 were lower than anticipated by 8.5%, 12.6% and 13.8% respectively

however; the actual energy requirement during the year was 0.8% more than anticipated. The actual energy shortage in the Region was 9.5% as compared to forecast figure of 0.3%. 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 Arunachal Pradesh, Assam, Manipur, Meghalaya, were respectively 7.8%, 5.6%, 8.3%, and 24.8% which were higher than the forecasted shortages of 1.1%, 0.8%, 0.9%, and 2.7% respectively. The main reason for higher energy shortages than the anticipated were higher actual energy requirement vis-à-vis the corresponding anticipated figures. The actual energy shortage in the case of Mizoram, and Tripura were 10.6% and 5.2% against anticipated surplus 4.2% and 13% respectively due to lower energy availability than the forecast. The lower energy availability was due to net export of power by Mizoram 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 2012-13

4.1 Overview

The exercise for anticipated power supply position in the country for the next year 2012-13 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 2012-13, indicate that there would be energy shortage of 9.3% and peak shortage of 10.6% in the country during 2012-13.

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 2012-13 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 2012-13 (as on 31/03/2012) 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 17956.3 MW during the year has been considered comprising as under:

<u>Category</u>	<u>Installed Capacity (MW)</u>
Thermal	15154.3
Hydro	802
Nuclear	2000
Total	17956.3

The details of the new generating units for benefits during 2012-13 along with the commissioning schedule are given in the **Annex-IX**. The gross energy generation target of 930 BU for the year 2012-13, fixed in consultation with the various generating companies and approved by Ministry of Power is detailed as under:

<u>Type</u>	<u>Generation Target (MU)</u>
Thermal	767275
Nuclear	35200
Hydro	122045
Bhutan Import	5480
Total	930000

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 31.03.2012 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 draws 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 2012-13 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 2012-13

4.4.1 All India

During the year 2012-13, there would be energy shortage of 9.3% and peak shortage of 10.6%. 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 2012-13

<u>Particulars</u>	<u>Energy (MU)</u>	<u>Peak (MW)</u>
Requirement	985317	140090
Availability	893371	125234
Surplus(+)/Shortage (-)	-91946	-14856
Surplus(+)/Shortage(-) %	-9.3%	-10.6%

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 2012-13 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	299166	267495	-31672	-10.6	44953	39429	-5524	-12.3
Western	285541	286497	956	0.3	40659	39352	-1307	-3.2
Southern	277480	223271	-54209	-19.5	39614	29178	-10436	-26.3
Eastern	111159	105831	-5328	-4.8	17922	17966	44	0.3
North-Eastern	11970	10277	-1692	-14.1	2314	1807	-507	-21.9
All India	985317	893371	-91946	-9.3	140090	125234	-14856	-10.6

It may be seen that all regions except Western region would face energy shortage varying from 4.8% in the Eastern region to 19.5% in the Southern region. The peaking shortage is to prevail in all the regions except Eastern Region varying from 3.2% in the Western region to 26.3% 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 2008-09, 2009-10, 2010-11 & 2011-12 along with forecasted demand patterns for 2012-13 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 25 States/UTs would have energy deficit and 29 States/UTs would have peak deficit of varying degrees. It may also be seen that 9 States/ UTs would have net surplus energy and 5 States/UTs would have peak surplus on annual basis.

Range	Number of States	
	Energy	Peak
<u>Deficit</u>		
Above 20%	8	13
10% - 20%	9	9
5% - 10%	4	2
0% - 5%	4	6
Total	25	30
<u>Surplus</u>		
Above 20%	2	2
10% - 20%	2	2
5% - 10%	1	0
0% - 5%	4	0
Total	9	4

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. DVC and Sikkim shall have both peaking and energy surplus on annual basis.

Chandigarh, Haryana, Chhattisgarh, DNH, Manipur and Tripura would have surplus in terms of energy whereas Himachal Pradesh and 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.

ANNEXES

Month wise power supply position of India in 2011-12

Year	Demand (MW)				Energy (MU)			
	Peak Demand	Demand Met	Surplus (+)/ Deficit (-)	(%) Surplus/ Deficit	Energy requirement	Availability	Surplus (+)/ Deficit (-)	(%) Surplus/ Deficit
Apr-11	122391	109625	-12766	-10.4	75129	69121	-6008	-8.0
May-11	122042	111163	-10879	-8.9	78346	73246	-5100	-6.5
Jun-11	121530	111198	-10332	-8.5	74054	70057	-3997	-5.4
Jul-11	124496	114233	-10263	-8.2	77782	74008	-3774	-4.9
Aug-11	121685	111848	-9837	-8.1	75904	72121	-3783	-5.0
Sep-11	127424	113676	-13748	-10.8	74716	69776	-4940	-6.6
Oct-11	127059	112173	-14886	-11.7	80661	71516	-9145	-11.3
Nov-11	124928	108996	-15932	-12.8	76807	67868	-8939	-11.6
Dec-11	125741	109209	-16532	-13.1	81626	72277	-9349	-11.5
Jan-12	125042	110469	-14573	-11.7	80232	72704	-7528	-9.4
Feb-12	130006	113851	-16155	-12.4	78064	69752	-8312	-10.6
Mar-12	128321	116191	-12130	-9.5	83878	75440	-8438	-10.1
Annual	130006	116191	-13815	-10.6	937199	857886	-79313	-8.5

<i>Annex - II</i> Actual power supply position in terms of energy requirement vis-à-vis energy availability of various States/ Systems during the year 2011-12				
Region / State / System	Requirement (MU)	Availability (MU)	Surplus / Deficit(-) (MU) (%)	
All India	937,199	857,886	-79,313	-8.5
Northern Region	276,121	258,382	-17,739	-6.4
Chandigarh	1,568	1,564	-4	-0.3
Delhi	26,751	26,674	-77	-0.3
Haryana	36,874	35,541	-1,333	-3.6
Himachal Pradesh	8,161	8,107	-54	-0.7
Jammu & Kashmir	14,250	10,889	-3,361	-23.6
Punjab	45,191	43,792	-1,399	-3.1
Rajasthan	51,474	49,491	-1,983	-3.9
Uttar Pradesh	81,339	72,116	-9,223	-11.3
Uttarakhand	10,513	10,208	-305	-2.9
Western Region	290,421	257,403	-33,018	-11.4
Chhattisgarh	15,013	14,615	-398	-2.7
Gujarat	74,696	74,429	-267	-0.4
Madhya Pradesh	49,785	41,392	-8,393	-16.9
Maharashtra	141,382	117,722	-23,660	-16.7
Daman & Diu	2,141	1,915	-226	-10.6
Dadra & Nagar Haveli	4,380	4,349	-31	-0.7
Goa	3,024	2,981	-43	-1.4
Southern Region	260,302	237,480	-22,822	-8.8
Andhra Pradesh	91,730	85,149	-6,581	-7.2
Karnataka	60,830	54,023	-6,807	-11.2
Kerala	19,890	19,467	-423	-2.1
Tamil Nadu	85,685	76,705	-8,980	-10.5
Puducherry	2,167	2,136	-31	-1.4
Eastern Region	99,344	94,657	-4,687	-4.7
Bihar	14,311	11,260	-3,051	-21.3
Damodar Valley Corporation	16,648	16,009	-639	-3.8
Jharkhand	6,280	6,030	-250	-4.0
Orissa	23,036	22,693	-343	-1.5
West Bengal	38,679	38,281	-398	-1.0
Sikkim	390	384	-6	-1.5
North-Eastern Region	11,011	9,964	-1,047	-9.5
Arunachal Pradesh	600	553	-47	-7.8
Assam	6,034	5,696	-338	-5.6
Manipur	544	499	-45	-8.3
Meghalaya	1,927	1,450	-477	-24.8
Mizoram	397	355	-42	-10.6
Nagaland	560	511	-49	-8.8
Tripura	949	900	-49	-5.2

<i>Annex - III</i> Actual power supply position in terms of peak demand vis-à-vis peak met of various States/ Systems during the year 2011-12				
Region / State / System	Peak Demand (MW)	Peak Met (MW)	Surplus / Deficit(-) (MW) (%)	
All India	130,006	116,191	-13,815	-10.6
Northern Region	40,248	37,117	-3,131	-7.8
Chandigarh	263	263	0	0.0
Delhi	5,031	5,028	-3	-0.1
Haryana	6,533	6,259	-274	-4.2
Himachal Pradesh	1,397	1,298	-99	-7.1
Jammu & Kashmir	2,385	1,789	-596	-25.0
Punjab	10,471	8,701	-1,770	-16.9
Rajasthan	8,188	7,605	-583	-7.1
Uttar Pradesh	12,038	11,767	-271	-2.3
Uttarakhand	1,612	1,600	-12	-0.7
Western Region	42,352	36,509	-5,843	-13.8
Chhattisgarh	3,239	3,093	-146	-4.5
Gujarat	10,951	10,759	-192	-1.8
Madhya Pradesh	9,151	8,505	-646	-7.1
Maharashtra	21,069	16,417	-4,652	-22.1
Daman & Diu	301	276	-25	-8.3
Dadra & Nagar Haveli	615	605	-10	-1.6
Goa	527	471	-56	-10.6
Southern Region	37,599	32,188	-5,411	-14.4
Andhra Pradesh	14,054	11,972	-2,082	-14.8
Karnataka	10,545	8,549	-1,996	-18.9
Kerala	3,516	3,337	-179	-5.1
Tamil Nadu	12,813	10,566	-2,247	-17.5
Puducherry	335	320	-15	-4.5
Eastern Region	14,707	13,999	-708	-4.8
Bihar	2,031	1,738	-293	-14.4
Damodar Valley Corporation	2,318	2,074	-244	-10.5
Jharkhand	1,030	868	-162	-15.7
Orissa	3,589	3,526	-63	-1.8
West Bengal	6,592	6,532	-60	-0.9
Sikkim	100	95	-5	-5.0
North-Eastern Region	1,920	1,782	-138	-7.2
Arunachal Pradesh	121	118	-3	-2.5
Assam	1,112	1,053	-59	-5.3
Manipur	116	115	-1	-0.9
Meghalaya	319	267	-52	-16.3
Mizoram	82	78	-4	-4.9
Nagaland	111	105	-6	-5.4
Tripura	215	214	-1	-0.5

Month wise power supply position of States/ UTs during the year 2011-12 (in terms of energy)													
State/ Region	Apr/11	May/11	Jun/11	Jul/11	Aug/11	Sep/11	Oct/11	Nov/11	Dec/11	Jan/12	Feb/12	Mar/12	2011-12
Chandigarh													
Requirememnt (MU)	116	169	163	163	154	148	123	101	107	112	103	109	1568
Availability (MU)	116	169	163	163	154	148	122	100	105	112	103	109	1564
Surplus(+)/Deficit (-) (MU)	0	0	0	0	0	0	-1	-1	-2	0	0	0	-4
(%)	0.0	0.0	0.0	0.0	0.0	0.0	-0.8	-1.0	-1.9	0.0	0.0	0.0	-0.3
Delhi													
Requirememnt (MU)	2041	2716	2774	2883	2670	2585	2164	1759	1783	1924	1705	1747	26751
Availability (MU)	2040	2713	2771	2881	2666	2580	2132	1757	1770	1917	1702	1745	26674
Surplus(+)/Deficit (-) (MU)	-1	-3	-3	-2	-4	-5	-32	-2	-13	-7	-3	-2	-77
(%)	0.0	-0.1	-0.1	-0.1	-0.1	-0.2	-1.5	-0.1	-0.7	-0.4	-0.2	-0.1	-0.3
Haryana													
Requirememnt (MU)	2274	2829	3250	4029	3679	3338	3441	2694	2741	2936	2839	2824	36874
Availability (MU)	2171	2761	3218	3998	3616	3211	3044	2412	2627	2845	2825	2813	35541
Surplus(+)/Deficit (-) (MU)	-103	-68	-32	-31	-63	-127	-397	-282	-114	-91	-14	-11	-1333
(%)	-4.5	-2.4	-1.0	-0.8	-1.7	-3.8	-11.5	-10.5	-4.2	-3.1	-0.5	-0.4	-3.6
Himachal Pradesh													
Requirememnt (MU)	625	704	680	686	646	667	667	660	731	719	688	688	8161
Availability (MU)	622	703	678	684	642	654	661	641	696	753	685	688	8107
Surplus(+)/Deficit (-) (MU)	-3	-1	-2	-2	-4	-13	-6	-19	-35	34	-3	0	-54
(%)	-0.5	-0.1	-0.3	-0.3	-0.6	-1.9	-0.9	-2.9	-4.8	4.7	-0.4	0.0	-0.7
Jammu & Kashmir													
Requirememnt (MU)	1168	1154	1071	833	1074	1148	1207	1259	1366	1368	1276	1326	14250
Availability (MU)	876	866	801	828	805	861	905	945	1025	1026	957	994	10889
Surplus(+)/Deficit (-) (MU)	-292	-288	-270	-5	-269	-287	-302	-314	-341	-342	-319	-332	-3361
(%)	-25.0	-25.0	-25.2	-0.6	-25.0	-25.0	-25.0	-24.9	-25.0	-25.0	-25.0	-25.0	-23.6
Punjab													
Requirememnt (MU)	2939	3991	4442	5707	5189	4574	3749	2613	2893	2828	3007	3259	45191
Availability (MU)	2885	3930	4382	5554	5016	4374	3560	2510	2710	2755	2923	3193	43792
Surplus(+)/Deficit (-) (MU)	-54	-61	-60	-153	-173	-200	-189	-103	-183	-73	-84	-66	-1399
(%)	-1.8	-1.5	-1.4	-2.7	-3.3	-4.4	-5.0	-3.9	-6.3	-2.6	-2.8	-2.0	-3.1
Rajasthan													
Requirememnt (MU)	3929	4125	3965	3880	3511	3348	4208	4812	4980	4997	4782	4937	51474
Availability (MU)	3905	4120	3943	3834	3462	3207	3706	4392	4719	4770	4613	4820	49491
Surplus(+)/Deficit (-) (MU)	-24	-5	-22	-46	-49	-141	-502	-420	-261	-227	-169	-117	-1983
(%)	-0.6	-0.1	-0.6	-1.2	-1.4	-4.2	-11.9	-8.7	-5.2	-4.5	-3.5	-2.4	-3.9

Month wise power supply position of States/ UTs during the year 2011-12 (in terms of energy)													
State/ Region	Apr/11	May/11	Jun/11	Jul/11	Aug/11	Sep/11	Oct/11	Nov/11	Dec/11	Jan/12	Feb/12	Mar/12	2011-12
Uttar Pradesh													
Requirememnt (MU)	6179	6598	6427	7162	6886	7012	6999	6379	6943	6968	6801	6985	81339
Availability (MU)	5447	6125	5912	6732	6194	6251	5827	5542	5881	6032	5947	6226	72116
Surplus(+)/Deficit (-) (MU)	-732	-473	-515	-430	-692	-761	-1172	-837	-1062	-936	-854	-759	-9223
(%)	-11.8	-7.2	-8.0	-6.0	-10.0	-10.9	-16.7	-13.1	-15.3	-13.4	-12.6	-10.9	-11.3
Uttarakhand													
Requirememnt (MU)	841	902	880	920	826	869	857	821	877	947	889	884	10513
Availability (MU)	790	877	863	912	812	844	797	813	853	945	849	853	10208
Surplus(+)/Deficit (-) (MU)	-51	-25	-17	-8	-14	-25	-60	-8	-24	-2	-40	-31	-305
(%)	-6.1	-2.8	-1.9	-0.9	-1.7	-2.9	-7.0	-1.0	-2.7	-0.2	-4.5	-3.5	-2.9
Northern Region													
Requirememnt (MU)	20112	23188	23652	26263	24635	23689	23415	21098	22421	22799	22090	22759	276121
Availability (MU)	18852	22264	22731	25586	23367	22130	20754	19112	20386	21155	20604	21441	258382
Surplus(+)/Deficit (-) (MU)	-1260	-924	-921	-677	-1268	-1559	-2661	-1986	-2035	-1644	-1486	-1318	-17739
(%)	-6.3	-4.0	-3.9	-2.6	-5.1	-6.6	-11.4	-9.4	-9.1	-7.2	-6.7	-5.8	-6.4
Chhattisgarh													
Requirememnt (MU)	1162	1177	975	1195	1382	1241	1419	1178	1291	1198	1303	1492	15013
Availability (MU)	1140	1163	955	1165	1364	1192	1356	1127	1224	1173	1277	1479	14615
Surplus(+)/Deficit (-) (MU)	-22	-14	-20	-30	-18	-49	-63	-51	-67	-25	-26	-13	-398
(%)	-1.9	-1.2	-2.1	-2.5	-1.3	-3.9	-4.4	-4.3	-5.2	-2.1	-2.0	-0.9	-2.7
Gujarat													
Requirememnt (MU)	6479	6703	6490	5736	5234	5261	6783	6611	6622	6241	5871	6665	74696
Availability (MU)	6457	6693	6486	5692	5227	5245	6732	6578	6595	6224	5851	6649	74429
Surplus(+)/Deficit (-) (MU)	-22	-10	-4	-44	-7	-16	-51	-33	-27	-17	-20	-16	-267
(%)	-0.3	-0.1	-0.1	-0.8	-0.1	-0.3	-0.8	-0.5	-0.4	-0.3	-0.3	-0.2	-0.4
Madhya Pradesh													
Requirememnt (MU)	4048	3999	3111	3040	2965	2961	4350	5287	5919	5143	4607	4355	49785
Availability (MU)	3290	3335	2775	2705	2782	2857	3458	4202	4702	4233	3596	3457	41392
Surplus(+)/Deficit (-) (MU)	-758	-664	-336	-335	-183	-104	-892	-1085	-1217	-910	-1011	-898	-8393
(%)	-18.7	-16.6	-10.8	-11.0	-6.2	-3.5	-20.5	-20.5	-20.6	-17.7	-21.9	-20.6	-16.9
Maharashtra													
Requirememnt (MU)	12217	12528	10616	10219	10266	10055	12140	12829	14016	12998	11806	11692	141382
Availability (MU)	10256	10490	9220	8853	9001	8591	9638	9899	11083	10703	9607	10381	117722
Surplus(+)/Deficit (-) (MU)	-1961	-2038	-1396	-1366	-1265	-1464	-2502	-2930	-2933	-2295	-2199	-1311	-23660
(%)	-16.1	-16.3	-13.1	-13.4	-12.3	-14.6	-20.6	-22.8	-20.9	-17.7	-18.6	-11.2	-16.7

Month wise power supply position of States/ UTs during the year 2011-12 (in terms of energy)													
State/ Region	Apr/11	May/11	Jun/11	Jul/11	Aug/11	Sep/11	Oct/11	Nov/11	Dec/11	Jan/12	Feb/12	Mar/12	2011-12
Daman & Diu													
Requirement (MU)	187	187	189	198	189	177	151	163	195	191	156	158	2141
Availability (MU)	168	168	171	179	170	158	132	144	176	172	138	139	1915
Surplus(+)/Deficit (-) (MU)	-19	-19	-18	-19	-19	-19	-19	-19	-19	-19	-18	-19	-226
(%)	-10.2	-10.2	-9.5	-9.6	-10.1	-10.7	-12.6	-11.7	-9.7	-9.9	-11.5	-12.0	-10.6
D.N.Haveli													
Requirement (MU)	368	358	383	395	396	355	315	343	417	416	322	312	4380
Availability (MU)	368	357	381	391	393	352	307	336	415	416	322	311	4349
Surplus(+)/Deficit (-) (MU)	0	-1	-2	-4	-3	-3	-8	-7	-2	0	0	-1	-31
(%)	0.0	-0.3	-0.5	-1.0	-0.8	-0.8	-2.5	-2.0	-0.5	0.0	0.0	-0.3	-0.7
Goa													
Requirement (MU)	283	301	247	246	247	224	224	242	275	267	221	247	3024
Availability (MU)	279	297	246	246	247	221	220	239	268	259	219	240	2981
Surplus(+)/Deficit (-) (MU)	-4	-4	-1	0	0	-3	-4	-3	-7	-8	-2	-7	-43
(%)	-1.4	-1.3	-0.4	0.0	0.0	-1.3	-1.8	-1.2	-2.5	-3.0	-0.9	-2.8	-1.4
Western Region													
Requirement (MU)	24744	25253	22011	21029	20679	20274	25382	26653	28735	26454	24286	24921	290421
Availability (MU)	21958	22503	20234	19231	19184	18616	21843	22525	24463	23180	21010	22656	257403
Surplus(+)/Deficit (-) (MU)	-2786	-2750	-1777	-1798	-1495	-1658	-3539	-4128	-4272	-3274	-3276	-2265	-33018
(%)	-11.3	-10.9	-8.1	-8.6	-7.2	-8.2	-13.9	-15.5	-14.9	-12.4	-13.5	-9.1	-11.4
Andhra Pradesh													
Requirement (MU)	7697	7023	6596	7035	7233	7593	8326	7576	7613	7406	7998	9634	91730
Availability (MU)	7209	6956	6497	6878	7165	7173	7106	6743	6682	7125	7394	8221	85149
Surplus(+)/Deficit (-) (MU)	-488	-67	-99	-157	-68	-420	-1220	-833	-931	-281	-604	-1413	-6581
(%)	-6.3	-1.0	-1.5	-2.2	-0.9	-5.5	-14.7	-11.0	-12.2	-3.8	-7.6	-14.7	-7.2
Karnataka													
Requirement (MU)	4849	4838	4207	4552	4552	4695	4745	5063	5517	5739	5657	6416	60830
Availability (MU)	4473	4463	3859	4175	4228	4265	4082	4280	4803	4982	4932	5481	54023
Surplus(+)/Deficit (-) (MU)	-376	-375	-348	-377	-324	-430	-663	-783	-714	-757	-725	-935	-6807
(%)	-7.8	-7.8	-8.3	-8.3	-7.1	-9.2	-14.0	-15.5	-12.9	-13.2	-12.8	-14.6	-11.2
Kerala													
Requirement (MU)	1619	1757	1500	1540	1569	1534	1691	1610	1721	1730	1686	1933	19890
Availability (MU)	1585	1726	1470	1517	1550	1511	1638	1577	1682	1680	1643	1888	19467
Surplus(+)/Deficit (-) (MU)	-34	-31	-30	-23	-19	-23	-53	-33	-39	-50	-43	-45	-423
(%)	-2.1	-1.8	-2.0	-1.5	-1.2	-1.5	-3.1	-2.0	-2.3	-2.9	-2.6	-2.3	-2.1

Month wise power supply position of States/ UTs during the year 2011-12 (in terms of energy)													
State/ Region	Apr/11	May/11	Jun/11	Jul/11	Aug/11	Sep/11	Oct/11	Nov/11	Dec/11	Jan/12	Feb/12	Mar/12	2011-12
Tamil Nadu													
Requirement (MU)	7076	7088	7108	7576	7454	6961	7563	6093	6732	6882	7200	7952	85685
Availability (MU)	6491	6566	6686	7237	7252	6654	7037	5342	5929	5940	5591	5980	76705
Surplus(+)/Deficit (-) (MU)	-585	-522	-422	-339	-202	-307	-526	-751	-803	-942	-1609	-1972	-8980
(%)	-8.3	-7.4	-5.9	-4.5	-2.7	-4.4	-7.0	-12.3	-11.9	-13.7	-22.3	-24.8	-10.5
Puducherry													
Requirement (MU)	188	201	188	198	189	189	180	156	164	145	170	199	2167
Availability (MU)	185	200	187	194	189	186	171	154	162	144	168	196	2136
Surplus(+)/Deficit (-) (MU)	-3	-1	-1	-4	0	-3	-9	-2	-2	-1	-2	-3	-31
(%)	-1.6	-0.5	-0.5	-2.0	0.0	-1.6	-5.0	-1.3	-1.2	-0.7	-1.2	-1.5	-1.4
Southern Region													
Requirement (MU)	21429	20907	19599	20901	20997	20972	22505	20498	21747	21902	22711	26134	260302
Availability (MU)	19943	19911	18699	20001	20384	19789	20034	18096	19258	19871	19728	21766	237480
Surplus(+)/Deficit (-) (MU)	-1486	-996	-900	-900	-613	-1183	-2471	-2402	-2489	-2031	-2983	-4368	-22822
(%)	-6.9	-4.8	-4.6	-4.3	-2.9	-5.6	-11.0	-11.7	-11.4	-9.3	-13.1	-16.7	-8.8
Bihar													
Requirement (MU)	883	958	1098	1255	1306	1350	1322	1246	1185	1241	1207	1260	14311
Availability (MU)	713	785	821	977	1028	1056	1036	963	902	962	927	1090	11260
Surplus(+)/Deficit (-) (MU)	-170	-173	-277	-278	-278	-294	-286	-283	-283	-279	-280	-170	-3051
(%)	-19.3	-18.1	-25.2	-22.2	-21.3	-21.8	-21.6	-22.7	-23.9	-22.5	-23.2	-13.5	-21.3
DVC													
Requirement (MU)	1426	1428	1227	1363	1318	1302	1283	1273	1447	1568	1436	1577	16648
Availability (MU)	1263	1292	1223	1358	1313	1278	1270	1262	1362	1488	1379	1521	16009
Surplus(+)/Deficit (-) (MU)	-163	-136	-4	-5	-5	-24	-13	-11	-85	-80	-57	-56	-639
(%)	-11.4	-9.5	-0.3	-0.4	-0.4	-1.8	-1.0	-0.9	-5.9	-5.1	-4.0	-3.6	-3.8
Jharkhand													
Requirement (MU)	522	498	424	507	517	517	524	523	543	567	539	599	6280
Availability (MU)	485	484	417	499	510	503	515	515	537	532	501	532	6030
Surplus(+)/Deficit (-) (MU)	-37	-14	-7	-8	-7	-14	-9	-8	-6	-35	-38	-67	-250
(%)	-7.1	-2.8	-1.7	-1.6	-1.4	-2.7	-1.7	-1.5	-1.1	-6.2	-7.1	-11.2	-4.0
Odisha													
Requirement (MU)	1937	1922	1788	1879	1877	2184	1837	1835	1819	1837	2021	2100	23036
Availability (MU)	1928	1922	1782	1872	1871	2143	1817	1820	1804	1774	1940	2020	22693
Surplus(+)/Deficit (-) (MU)	-9	0	-6	-7	-6	-41	-20	-15	-15	-63	-81	-80	-343
(%)	-0.5	0.0	-0.3	-0.4	-0.3	-1.9	-1.1	-0.8	-0.8	-3.4	-4.0	-3.8	-1.5

Month wise power supply position of States/ UTs during the year 2011-12 (in terms of energy)													
State/ Region	Apr/11	May/11	Jun/11	Jul/11	Aug/11	Sep/11	Oct/11	Nov/11	Dec/11	Jan/12	Feb/12	Mar/12	2011-12
West Bengal													
Requirement (MU)	3220	3269	3286	3543	3503	3397	3398	2779	2819	2930	2901	3634	38679
Availability (MU)	3200	3262	3273	3529	3490	3317	3345	2738	2741	2894	2884	3608	38281
Surplus(+)/Deficit (-) (MU)	-20	-7	-13	-14	-13	-80	-53	-41	-78	-36	-17	-26	-398
(%)	-0.6	-0.2	-0.4	-0.4	-0.4	-2.4	-1.6	-1.5	-2.8	-1.2	-0.6	-0.7	-1.0
Sikkim													
Requirement (MU)	30	29	28	30	30	26	27	38	38	40	38	36	390
Availability (MU)	30	29	27	30	30	25	26	37	38	40	37	35	384
Surplus(+)/Deficit (-) (MU)	0	0	-1	0	0	-1	-1	-1	0	0	-1	-1	-6
(%)	0.0	0.0	-3.6	0.0	0.0	-3.8	-3.7	-2.6	0.0	0.0	-2.6	-2.8	-1.5
Eastern Region													
Requirement (MU)	8018	8104	7851	8577	8551	8776	8391	7694	7851	8183	8142	9206	99344
Availability (MU)	7619	7774	7543	8265	8242	8322	8009	7335	7384	7690	7668	8806	94657
Surplus(+)/Deficit (-) (MU)	-399	-330	-308	-312	-309	-454	-382	-359	-467	-493	-474	-400	-4687
(%)	-5.0	-4.1	-3.9	-3.6	-3.6	-5.2	-4.6	-4.7	-5.9	-6.0	-5.8	-4.3	-4.7
Arunachal Pradesh													
Requirement (MU)	41	45	45	55	53	50	46	53	59	58	47	48	600
Availability (MU)	36	41	42	51	48	45	42	49	55	54	44	46	553
Surplus(+)/Deficit (-) (MU)	-5	-4	-3	-4	-5	-5	-4	-4	-4	-4	-3	-2	-47
(%)	-12.2	-8.9	-6.7	-7.3	-9.4	-10.0	-8.7	-7.5	-6.8	-6.9	-6.4	-4.2	-7.8
Assam													
Requirement (MU)	443	491	533	565	587	576	530	460	452	476	448	473	6034
Availability (MU)	424	463	505	532	553	545	499	439	420	453	418	445	5696
Surplus(+)/Deficit (-) (MU)	-19	-28	-28	-33	-34	-31	-31	-21	-32	-23	-30	-28	-338
(%)	-4.3	-5.7	-5.3	-5.8	-5.8	-5.4	-5.8	-4.6	-7.1	-4.8	-6.7	-5.9	-5.6
Manipur													
Requirement (MU)	45	43	42	48	49	48	53	55	54	38	36	33	544
Availability (MU)	40	38	38	44	44	44	50	52	50	35	33	31	499
Surplus(+)/Deficit (-) (MU)	-5	-5	-4	-4	-5	-4	-3	-3	-4	-3	-3	-2	-45
(%)	-11.1	-11.6	-9.5	-8.3	-10.2	-8.3	-5.7	-5.5	-7.4	-7.9	-8.3	-6.1	-8.3
Meghalaya													
Requirement (MU)	141	162	161	172	178	164	168	151	150	165	153	162	1927
Availability (MU)	108	113	120	139	136	129	125	123	114	120	107	116	1450
Surplus(+)/Deficit (-) (MU)	-33	-49	-41	-33	-42	-35	-43	-28	-36	-45	-46	-46	-477
(%)	-23.4	-30.2	-25.5	-19.2	-23.6	-21.3	-25.6	-18.5	-24.0	-27.3	-30.1	-28.4	-24.8

Month wise power supply position of States/ UTs during the year 2011-12 (in terms of energy)													
State/ Region	Apr/11	May/11	Jun/11	Jul/11	Aug/11	Sep/11	Oct/11	Nov/11	Dec/11	Jan/12	Feb/12	Mar/12	2011-12
Mizoram													
Requirememnt (MU)	34	33	32	33	32	29	28	36	39	38	34	29	397
Availability (MU)	30	29	27	30	29	26	25	33	35	35	30	26	355
Surplus(+)/Deficit (-) (MU)	-4	-4	-5	-3	-3	-3	-3	-3	-4	-3	-4	-3	-42
(%)	-11.8	-12.1	-15.6	-9.1	-9.4	-10.3	-10.7	-8.3	-10.3	-7.9	-11.8	-10.3	-10.6
Nagaland													
Requirememnt (MU)	48	46	49	53	57	52	51	40	41	42	46	35	560
Availability (MU)	41	41	43	48	53	49	48	38	39	37	42	32	511
Surplus(+)/Deficit (-) (MU)	-7	-5	-6	-5	-4	-3	-3	-2	-2	-5	-4	-3	-49
(%)	-14.6	-10.9	-12.2	-9.4	-7.0	-5.8	-5.9	-5.0	-4.9	-11.9	-8.7	-8.6	-8.8
Tripura													
Requirememnt (MU)	74	74	79	86	86	86	92	69	77	77	71	78	949
Availability (MU)	70	69	75	81	81	81	87	66	73	74	68	75	900
Surplus(+)/Deficit (-) (MU)	-4	-5	-4	-5	-5	-5	-5	-3	-4	-3	-3	-3	-49
(%)	-5.4	-6.8	-5.1	-5.8	-5.8	-5.8	-5.4	-4.3	-5.2	-3.9	-4.2	-3.8	-5.2
North-Eastern Region													
Requirememnt (MU)	826	894	941	1012	1042	1005	968	864	872	894	835	858	11011
Availability (MU)	749	794	850	925	944	919	876	800	786	808	742	771	9964
Surplus(+)/Deficit (-) (MU)	-77	-100	-91	-87	-98	-86	-92	-64	-86	-86	-93	-87	-1047
(%)	-9.3	-11.2	-9.7	-8.6	-9.4	-8.6	-9.5	-7.4	-9.9	-9.6	-11.1	-10.1	-9.5

Month wise power supply position of States/ UTs during the year 2011-12 (in terms of peak demand)													
State/ Region	Apr/11	May/11	Jun/11	Jul/11	Aug/11	Sep/11	Oct/11	Nov/11	Dec/11	Jan/12	Feb/12	Mar/12	2011-12
Chandigarh													
Peak Demand (MW)	235	263	263	263	263	262	248	150	208	173	168	168	263
Peak Availability (MW)	235	263	263	263	263	262	248	150	208	173	168	168	263
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)	4070	4845	5014	4819	5031	4713	3991	3294	3619	4193	3665	3359	5031
Peak Availability (MW)	4066	4823	4994	4819	5028	4713	3919	3294	3619	3934	3608	3316	5028
Surplus(+)/Deficit (-) (MW)	-4	-22	-20	0	-3	0	-72	0	0	-259	-57	-43	-3
(%)	-0.1	-0.5	-0.4	0.0	-0.1	0.0	-1.8	0.0	0.0	-6.2	-1.6	-1.3	-0.1
Haryana													
Peak Demand (MW)	5069	5289	6411	6533	6480	6067	5914	5041	4985	5609	5448	5352	6533
Peak Availability (MW)	4532	5124	6186	6259	6147	5864	5204	4927	4727	5273	5343	5277	6259
Surplus(+)/Deficit (-) (MW)	-537	-165	-225	-274	-333	-203	-710	-114	-258	-336	-105	-75	-274
(%)	-10.6	-3.1	-3.5	-4.2	-5.1	-3.3	-12.0	-2.3	-5.2	-6.0	-1.9	-1.4	-4.2
Himachal Pradesh													
Peak Demand (MW)	1141	1096	1088	1183	1123	1279	1194	1238	1333	1335	1397	1259	1397
Peak Availability (MW)	1141	1096	1088	1139	1122	1161	1194	1238	1249	1295	1298	1148	1298
Surplus(+)/Deficit (-) (MW)	0	0	0	-44	-1	-118	0	0	-84	-40	-99	-111	-99
(%)	0.0	0.0	0.0	-3.7	-0.1	-9.2	0.0	0.0	-6.3	-3.0	-7.1	-8.8	-7.1
Jammu & Kashmir													
Peak Demand (MW)	2250	2250	2250	2250	2250	2237	2300	2350	2253	2361	2385	2000	2385
Peak Availability (MW)	1439	1469	1474	1545	1560	1632	1589	1630	1690	1771	1789	1708	1789
Surplus(+)/Deficit (-) (MW)	-811	-781	-776	-705	-690	-605	-711	-720	-563	-590	-596	-292	-596
(%)	-36.0	-34.7	-34.5	-31.3	-30.7	-27.0	-30.9	-30.6	-25.0	-25.0	-25.0	-14.6	-25.0
Punjab													
Peak Demand (MW)	5925	6965	9159	10406	10471	8273	7596	5029	5713	5393	5846	5732	10471
Peak Availability (MW)	5925	6965	8466	8701	8274	7801	7171	4850	5534	5271	5762	5559	8701
Surplus(+)/Deficit (-) (MW)	0	0	-693	-1705	-2197	-472	-425	-179	-179	-122	-84	-173	-1770
(%)	0.0	0.0	-7.6	-16.4	-21.0	-5.7	-5.6	-3.6	-3.1	-2.3	-1.4	-3.0	-16.9
Rajasthan													
Peak Demand (MW)	6452	6800	7054	6736	6443	7536	7627	8188	7556	7555	7779	7827	8188
Peak Availability (MW)	6423	6768	6656	6399	6183	5526	6589	5893	6884	7519	7545	7605	7605
Surplus(+)/Deficit (-) (MW)	-29	-32	-398	-337	-260	-2010	-1038	-2295	-672	-36	-234	-222	-583
(%)	-0.4	-0.5	-5.6	-5.0	-4.0	-26.7	-13.6	-28.0	-8.9	-0.5	-3.0	-2.8	-7.1

Month wise power supply position of States/ UTs during the year 2011-12 (in terms of peak demand)													
State/ Region	Apr/11	May/11	Jun/11	Jul/11	Aug/11	Sep/11	Oct/11	Nov/11	Dec/11	Jan/12	Feb/12	Mar/12	2011-12
Uttar Pradesh													
Peak Demand (MW)	11211	11445	11080	11488	12038	11821	11718	10286	11706	10722	11358	11977	12038
Peak Availability (MW)	10081	10537	10439	10857	10885	10447	11616	9217	8961	9482	10318	11767	11767
Surplus(+)/Deficit (-) (MW)	-1130	-908	-641	-631	-1153	-1374	-102	-1069	-2745	-1240	-1040	-210	-271
(%)	-10.1	-7.9	-5.8	-5.5	-9.6	-11.6	-0.9	-10.4	-23.4	-11.6	-9.2	-1.8	-2.3
Uttarakhand													
Peak Demand (MW)	1446	1533	1566	1506	1529	1526	1517	1506	1586	1612	1600	1506	1612
Peak Availability (MW)	1409	1366	1517	1361	1429	1427	1412	1496	1586	1532	1600	1506	1600
Surplus(+)/Deficit (-) (MW)	-37	-167	-49	-145	-100	-99	-105	-10	0	-80	0	0	-12
(%)	-2.6	-10.9	-3.1	-9.6	-6.5	-6.5	-6.9	-0.7	0.0	-5.0	0.0	0.0	-0.7
Northern Region													
Peak Demand (MW)	33484	35470	36936	39432	40248	38521	35473	33216	35518	36274	36682	33383	40248
Peak Availability (MW)	30430	33357	34575	37117	36701	35044	31662	30384	32002	33087	33167	31870	37117
Surplus(+)/Deficit (-) (MW)	-3054	-2113	-2361	-2315	-3547	-3477	-3811	-2832	-3516	-3187	-3515	-1513	-3131
(%)	-9.1	-6.0	-6.4	-5.9	-8.8	-9.0	-10.7	-8.5	-9.9	-8.8	-9.6	-4.5	-7.8
Chhattisgarh													
Peak Demand (MW)	3239	2700	2775	2984	2810	2754	3039	2694	2775	2585	2935	3214	3239
Peak Availability (MW)	2745	2623	2520	2736	2739	2480	2851	2694	2678	2510	2847	3093	3093
Surplus(+)/Deficit (-) (MW)	-494	-77	-255	-248	-71	-274	-188	0	-97	-75	-88	-121	-146
(%)	-15.3	-2.9	-9.2	-8.3	-2.5	-9.9	-6.2	0.0	-3.5	-2.9	-3.0	-3.8	-4.5
Gujarat													
Peak Demand (MW)	10049	10035	10292	10550	8707	9936	10951	10446	10228	9862	9774	10635	10951
Peak Availability (MW)	9836	9915	10221	10203	8637	9785	10759	10288	10070	9679	9638	10492	10759
Surplus(+)/Deficit (-) (MW)	-213	-120	-71	-347	-70	-151	-192	-158	-158	-183	-136	-143	-192
(%)	-2.1	-1.2	-0.7	-3.3	-0.8	-1.5	-1.8	-1.5	-1.5	-1.9	-1.4	-1.3	-1.8
Madhya Pradesh													
Peak Demand (MW)	7442	7097	6618	5651	5667	6512	9151	8813	8843	8861	8874	8905	9151
Peak Availability (MW)	7290	6004	5737	5116	5322	5937	7842	7495	7368	7695	7416	8505	8505
Surplus(+)/Deficit (-) (MW)	-152	-1093	-881	-535	-345	-575	-1309	-1318	-1475	-1166	-1458	-400	-646
(%)	-2.0	-15.4	-13.3	-9.5	-6.1	-8.8	-14.3	-15.0	-16.7	-13.2	-16.4	-4.5	-7.1
Maharashtra													
Peak Demand (MW)	19592	20072	18801	18122	18115	20119	20595	20978	21069	19550	19697	19640	21069
Peak Availability (MW)	16340	16058	16075	15028	14903	14882	15632	15901	15766	15366	16417	16151	16417
Surplus(+)/Deficit (-) (MW)	-3252	-4014	-2726	-3094	-3212	-5237	-4963	-5077	-5303	-4184	-3280	-3489	-4652
(%)	-16.6	-20.0	-14.5	-17.1	-17.7	-26.0	-24.1	-24.2	-25.2	-21.4	-16.7	-17.8	-22.1

Month wise power supply position of States/ UTs during the year 2011-12 (in terms of peak demand)													
State/ Region	Apr/11	May/11	Jun/11	Jul/11	Aug/11	Sep/11	Oct/11	Nov/11	Dec/11	Jan/12	Feb/12	Mar/12	2011-12
Daman & Diu													
Peak Demand (MW)	273	294	284	301	297	294	294	283	284	283	284	284	301
Peak Availability (MW)	248	269	259	276	272	269	269	258	259	258	259	259	276
Surplus(+)/Deficit (-) (MW)	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
(%)	-9.2	-8.5	-8.8	-8.3	-8.4	-8.5	-8.5	-8.8	-8.8	-8.8	-8.8	-8.8	-8.3
D.N.Haveli													
Peak Demand (MW)	511	501	572	572	615	615	584	578	580	587	569	577	615
Peak Availability (MW)	511	501	547	562	605	605	574	568	580	587	569	577	605
Surplus(+)/Deficit (-) (MW)	0	0	-25	-10	-10	-10	-10	-10	0	0	0	0	-10
(%)	0.0	0.0	-4.4	-1.7	-1.6	-1.6	-1.7	-1.7	0.0	0.0	0.0	0.0	-1.6
Goa													
Peak Demand (MW)	509	514	508	425	431	454	380	490	464	499	435	527	527
Peak Availability (MW)	464	471	452	422	426	428	380	467	406	424	406	450	471
Surplus(+)/Deficit (-) (MW)	-45	-43	-56	-3	-5	-26	0	-23	-58	-75	-29	-77	-56
(%)	-8.8	-8.4	-11.0	-0.7	-1.2	-5.7	0.0	-4.7	-12.5	-15.0	-6.7	-14.6	-10.6
Western Region													
Peak Demand (MW)	39566	38543	37391	37072	33992	39649	41937	42352	42089	40230	41277	40773	42352
Peak Availability (MW)	33705	33385	32721	31824	30093	33195	35952	35152	34613	34038	35535	36509	36509
Surplus(+)/Deficit (-) (MW)	-5861	-5158	-4670	-5248	-3899	-6454	-5985	-7200	-7476	-6192	-5742	-4264	-5843
(%)	-14.8	-13.4	-12.5	-14.2	-11.5	-16.3	-14.3	-17.0	-17.8	-15.4	-13.9	-10.5	-13.8
Andhra Pradesh													
Peak Demand (MW)	12636	10658	10746	10975	11483	12863	13254	12112	11712	12178	12913	14054	14054
Peak Availability (MW)	11579	10474	10108	10542	11377	11552	11591	10835	10453	11099	11313	11972	11972
Surplus(+)/Deficit (-) (MW)	-1057	-184	-638	-433	-106	-1311	-1663	-1277	-1259	-1079	-1600	-2082	-2082
(%)	-8.4	-1.7	-5.9	-3.9	-0.9	-10.2	-12.5	-10.5	-10.7	-8.9	-12.4	-14.8	-14.8
Karnataka													
Peak Demand (MW)	8479	8139	7637	7640	7672	8151	8142	9121	8869	9084	9819	10545	10545
Peak Availability (MW)	7498	7509	6828	6907	7085	7034	6927	7428	7650	7711	8065	8549	8549
Surplus(+)/Deficit (-) (MW)	-981	-630	-809	-733	-587	-1117	-1215	-1693	-1219	-1373	-1754	-1996	-1996
(%)	-11.6	-7.7	-10.6	-9.6	-7.7	-13.7	-14.9	-18.6	-13.7	-15.1	-17.9	-18.9	-18.9
Kerala													
Peak Demand (MW)	3176	3281	3023	2994	2984	3219	3193	3243	3248	3315	3377	3516	3516
Peak Availability (MW)	3017	3015	2860	2888	2890	2942	3002	3097	3139	3093	3216	3337	3337
Surplus(+)/Deficit (-) (MW)	-159	-266	-163	-106	-94	-277	-191	-146	-109	-222	-161	-179	-179
(%)	-5.0	-8.1	-5.4	-3.5	-3.2	-8.6	-6.0	-4.5	-3.4	-6.7	-4.8	-5.1	-5.1

Month wise power supply position of States/ UTs during the year 2011-12 (in terms of peak demand)													
State/ Region	Apr/11	May/11	Jun/11	Jul/11	Aug/11	Sep/11	Oct/11	Nov/11	Dec/11	Jan/12	Feb/12	Mar/12	2011-12
Tamil Nadu													
Peak Demand (MW)	11911	11832	11713	11068	10855	11118	11187	11148	10962	11110	12166	12813	12813
Peak Availability (MW)	10566	10298	10491	10275	10203	10237	10094	9006	9347	9075	8980	10006	10566
Surplus(+)/Deficit (-) (MW)	-1345	-1534	-1222	-793	-652	-881	-1093	-2142	-1615	-2035	-3186	-2807	-2247
(%)	-11.3	-13.0	-10.4	-7.2	-6.0	-7.9	-9.8	-19.2	-14.7	-18.3	-26.2	-21.9	-17.5
Puducherry													
Peak Demand (MW)	318	312	307	313	318	335	327	278	286	268	288	314	335
Peak Availability (MW)	308	312	306	311	310	320	295	274	283	266	286	311	320
Surplus(+)/Deficit (-) (MW)	-10	0	-1	-2	-8	-15	-32	-4	-3	-2	-2	-3	-15
(%)	-3.1	0.0	-0.3	-0.6	-2.5	-4.5	-9.8	-1.4	-1.0	-0.7	-0.7	-1.0	-4.5
Southern Region													
Peak Demand (MW)	33937	32304	31762	31742	31197	33173	33382	34072	32979	33858	36082	37599	37599
Peak Availability (MW)	31489	29995	29391	30192	29545	29776	29119	28875	28311	29358	29982	32188	32188
Surplus(+)/Deficit (-) (MW)	-2448	-2309	-2371	-1550	-1652	-3397	-4263	-5197	-4668	-4500	-6100	-5411	-5411
(%)	-7.2	-7.1	-7.5	-4.9	-5.3	-10.2	-12.8	-15.3	-14.2	-13.3	-16.9	-14.4	-14.4
Bihar													
Peak Demand (MW)	1739	2031	1713	1910	1972	1934	1889	1906	1799	1837	1806	1878	2031
Peak Availability (MW)	1314	1423	1426	1486	1738	1699	1654	1671	1433	1500	1469	1671	1738
Surplus(+)/Deficit (-) (MW)	-425	-608	-287	-424	-234	-235	-235	-235	-366	-337	-337	-207	-293
(%)	-24.4	-29.9	-16.8	-22.2	-11.9	-12.2	-12.4	-12.3	-20.3	-18.3	-18.7	-11.0	-14.4
DVC													
Peak Demand (MW)	1852	2250	2190	2318	2113	2080	2125	2104	2138	2126	2113	2140	2318
Peak Availability (MW)	1845	2007	1880	2018	1963	1880	1975	1954	1988	2026	2038	2074	2074
Surplus(+)/Deficit (-) (MW)	-7	-243	-310	-300	-150	-200	-150	-150	-150	-100	-75	-66	-244
(%)	-0.4	-10.8	-14.2	-12.9	-7.1	-9.6	-7.1	-7.1	-7.0	-4.7	-3.5	-3.1	-10.5
Jharkhand													
Peak Demand (MW)	844	1030	762	822	825	818	844	842	863	825	846	956	1030
Peak Availability (MW)	833	832	760	827	823	816	842	840	831	783	793	868	868
Surplus(+)/Deficit (-) (MW)	-11	-198	-2	5	-2	-2	-2	-2	-32	-42	-53	-88	-162
(%)	-1.3	-19.2	-0.3	0.6	-0.2	-0.2	-0.2	-0.2	-3.7	-5.1	-6.3	-9.2	-15.7
Odisha													
Peak Demand (MW)	3326	3350	3245	3313	3390	3589	3233	3061	2929	2882	3535	3492	3589
Peak Availability (MW)	3310	3139	3188	3313	3330	3526	3176	3007	2877	2758	3375	3185	3526
Surplus(+)/Deficit (-) (MW)	-16	-211	-57	0	-60	-63	-57	-54	-52	-124	-160	-307	-63
(%)	-0.5	-6.3	-1.8	0.0	-1.8	-1.8	-1.8	-1.8	-1.8	-4.3	-4.5	-8.8	-1.8

Month wise power supply position of States/ UTs during the year 2011-12 (in terms of peak demand)													
State/ Region	Apr/11	May/11	Jun/11	Jul/11	Aug/11	Sep/11	Oct/11	Nov/11	Dec/11	Jan/12	Feb/12	Mar/12	2011-12
West Bengal													
Peak Demand (MW)	6409	6300	6089	6301	6382	6478	6555	5947	5970	5610	6186	6592	6592
Peak Availability (MW)	6035	6098	5988	6105	6282	6378	6330	5722	5795	5580	6186	6532	6532
Surplus(+)/Deficit (-) (MW)	-374	-202	-101	-196	-100	-100	-225	-225	-175	-30	0	-60	-60
(%)	-5.8	-3.2	-1.7	-3.1	-1.6	-1.5	-3.4	-3.8	-2.9	-0.5	0.0	-0.9	-0.9
Sikkim													
Peak Demand (MW)	69	100	95	95	90	90	90	90	90	90	90	90	100
Peak Availability (MW)	68	68	95	95	90	90	90	90	90	90	90	90	95
Surplus(+)/Deficit (-) (MW)	-1	-32	0	0	0	0	0	0	0	0	0	0	-5
(%)	-1.4	-32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-5.0
Eastern Region													
Peak Demand (MW)	13642	14000	13683	14330	14343	14505	14308	13543	13388	12981	14152	14707	14707
Peak Availability (MW)	12420	12879	12947	13440	13811	13971	13658	12896	12635	12366	13545	13999	13999
Surplus(+)/Deficit (-) (MW)	-1222	-1121	-736	-890	-532	-534	-650	-647	-753	-615	-607	-708	-708
(%)	-9.0	-8.0	-5.4	-6.2	-3.7	-3.7	-4.5	-4.8	-5.6	-4.7	-4.3	-4.8	-4.8
Arunachal Pradesh													
Peak Demand (MW)	90	90	90	100	102	113	110	121	112	100	90	101	121
Peak Availability (MW)	77	87	85	94	103	108	102	118	106	96	87	97	118
Surplus(+)/Deficit (-) (MW)	-13	-3	-5	-6	1	-5	-8	-3	-6	-4	-3	-4	-3
(%)	-14.4	-3.3	-5.6	-6.0	1.0	-4.4	-7.3	-2.5	-5.4	-4.0	-3.3	-4.0	-2.5
Assam													
Peak Demand (MW)	969	1050	1010	1095	1112	1069	1062	1001	966	985	987	1032	1112
Peak Availability (MW)	949	978	984	986	1014	990	1053	977	949	953	946	978	1053
Surplus(+)/Deficit (-) (MW)	-20	-72	-26	-109	-98	-79	-9	-24	-17	-32	-41	-54	-59
(%)	-2.1	-6.9	-2.6	-10.0	-8.8	-7.4	-0.8	-2.4	-1.8	-3.2	-4.2	-5.2	-5.3
Manipur													
Peak Demand (MW)	102	102	95	100	105	111	110	116	116	106	105	105	116
Peak Availability (MW)	97	94	86	95	102	104	106	114	115	104	104	103	115
Surplus(+)/Deficit (-) (MW)	-5	-8	-9	-5	-3	-7	-4	-2	-1	-2	-1	-2	-1
(%)	-4.9	-7.8	-9.5	-5.0	-2.9	-6.3	-3.6	-1.7	-0.9	-1.9	-1.0	-1.9	-0.9
Meghalaya													
Peak Demand (MW)	250	245	280	319	301	286	262	268	273	273	290	292	319
Peak Availability (MW)	209	209	238	262	261	259	259	259	251	267	255	253	267
Surplus(+)/Deficit (-) (MW)	-41	-36	-42	-57	-40	-27	-3	-9	-22	-6	-35	-39	-52
(%)	-16.4	-14.7	-15.0	-17.9	-13.3	-9.4	-1.1	-3.4	-8.1	-2.2	-12.1	-13.4	-16.3

Month wise power supply position of States/ UTs during the year 2011-12 (in terms of peak demand)													
State/ Region	Apr/11	May/11	Jun/11	Jul/11	Aug/11	Sep/11	Oct/11	Nov/11	Dec/11	Jan/12	Feb/12	Mar/12	2011-12
Mizoram													
Peak Demand (MW)	77	75	74	66	60	61	65	79	75	75	82	75	82
Peak Availability (MW)	65	67	54	56	53	56	62	78	70	73	76	73	78
Surplus(+)/Deficit (-) (MW)	-12	-8	-20	-10	-7	-5	-3	-1	-5	-2	-6	-2	-4
(%)	-15.6	-10.7	-27.0	-15.2	-11.7	-8.2	-4.6	-1.3	-6.7	-2.7	-7.3	-2.7	-4.9
Nagaland													
Peak Demand (MW)	90	94	100	98	106	105	105	105	111	106	100	101	111
Peak Availability (MW)	69	83	79	90	102	103	104	104	105	102	99	96	105
Surplus(+)/Deficit (-) (MW)	-21	-11	-21	-8	-4	-2	-1	-1	-6	-4	-1	-5	-6
(%)	-23.3	-11.7	-21.0	-8.2	-3.8	-1.9	-1.0	-1.0	-5.4	-3.8	-1.0	-5.0	-5.4
Tripura													
Peak Demand (MW)	192	165	190	180	194	186	215	206	167	172	165	181	215
Peak Availability (MW)	181	163	184	168	191	185	214	203	166	168	165	171	214
Surplus(+)/Deficit (-) (MW)	-11	-2	-6	-12	-3	-1	-1	-3	-1	-4	0	-10	-1
(%)	-5.7	-1.2	-3.2	-6.7	-1.5	-0.5	-0.5	-1.5	-0.6	-2.3	0.0	-5.5	-0.5
North-Eastern Region													
Peak Demand (MW)	1762	1725	1758	1920	1905	1876	1909	1745	1767	1699	1813	1859	1920
Peak Availability (MW)	1581	1547	1564	1660	1698	1690	1782	1689	1648	1620	1622	1625	1782
Surplus(+)/Deficit (-) (MW)	-181	-178	-194	-260	-207	-186	-127	-56	-119	-79	-191	-234	-138
(%)	-10.3	-10.3	-11.0	-13.5	-10.9	-9.9	-6.7	-3.2	-6.7	-4.6	-10.5	-12.6	-7.2

Inter-State / Inter - Regional Exchanges during April, 2011 to March, 2012

(Figures in MU net)

		Northern Region								Western Region							Southern Region					Eastern Region					North-Eastern Region													
	From To	Chandigarh	Delhi	Haryana	Himachal Pradesh	Jammu & Kashmir	Punjab	Rajasthan	Uttar Pradesh	Uttarakhand	Chattisgarh	Gujarat	Madhya Pradesh	Maharashtra	Daman & Diu	Dadra & Nagar Haveli	Goa	Andhra Pradesh	Karnataka	Kerala	Tamil Nadu	Puducherry	Bihar	DVC	Jharkhand	Odisha	West Bengal	Sikkim	Arunachal Pradesh	Assam	Manipur	Meghalaya	Mizoram	Nagaland	Tripura	Power Exchange	Total Export			
Northern Region	Chandigarh					31.9																																31.9		
	Delhi			25.8	193.6	156.3	108.9	289.1	57.0	127.0	86.8		520.9	102.8					118.3		54.9	20.1			0.6			31.7					18.5						1912.3	
	Haryana		4.1		215.2	110.6	90.8	400.1					4.1	4.2					34.5		22.8	6.0	265.7				2.6	355.2											1478.8	
	Himachal Pradesh		119.1	388.3		12.1	519.2		1586.2	0.1			4.1	4.2							6.0																		2676.4	
	Jammu & Kashmir	21.6	43.8	529.9			569.3			0.5	179.7			54.3					47.7	104.1							6.0	182.3											1739.2	
	Punjab		49.0		402.1	195.9	20.6		89.5	91.3			470.8	100.9							128.5																		1548.6	
	Rajasthan		172.5	528.2		0.6	182.1		8.2	126.3	85.9		1.1	0.7					318.8		2.2	1.3					431.9												1859.8	
	Uttar Pradesh			257.5	84.1		136.3		35.0	172.1			85.4	33.9							0.5	4.0																	808.8	
Uttarakhand		119.4	45.4	356.0		271.1						4.3																											796.2	
Western Region	Chattisgarh		107.1	940.6	63.2	184.7	#####	456.7	2137.3			96.7	589.8	2992.8	215.9	478.8	286.1		906.5	494.7	143.9	956.4		576.4				186.9			314.3		8.1				67.1	13304.5		
	Gujarat	139.9	13.2		96.8		195.3	5.3	1700.0				627.4	1222.4					51.7	155.1	9.5	#####		133.8				67.5			6.6						325.8	6191.5		
	Madhya Pradesh		80.5				439.9	339.7	32.5					287.0					234.7		19.1	38.3		255.9				23.8										1751.4		
	Maharashtra		7.4					28.5	136.3				129.4						48.3		51.7							31.1									53.2	485.9		
	Daman & Diu																																					15.9		
	Dadra & Nagar Haveli																																						0.0	
	Goa		23.5																																				23.5	
Southern Region	Andhra Pradesh		10.1	3.3		72.0	63.1	75.5	187.2				4.2	47.4	25.5					138.9	107.4	#####																461.2	2675.8	
	Karnataka						91.8							25.5					445.0		391.9	354.6						0.5										795.0	2104.3	
	Kerala		121.9																22.6			47.5																9.0	201.0	
	Tamil Nadu			39.7			252.7	7.6		126.0																		243.7											669.7	
	Puducherry																																						0.0	
Eastern Region	Bihar																																						0.0	
	DVC		1473.7		70.2			0.3	38.2				949.2	3.6								1.7	0.4						78.0		41.8								3536.3	
	Jharkhand		522.8																					5.3	543.3														1071.4	
	Odisha		446.4	113.7			221.9	1.0	845.6	28.7	15.5		55.8	138.8					238.9	74.5	17.1	#####		498.1				183.1		0.7	33.5								3982.5	
	West Bengal(PDCL)		218.4		313.9	84.6	109.6	531.3	54.4		14.4		126.8	50.9							24.2	6.0		32.5		30.4	66.2	7.9	40.9					43.8			4.5		1982.8	
	Sikkim		90.5						19.5					43.9					83.3		2.6	0.6																	240.4	
	NTPC Stns. in ER	15.2	1071.8	556.6	125.2	739.6	917.3	792.5	2027.4	150.3	159.6	591.6	311.9	741.3	10.1	15.9		151.6		312.9	489.8									71.7	970.7		277.6	44.7	127.4				10672.7	
North-Eastern Region	Tala HEP		100.1	50.0		60.1	100.0	50.0	150.2																															510.4
	Arunachal Pradesh																		2.8		2.1																		5.1	
	Assam																																							13.7
	Manipur																																						0.0	
	Meghalaya		5.4								8.6																												27.9	
	Mizoram																																						1.2	
	Nagaland																																						7.3	
	Tripura						18.0							6.7																									173.1	
Power Exchange																		578.5	129.0	394.7	#####																			2197.4
Total Import		176.7	4800.7	3479.0	1920.3	#####	#####	2977.6	9104.5	696.3	676.5	688.3	3881.1	5857.1	251.5	716.7	286.2	3283.2	1119.1	1678.2	#####	0.0	1502.0	543.9	909.6	74.8	1841.2	40.9	114.2	1325.1	76.2	363.2	108.4	127.4	23.5	#####	64697.7			

Note : The exchange figures include the IPPs and CPPs also.

*Annex - VI***Scheduled energy drawal by the States/ UTs vis-à-vis their entitlement from Central Generating Stations during the year 2011-12**

Region / State / System	Entitlement (MU)	Scheduled Drawal (MU)
Northern Region		
Chandigarh	1223.50	1063.70
Delhi	22899.87	20319.27
Haryana	9863.43	9187.72
Himachal Pradesh	5770.51	5522.97
Jammu & Kashmir	8741.78	8452.80
Punjab	13455.09	11908.70
Rajasthan	12430.19	11982.15
Uttar Pradesh	32794.47	31772.47
Uttarakhand	4469.23	4287.03
Western Region		
Chhattisgarh	5436.50	5408.30
Gujarat	19135.40	17469.10
Madhya Pradesh	20825.10	19459.40
Maharashtra	31963.60	29144.10
Daman & Diu	1916.70	1793.50
Dadra & Nagar Haveli	4169.00	3714.50
Goa	3162.90	3125.00
Southern Region		
Andhra Pradesh	22744.31	22260.44
Karnataka	11424.70	11228.82
Kerala	10626.74	8776.15
Tamil Nadu	21083.88	20656.16
Puducherry	2730.07	2667.43
Eastern Region		
Bihar	10316.64	10316.64
Damodar Valley Corporation	1583.43	1583.43
Jharkhand	1824.15	1824.15
Orissa	6900.64	6900.64
West Bengal	5509.04	5509.04
Sikkim	861.92	861.92
North-Eastern Region		
Arunachal Pradesh	461.92	462.78
Assam	3212.10	3557.92
Manipur	523.73	578.45
Meghalaya	829.26	808.23
Mizoram	306.80	301.32
Nagaland	426.75	359.40
Tripura	436.60	199.63

Comparison of the constituent-wise forecast vis-à-vis actual power supply position for the year 2011-12

(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	315	263	-16.5	254	263	3.5	-61	0	-19.4	0.0
Delhi	5000	5031	0.6	5610	5028	-10.4	610	-3	12.2	-0.1
Haryana	6500	6533	0.5	6050	6259	3.5	-450	-274	-6.9	-4.2
Himachal Pradesh	1400	1397	-0.2	2040	1298	-36.4	640	-99	45.7	-7.1
Jammu & Kashmir	2500	2385	-4.6	1790	1789	-0.1	-710	-596	-28.4	-25.0
Punjab	9800	10471	6.8	7790	8701	11.7	-2010	-1770	-20.5	-16.9
Rajasthan	7900	8188	3.6	7220	7605	5.3	-680	-583	-8.6	-7.1
Uttar Pradesh	11800	12038	2.0	8680	11767	35.6	-3120	-271	-26.4	-2.3
Uttarakhand	1600	1612	0.8	1430	1600	11.9	-170	-12	-10.6	-0.7
Northern Region	41000	40248	-1.8	36140	37117	2.7	-4860	-3131	-11.9	-7.8
Chhattisgarh	3025	3239	7.1	2964	3093	4.3	-61	-146	-2.0	-4.5
Gujarat	11832	10951	-7.4	9569	10759	12.4	-2263	-192	-19.1	-1.8
Madhya Pradesh	9079	9151	0.8	7371	8505	15.4	-1708	-646	-18.8	-7.1
Maharashtra	20200	21069	4.3	14678	16417	11.8	-5522	-4652	-27.3	-22.1
Daman & Diu	370	301	-18.6	224	276	23.3	-146	-25	-39.5	-8.3
D.N.Haveli	580	615	6.0	582	605	4.0	2	-10	0.3	-1.6
Goa	500	527	5.4	300	471	56.8	-200	-56	-39.9	-10.6
Western Region	42422	42352	-0.2	37781	36509	-3.4	-4641	-5843	-10.9	-13.8
Andhra Pradesh	13916	14054	1.0	11336	11972	5.6	-2580	-2082	-18.5	-14.8
Karnataka	8680	10545	21.5	8296	8549	3.0	-384	-1996	-4.4	-18.9
Kerala	3400	3516	3.4	3094	3337	7.9	-306	-179	-9.0	-5.1
Tamil Nadu	12755	12813	0.5	10616	10566	-0.5	-2139	-2247	-16.8	-17.5
Puducherry	358	335	-6.4	349	320	-8.4	-9	-15	-2.5	-4.5
Southern Region	37247	37599	0.9	31859	32188	1.0	-5388	-5411	-14.5	-14.4
Bihar	2300	2031	-11.7	1605	1738	8.3	-695	-293	-30.2	-14.4
DVC	2650	2318	-12.5	2839	2074	-26.9	189	-244	7.1	-10.5
Jharkhand	1200	1030	-14.2	1189	868	-27.0	-11	-162	-0.9	-15.7
Orissa	3700	3589	-3.0	3836	3526	-8.1	136	-63	3.7	-1.8
West Bengal	7210	6592	-8.6	5760	6532	13.4	-1451	-60	-20.1	-0.9
Sikkim	130	100	-23.3	159	95	-40.2	28	-5	21.8	-5.0
Eastern Region	17171	14707	-14.3	15185	13999	-7.8	-1986	-708	-11.6	-4.8
Arunachal Pradesh	148	121	-18.2	127	118	-7.1	-21	-3	-14.2	-2.5
Assam	1195	1112	-6.9	1069	1053	-1.5	-126	-59	-10.5	-5.3
Manipur	154	116	-24.7	124	115	-7.3	-30	-1	-19.5	-0.9
Meghalaya	495	319	-35.6	477	267	-44.0	-18	-52	-3.6	-16.3
Mizoram	106	82	-22.6	78	78	0.0	-28	-4	-26.4	-4.9
Nagaland	157	111	-29.3	118	105	-11.0	-39	-6	-24.8	-5.4
Tripura	221	215	-2.7	196	214	9.2	-25	-1	-11.3	-0.5
North-Eastern Region	2198	1920	-12.6	2068	1782	-13.8	-130	-138	-5.9	-7.2
All India	136193	130006	-4.5	118676	116191	-2.1	-17517	-13815	-12.9	-10.6

**Comparison of the constituent-wise forecast vis-à-vis actual power supply position
for the year 2011-12
(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	1660	1568	-5.5	1561	1564	0.2	-99	-4	-5.9	-0.3
Delhi	27870	26751	-4.0	34581	26674	-22.9	6711	-77	24.1	-0.3
Haryana	35929	36874	2.6	33777	35541	5.2	-2152	-1333	-6.0	-3.6
Himachal Pradesh	8626	8161	-5.4	9236	8107	-12.2	610	-54	7.1	-0.7
Jammu & Kashmir	14234	14250	0.1	10631	10889	2.4	-3603	-3361	-25.3	-23.6
Punjab	49277	45191	-8.3	42349	43792	3.4	-6928	-1399	-14.1	-3.1
Rajasthan	49095	51474	4.8	45672	49491	8.4	-3423	-1983	-7.0	-3.9
Uttar Pradesh	82411	81339	-1.3	62975	72116	14.5	-19436	-9223	-23.6	-11.3
Uttarakhand	10480	10513	0.3	8363	10208	22.1	-2116	-305	-20.2	-2.9
Northern Region	279581	276121	-1.2	249145	258382	3.7	-30436	-17739	-10.9	-6.4
Chhattisgarh	24471	15013	-38.6	28697	14615	-49.1	4226	-398	17.3	-2.7
Gujarat	76072	74696	-1.8	74838	74429	-0.5	-1234	-267	-1.6	-0.4
Madhya Pradesh	52050	49785	-4.4	41972	41392	-1.4	-10078	-8393	-19.4	-16.9
Maharashtra	124632	141382	13.4	101123	117722	16.4	-23509	-23660	-18.9	-16.7
Daman & Diu	2517	2141	-14.9	1903	1915	0.6	-614	-226	-24.4	-10.6
D.N.Haveli	4695	4380	-6.7	4696	4349	-7.4	1	-31	0.0	-0.7
Goa	3320	3024	-8.9	3008	2981	-0.9	-312	-43	-9.4	-1.4
Western Region	287757	290421	0.9	256237	257403	0.5	-31520	-33018	-11.0	-11.4
Andhra Pradesh	88335	91730	3.8	77608	85149	9.7	-10727	-6581	-12.1	-7.2
Karnataka	52751	60830	15.3	55256	54023	-2.2	2505	-6807	4.7	-11.2
Kerala	19019	19890	4.6	16689	19467	16.6	-2330	-423	-12.2	-2.1
Tamil Nadu	87539	85685	-2.1	71767	76705	6.9	-15772	-8980	-18.0	-10.5
Puducherry	2380	2167	-8.9	2494	2136	-14.4	114	-31	4.8	-1.4
Southern Region	250024	260302	4.1	223814	237480	6.1	-26210	-22822	-10.5	-8.8
Bihar	13706	14311	4.4	11210	11260	0.4	-2496	-3051	-18.2	-21.3
DVC	18054	16648	-7.8	16668	16009	-4.0	-1386	-639	-7.7	-3.8
Jharkhand	7346	6280	-14.5	6540	6030	-7.8	-806	-250	-11.0	-4.0
Orissa	25430	23036	-9.4	21511	22693	5.5	-3919	-343	-15.4	-1.5
West Bengal	40429	38679	-4.3	40421	38281	-5.3	-8	-398	0.0	-1.0
Sikkim	496	390	-21.3	944	384	-59.3	448	-6	90.5	-1.5
Eastern Region	105461	99344	-5.8	97294	94657	-2.7	-8167	-4687	-7.7	-4.7
Arunachal Pradesh	595	600	0.8	589	553	-6.1	-6	-47	-1.0	-7.8
Assam	6071	6034	-0.6	6021	5696	-5.4	-50	-338	-0.8	-5.6
Manipur	593	544	-8.3	588	499	-15.1	-5	-45	-0.9	-8.3
Meghalaya	1698	1927	13.5	1652	1450	-12.2	-45	-477	-2.7	-24.8
Mizoram	391	397	1.5	408	355	-12.9	16	-42	4.2	-10.6
Nagaland	660	560	-15.1	597	511	-14.4	-63	-49	-9.5	-8.8
Tripura	911	949	4.2	1029	900	-12.5	118	-49	13.0	-5.2
North-Eastern Region	10918	11011	0.8	10884	9964	-8.5	-35	-1047	-0.3	-9.5
All India	933741	937199	0.4	837374	857886	2.4	-96366	-79313	-10.3	-8.5

Maintenance schedule of Nuclear/Coal/Lignite/ based thermal power generating stations for the year 2012-13

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				
Narora APS	2	220	1-Nov-12	30-Nov-12	30	Biennial Shut Down
Rajasthan APS	1	100	1-Apr-12	31-Mar-13	365	Under review
Rajasthan APS	2	200	16-Apr-12	15-May-12	30	Biennial Shut Down
Rajasthan APS	3	220	1-Sep-12	30-Sep-12	30	Biennial Shut Down
Rajasthan APS	4	220				
Rajasthan APS	5	220	15-May-12	22-Jun-12	39	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				
Tarapur APS	4	540				
Madras APS	1	220				
Madras APS	2	220				
Kaiga APS	1	220				
Kaiga APS	2	220				
Kaiga APS	3	220				
Kaiga APS	4	220				
Total		4780				
Thermal						
Northern Region						
Badarpur TPS	1	95	15-Dec-12	3-Jan-13	20	Annual Boiler Overhauling
	2	95	1-Oct-12	20-Oct-12	20	Annual Boiler Overhauling
	3	95	1-Apr-12	20-Apr-12	20	Annual Boiler Overhauling + Cond. tube replacement
	4	210	15-Mar-13	31-Mar-13	17	Annual Boiler Overhauling + ESP R&M
	5	210	1-Nov-12	10-Dec-12	40	Annual Boiler Overhauling + ESP R&M
Total		705				
Singrauli STPS	1	200	25-May-12	18-Jun-12	25	Annual Overhauling
	2	200				
	3	200				
	4	200				
	5	200				
	6	500	1-Apr-12	15-May-12	45	Annual OH + Eco coil replacement+HPT
	7	500	25-Aug-12	23-Sep-12	30	Annual Overhauling
Total		2,000				
Rihand STPS	1	500	15-Jul-12	23-Aug-12	40	Annual OH +Gen+ Boiler RLA+HPT
	2	500	17-Apr-12	19-Apr-12	3	Annual Overhauling+ Boiler licence renew
	2	500	25-Sep-12	24-Oct-12	30	Annual Overhauling+ Boiler licence renew
	3	500				
	4	500				
Total		2,000				
Unchahar TPS	1	210				
	2	210				
	3	210	1-Apr-12	25-Apr-12	25	Annual Overhauling
	4	210				
	5	210	25-Aug-12	18-Sep-12	25	Annual Overhauling
Total		1,050				

Station Name	Capacity		Start Date	End Date	No. of Maintenance		Reason
	Unit	(MW)			Days		
DADRI (NCTPP)	1	210	19-Apr-12	20-Apr-12	2		Annual Boiler Overhauling
			26-Apr-12	15-May-12	20		Annual Boiler Overhauling
	2	210	23-Aug-12	26-Sep-12	35		Capital overhuling
	3	210					
	4	210					
	5	490	1-Apr-12	25-Apr-12	25		Mandatory inspection
	6	490	14-Jul-12	16-Jul-12	3		Annual Boiler Overhauling
	6		25-Oct-12	20-Nov-12	27		Annual Boiler Overhauling
Total		1820					
Tanda TPS	1	110					
	2	110	8-May-12	13-Jul-12	67		L T R & M
	3	110	10-Aug-12	3-Sep-12	25		Annual Overhauling
	4	110	1-Apr-12	30-Apr-12	30		Annual Overhauling
Total		440					
Delhi							
I.P.STATION							
RAJGHAT	1	67.5					
	2	67.5					
Total		135					
Haryana Power Generating Company							
Panipat TPS	1	110	14-Apr-12	30-Apr-12	17		Preventive Maintenance
	2	110	1-Apr-12	15-Apr-12	15		Under S/D
	3	110	1-Sep-12	15-Sep-12	15		Mini S/D
	4	110	1-Apr-12	22-Apr-12	22		AOH
	5	210	1-Jun-12	30-Jun-12	30		AOH
	6	210					
	7	250	1-Oct-12	15-Oct-12	15		Under mini S/D
	8	250	20-Oct-12	3-Nov-12	15		Under mini S/D
Total		1,360					
Punjab State Electricity Board							
Ropar	1	210	29-Apr-12	5-Jun-12	38		Annual Overhauling+Chemical cleaning
	2	210	1-Mar-13	31-Mar-13	31		Capital overhuling+ reheater replacement
	3	210					
	4	210	1-Apr-12	10-Apr-12	10		DVR replacement against AVR
	5	210	18-Dec-12	16-Jan-13	30		Annual Overhauling+ LPT
	6	210					
Total		1260					
GNDTP(Bhatinda)	1	110	15-Apr-12	14-May-12	30		Capital overhuling
	2	110	1-Nov-12	30-Nov-12	30		Annual Overhauling
	3	110	8-Jun-12	7-Jul-12	30		Annual Overhauling
	4	110	5-Nov-12	31-Mar-13	147		Renovation & Modernisation
Total		440					
GHTP (LEH.MOH.)	1	210	8-Feb-13	27-Feb-13	20		Annual Overhauling
	2	210	1-Nov-12	15-Dec-12	45		Capital overhuling
	3	250	18-Jan-13	6-Feb-13	20		Annual Overhauling
	4	250					
Total		920					

Capacity					No. of	
Station Name	Unit	(MW)	Start Date	End Date	Maintenance Days	Reason
Rajasthan Rajya Vidyut Utpadan Nigam Ltd.						
Kota TPS	1	110	1-May-12	19-Jun-12	50	Capital Overhauling+Replacement LP rotor
	2	110	14-Jun-12	4-Jul-12	21	Annual Boiler Overhauling
	3	210	5-Jul-12	23-Aug-12	50	Annual Boiler Overhauling + Replacement of HRH Coils
	4	210	17-Aug-12	6-Sep-12	21	Annual Boiler Overhauling
	5	210	7-Sep-12	27-Sep-12	21	Annual Boiler Overhauling
	6	195	5-Aug-12	25-Aug-12	21	Annual Boiler Overhauling
	7	195	12-Jul-12	1-Aug-12	21	Annual Boiler Overhauling
Total		1,240				
Suratgarh	1					
	2	250	15-May-12	4-Jun-12	21	Annual maintenance and statutory boiler inspection
	3	250	5-Jun-12	29-Jul-12	55	Annual maintenance and statutory boiler inspection
	4	250	1-Aug-12	21-Aug-12	21	Capital overhauling
	5	250	24-Aug-12	13-Sep-12	21	Annual maintenance and statutory boiler inspection
	6	250	15-Sep-12	25-Sep-12	11	Annual maintenance and statutory boiler inspection
Total		1,250				
Giral TPP	1	125	16-Aug-12	15-Sep-12	31	Annual Maintenance
	2	125	1-Jul-12	31-Jul-12	31	Annual Maintenance
Total		250				
Chhabra TPS	1	250	16-Jun-12	5-Jul-12	21	Annual Maintenance
	2	250	1-Apr-12	21-Apr-12	21	Annual Maintenance
Total		500				
Raj West Power	1	135	27-Apr-12	21-May-12	25	Refractory Maintenance and annual OH +BLR
			20-Jan-13	3-Feb-13	15	
	2	135	6-May-12	4-Jun-12	30	Refractory Maintenance and annual OH +BLR
			23-Jan-13	6-Feb-13	15	
	3	135	25-Jun-12	4-Jul-12	10	Refractory Maintenance and annual OH +BLR
			19-Feb-13	5-Mar-13	15	
	4	135	28-Jun-12	7-Jul-12	10	Refractory Maintenance and annual OH +BLR
			16-Feb-12	2-Mar-12	15	
	5	135				
Total		675				
Uttar Pradesh Rajya Vidyut Utpadan Nigam Ltd.						
Panki TPS	3	105				
	4	105	1-Jul-12	31-Aug-12	62	Annual Overhauling
Total		210				
Obra TPS	1	50	10-Nov-12	30-Nov-12	21	Annual Overhauling
	2	50	10-May-12	30-May-12	21	Annual Overhauling
	6	94				
	7	94	1-Apr-12	31-Mar-13	365	Refurbishment
	8	94				
	9	200				
	10	200	1-Apr-12	31-Mar-13	365	Refurbishment
	11	200	1-Apr-12	31-Mar-13	365	Refurbishment
	12	200	1-Sep-12	30-Sep-12	30	Annual Overhauling
	13	200	1-Jul-12	31-Jul-12	31	Annual Overhauling
Total		1,382				
Harduaganj B	5	60	1-Aug-12	15-Aug-12	15	Annual Overhauling
	7	105	1-Apr-12	31-Aug-12	153	Refurbishment
	8	250	16-Oct-12	30-Nov-12	46	Annual Overhauling
	9	250				
Total		665				

Capacity			No. of Maintenance				
Station Name	Unit	(MW)	Start Date	End Date	Days	Reason	
Paricha	1	110	1-Jul-12	31-Mar-13	274	Refurbishment	
	2	110	1-Apr-12	30-Jun-12	91	Refurbishment	
	3	210	25-Jun-12	5-Aug-12	42	Annual Overhauling	
	4	210	25-Aug-12	5-Oct-12	42	Annual Overhauling	
	5	250					
	6	250					
Total		1140					
Anpara	1	210	25-Aug-12	23-Sep-12	30	Annual Overhauling	
	2	210					
	3	210	20-May-12	18-Jun-12	30	Annual Overhauling	
	4	500					
	5	500	10-Jul-12	9-Aug-12	31	Annual Overhauling	
Total		1,630					
Anpara-C(IPP)Lanco	1	600					
	2	600					
Total		1,200					
Rosa TPS	1	300	15-Aug-12	24-Sep-12	41	AOH	
	2	300					
	3	300	1-Jun-12	10-Jun-12	10	PG Test	
	4	300	17-Jun-12	26-Jun-12	10	PG Test	
Total		1,200					
	3	200					
	4	500					
	5	500	20-Jun-12	14-Jul-12	25	BLR	
	6	500	24-Jul-12	17-Aug-12	25	BLR	
	7	500	27-Aug-12	20-Sep-12	25	Boiler+Gen.	
	Total		3,700				
	Sipat STPS	1	660	1-Jul-12	30-Jul-12	30	Boiler+Turbine
2		660					
4		500	1-Sep-12	30-Sep-12	30	Standing Blades	
5		500					
Total		2,320					
Vindhyanchal STPS	1	210	24-Oct-12	30-Oct-12	7	revisioning	
	2	210	1-Apr-12	20-Apr-12	20	BLR+Gen.	
	3	210	19-May-12	22-Jun-12	35	Boiler+Tur+Gen+Chemical Cleaning	
	4	210	25-Apr-12	14-May-12	20	BLR+Gen.	
	5	210	1-Oct-12	20-Oct-12	20	BLR	
	6	210	29-Aug-12	27-Sep-12	30	Boiler+Gen+Chemical Cleaning	
	7	500					
	8	500	29-Jul-12	22-Aug-12	25	Boiler+LPT+GEN	
	9	500	28-Jun-12	22-Jul-12	25	BLR	
	10	500					
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		Reason
					Days		
Ukai	1	120	30-Jul-12	19-Aug-12	21	Annual	Overhauling
	2	120	25-Aug-12	14-Sep-12	21	Annual	Overhauling
	3	200	8-Feb-13	9-Mar-13	30	Annual	Overhauling
	4	200	3-May-12	27-May-12	25	Annual	Overhauling
	5	210	1-Jul-12	25-Jul-12	25	Annual	Overhauling
Total		850					
Gandhi Nagar	1	120	10-Dec-12	30-Dec-12	21	Capital	Overhauling
	2	120	10-Jul-12	30-Jul-12	21	Annual	Overhauling
	3	210	29-Sep-12	19-Oct-12	21	Annual	Overhauling
	4	210	24-Aug-12	13-Sep-12	21	Annual	Overhauling
	5	210	1-Aug-12	21-Aug-12	21	Annual	Overhauling
Total		870					
Wanakbori	1	210					
	2	210	1-Apr-12	30-Apr-12	30	Annual	Overhauling
	3	210	15-Dec-12	13-Jan-13	30	Annual	Overhauling
	4	210	20-Jan-13	18-Feb-13	30	Capital	Overhauling
	5	210	11-Nov-12	10-Dec-12	30	Annual	Overhauling
	6	210	1-Jun-12	30-Jun-12	30	Annual	Overhauling
	7	210					
Total		1,470					
Sikka Rep.	1	120	15-Jul-12	14-Aug-12	31	Capital	Overhauling
	2	120	1-Jul-12	21-Jul-12	21	Annual	Overhauling
Total		240					
Kutch Lignite	1	70	21-Jul-12	10-Aug-12	21	Annual	Overhauling
	2	70	15-Aug-12	14-Sep-12	31	Annual	Overhauling
	3	75	25-Jun-12	15-Jul-12	21	Annual	Overhauling/ TG Rotor Repair
	4	75	5-Sep-12	25-Sep-12	21	Annual	Overhauling
Total		290					
GMDCL							
Akrimota	1	125	1-Dec-12	30-Dec-12	30	Annual	Overhauling
	2	125	1-Nov-12	30-Nov-12	30	Annual	Overhauling
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	15-Jul-12	3-Aug-12	20	Annual	Overhauling
	2	125	1-Oct-12	20-Oct-12	20	Annual	Overhauling
	3	125	9-Aug-12	28-Aug-12	20	Annual	Overhauling
	4	125	5-Sep-12	24-Sep-12	20	Annual	Overhauling
Total		500					
Madhya Pradesh State Electricity Board							
Satpura	1	62.5	1-May-12	31-May-12	31	Annual	Overhauling
	2	62.5	1-Jun-12	21-Jun-12	21	Annual	Overhauling
	3	62.5	22-Jun-12	12-Jul-12	21	Annual	Overhauling
	4	62.5					
	5	62.5	1-Sep-12	20-Oct-12	50	Annual	Overhauling
	6	200					
	7	210	1-Sep-12	20-Oct-12	50	Annual	Overhauling
	8	210					
	9	210	20-Jul-12	30-Aug-12	42	Annual	Overhauling
Total		1,142.5					

Capacity			No. of			
Station Name	Unit	(MW)	Start Date	End Date	Maintenance Days	Reason
Amar Kantak	3	120				
	4	120				
	5	210	1-Jul-12	25-Jul-12	25	Annual Overhauling
	Total	450				
Sanjay Gandhi	1	210	1-Jul-12	25-Jul-12	25	Annual Overhauling
	2	210				
	3	210				
	4	210	6-Sep-12	30-Sep-12	25	Annual Overhauling
	5	500	27-Jul-12	30-Aug-12	35	Annual Overhauling
Total	1,340					
Chhattisgarh State Electricity Board						
Korba(East)	1	50	1-Nov-12	23-Nov-12	23	Capital Overhauling
	2	50	28-Aug-12	20-Sep-12	24	Annual Overhauling
	3	50	6-May-12	29-May-12	24	Annual Overhauling
	4	50	30-May-12	22-Jun-12	24	Annual Overhauling
Total	200					
Korba-III	5	120	24-Nov-12	13-Jan-13	51	Annual Overhauling
	6	120	21-Sep-12	14-Oct-12	24	Annual Overhauling
Total	240					
Korba-West	1	210	30-May-12	22-Jun-12	24	Capital Overhauling
	2	210	28-Aug-12	12-Oct-12	46	Annual Overhauling
	3	210	13-Oct-12	6-Nov-12	25	Annual Overhauling
	4	210	7-Nov-12	30-Nov-12	24	Annual Overhauling
Total	840					
Korba(DSPM)	1	250	23-Jan-12	15-Jul-12	175	Annual Overhauling
	2	250	17-Jul-12	27-Aug-12	42	Annual Overhauling
Total	500					
OP Jiindal	1	250	10-Aug-12	14-Aug-12	5	Annual Overhauling
	2	250	1-Sep-12	15-Sep-12	15	for Accumulated S/D Jobs
	3	250	20-Sep-12	24-Sep-12	5	for Accumulated S/D Jobs
	4	250	16-Jul-12	30-Jul-12	15	Annual Overhauling
Total	1000					
Pathadi TPS	1	300				
	2	300				
Total	600					
Maharashtra State Electricity Generation Company Ltd.						
Nasik	1	140				
	2	140				
	3	210	20-Sep-12	15-Oct-12	26	Annual Overhauling
	4	210	1-Aug-12	14-Sep-12	45	Capital Overhauling
	5	210	1-Jul-12	5-Aug-12	36	Annual Overhauling
Total	910					
Koradi	1	120				
	2	120				
	3	120				
	4	120				
	5	200	16-Jun-12	21-Jul-12	36	Capital Overhauling
	6	210	1-Aug-12	26-Aug-12		
	7	210				
Total	1,100					
Khaper Kheda II	1	210	2-Sep-12	12-Sep-12	11	Mini Overhauling
	2	210	15-Jul-12	14-Aug-12	31	Annual Overhauling
	3	210	18-Aug-12	28-Aug-12	11	Mini Overhauling
	4	210	12-Feb-13	9-Mar-13	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	1-Sep-12	26-Sep-12	26	Annual Overhauling
	4	250	1-Mar-13	26-Mar-13	26	Annual Overhauling
Total		562.5				
Bhusawal	1	62.5				
	2	210	25-Sep-12	20-Oct-12	26	Annual Overhauling
	3	210	4-Jul-12	8-Aug-12	36	Annual Overhauling
Total		482.5				
Parli	1	30				
	2	30				
	3	210	10-Apr-12	15-May-12	36	Capital Overhauling
	4	210	1-Oct-12	26-Oct-12	26	Annual Overhauling
	5	210	10-Dec-12	14-Jan-13	36	Capital Overhauling
Total		690				
New Parli	1	250	10-Jul-12	4-Aug-12	26	Annual Overhauling
	2	250	1-Dec-12	26-Dec-12	26	Annual Overhauling
Total		500				
Chandrapur	1	210	1-Aug-12	26-Aug-12	26	Annual Overhauling
	2	210	1-Jul-12	26-Jul-12	26	Annual Overhauling
	3	210	1-Sep-12	26-Sep-12	26	Annual Overhauling
	4	210	1-Aug-12	26-Aug-12	26	Annual Overhauling
	5	500	1-Jul-12	30-Aug-12	61	Capital Overhauling & DCS Upgradation
	6	500	1-Jun-12	26-Jun-12	26	Annual Overhauling
	7	500	1-Sep-12	26-Sep-12	26	Capital Overhauling
Total		2,340				
Tata Electricity Company						
Trombay	4	150				
	6	500	4-Feb-13	28-Feb-13	25	Turbine & Gen Overhauling
	7	180	19-Aug-12	25-Aug-12	7	Inspection
	8	250	16-Dec-12	31-Jan-13	47	Coalm mill instalation work+FGD work
Total		1,080				
BSES						
Dhanu	1	250				
	2	250				
Total		500				
SUGEN	10	383	11-Nov-12	17-Nov-12	7	Annual Overhauling
	20	383	12-Jan-13	28-Jan-13	17	Annual Overhauling
	30	383	14-Mar-13	20-Mar-13	7	Annual Overhauling
JSW	1	300	1-Jun-12	15-Jun-12	15	Annual Overhauling
	2	300	1-Jul-12	15-Jul-12	15	Annual Overhauling
	3	300	1-Aug-12	15-Aug-12	15	Annual Overhauling
	4	300	1-Sep-12	15-Sep-12	15	Annual Overhauling
Reliance	1	250	1-Sep-12	8-Sep-12		Lience inspection +renewal
	2	250	1-Aug-12	25-Aug-12		Annual Overhauling
TAPS	1	160	5-Jun-12	29-Jun-12		Annual Overhauling
	2	160	5-Oct-12	25-Oct-12		Annual Overhauling
	3	540	10-May-12	25-Jun-12		Bi-annual S/D
Southern Region						
Ramagundam STPS	1	200				
	2	200				
	3	200	1-Jun-12	5-Jul-12	35	Boiler Overhaul/ Annual Maintenance
	4	500				
	5	500	5-Sep-12	29-Sep-12	25	Boiler Overhaul/ Annual Maintenance
	6	500	3-Oct-12	27-Oct-12	25	Boiler Overhaul/ Annual Maintenance
	7	500	19-Jul-12	22-Aug-12	35	Boiler Overhaul/ Annual Maintenance
Total		2,600				
Simhadri STPS	1	500	16-Aug-12	8-Sep-12	24	Boiler Overhaul/ Annual Maintenance
	2	500				
	3	500	1-Nov-12	30-Nov-12	30	Boiler Overhaul/ Annual Maintenance
Total		1,500				
Neyveli Fst Ext	1	210	22-Sep-12	31-Oct-12	40	Boiler Overhaul/ Annual Maintenance
	2	210	5-Nov-12	4-Dec-12	30	Boiler Overhaul/ Annual Maintenance
Total		420				

Station Name	Unit	Capacity (MW)	Start Date	End Date	No. of Maintenance		Reason
					Days		
Neyveli St I	1	50	20-Oct-12	9-Nov-12	21		Boiler Overhaul/ Annual Maintenance
	2	50	17-Jun-12	7-Jul-12	21		AOH
	3	50	1-May-12	21-May-12	21		AOH
	4	50	26-Jun-12	9-Aug-12	45		AOH
	5	50	12-Jun-12	16-Jun-12	5		AOH
			11-Nov-12	1-Dec-12	21		AOH
	6	50	22-May-12	11-Jun-12	21		AOH
	7A	50	1-Sep-12	21-Sep-12	21		AOH
	7B	50	31-Aug-12	30-Sep-12	31		AOH
	8A	50	2-Dec-12	22-Dec-12	21		AOH
	8B	50	3-Dec-12	23-Dec-12	21		AOH
	9A	50	10-Aug-12	30-Aug-12	21		AOH
	9B	50	11-Aug-12	31-Aug-12	21		AOH
Total		600					
Neyveli St II	1	210	1-Jul-12	19-Aug-12	50		AOH
	2	210	5-Oct-12	18-Nov-12	45		AOH
	3	210	4-Nov-12	7-Jan-13	65		AOH
	4	210	20-Sep-12	14-Oct-12	25		AOH
	5	210	8-Aug-12	1-Sep-12	25		AOH
	6	210	9-Dec-12	2-Jan-13	25		AOH
	7	210	23-Aug-12	6-Oct-12	45		AOH
Total		1,470					
Talcher-II	5	500	24-Jul-12	27-Aug-12	35		AOH
	6	500	15-Jun-12	19-Jul-12	35		AOH
Total		1,000					
Andhra Pradesh Generating Company Ltd.							
Kotha Gudem	1	60	1-Jul-12	15-Jul-12	15		AOH
	2	60	1-Jun-12	15-Jun-12	15		AOH
	3	60	15-Sep-12	30-Sep-12	16		AOH
	4	60	1-Sep-12	15-Sep-12	15		AOH
	5	120	1-Aug-12	15-Aug-12	15		AOH
	6	120	1-Oct-12	15-Oct-12	15		AOH
	7	120	1-Sep-12	15-Sep-12	15		AOH
	8	120	1-Jul-12	15-Jul-12	15		AOH
	9	250					
	10	250	15-Jun-12	30-Jun-12	16		AOH
Total		1,220					
Vijaywada	1	210	1-Jul-12	9-Aug-12	40		AOH
	2	210	1-Sep-12	15-Sep-12	15		AOH
	3	210	15-Sep-12	30-Sep-12	16		AOH
	4	210	15-Oct-12	30-Oct-12	16		AOH
	5	210					AOH
	6	210	1-Jun-12	15-Jun-12	15		AOH
	7	500	1-Aug-12	15-Aug-12	15		AOH
Total		1,760			1		AOH
Ramagundam-B	1	62.5	1-Aug-12	30-Aug-12	30		AOH
Rayal Seema	1	210	1-Oct-12	30-Oct-12	30		AOH
	2	210	1-Sep-12	15-Sep-12	15		AOH
	3	210	15-Jul-12	30-Jul-12	16		AOH
	4	210	15-Aug-12	30-Aug-12	16		AOH
	5	210	15-Sep-12	30-Sep-12	16		AOH
Total		1,050					
Kakatiya TPP	1	500	15-Nov-12	30-Nov-12	16		AOH

Capacity					No. of		
Station Name	Unit	(MW)	Start Date	End Date	Days	Maintenance	
Reason							
Karnataka Power Corporation Ltd.							
Raichur TPS	1	210	1-Oct-12	30-Dec-12	91	Annual	Maintenance
	2	210	8-Aug-12	27-Aug-12	20	Annual	Maintenance
	3	210	18-Sep-12	7-Oct-12	20	Annual	Maintenance
	4	210	22-Jun-12	12-Jul-12	21	Annual	Maintenance
	5	210	8-Aug-12	27-Aug-12	20	Annual	Maintenance
	6	210	15-Jul-12	4-Aug-12	21	Annual	Maintenance
	7	210	27-Aug-12	16-Sep-12	21	Annual	Maintenance
	8	250	1-Jun-12	20-Jun-12	20	Annual	Maintenance
Total	1,720						
Bellary TPP	1	500	1-Sep-12	25-Sep-12	25	Annual	Maintenance
IPP(UPCL)	1	600	15-Sep-12	10-Oct-12	26	Annual	Maintenance
	2	600	2-Jan-13	11-Jan-13	10	Annual	Maintenance
Total	1,200						
Tamil Nadu Electricity Board							
Ennore	1	60	21-Apr-12	27-Apr-12	7	Annual	Maintenance
	2	60	10-Aug-12	24-Aug-12	15	Annual	Maintenance
	3	110	11-Jul-12	17-Jul-12	7	Annual	Maintenance
	4	110	15-Sep-12	21-Sep-12	7	Annual	Maintenance
	5	110	1-Oct-12	29-Dec-12	90	Annual	Maintenance
Total	450						
Tuticorin	1	210	26-Jun-12	14-Aug-12	50	Annual	Maintenance
	2	210	6-Jun-12	20-Jun-12	15	Annual	Maintenance
	3	210	8-Dec-12	22-Dec-12	15	Annual	Maintenance
	4	210	29-Aug-12	12-Oct-12	45	Annual	Maintenance
	5	210	10-Nov-12	24-Nov-12	15	Annual	Maintenance
Total	1,050						
Mettur	1	210	25-Dec-12	8-Jan-13	15	Annual	Maintenance
	2	210	10-Jun-12	24-Jun-12	15	Annual	Maintenance
	3	210	16-Sep-12	4-Nov-12	50	Annual	Maintenance
	4	210	12-Jul-12	26-Jul-12	15	Annual	Maintenance
Total	840						
North Chennai	1	210	22-Jun-12	6-Jul-12	15	Annual	Maintenance
	2	210	20-Nov-12	4-Dec-12	15	Annual	Maintenance
	3	210	1-Aug-12	14-Sep-12	45	Annual	Maintenance
Total	630						
IPP(P.P.Nallur-1)	1	331	During Oct-Nov.2012		16	Annual	Maintenance
Eastern Region							
Kahalgaon STPS-I	1	210	16-Jan-13	20-Feb-13	35	Boiler Overhaul/ Annual Maintenance	
	2	210	1-Jul-12	20-Jul-12	20	Boiler Overhaul/ Annual Maintenance	
	3	210	2-Aug-12	21-Aug-12	20	Boiler Overhaul/ Annual Maintenance	
	4	210				No Overhauling	
Kahalgaon STPS-II	5	500	5-Sep-12	14-Oct-12	40	Boiler Overhaul/ Annual Maintenance	
	6						
	7	500	27-Oct-12	30-Nov-12	35	Boiler + Generator	
Total	1,840						
Talcher TPS	1	60	25-Jun-12	9-Jul-12	15	Boiler Overhaul/ Annual Maintenance	
	2	60	1-Nov-12	15-Nov-12	15	Boiler Overhaul/ Annual Maintenance	
	3	60	15-May-12	13-Jun-12	30	Boiler Overhaul/ Annual Maintenance	
	4	60	20-Jul-12	3-Aug-12	15	Boiler Overhaul/ Annual Maintenance	
	5	110	1-Apr-12	5-May-12	35	COH+FSSS R&M+REFURBISHED HPT	
	6	110	18-Sep-12	12-Oct-12	25	COH+FSSS R&M+REFURBISHED HPT	
Total	460						
Talcher STPS-I	1	500 No Overhauling					
	2	500	1-Sep-12	25-Sep-12	25	Boiler + Generator	
Talcher STPS-II	3	500 No Overhauling					
	4	500 No Overhauling					
	5	500	24-Jul-12	27-Aug-12	35	Boiler Overhaul/ Annual Maintenance	
	6	500	15-Jun-12	19-Jul-12	35	Boiler Overhaul/ Annual Maintenance	
Total	3,000						

Station Name	Unit	Capacity (MW)	Start Date	End Date	No. of Maintenance Days	Reason
SEL	1	600	Aug-Sep,2012		35	
	2	600	July,2012		25	
	3	600	Aug.,2012		25	
	Total	1800				
Farakka STPS	1	200	21-Jul-12	19-Aug-12	30	Boiler Overhaul/ Annual Maintenance
	2	200				
	3	200	1-Apr-12	5-May-12	35	Boiler +RLA
	4					
	5	500	25-Aug-12	24-Sep-12	31	Boiler + LPT RLA
	Total	2,900				
Damodar Valley Corporation						
Chandrapura	1	130	7-Apr-12	12-May-12	35	Annual Overhauling
	2	130				
	3	130	3-Oct-12	23-Oct-12	20	Annual Overhauling
	4	120				
	5	120				
	6	120				
	7	250				
	8	250				
	Total	1,250				
Durgapur	3	140	12-Jan-12	1-Feb-12	20	Annual Overhauling
	4	210	15-Jul-12	4-Aug-12	20	Annual Overhauling
	Total	350				
Bokaro - B	1	210	22-Nov-12	12-Dec-12	20	Annual Overhauling
	2	210	15-May-12	19-Jun-12	35	Capital Overhauling
	3	210				
	Total	630				
Mejia	1	210	2-Jun-12	12-Jul-12	40	Capital Overhauling
	2	210				
	3	210				
	4	210	5-Aug-12	14-Sep-12	40	Capital Overhauling
	5	250				
	6	250	17-Dec-12	6-Jan-12	20	Annual Overhauling
	Total	1,340				
Bihar State Electricity Board						
Barauni	4	50				
	5	50				
	6	105	1-Jun-12	31-Mar-13	304	Renovation & Modernisation
	7	105	1-Apr-12	25-Jul-12	116	Renovation & Modernisation
	Total	310				
VPGL						
Muzaffarpur	1	110	1-Apr-12	31-Oct-12	214	Renovation & Modernisation
	2	110	1-Nov-12	31-Mar-13	151	Renovation & Modernisation
	Total	220				
Jharkhand State Electricity Board						
PATRATU	1					
	2					
	3	40	1-Apr-12	31-Mar-13	365	Annual Maintenance
	4	40				
	5	90	1-Apr-12	31-Mar-13	365	Annual Maintenance
	6	90				
	7	105				
	8	105	1-Apr-12	31-Mar-13	365	Annual Maintenance
	9	110	1-Apr-12	31-Mar-13	365	Fire Hazard
	10	110	1-Apr-12	31-Mar-13	365	Fire Hazard
	Total	690				

Sheet 11 of 12						
Station Name	Unit	Capacity (MW)	Start Date	End Date	No. of Maintenance Days	Reason
Tenughat Vidyut Nigam Ltd.						
Tenughat	1	210	1-Aug-12	20-Aug-12	20	Annual Overhaul
	2	210	1-Jul-12	21-Jul-12	21	Annual Overhaul
Total		420				
Orissa Power Generation Company Ltd.						
I.B.Valley	1	210	1-Jul-12	17-Jul-12	17	Annual Overhaul
	2	210	1-Jan-13	17-Jan-13	17	Annuual overhaul
Total		420				
West Bengal Power Development Corporation Ltd.						
Bandel	1		10-Sep-12	30-Sep-12	21	Boiler
	2					
	3		1-Aug-12	21-Aug-12	21	Boiler
	4					
	5	250	15-Dec-12	31-Dec-12	17	Boiler
Total		250				
Santalidih	1					
	2					
	3					
	4					
	5	250	1-Jun-12	25-Jun-12	25	Mini Shut Down
Total		250				
Kolaghat	1	210				
	2	210	1-Nov-12	5-Dec-12	35	Boiler+Generating overhauling
	3	210				
	4	210	1-Jun-12	30-Jun-12	30	Con
	5	210				
	6	210	1-Aug-12	30-Aug-12	30	Generator
Total		1,260				
Bakreswar	1	210				
	2	210	1-Sep-12	20-Sep-12	20	Boiler
	3	210	16-Jul-12	31-Jul-12	16	Boiler License
	4	210				
	5	210				
Total		1,050				
Sagardighi TPP	1	300	1-May-12	20-May-12	20	Short shut down
	2	300	1-Dec-12	20-Dec-12	20	Short shut down
Total		600				
D.P.L.	1	30				
	2	30				
	3	75	1-Jul-12	31-Aug-12	62	Unit Overhauling
	4	75				
	5	75	16-Nov-12	14-Jan-13	60	Gen Repair & Boiler
	6	110				
	7	300	1-Nov-12	15-Nov-12	15	Unit Overhauling
Total		695				
Calcutta Electricity Supply Company						
New Cossipore	1	30				
	2	30				
	3	50				
	4	50				
Total		160				

Station Name	Capacity		No. of			Reason
	Unit	(MW)	Start Date	End Date	Days	
Titagarh	1	60	20-Nov-12	10-Dec-12	20	Boiler Inspection
	2	60	16-Nov-12	19-Nov-12	4	Statutory Hydraulic test
	3	60	12-Nov-12	15-Nov-12	4	Statutory Hydraulic test
	4	60	28-Oct-12	11-Nov-12	15	Boiler Inspection+Turbine
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 2012-13

Scheme	State/ Implementing Agency	No. of Units & Unit Size (MW)	Capacity (MW)	Commissioning Schedule
Thermal				
Vindhyachal STPS-IV, U-11	MP	500	500	July, 12
Rihand STPS- III, U-5	UP	500	500	June, 12
Sipat-I, U-3	Chattisgarh	660	660	June, 12
Mouda TPP, U-1	Maharashtra	500	500	July,12
Indira Gandhi TPP, U-3	Haryana	500	500	Dec, 12
Vallur TPP Ph I U-2	TN	500	500	Feb, 13
Koderma TPP U-2	Jharkhand	500	500	Dec, 12
Tripura Gas, Module-1	Tripura	363.3	363.3	Nov, 12
Marwa TPP, U-1	Chattisgarh	500	500	Feb, 13
Pragati CCGT - III , GT-3	Delhi	250	250	Aug, 12
Pipavav CCP, Block-2	Gujarat	351	351	Jan, 13
Ukai TPP Extn. U-6	Gujarat	490	490	Dec, 12
Ramgarh GT,	Rajasthan	110	110	Jan, 13
Ramgarh ST	Rajasthan	50	50	Feb, 13
Satpura TPS Extn , U-10	MP	250	250	Feb, 13
North Chennai Extn, U-2	TN	600	600	Mar, 13
Mettur TPS Ext, U-1	TN	600	600	Jun-12
Parichha Extn, U-5	UP	250	250	Jun-12
Parichha Extn, U-6	UP	250	250	Sep-12
Harduaganj Ext, U-9	UP	250	250	May-12
Simhapuri TPP Ph-I, U-2	AP	150	150	Sep-12
Thamminapatnam TPP-I	AP	150	150	Aug-12
Thamminapatnam TPP-I, U-2	AP	150	150	Nov-12
Vandana Vidyut TPP, U-1	Chattisgarh	135	135	Dec-12
Kasaipalli TPP , U-2	Chattisgarh	135	135	Jun-12
Swastik Korba , U-1	Chattisgarh	25	25	Jun-12
Mundra UMTTP, U-2	Gujarat	800	800	Dec-12
Salaya TPP, U-2	Gujarat	600	600	Aug-12
Jajjar TPS (Mahatama Gandhi TPP) , U-2	Haryana	660	660	April, 12
Adhunik Power TPP, U-1	Jharkhand	270	270	Sep-12
Maitrishi Usha TPP, Ph-I, U-1(Corporate Power Ltd)	Orissa	270	270	Dec-12
Butibori TPP Ph-II, U-1	Maharashtra	300	300	Aug-12
Bela TPP-I, U-1	Maharashtra	270	270	Sep-12
EMCO Warora TPP, U-1	Maharashtra	300	300	Nov-12
Tirora TPP Ph-I, U-1	Maharashtra	660	660	Aug-12
Tirora TPP Ph-I, U-2	Maharashtra	660	660	Nov-12
Tirora TPP Ph-II, U-1	Maharashtra	660	660	Feb-13
Bina TPP, U-1	MP	250	250	Sep-12
Jallipa-Kapurdi TPP, U-5	Rajasthan	135	135	Mar-13
Sterlite TPP, U-4	Orissa	600	600	Jun-12
Total Thermal		15154.3	15154.3	

Generating Schemes Expected to be commissioned during 2012-13

Scheme	State/ Implementing Agency	No. of Units & Units size (MW)	Capacity (MW)	Commissioning Schedule
Hydro				
Parbati-III U-I	HP	130	130	March,13
Uri-II U-1	J&K	60	60	Aug,12
Uri-II U-2	J&K	60	60	Sep,12
Uri-II U-3	J&K	60	60	Nov,12
Uri-II U-4	J&K	60	60	Dec,12
Chamera-III U-1	HP	77	77	Jun,12
Chamera-III U-2	HP	77	77	Aug,12
Chamera-III U-3	HP	77	77	Oct,12
Chutak U-1	J&K	11	11	Sep,12
Chutak U-2	J&K	11	11	Sep,12
Chutak U-3	J&K	11	11	Nov,12
Chutak U-4	J&K	11	11	Dec,12
Bhawani Kattalai B-II U-1	TN	15	15	Jun-12
Bhawani Kattalai B-II U-2	TN	15	15	July,12
Bhawani Kattalai B-III U-1	TN	15	15	Oct,12
Myntdu U-3	Megh.	42	42	March,13
Budhil U-1	HP	35	35	May,12
Budhil U-2	HP	35	35	July,12
Total Hydro		802	802	
Nuclear		2000	2000	
Total Nuclear		2000	2000	
Total (Thermal + Hydro + Nuclear)		17956.3	17956.3	

Allocation of power from Central Generating Stations as on 31/03/12 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	17,994	15,732	2,031	514	1298	219	231	Note (1)
Western	11,072	9,522	1,550	476	1065	0	0	Note (2)
Southern	8,310	6,817	1,193	10	1183	0	300	Note (3)
Eastern	4,994	4,163	776	0	516	260	55	Note (4)
North-Eastern	1,335	1,052	283	0	183	100	0	Note (5)
Total	43,705	37,286	5,833	1000	4245	579	586	

(#) 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 to 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-I (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 = 40 MW, 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 31/03/12 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	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	
CGS (NR only) w/o RAPP 3 and 4 RAPP 3 and 4	16036 440																						
CGS(NR) + RAPP 3 and 4	16476																						
Tala Power [F-113,K1-261,K2-	998																						
Kahalgaon-II (NR share) [841-343]	498																						
CGS(NR) + RAPP 3 and 4+Tala (1020)+ Kahalgaon-II (NR share=498 MW)	17994																						
CGS(NR) + RAPP 3 and 4+Tala (1020) Singrauli STPS	17554 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			0	
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			0	
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			0	
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			0	
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			0	
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			0	
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			0	
Indira Gandhi STPS (Jhajjar) (Unit 1)	500	0.0	0	0.0	0	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			0	
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			0	
Chamera HPS- I	540	3.9	21	7.9	43	15.8	85	14.9	80.5	3.9	21	10.2	55	19.6	106	20.3	109	3.5	19			0	
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			0	
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			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			0	
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	%	
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		
Koteshwar HEPS (Unit 1,2 & 3)	300	0.4	1.1	9.9	29.6	4.2	12.6	2.5	7.5	4.5	13.6	6.4	19.1	8.4	25.1	38.8	116.3	15.2	45.5		
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]	841	0	3	10	157	5	69	2	23	6	83	8	120	7	107	17	251	2	28		
Firm Power	15358.00		99.00		3162.00		1334.00		974.00		1265.00		1861.00		1592.00		4394.00		679.00		
Non-Firm Allocations	440																				
RAPS # 3 & 4 ***	440	0	0	0	0	10.91	48	0	0	7.95	35	22.73	100	28.41	125	15	66	0	0		
Dedicated Stations	1876																				
Badarpur TPS	705			100	705											100	440				
Tanda TPS	440																				
Faridabad CCGT	431					100	431														
RAPS-A(#1 & 2)	300													100	300						
Total Unallocated Power **	2031																				
Specific Allocations																					
To Power Grid (HVDC)	2																			2	
To Railways	100																				100
To J&K	0									0											
For bundling with Solar power (under JNNSM)	112											2			110						
To UP (due to drought)	300															300					
Unallocated Power	1298	7	91	0	0	9	117	14	182	22	285	4	52	15	195	20	260	9	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	56.1	37	22.7	15	0	0		
UA of Tala	153	0.0	0	19.6	30	9.8	15	0	0	11.8	18	19.6	30	9.8	15	29.4	45	0	0		
Entitlement in NR	19639		204		3897		1945		1156		1603		2045		2374		5520		796	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								
Total Power including ER Power	19639		204		3897		1945		1156		1603		2045		2374		5520		796	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 beneficiaries 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 to 18 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.

Allocation of power from Central Generating Stations as on 31/03/12 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	%	
CGS(WR)+Kahalgaon-II(WR share)	11072																		
Central Sector Stations	10674																		
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				
Sipat STPS Stage-I (1 unit)	660	15.81	104	27.28	180	14.29	94	25.76	170	0.40	3	0.45	3	1.01	7				
Kawas GBS (-)	656	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	9124		775		2627		2088		3227		33		60		315				
Unallocated Power	1550																		
Specific Allocations :	50									40		10							
From Korba STPS	97.34									28.99		55.99		12.36					
From Kawas GPS	98.41									29.31		56.46		12.64					
From Gandhar GPS	18									4									
From Kakrapar APS																			
From Vindhyachal STPS to (@)	2.520															0.20	2.520		
To HVDC-BHD Station	0.756															0.06	0.756		
To HVDC-VIN Station	8					8													
To SEZ- MPAKVNL	200					200													
To MP(Bundelkhand)	9							9											
For bundling with Solar power (under JNNSM)																			
Balance Unallocated in pool (**)	1065	0.00	0	0.00	0	17.22	183	44.07	469	2.54	27	35.80	381	0.37	4				14
Allocation to SEZ-MPAKVNL from MP vide MOP Ir. Dated 13.10.08	5					5													
Total allocation to SEZ-MPAKVNL	13					13													
UA from Ratnagiri CCPP of RGPPL																			
[2 Blocks of 740 MW each] (**)																			
Entitlement in WR	10674		775		2627		2479		3705		163		563		344		3.276		14
Unallocated Power from	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				
Unallocated Power from Kahalgaon STPS-II unit 1 (#)			0.0		0.0		0.0		0.0		0.0		0.0		0.0				0.0
Allocation from Ramagundam STPS (2100 MW) of SR (##)	100									0.00	0	0.00	0	4.76	100				
Total Power including ER and SR	11172		805		2768		2553		3853		165		566		444		3.276		14

(**) 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 Chhattisgarh 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 31/03/12 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	8310														
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&4 (N)	440	28.2	124	26.8	118	20.9	92	7.7	34	1.4	6	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		
Simhadri STPS St.II unit 1	500	38.4	192	17.6	88	19.8	99	8.1	41	1.1	5	0.0	0		
Firm Share	6817		1847		1416		2323		900		231		100		
Total Unallocated Power	1193														
Specific Allocations															
For bundling with Solar power (under JNNM)	10		10												
Balance unallocated power (po	1183														
Unallocated Power (Pool)*	1183	18.4	218	21.6	256	26.1	309	19.5	231	13.80	163	0.0	0	0.6	6.25
Dedicated Stations															
Simhadri	1000	100	1000												
Kayamkulam CCGT (@)	360					0	0	100	360						
Neyveli - I	600					100	600								
Total	1960		1000				600		360						
Entitlement in SR	9970		3075		1672		3232		1491		394		100		6.25
Unallocated Power from NTPC															
Stations of Eastern Region	150		0		0		15		135		0				
Power from DVC's share of															
ER	35						35				0				
Diversion of firm share of															
Delhi (231 MW) in Indira	231		231												
Gandhi STPS (Jhajjar) (Unit															
Total Power including ER	10386		3306		1672		3282		1626		394		100		6.25
Power															

@ 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 31/03/12 of the Northern, Western, Southern, Eastern and North Eastern Regions

Eastern Region

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

STATION	Installed Capacity (#)	BHAR	JHARKHAND	D.V.C.	ODISSA	WEST BENGAL	SIKKIM	ER Total	ASSAM	TAMIL NADU	ANDHRA PRADESH	NORTHERN REGION	WESTERN REGION	TOTAL
	MW	% MW	% MW	% MW	% MW	% MW	% MW	% MW	% MW	% MW	% MW	% MW	% MW	% MW
Central Sector Stations	4664													
Farakka	1600	23.71 379	6.38 102	0.00 0	13.63 218	30.54 489	1.63 26	75.89 1214	0.73 12	1.29 21	0 0			77.91 1247
Kahalgaoon	840	34.88 293	1.20 10	0.00 0	15.24 128	0.00 0	1.55 13	52.87 444	0.41 3	0.70 6	0 0			53.98 453
Kahalgaoon - II (3 units)	1500				2.05 31		0.33 5	2.38 36				33.2 498	26.5 398	62.11 932
Talcher	1000	34.35 344	5.70 57	0.31 3	31.80 318	9.10 91	2.40 24	83.66 837	0.49 5	0.85 8	0 0			85.00 850
Total NTPC	3944	1016	169	3	695	580	68	2531	20	35	0	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	1486	386	168	884	1225	149	** 4298						
UA power of NTPC stations		256	140		0			396						
Allocation of DVCs surrendered share	55								20	35	0			55
Dedicated Station Talcher TPS	460				100.00 460			460						
Allocation from TalcherSt. II (T)					200			200						
Entitlement of ER constituents		1742	526	168	1544	1225	149	5354						

* 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

STATION	INSTALLED CAPACITY	SOUTHERN REGION	NORTH EASTERN REGION (Assam, Meghalaya & Nagaland)	WESTERN REGION	NORTHERN REGION	Bihar	JHARKHAND	Orissa	PGCIL	TOTAL MW
	MW	% MW	% MW	% MW	% MW	% MW	% MW	% MW	% MW	MW
Farakka	1600	4.38 70	2.74 44	0.00 0	0.00 0	4.53 73	3.35 53	0.00 0		240
Kahalgaoon	840	4.32 36	2.71 23	0.00 0	0.00 0	4.50 38	3.32 28	0.00 0	0.15 1	126
Kahalgaoon-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	4.38 44	2.74 27	0.00 0	0.00 0	4.53 45	3.35 34	0.00 0		150
Total		150	194	0	0	256	140	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	Kahalgaoon 840 MW	Kahalgaoon - II (1500 MW)	Mezla #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 Stns. Talcher-II	UA of NTPC stns.	UA power of hydro stations	UA power of Kahalgaoon-II	Total UA allocated to ER constituents (Firm + UA) to ER constituents
All figures in MW					
4163	660	271	135	125	531.1
					5354

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 31/03/12 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	94		10		49			25		8		2			
Power from NTPC Stations of Eastern Region out of DVC quota	20				20										0
Total Power incld. ER	1449		134		721		123		212		74		80		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

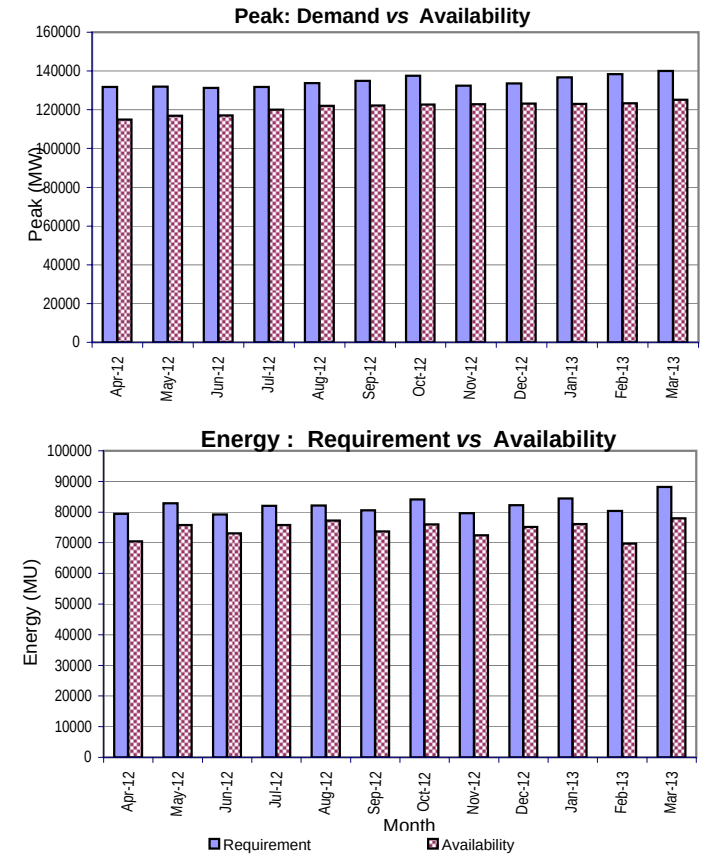
The shares as given in % may be taken, the MW values are indicative.

Frequency Profile						
April, 2011 to March, 2012						
Northern / Western / Eastern / North-Eastern Regions						
Month	% of Time when Frequency was					
	Below 49.5 Hz	Between 49.5-50.2 Hz	Above 50.2 Hz	Average Frequency	Max. Freq.	Min. Freq.
April, 2011	6.98	91.73	1.29	49.86	50.65	48.81
May, 2011	3.17	92.11	4.72	49.92	50.95	49.00
June, 2011	4.61	90.75	4.64	49.90	50.60	48.82
July, 2011	4.81	93.32	1.87	49.84	50.40	49.14
Aug' 2011	3.88	91.64	4.48	49.88	50.89	48.78
Sep' 2011	6.23	88.06	5.71	49.91	50.66	48.80
Oct' 2011	23.11	76.09	0.80	49.69	50.63	48.57
Nov' 2011	10.59	88.90	0.51	49.75	50.58	48.75
Dec' 2011	16.00	83.24	0.76	49.74	50.42	48.82
Jan' 2012	5.32	89.81	4.87	49.87	50.84	48.99
Feb' 2012	2.71	95.46	1.83	49.84	50.49	49.05
Mar' 2012	2.15	95.35	2.50	49.87	50.61	48.96
Average	7.46	89.71	2.83	49.84	50.64	48.87
Southern Region						
April, 2011	19.72	78.47	1.81	49.67	50.86	48.81
May, 2011	5.93	91.71	2.36	49.82	50.87	48.83
June, 2011	2.05	95.97	1.98	49.84	50.84	48.77
July, 2011	1.38	97.24	1.38	49.82	50.39	49.29
Aug' 2011	0.28	96.24	3.48	49.90	50.65	49.34
Sep' 2011	4.91	91.74	3.35	49.88	50.74	48.81
Oct' 2011	8.52	90.93	0.55	49.68	50.52	48.80
Nov' 2011	5.55	93.60	0.85	49.71	50.62	48.81
Dec' 2011	2.89	95.99	1.12	49.74	50.70	48.93
Jan' 2012	2.87	96.41	0.72	49.74	50.79	48.87
Feb' 2012	5.29	94.34	0.37	49.69	50.99	48.81
Mar' 2012	8.07	91.75	0.18	49.64	50.79	48.84
Average	5.62	92.87	1.51	49.76	50.73	48.91

Anticipated month wise power supply position of India during the year 2012-13

All India

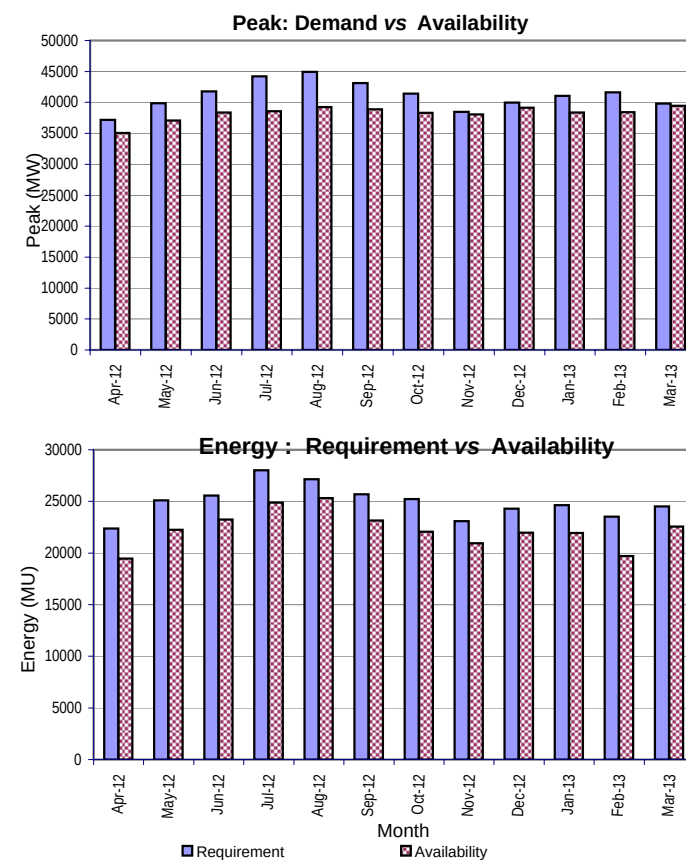
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	131752	114957	-16795	-12.7	79401	70455	-8946	-11.3
May-12	131962	116896	-15067	-11.4	82888	75813	-7075	-8.5
Jun-12	131250	117074	-14176	-10.8	79191	73070	-6121	-7.7
Jul-12	131761	120036	-11725	-8.9	82036	75791	-6245	-7.6
Aug-12	133803	122085	-11717	-8.8	82135	77221	-4914	-6.0
Sep-12	134978	122156	-12822	-9.5	80576	73687	-6889	-8.5
Oct-12	137465	122630	-14835	-10.8	84141	76022	-8119	-9.6
Nov-12	132504	122880	-9624	-7.3	79684	72426	-7258	-9.1
Dec-12	133604	123172	-10432	-7.8	82245	75109	-7136	-8.7
Jan-13	136660	122959	-13701	-10.0	84471	76052	-8419	-10.0
Feb-13	138362	123305	-15057	-10.9	80339	69749	-10590	-13.2
Mar-13	140090	125234	-14856	-10.6	88209	77976	-10233	-11.6
Annual	140090	125234	-14856	-10.6	985317	893371	-91946	-9.3



Anticipated month wise power supply position of Northern Region during the year 2012-13

Northern Region

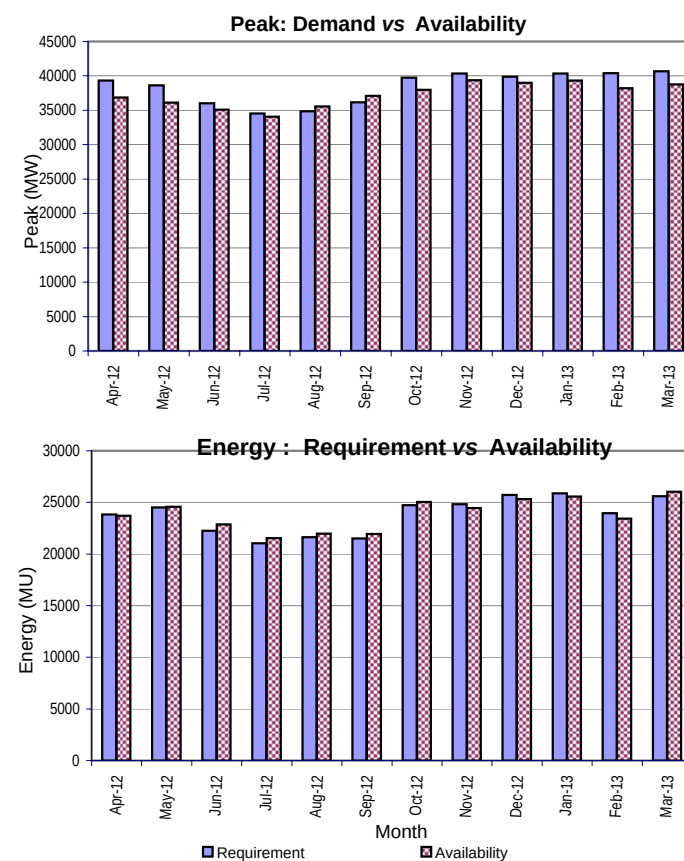
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	37200	35076	-2124	-5.7	22364	19453	-2911	-13.0
May-12	39849	37099	-2750	-6.9	25115	22255	-2860	-11.4
Jun-12	41774	38368	-3406	-8.2	25557	23233	-2324	-9.1
Jul-12	44229	38568	-5661	-12.8	28024	24875	-3149	-11.2
Aug-12	44953	39270	-5683	-12.6	27144	25316	-1828	-6.7
Sep-12	43100	38904	-4196	-9.7	25682	23147	-2535	-9.9
Oct-12	41419	38331	-3088	-7.5	25219	22060	-3159	-12.5
Nov-12	38450	38056	-394	-1.0	23079	20964	-2115	-9.2
Dec-12	39945	39127	-818	-2.0	24312	21961	-2350	-9.7
Jan-13	41032	38379	-2653	-6.5	24624	21947	-2678	-10.9
Feb-13	41620	38442	-3178	-7.6	23520	19708	-3811	-16.2
Mar-13	39820	39429	-391	-1.0	24528	22576	-1952	-8.0
Annual	44953	39429	-5524	-12.3	299166	267495	-31672	-10.6



Anticipated month wise power supply position of Western Region during the year 2012-13

Western Region

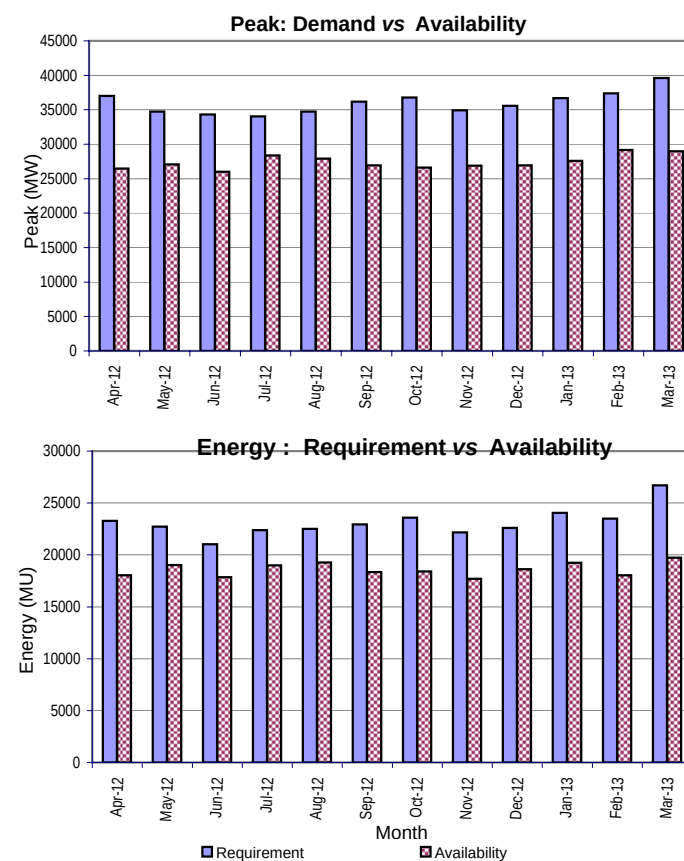
Month	Peak				Energy			
	Demand	Availability	Surplus(+)/Deficit (-)		Requirement	Availability	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	39312	36875	-2437	-6.2	23825	23719	-106	-0.4
May-12	38647	36124	-2523	-6.5	24505	24575	70	0.3
Jun-12	36038	35098	-940	-2.6	22244	22886	642	2.9
Jul-12	34545	34049	-496	-1.4	21054	21536	482	2.3
Aug-12	34861	35539	678	1.9	21645	21985	340	1.6
Sep-12	36168	37098	930	2.6	21523	21949	426	2.0
Oct-12	39759	37967	-1792	-4.5	24743	25044	301	1.2
Nov-12	40357	39352	-1005	-2.5	24836	24442	-394	-1.6
Dec-12	39902	39004	-898	-2.3	25728	25332	-396	-1.5
Jan-13	40339	39316	-1023	-2.5	25881	25573	-308	-1.2
Feb-13	40387	38227	-2160	-5.3	23953	23421	-532	-2.2
Mar-13	40659	38753	-1906	-4.7	25604	26035	431	1.7
Annual	40659	39352	-1307	-3.2	285541	286497	956	0.3



Anticipated month wise power supply position of Southern Region during the year 2012-13

Southern Region

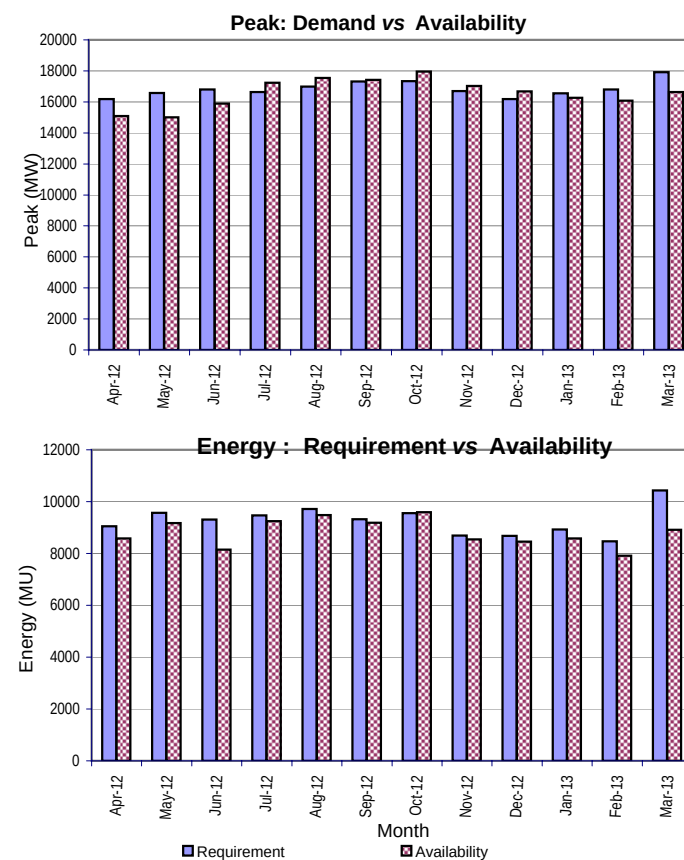
Month	Peak				Energy			
	Demand	Availability	Surplus(+)/Deficit (-)		Requirement	Availability	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	37013	26452	-10561	-28.5	23268	18036	-5232	-22.5
May-12	34735	27057	-7678	-22.1	22717	19031	-3686	-16.2
Jun-12	34320	26001	-8319	-24.2	21042	17867	-3175	-15.1
Jul-12	34061	28378	-5683	-16.7	22394	18978	-3416	-15.3
Aug-12	34725	27920	-6805	-19.6	22501	19267	-3234	-14.4
Sep-12	36192	26958	-9234	-25.5	22950	18351	-4599	-20.0
Oct-12	36777	26618	-10159	-27.6	23588	18420	-5168	-21.9
Nov-12	34945	26904	-8041	-23.0	22165	17691	-4474	-20.2
Dec-12	35591	26949	-8642	-24.3	22596	18608	-3988	-17.6
Jan-13	36685	27601	-9084	-24.8	24063	19231	-4832	-20.1
Feb-13	37376	29178	-8198	-21.9	23484	18045	-5439	-23.2
Mar-13	39614	28982	-10632	-26.8	26712	19746	-6966	-26.1
Annual	39614	29178	-10436	-26.3	277480	223271	-54209	-19.5



Anticipated month wise power supply position of Eastern Region during the year 2012-13

Eastern Region

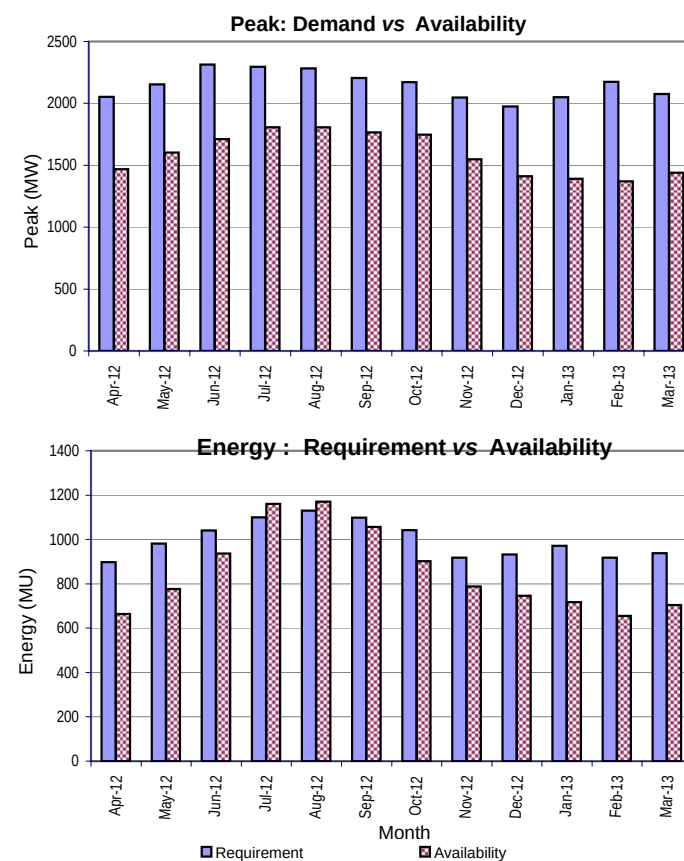
Month	Peak				Energy			
	Demand	Availability	Surplus(+)/Deficit (-)		Requirement	Availability	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	16175	15086	-1089	-6.7	9046	8584	-462	-5.1
May-12	16578	15014	-1565	-9.4	9570	9176	-394	-4.1
Jun-12	16804	15896	-908	-5.4	9307	8147	-1160	-12.5
Jul-12	16630	17234	604	3.6	9464	9242	-223	-2.4
Aug-12	16980	17549	570	3.4	9715	9483	-232	-2.4
Sep-12	17312	17429	117	0.7	9322	9183	-139	-1.5
Oct-12	17339	17966	627	3.6	9549	9596	46	0.5
Nov-12	16704	17020	316	1.9	8686	8541	-145	-1.7
Dec-12	16192	16680	488	3.0	8676	8461	-215	-2.5
Jan-13	16555	16271	-284	-1.7	8931	8584	-347	-3.9
Feb-13	16805	16087	-718	-4.3	8464	7920	-544	-6.4
Mar-13	17922	16631	-1291	-7.2	10427	8915	-1512	-14.5
Annual	17922	17966	44	0.2	111159	105831	-5328	-4.8



Anticipated month wise power supply position of North Eastern Region during the year 2012-13

North-Eastern Region

Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	2052	1468	-584	-28.5	898	664	-234	-26.0
May-12	2153	1602	-551	-25.6	981	776	-205	-20.9
Jun-12	2314	1711	-603	-26.1	1041	937	-104	-10.0
Jul-12	2296	1807	-489	-21.3	1100	1160	60	5.5
Aug-12	2284	1807	-477	-20.9	1130	1170	40	3.5
Sep-12	2206	1767	-439	-19.9	1099	1057	-42	-3.8
Oct-12	2171	1748	-423	-19.5	1042	902	-140	-13.4
Nov-12	2048	1548	-500	-24.4	918	788	-130	-14.2
Dec-12	1974	1412	-562	-28.5	933	746	-187	-20.0
Jan-13	2049	1392	-657	-32.1	972	718	-254	-26.1
Feb-13	2174	1371	-803	-36.9	918	655	-263	-28.6
Mar-13	2075	1439	-636	-30.7	938	704	-234	-24.9
Annual	2314	1807	-507	-21.9	11970	10277	-1692	-14.1



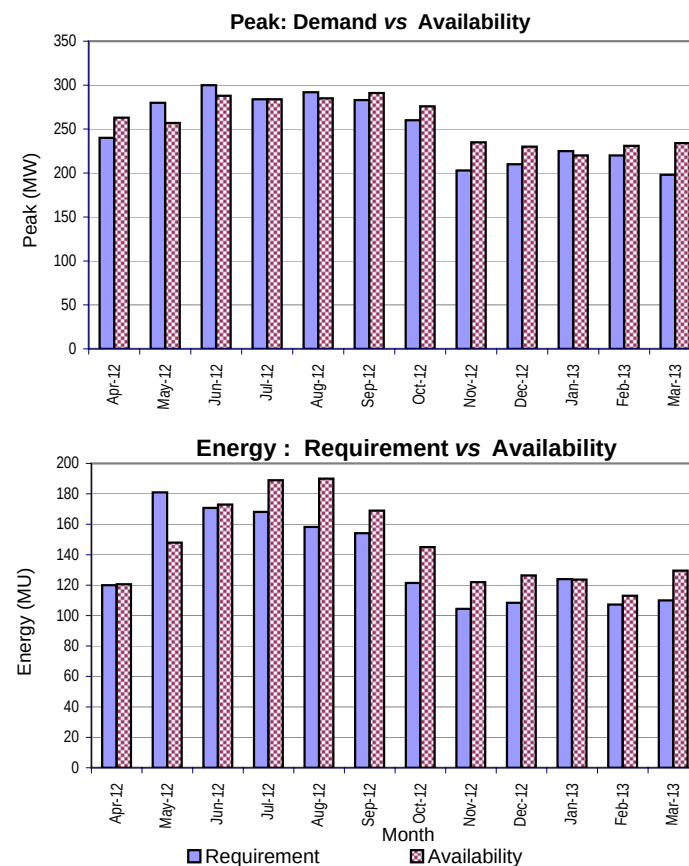
Anticipated annual power supply position in each State/ UT for 2012-13

State / Region	Energy				Peak			
	Requirement	Availability	Surplus(+)/Deficit (-)		Demand	Availability	Surplus(+)/Deficit (-)	
	(MU)	(MU)	(MU)	(%)	(MW)	(MW)	(MW)	(%)
Chandigarh	1628	1749	121	7.4	300	291	-9	-3.0
Delhi	28604	34394	5790	20.2	5500	5486	-14	-0.3
Haryana	40296	41373	1077	2.7	7200	7000	-200	-2.8
Himachal Pradesh	8792	8675	-117	-1.3	1420	2164	744	52.4
Jammu & Kashmir	15353	11297	-4056	-26.4	2650	1996	-654	-24.7
Punjab	48881	39918	-8962	-18.3	10890	7216	-3674	-33.7
Rajasthan	57139	51006	-6133	-10.7	9200	8191	-1009	-11.0
Uttar Pradesh	87153	70509	-16644	-19.1	12500	10377	-2123	-17.0
Uttarakhand	11322	8573	-2749	-24.3	1692	1606	-86	-5.1
Northern Region	299166	267495	-31672	-10.6	44953	39429	-5524	-12.3
Chhattisgarh	23992	31222	7230	30.1	3215	3169	-46	-1.4
Gujarat	76752	72931	-3821	-5.0	11489	10760	-729	-6.4
Madhya Pradesh	52700	44758	-7942	-15.1	8500	7369	-1131	-13.3
Maharashtra	121120	106497	-14623	-12.1	18550	15798	-2752	-14.8
Daman & Diu	2451	2252	-199	-8.1	325	262	-63	-19.4
D.N. Haveli	5100	5621	521	10.2	630	621	-9	-1.4
Goa	3426	3075	-351	-10.3	480	418	-62	-12.9
Western Region	285541	286497	956	0.3	40659	39352	-1307	-3.2
Andhra Pradesh	99734	76979	-22755	-22.8	15127	10697	-4430	-29.3
Karnataka	62255	61422	-833	-1.3	8838	7535	-1303	-14.7
Kerala	19865	16876	-2989	-15.1	3680	2998	-682	-18.5
Tamil Nadu	92637	65260	-27377	-29.6	13427	9299	-4128	-30.7
Puducherry	2989	2734	-255	-8.5	468	374	-94	-20.1
Southern Region	277480	223271	-54209	-19.5	39614	29178	-10436	-26.3
Bihar	14550	11609	-2940	-20.2	2500	1726	-774	-31.0
DVC	18427	18959	532	2.9	2625	3040	415	15.8
Jharkhand	7486	6149	-1338	-17.9	1260	1005	-255	-20.2
Orissa	25798	24523	-1275	-4.9	3700	4168	468	12.6
West Bengal	44409	43674	-735	-1.7	7194	6980	-214	-3.0
Sikkim	489	917	428	87.5	120	161	41	34.2
Eastern Region	111159	105831	-5328	-4.8	17922	17966	44	0.3
Arunachal Pradesh	719	532	-187	-26.0	151	120	-31	-20.5
Assam	6490	5512	-978	-15.1	1262	987	-275	-21.8
Manipur	564	627	63	11.2	149	122	-27	-18.1
Meghalaya	2130	1696	-434	-20.4	515	358	-157	-30.5
Mizoram	441	418	-23	-5.2	96	74	-22	-22.9
Nagaland	615	459	-156	-25.4	148	89	-59	-39.9
Tripura	1011	1033	22	2.2	263	174	-89	-33.8
North-Eastern Region	11970	10277	-1692	-14.1	2314	1807	-507	-21.9
All India	985317	893371	-91946	-9.3	140090	125234	-14856	-10.6

Anticipated month wise power supply position for 2012-13

Chandigarh

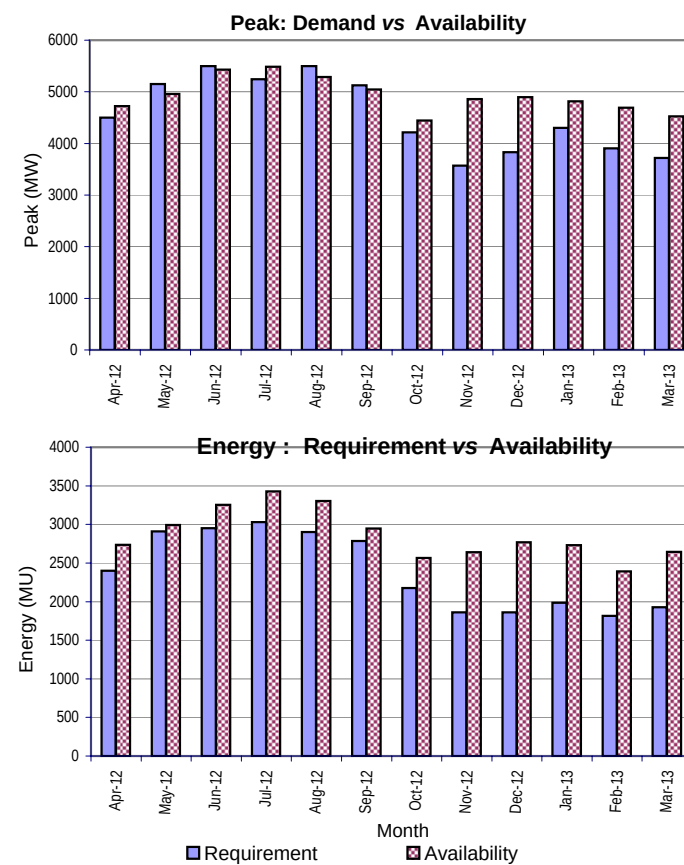
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	240	263	23	9.6	120	121	1	0.5
May-12	280	257	-23	-8.2	181	148	-33	-18.2
Jun-12	300	288	-12	-4.0	171	173	2	1.3
Jul-12	284	284	0	0.0	168	189	21	12.4
Aug-12	292	285	-7	-2.4	158	190	32	20.0
Sep-12	283	291	8	2.8	154	169	15	9.6
Oct-12	260	276	16	6.2	121	145	24	19.4
Nov-12	203	235	32	15.8	104	122	18	16.9
Dec-12	210	230	20	9.5	108	126	18	16.6
Jan-13	225	220	-5	-2.2	124	124	0	-0.3
Feb-13	220	231	11	5.0	107	113	6	5.3
Mar-13	198	234	36	18.2	110	130	20	17.8
Annual	300	291	-9	-3.0	1628	1749	121	7.4



Anticipated month wise power supply position for 2012-13

Delhi

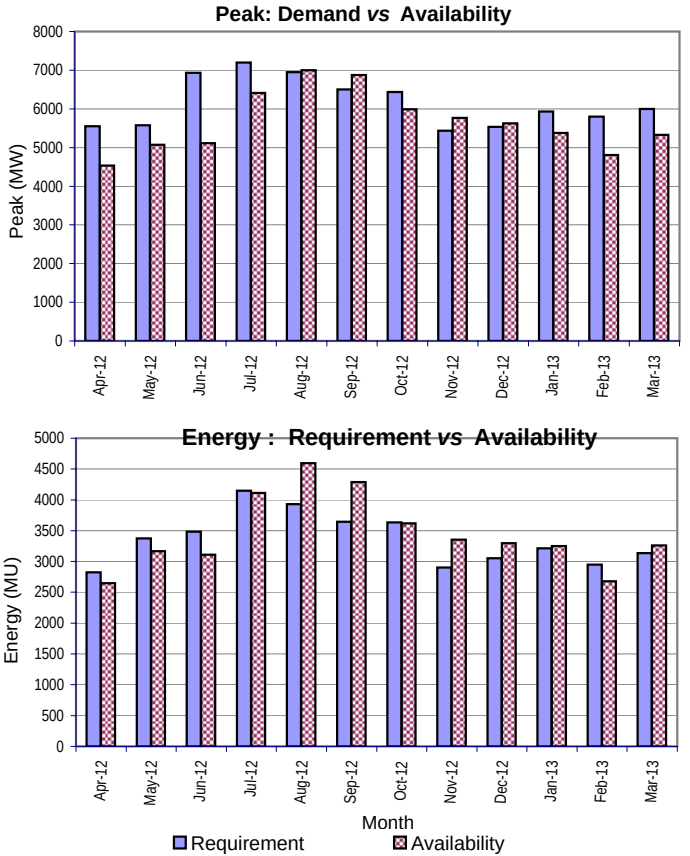
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	4500	4724	224	5.0	2400	2734	334	13.9
May-12	5151	4958	-193	-3.7	2911	2991	80	2.7
Jun-12	5498	5431	-67	-1.2	2949	3252	303	10.3
Jul-12	5244	5486	242	4.6	3032	3429	397	13.1
Aug-12	5500	5289	-211	-3.8	2900	3302	402	13.9
Sep-12	5127	5046	-81	-1.6	2787	2948	161	5.8
Oct-12	4212	4445	233	5.5	2176	2565	389	17.9
Nov-12	3573	4862	1289	36.1	1861	2639	778	41.8
Dec-12	3828	4896	1068	27.9	1861	2767	906	48.7
Jan-13	4304	4814	510	11.8	1986	2731	745	37.5
Feb-13	3905	4692	787	20.2	1816	2393	577	31.8
Mar-13	3718	4522	804	21.6	1926	2643	717	37.3
Annual	5500	5486	-14	-0.3	28604	34394	5790	20.2



Anticipated month wise power supply position for 2012-13

Haryana

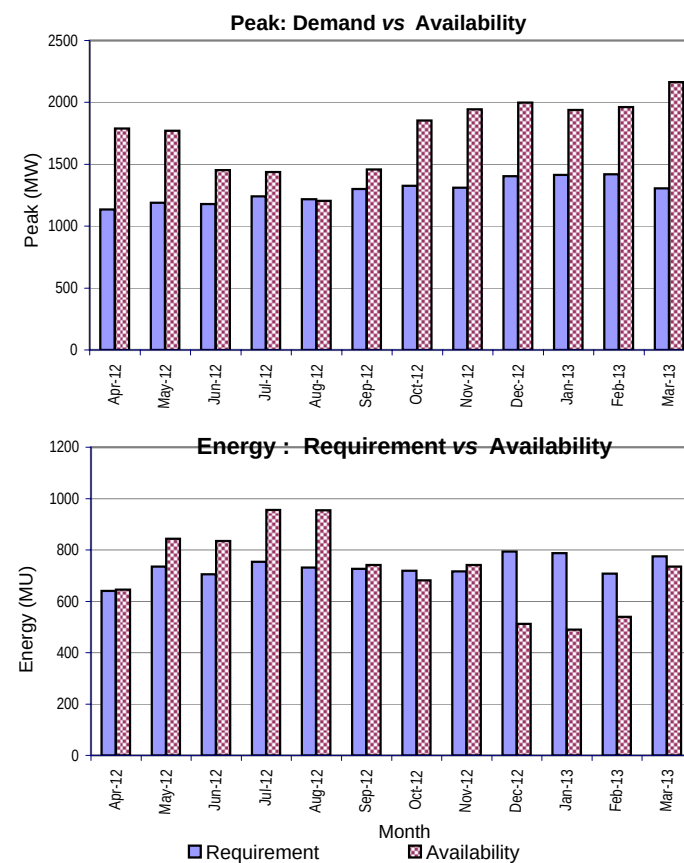
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	5552	4537	-1015	-18.3	2824	2646	-178	-6.3
May-12	5573	5071	-502	-9.0	3373	3166	-207	-6.1
Jun-12	6936	5109	-1827	-26.3	3485	3108	-377	-10.8
Jul-12	7200	6412	-788	-10.9	4150	4110	-40	-1.0
Aug-12	6946	7000	54	0.8	3931	4593	662	16.8
Sep-12	6500	6874	374	5.8	3645	4290	645	17.7
Oct-12	6438	5991	-447	-6.9	3637	3617	-20	-0.6
Nov-12	5432	5769	337	6.2	2901	3355	454	15.6
Dec-12	5534	5622	88	1.6	3051	3297	246	8.1
Jan-13	5928	5380	-548	-9.2	3214	3251	37	1.2
Feb-13	5802	4806	-996	-17.2	2950	2680	-270	-9.2
Mar-13	5996	5329	-667	-11.1	3135	3260	125	4.0
Annual	7200	7000	-200	-2.8	40296	41373	1077	2.7



Anticipated month wise power supply position for 2012-13

Himachal Pradesh

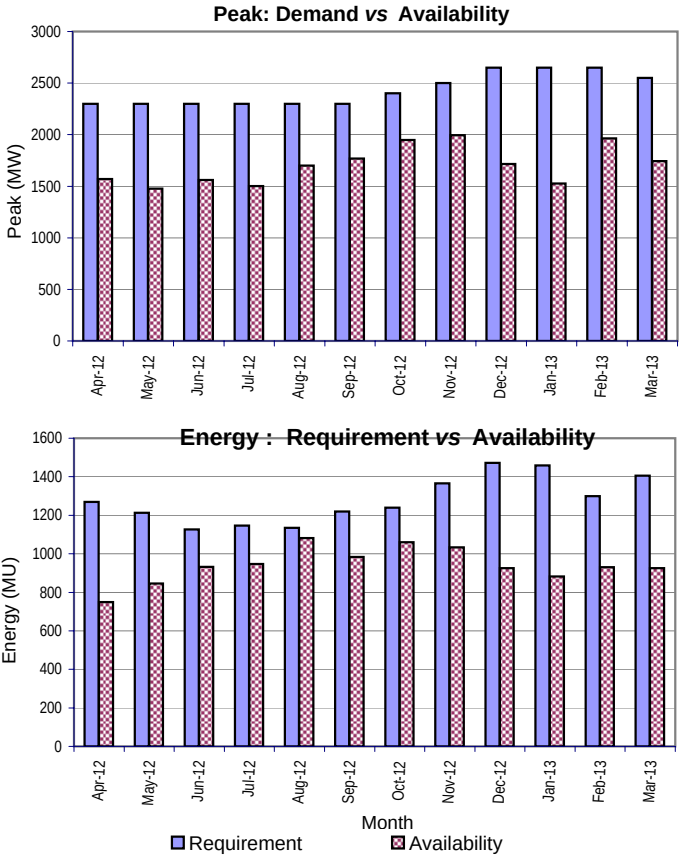
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	1134	1789	655	57.8	641	645	4	0.6
May-12	1189	1770	581	48.9	735	843	108	14.7
Jun-12	1180	1452	272	23.1	705	835	130	18.4
Jul-12	1240	1437	197	15.9	753	956	203	26.9
Aug-12	1218	1204	-14	-1.1	732	955	223	30.5
Sep-12	1300	1458	158	12.2	726	742	16	2.2
Oct-12	1325	1854	529	39.9	719	682	-37	-5.2
Nov-12	1312	1944	632	48.2	717	741	24	3.3
Dec-12	1405	1999	594	42.3	794	512	-282	-35.5
Jan-13	1415	1940	525	37.1	787	490	-297	-37.8
Feb-13	1420	1962	542	38.2	708	539	-169	-23.9
Mar-13	1305	2164	859	65.8	775	735	-40	-5.2
Annual	1420	2164	744	52.4	8792	8675	-117	-1.3



Anticipated month wise power supply position for 2012-13

Jammu & Kashmir

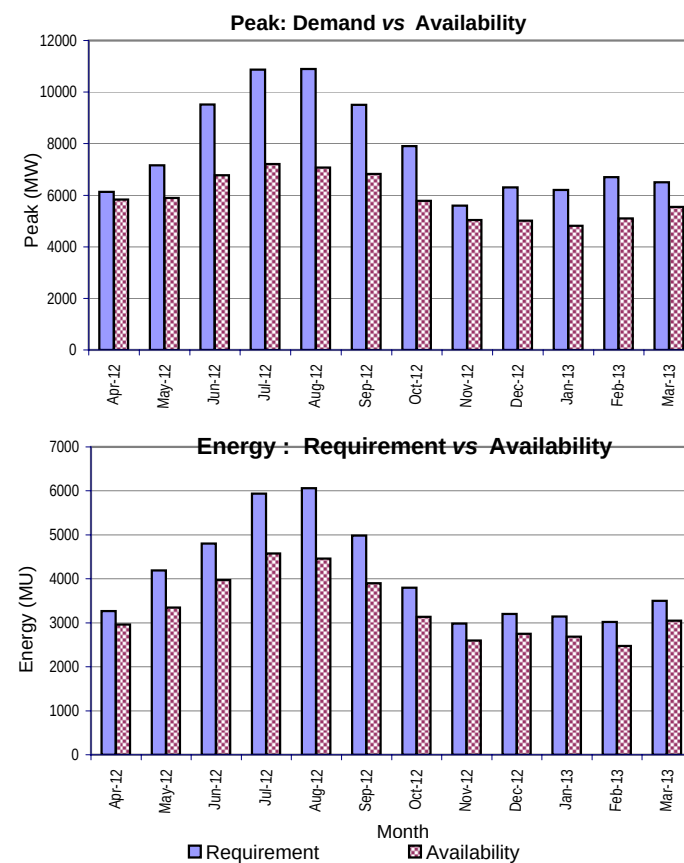
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	2300	1570	-730	-31.7	1270	750	-520	-40.9
May-12	2300	1476	-824	-35.8	1214	846	-368	-30.3
Jun-12	2300	1560	-740	-32.2	1126	932	-194	-17.2
Jul-12	2300	1501	-799	-34.7	1146	947	-199	-17.4
Aug-12	2300	1701	-599	-26.0	1135	1081	-54	-4.8
Sep-12	2300	1768	-532	-23.1	1220	983	-237	-19.4
Oct-12	2400	1948	-452	-18.8	1239	1060	-179	-14.5
Nov-12	2500	1996	-504	-20.2	1366	1034	-332	-24.3
Dec-12	2650	1716	-934	-35.2	1473	925	-548	-37.2
Jan-13	2650	1525	-1125	-42.5	1459	883	-576	-39.5
Feb-13	2650	1963	-687	-25.9	1300	931	-369	-28.4
Mar-13	2550	1744	-806	-31.6	1405	925	-480	-34.2
Annual	2650	1996	-654	-24.7	15353	11297	-4056	-26.4



Anticipated month wise power supply position for 2012-13

Punjab

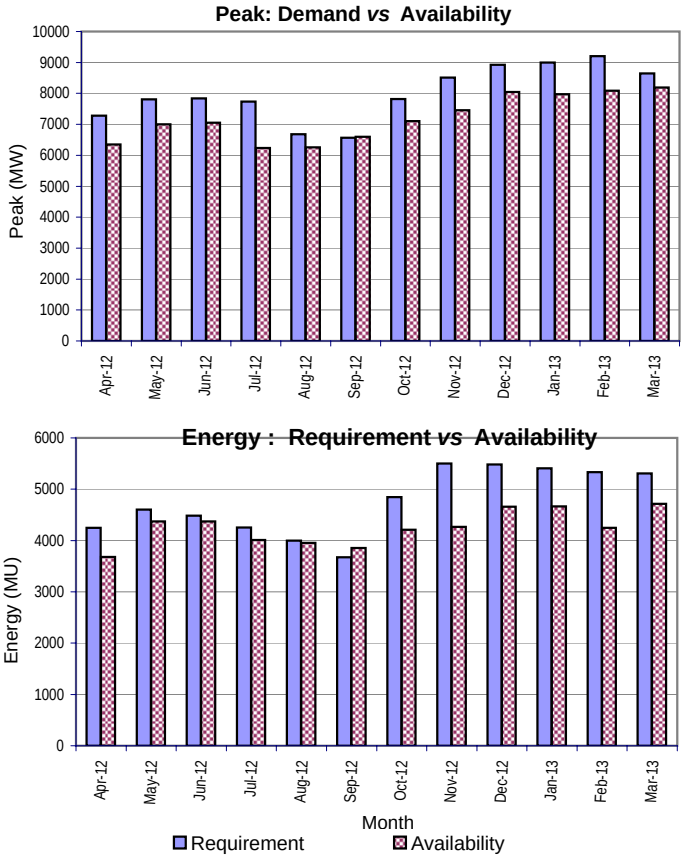
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	6128	5828	-300	-4.9	3265	2964	-301	-9.2
May-12	7162	5893	-1269	-17.7	4194	3348	-846	-20.2
Jun-12	9515	6772	-2743	-28.8	4800	3972	-828	-17.3
Jul-12	10866	7216	-3650	-33.6	5939	4574	-1365	-23.0
Aug-12	10890	7071	-3819	-35.1	6058	4462	-1596	-26.3
Sep-12	9500	6822	-2678	-28.2	4981	3900	-1081	-21.7
Oct-12	7900	5789	-2111	-26.7	3800	3139	-661	-17.4
Nov-12	5600	5044	-556	-9.9	2986	2595	-391	-13.1
Dec-12	6300	5019	-1281	-20.3	3200	2752	-448	-14.0
Jan-13	6200	4812	-1388	-22.4	3140	2686	-454	-14.5
Feb-13	6700	5102	-1598	-23.9	3018	2476	-542	-18.0
Mar-13	6500	5545	-955	-14.7	3500	3050	-450	-12.8
Annual	10890	7216	-3674	-33.7	48881	39918	-8962	-18.3



Anticipated month wise power supply position for 2012-13

Rajasthan

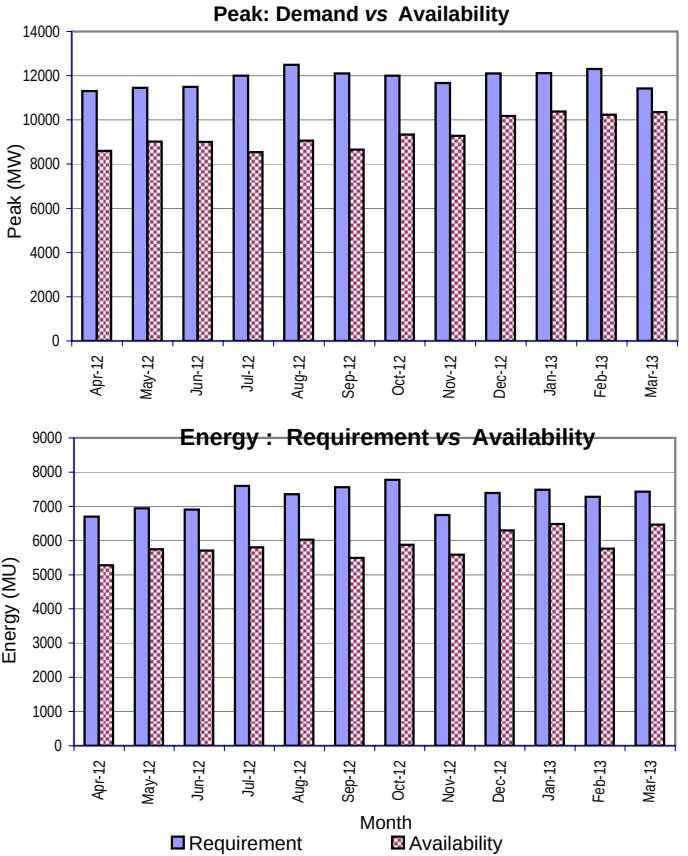
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	7276	6354	-922	-12.7	4247	3682	-565	-13.3
May-12	7811	7004	-807	-10.3	4604	4374	-230	-5.0
Jun-12	7843	7049	-794	-10.1	4485	4372	-113	-2.5
Jul-12	7737	6232	-1505	-19.5	4255	4011	-244	-5.7
Aug-12	6683	6253	-430	-6.4	3996	3954	-42	-1.1
Sep-12	6566	6595	29	0.4	3674	3852	178	4.8
Oct-12	7821	7100	-721	-9.2	4845	4213	-632	-13.0
Nov-12	8510	7452	-1058	-12.4	5502	4266	-1236	-22.5
Dec-12	8923	8046	-877	-9.8	5482	4658	-824	-15.0
Jan-13	9000	7973	-1027	-11.4	5408	4665	-743	-13.7
Feb-13	9200	8085	-1115	-12.1	5331	4246	-1085	-20.4
Mar-13	8645	8191	-454	-5.3	5310	4713	-597	-11.2
Annual	9200	8191	-1009	-11.0	57139	51006	-6133	-10.7



Anticipated month wise power supply position for 2012-13

Uttar Pradesh

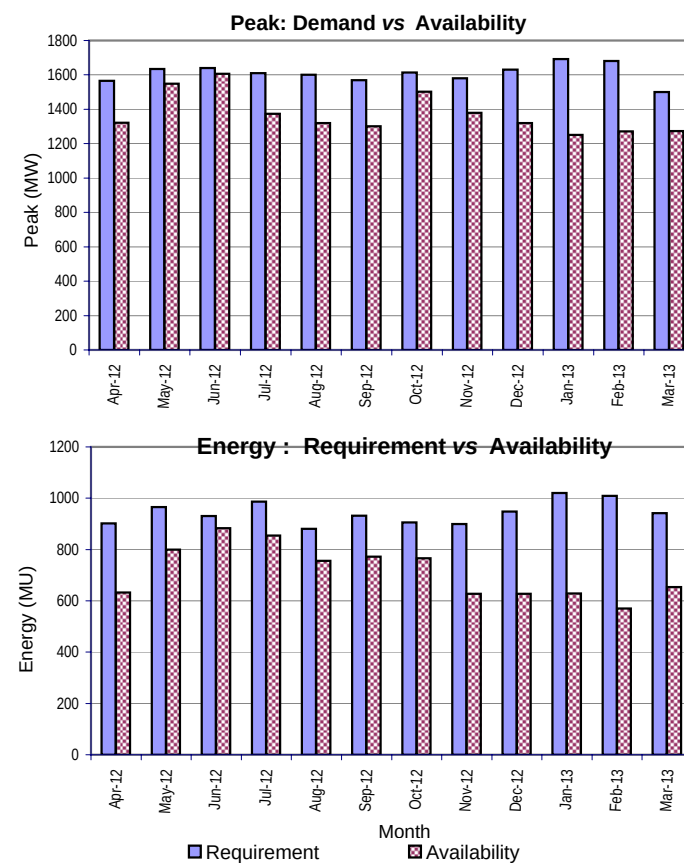
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	11300	8595	-2705	-23.9	6695	5278	-1417	-21.2
May-12	11450	9026	-2424	-21.2	6939	5740	-1199	-17.3
Jun-12	11500	9007	-2493	-21.7	6905	5706	-1199	-17.4
Jul-12	12005	8540	-3465	-28.9	7593	5804	-1789	-23.6
Aug-12	12500	9062	-3438	-27.5	7354	6023	-1331	-18.1
Sep-12	12100	8654	-3446	-28.5	7563	5491	-2072	-27.4
Oct-12	12000	9331	-2669	-22.2	7775	5873	-1902	-24.5
Nov-12	11668	9280	-2388	-20.5	6742	5584	-1158	-17.2
Dec-12	12100	10185	-1915	-15.8	7395	6296	-1099	-14.9
Jan-13	12115	10377	-1738	-14.3	7486	6488	-998	-13.3
Feb-13	12300	10237	-2063	-16.8	7280	5760	-1520	-20.9
Mar-13	11418	10355	-1063	-9.3	7425	6466	-959	-12.9
Annual	12500	10377	-2123	-17.0	87153	70509	-16644	-19.1



Anticipated month wise power supply position for 2012-13

Uttarakhand

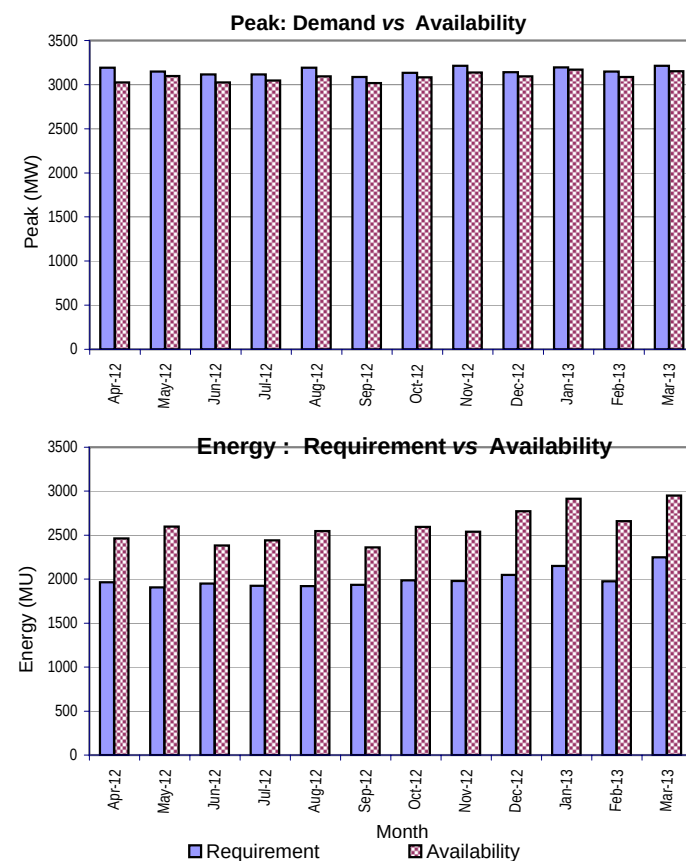
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	1565	1322	-243	-15.5	902	633	-269	-29.8
May-12	1635	1549	-86	-5.3	965	799	-166	-17.2
Jun-12	1640	1606	-34	-2.1	931	883	-48	-5.2
Jul-12	1611	1374	-237	-14.7	987	855	-132	-13.4
Aug-12	1600	1320	-280	-17.5	880	756	-124	-14.1
Sep-12	1570	1302	-268	-17.1	932	772	-160	-17.2
Oct-12	1613	1502	-111	-6.9	906	766	-140	-15.4
Nov-12	1580	1379	-201	-12.7	900	628	-272	-30.2
Dec-12	1630	1319	-311	-19.1	948	628	-320	-33.8
Jan-13	1692	1250	-442	-26.1	1020	629	-391	-38.3
Feb-13	1680	1271	-409	-24.3	1009	570	-439	-43.5
Mar-13	1500	1273	-227	-15.1	942	654	-288	-30.6
Annual	1692	1606	-86	-5.1	11322	8573	-2749	-24.3



Anticipated month wise power supply position for 2012-13

Chhattisgarh

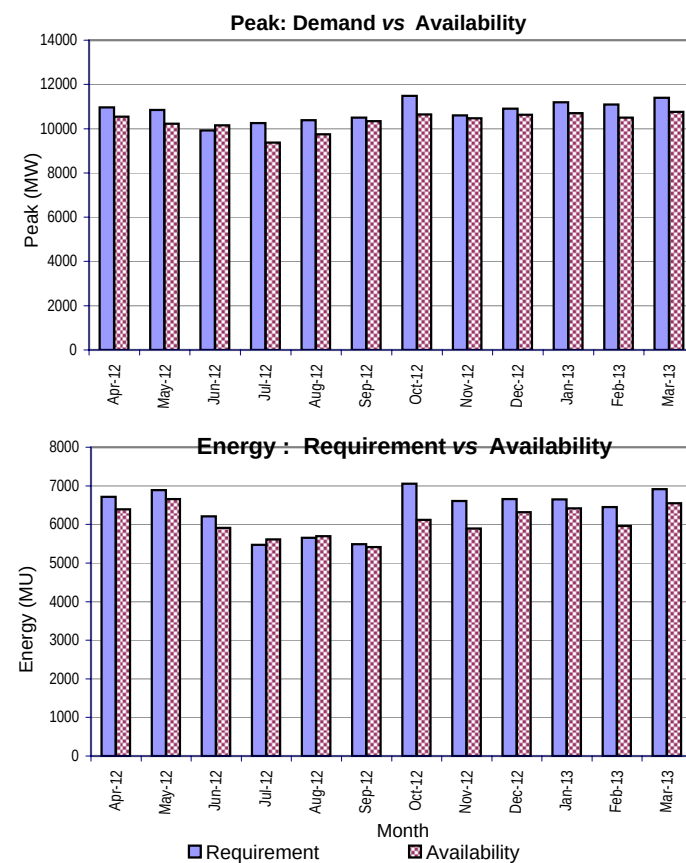
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	3190	3025	-165	-5.2	1966	2462	496	25.2
May-12	3150	3098	-52	-1.7	1907	2596	689	36.1
Jun-12	3115	3026	-89	-2.8	1950	2382	432	22.2
Jul-12	3117	3047	-70	-2.2	1923	2442	519	27.0
Aug-12	3190	3093	-97	-3.1	1920	2548	628	32.7
Sep-12	3085	3017	-68	-2.2	1935	2362	427	22.1
Oct-12	3135	3082	-53	-1.7	1985	2594	609	30.7
Nov-12	3215	3139	-76	-2.4	1980	2541	561	28.3
Dec-12	3140	3093	-47	-1.5	2050	2771	721	35.2
Jan-13	3195	3169	-26	-0.8	2150	2914	764	35.5
Feb-13	3147	3088	-59	-1.9	1976	2659	683	34.6
Mar-13	3215	3153	-62	-1.9	2250	2949	699	31.1
Annual	3215	3169	-46	-1.4	23992	31222	7230	30.1



Anticipated month wise power supply position for 2012-13

Gujarat

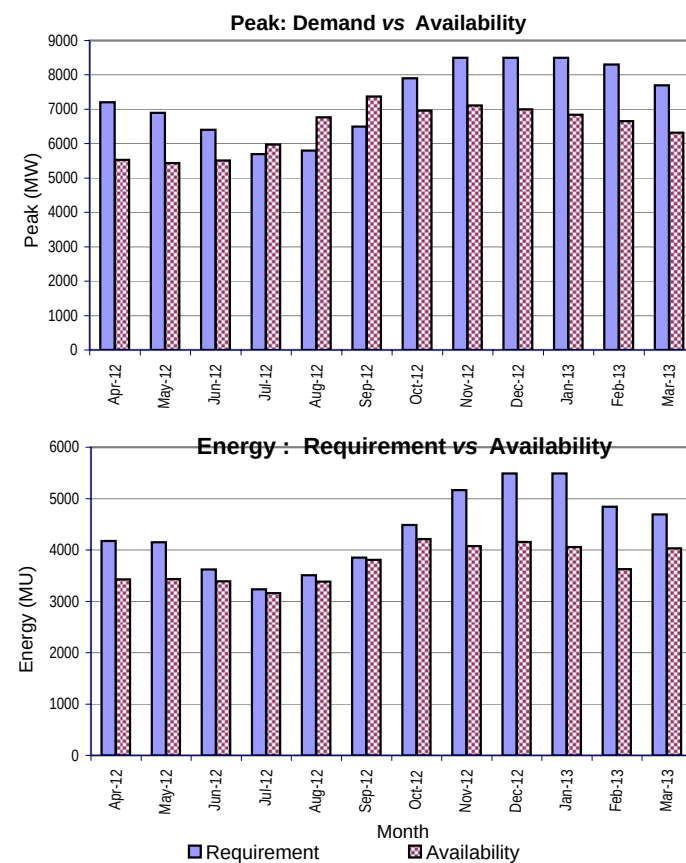
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	10970	10544	-426	-3.9	6716	6392	-324	-4.8
May-12	10853	10225	-628	-5.8	6893	6654	-239	-3.5
Jun-12	9920	10154	234	2.4	6211	5913	-298	-4.8
Jul-12	10250	9365	-885	-8.6	5469	5614	145	2.7
Aug-12	10380	9748	-632	-6.1	5650	5695	45	0.8
Sep-12	10500	10337	-163	-1.6	5486	5414	-72	-1.3
Oct-12	11489	10643	-846	-7.4	7054	6114	-940	-13.3
Nov-12	10604	10470	-134	-1.3	6604	5894	-710	-10.8
Dec-12	10900	10626	-274	-2.5	6653	6320	-333	-5.0
Jan-13	11200	10696	-504	-4.5	6650	6413	-237	-3.6
Feb-13	11100	10504	-596	-5.4	6450	5961	-489	-7.6
Mar-13	11400	10760	-640	-5.6	6916	6547	-369	-5.3
Annual	11489	10760	-729	-6.3	76752	72931	-3821	-5.0



Anticipated month wise power supply position for 2012-13

Madhya Pradesh

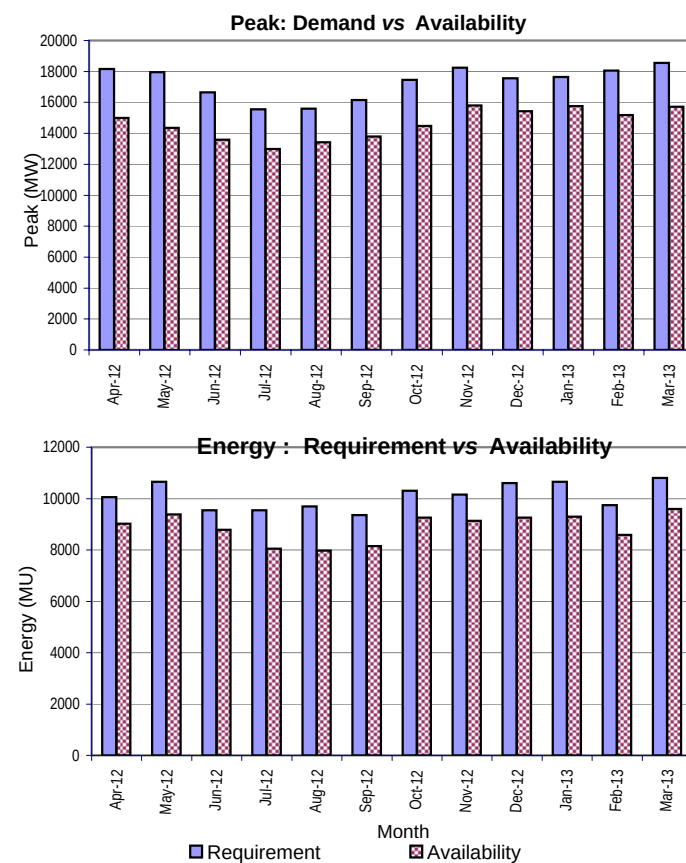
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	7200	5526	-1674	-23.3	4175	3427	-748	-17.9
May-12	6900	5433	-1467	-21.3	4150	3433	-717	-17.3
Jun-12	6400	5509	-891	-13.9	3620	3392	-228	-6.3
Jul-12	5700	5978	278	4.9	3235	3159	-76	-2.3
Aug-12	5800	6766	966	16.7	3510	3384	-126	-3.6
Sep-12	6500	7369	869	13.4	3850	3805	-45	-1.2
Oct-12	7900	6964	-936	-11.8	4485	4214	-271	-6.0
Nov-12	8500	7112	-1388	-16.3	5165	4073	-1092	-21.1
Dec-12	8500	6998	-1502	-17.7	5490	4156	-1334	-24.3
Jan-13	8500	6844	-1656	-19.5	5490	4059	-1431	-26.1
Feb-13	8300	6652	-1648	-19.9	4840	3624	-1216	-25.1
Mar-13	7700	6324	-1376	-17.9	4690	4032	-658	-14.0
Annual	8500	7369	-1131	-13.3	52700	44758	-7942	-15.1



Anticipated month wise power supply position for 2012-13

Maharashtra

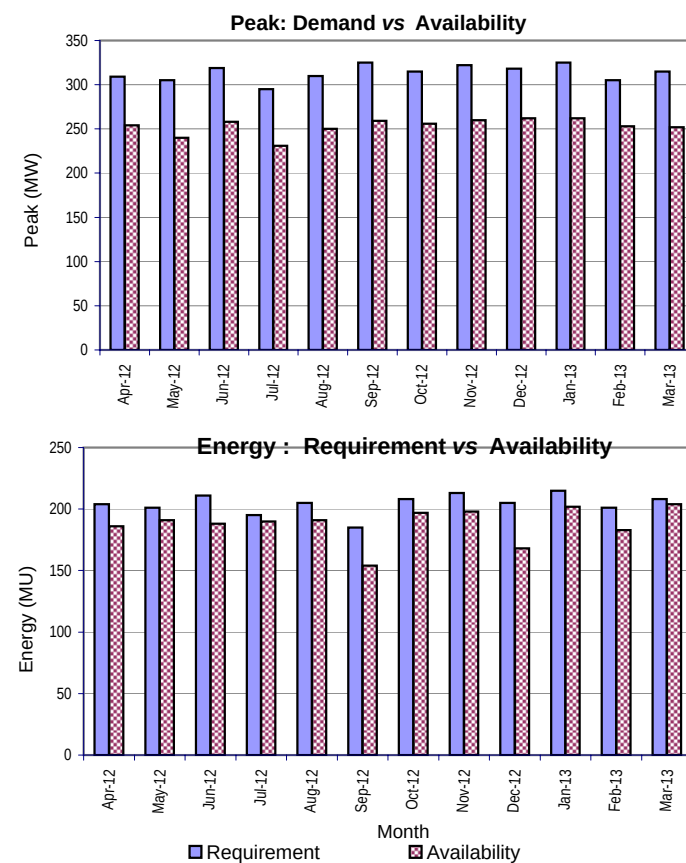
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	18150	15005	-3145	-17.3	10050	9026	-1024	-10.2
May-12	17950	14346	-3604	-20.1	10660	9387	-1273	-11.9
Jun-12	16650	13591	-3059	-18.4	9550	8785	-765	-8.0
Jul-12	15550	12979	-2571	-16.5	9550	8055	-1495	-15.7
Aug-12	15590	13415	-2175	-14.0	9700	7975	-1725	-17.8
Sep-12	16150	13787	-2363	-14.6	9360	8154	-1206	-12.9
Oct-12	17450	14481	-2969	-17.0	10300	9253	-1047	-10.2
Nov-12	18250	15798	-2452	-13.4	10150	9132	-1018	-10.0
Dec-12	17550	15439	-2111	-12.0	10600	9262	-1338	-12.6
Jan-13	17650	15758	-1892	-10.7	10650	9291	-1359	-12.8
Feb-13	18050	15181	-2869	-15.9	9750	8580	-1170	-12.0
Mar-13	18550	15717	-2833	-15.3	10800	9597	-1203	-11.1
Annual	18550	15798	-2752	-14.8	121120	106497	-14623	-12.1



Anticipated month wise power supply position for 2012-13

Daman & Diu

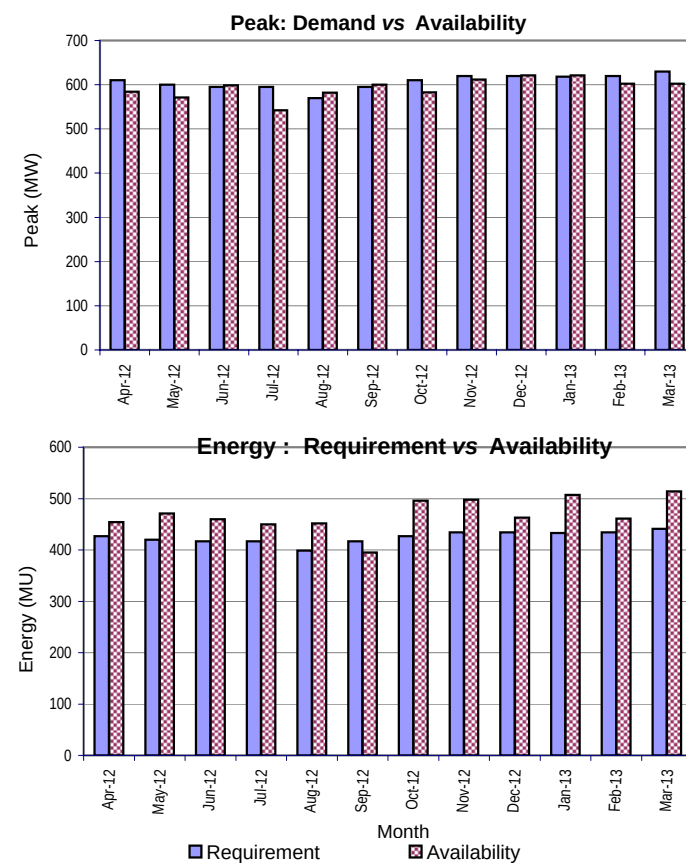
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	309	254	-55	-17.8	204	186	-18	-8.8
May-12	305	240	-65	-21.3	201	191	-10	-5.0
Jun-12	319	258	-61	-19.1	211	188	-23	-10.9
Jul-12	295	231	-64	-21.7	195	190	-5	-2.6
Aug-12	310	250	-60	-19.4	205	191	-14	-6.8
Sep-12	325	259	-66	-20.3	185	154	-31	-16.8
Oct-12	315	256	-59	-18.7	208	197	-11	-5.3
Nov-12	322	260	-62	-19.3	213	198	-15	-7.0
Dec-12	318	262	-56	-17.6	205	168	-37	-18.0
Jan-13	325	262	-63	-19.4	215	202	-13	-6.0
Feb-13	305	253	-52	-17.0	201	183	-18	-9.0
Mar-13	315	252	-63	-20.0	208	204	-4	-1.9
Annual	325	262	-63	-19.4	2451	2252	-199	-8.1



Anticipated month wise power supply position for 2012-13

D.N.Haveli

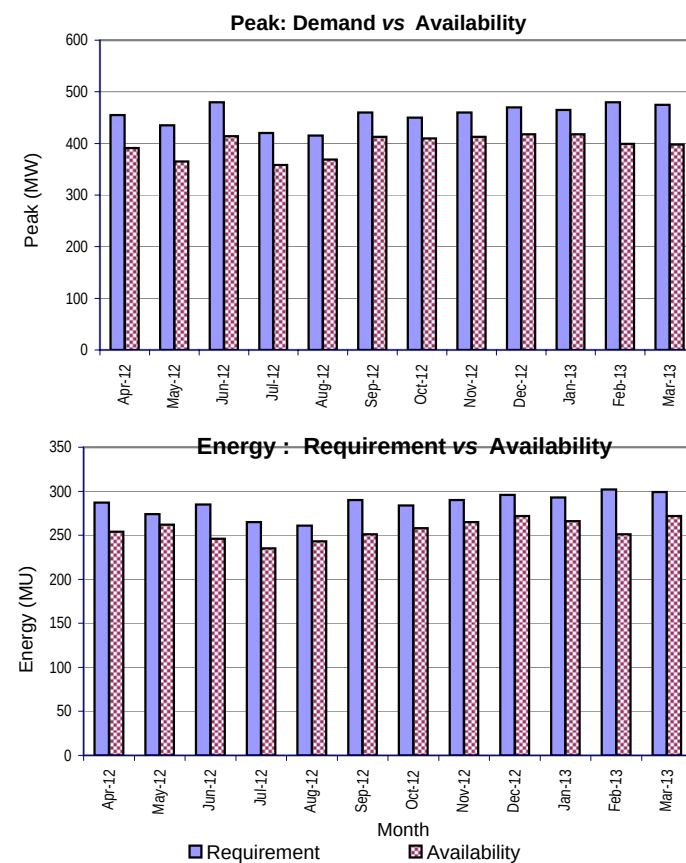
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	610	584	-26	-4.3	427	454	27	6.3
May-12	600	571	-29	-4.8	420	471	51	12.1
Jun-12	595	599	4	0.7	417	460	43	10.3
Jul-12	595	542	-53	-8.9	417	450	33	7.9
Aug-12	570	582	12	2.1	399	452	53	13.3
Sep-12	595	600	5	0.8	417	395	-22	-5.3
Oct-12	610	583	-27	-4.4	427	496	69	16.2
Nov-12	620	612	-8	-1.3	434	498	64	14.7
Dec-12	620	621	1	0.2	434	463	29	6.7
Jan-13	618	621	3	0.5	433	507	74	17.1
Feb-13	620	602	-18	-2.9	434	461	27	6.2
Mar-13	630	602	-28	-4.4	441	514	73	16.6
Annual	630	621	-9	-1.4	5100	5621	521	10.2



Anticipated month wise power supply position for 2012-13

Goa

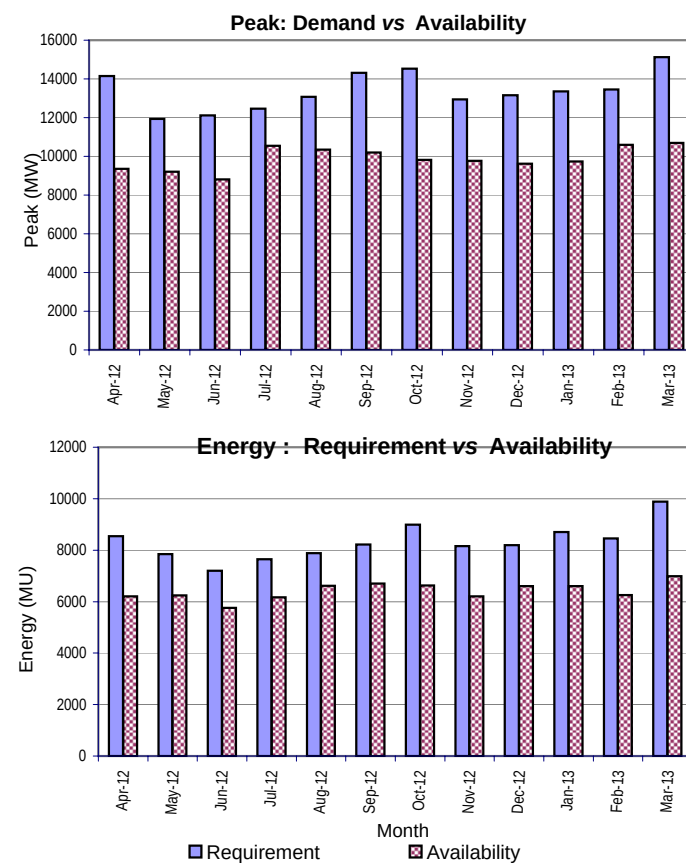
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	455	391	-64	-14.1	287	254	-33	-11.5
May-12	435	365	-70	-16.1	274	262	-12	-4.4
Jun-12	480	414	-66	-13.8	285	246	-39	-13.7
Jul-12	420	358	-62	-14.8	265	235	-30	-11.3
Aug-12	415	369	-46	-11.1	261	243	-18	-6.9
Sep-12	460	413	-47	-10.2	290	251	-39	-13.4
Oct-12	450	410	-40	-8.9	284	258	-26	-9.2
Nov-12	460	413	-47	-10.2	290	265	-25	-8.6
Dec-12	470	418	-52	-11.1	296	272	-24	-8.1
Jan-13	465	418	-47	-10.1	293	266	-27	-9.2
Feb-13	480	399	-81	-16.9	302	251	-51	-16.9
Mar-13	475	398	-77	-16.2	299	272	-27	-9.0
Annual	480	418	-62	-12.9	3426	3075	-351	-10.2



Anticipated month wise power supply position for 2012-13

Andhra Pradesh

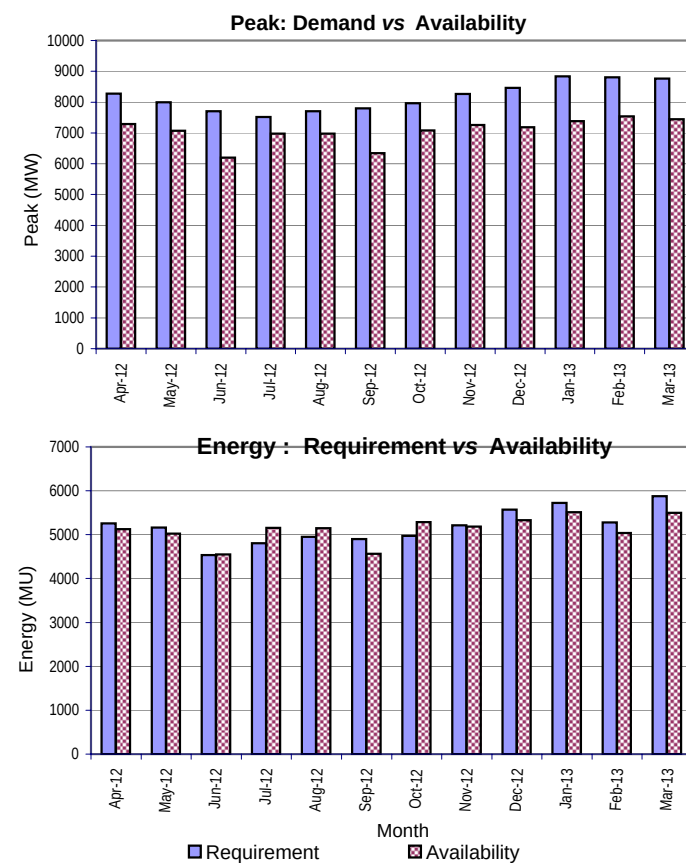
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	14142	9357	-4785	-33.8	8541	6211	-2330	-27.3
May-12	11942	9209	-2733	-22.9	7843	6245	-1598	-20.4
Jun-12	12110	8816	-3294	-27.2	7197	5755	-1442	-20.0
Jul-12	12465	10544	-1921	-15.4	7650	6169	-1481	-19.4
Aug-12	13082	10354	-2728	-20.9	7887	6615	-1272	-16.1
Sep-12	14309	10202	-4107	-28.7	8224	6708	-1516	-18.4
Oct-12	14523	9811	-4712	-32.4	8987	6632	-2355	-26.2
Nov-12	12942	9773	-3169	-24.5	8155	6203	-1952	-23.9
Dec-12	13162	9619	-3543	-26.9	8200	6605	-1595	-19.5
Jan-13	13352	9728	-3624	-27.1	8705	6598	-2107	-24.2
Feb-13	13462	10591	-2871	-21.3	8456	6255	-2201	-26.0
Mar-13	15127	10697	-4430	-29.3	9889	6983	-2906	-29.4
Annual	15127	10697	-4430	-29.3	99734	76979	-22755	-22.8



Anticipated month wise power supply position for 2012-13

Karnataka

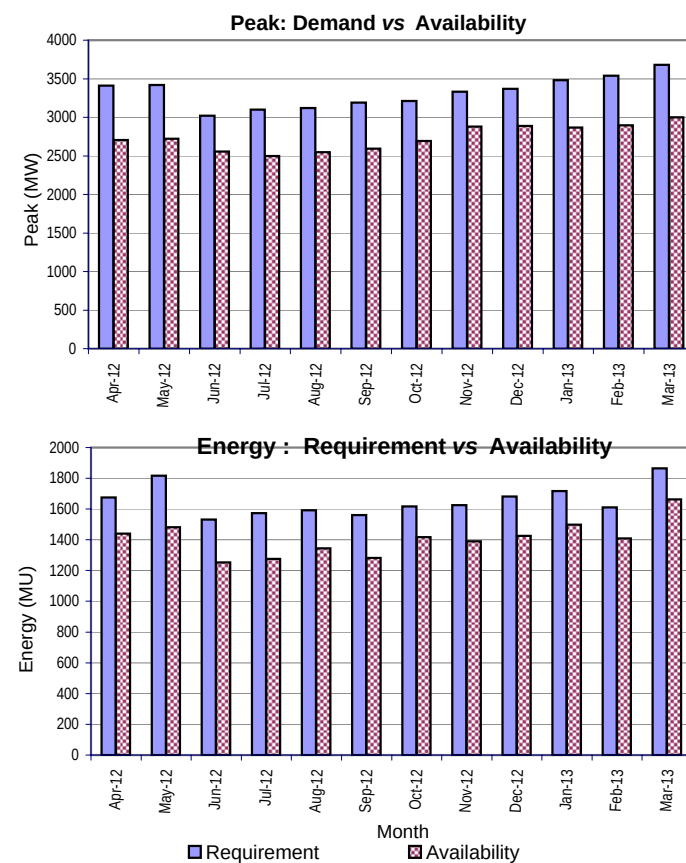
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	8273	7290	-983	-11.9	5260	5123	-137	-2.6
May-12	8000	7068	-932	-11.7	5160	5027	-133	-2.6
Jun-12	7710	6201	-1509	-19.6	4539	4548	9	0.2
Jul-12	7516	6978	-538	-7.2	4806	5158	352	7.3
Aug-12	7710	6976	-734	-9.5	4948	5149	201	4.1
Sep-12	7801	6348	-1453	-18.6	4902	4564	-338	-6.9
Oct-12	7964	7081	-883	-11.1	4976	5283	307	6.2
Nov-12	8261	7260	-1001	-12.1	5212	5185	-27	-0.5
Dec-12	8461	7186	-1275	-15.1	5571	5330	-241	-4.3
Jan-13	8838	7388	-1450	-16.4	5725	5512	-213	-3.7
Feb-13	8803	7535	-1268	-14.4	5280	5042	-238	-4.5
Mar-13	8769	7449	-1320	-15.1	5876	5501	-375	-6.4
Annual	8838	7535	-1303	-14.7	62255	61422	-833	-1.3



Anticipated month wise power supply position for 2012-13

Kerala

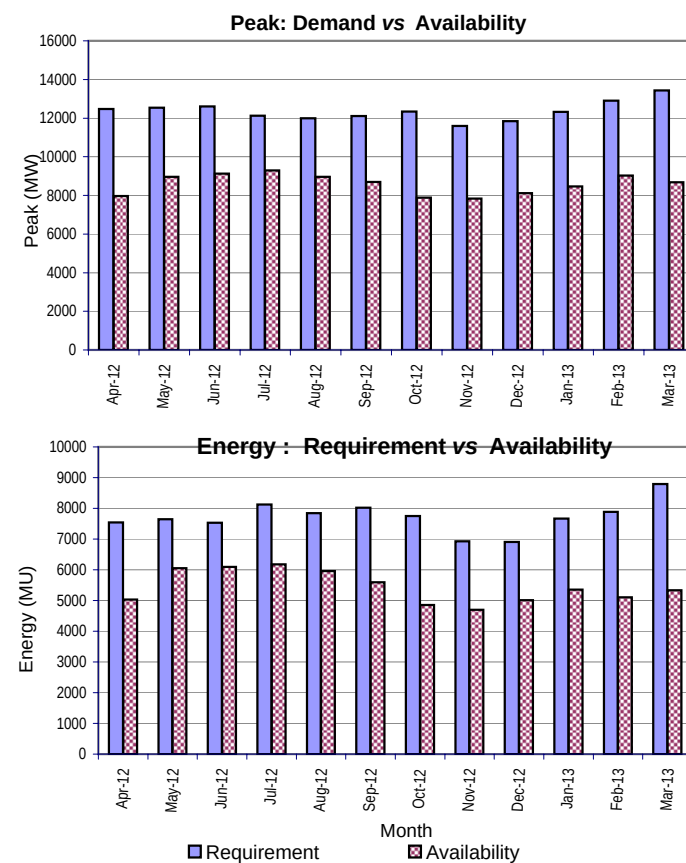
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	3410	2706	-704	-20.6	1675	1440	-235	-14.0
May-12	3420	2723	-697	-20.4	1817	1482	-335	-18.4
Jun-12	3020	2557	-463	-15.3	1531	1252	-279	-18.2
Jul-12	3100	2498	-602	-19.4	1574	1275	-299	-19.0
Aug-12	3120	2547	-573	-18.4	1592	1345	-247	-15.5
Sep-12	3190	2594	-596	-18.7	1561	1281	-280	-17.9
Oct-12	3210	2694	-516	-16.1	1617	1417	-200	-12.4
Nov-12	3330	2881	-449	-13.5	1625	1390	-235	-14.5
Dec-12	3370	2888	-482	-14.3	1682	1425	-257	-15.3
Jan-13	3480	2869	-611	-17.6	1716	1498	-218	-12.7
Feb-13	3540	2896	-644	-18.2	1611	1409	-202	-12.5
Mar-13	3680	2998	-682	-18.5	1864	1662	-202	-10.8
Annual	3680	2998	-682	-18.5	19865	16876	-2989	-15.0



Anticipated month wise power supply position for 2012-13

Tamil Nadu

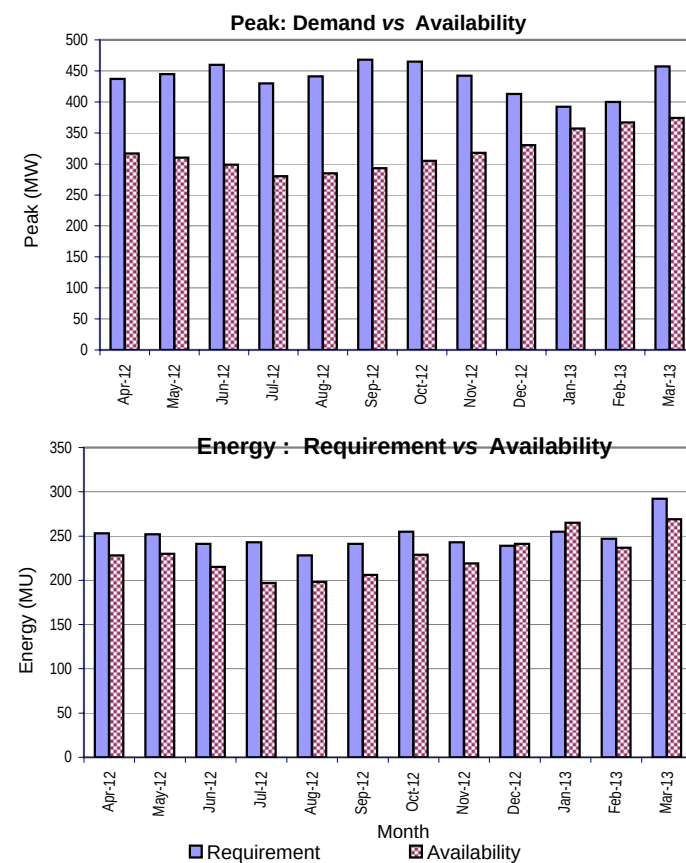
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	12465	7968	-4497	-36.1	7539	5034	-2505	-33.2
May-12	12531	8967	-3564	-28.4	7645	6047	-1598	-20.9
Jun-12	12607	9125	-3482	-27.6	7534	6097	-1437	-19.1
Jul-12	12128	9299	-2829	-23.3	8121	6179	-1942	-23.9
Aug-12	11984	8958	-3026	-25.3	7846	5960	-1886	-24.0
Sep-12	12111	8701	-3410	-28.2	8022	5592	-2430	-30.3
Oct-12	12332	7879	-4453	-36.1	7753	4859	-2894	-37.3
Nov-12	11596	7834	-3762	-32.4	6930	4694	-2236	-32.3
Dec-12	11846	8112	-3734	-31.5	6904	5007	-1897	-27.5
Jan-13	12325	8471	-3854	-31.3	7662	5358	-2304	-30.1
Feb-13	12902	9032	-3870	-30.0	7890	5102	-2788	-35.3
Mar-13	13427	8679	-4748	-35.4	8791	5331	-3460	-39.4
Annual	13427	9299	-4128	-30.7	92637	65260	-27377	-29.6



Anticipated month wise power supply position for 2012-13

Puducherry

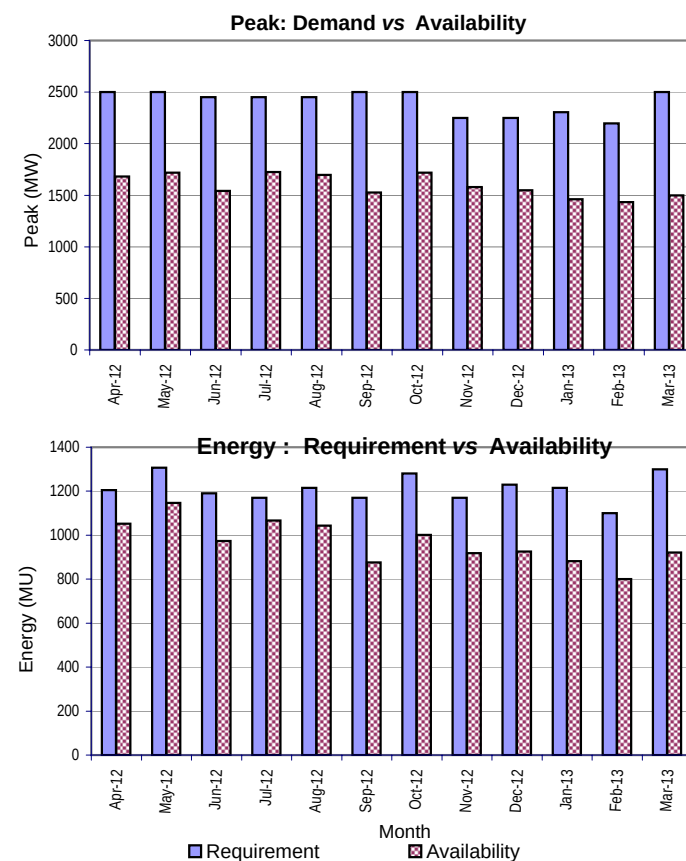
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	437	317	-120	-27.5	253	228	-25	-9.9
May-12	445	310	-135	-30.3	252	230	-22	-8.7
Jun-12	460	299	-161	-35.0	241	215	-26	-10.8
Jul-12	430	280	-150	-34.9	243	197	-46	-18.9
Aug-12	441	285	-156	-35.4	228	198	-30	-13.2
Sep-12	468	293	-175	-37.4	241	206	-35	-14.5
Oct-12	465	305	-160	-34.4	255	229	-26	-10.2
Nov-12	442	318	-124	-28.1	243	219	-24	-9.9
Dec-12	413	330	-83	-20.1	239	241	2	0.8
Jan-13	392	357	-35	-8.9	255	265	10	3.9
Feb-13	400	367	-33	-8.3	247	237	-10	-4.0
Mar-13	457	374	-83	-18.2	292	269	-23	-7.9
Annual	468	374	-94	-20.1	2989	2734	-255	-8.5



Anticipated month wise power supply position for 2012-13

Bihar

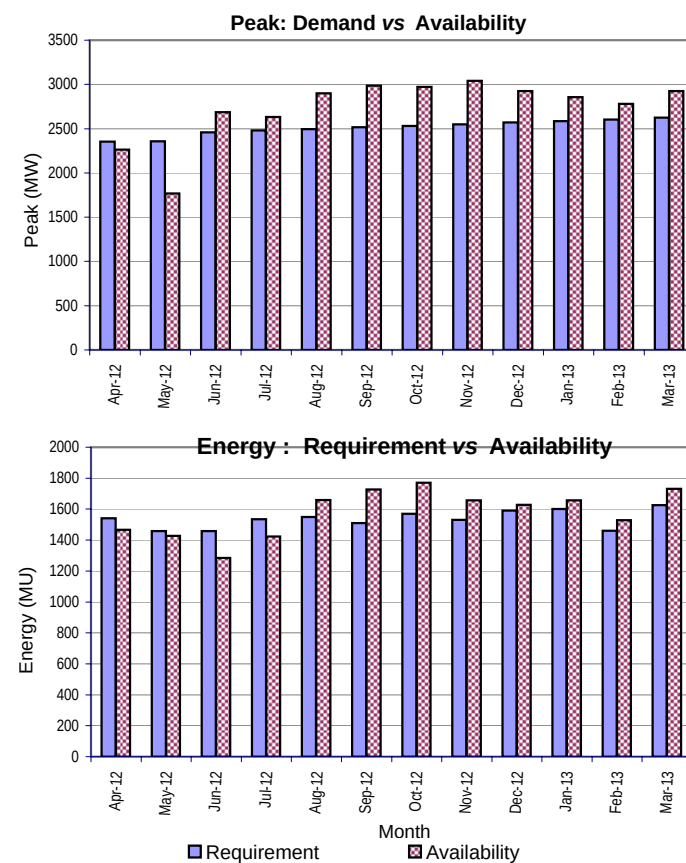
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	2500	1682	-818	-32.7	1205	1053	-153	-12.7
May-12	2500	1718	-782	-31.3	1307	1147	-160	-12.2
Jun-12	2450	1541	-909	-37.1	1190	973	-217	-18.2
Jul-12	2450	1726	-724	-29.5	1170	1067	-102	-8.7
Aug-12	2450	1697	-753	-30.7	1215	1043	-172	-14.2
Sep-12	2500	1526	-974	-39.0	1170	876	-294	-25.1
Oct-12	2500	1719	-781	-31.3	1280	1002	-278	-21.7
Nov-12	2250	1579	-671	-29.8	1170	919	-251	-21.5
Dec-12	2250	1548	-702	-31.2	1230	926	-304	-24.7
Jan-13	2305	1461	-844	-36.6	1215	883	-332	-27.3
Feb-13	2195	1434	-761	-34.7	1100	801	-299	-27.2
Mar-13	2500	1498	-1002	-40.1	1300	921	-379	-29.2
Annual	2500	1726	-774	-31.0	14550	11609	-2940	-20.2



Anticipated month wise power supply position for 2012-13

DVC

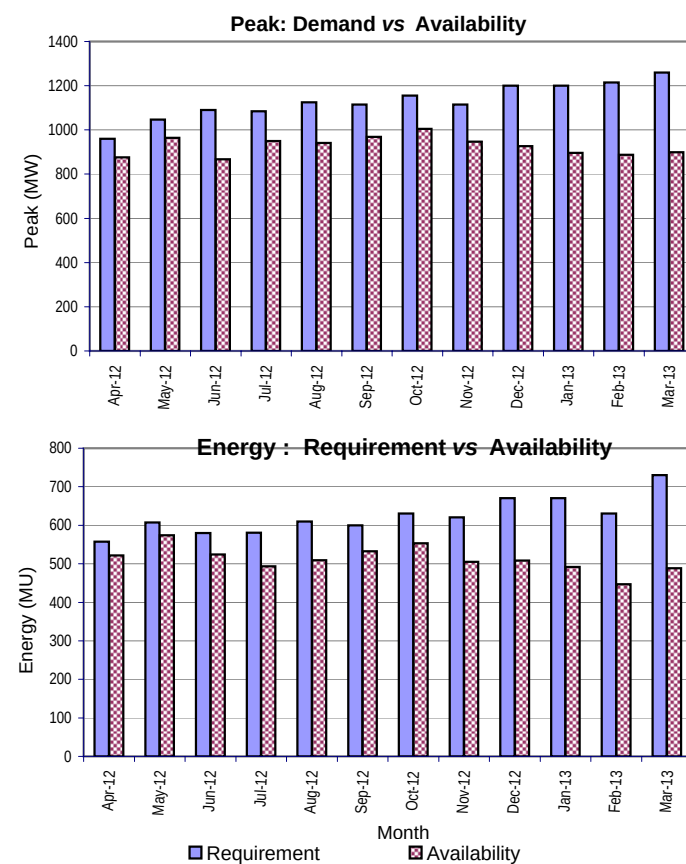
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	2354	2264	-90	-3.8	1541	1465	-76	-4.9
May-12	2356	1769	-587	-24.9	1458	1427	-31	-2.1
Jun-12	2460	2686	226	9.2	1458	1285	-173	-11.9
Jul-12	2480	2633	153	6.2	1535	1424	-111	-7.2
Aug-12	2495	2901	406	16.3	1550	1659	109	7.0
Sep-12	2515	2985	470	18.7	1510	1728	218	14.4
Oct-12	2530	2974	444	17.5	1570	1770	200	12.8
Nov-12	2550	3040	490	19.2	1530	1657	127	8.3
Dec-12	2570	2924	354	13.8	1590	1627	37	2.3
Jan-13	2585	2858	273	10.5	1600	1657	57	3.6
Feb-13	2605	2782	177	6.8	1460	1528	68	4.7
Mar-13	2625	2925	300	11.4	1625	1731	106	6.5
Annual	2625	3040	415	15.8	18427	18959	532	2.9



Anticipated month wise power supply position for 2012-13

Jharkhand

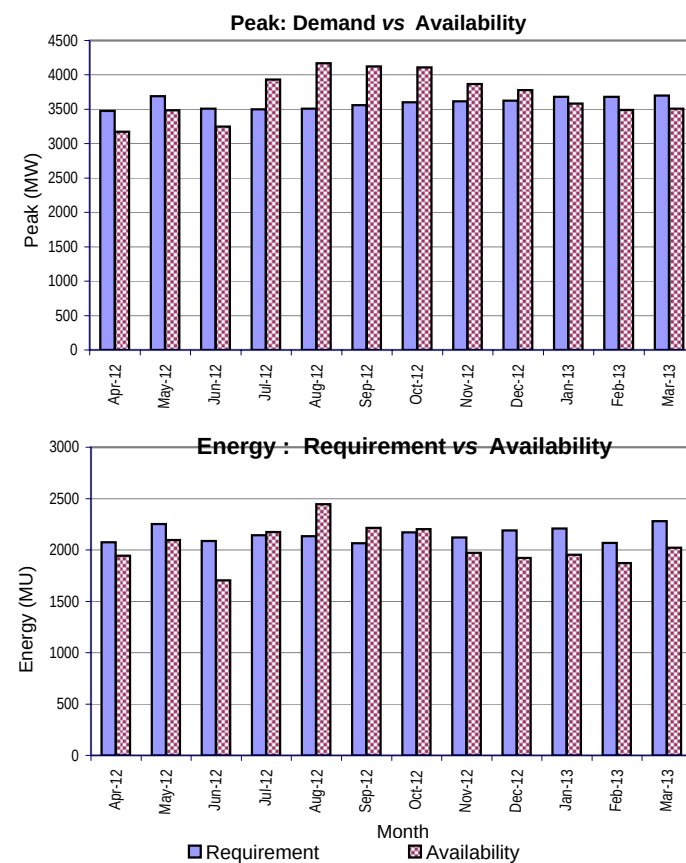
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	960	876	-84	-8.8	557	522	-35	-6.4
May-12	1047	964	-83	-8.0	607	574	-33	-5.4
Jun-12	1090	868	-222	-20.4	580	524	-56	-9.7
Jul-12	1085	950	-135	-12.4	580	493	-87	-15.0
Aug-12	1125	941	-184	-16.3	610	510	-100	-16.5
Sep-12	1115	969	-146	-13.1	600	532	-68	-11.3
Oct-12	1155	1005	-150	-13.0	630	554	-77	-12.2
Nov-12	1115	947	-168	-15.1	620	505	-115	-18.6
Dec-12	1200	927	-273	-22.8	670	508	-162	-24.1
Jan-13	1200	896	-304	-25.3	670	491	-179	-26.7
Feb-13	1215	888	-327	-26.9	630	447	-184	-29.1
Mar-13	1260	900	-360	-28.6	730	488	-242	-33.2
Annual	1260	1005	-255	-20.2	7486	6149	-1338	-17.9



Anticipated month wise power supply position for 2012-13

Orissa

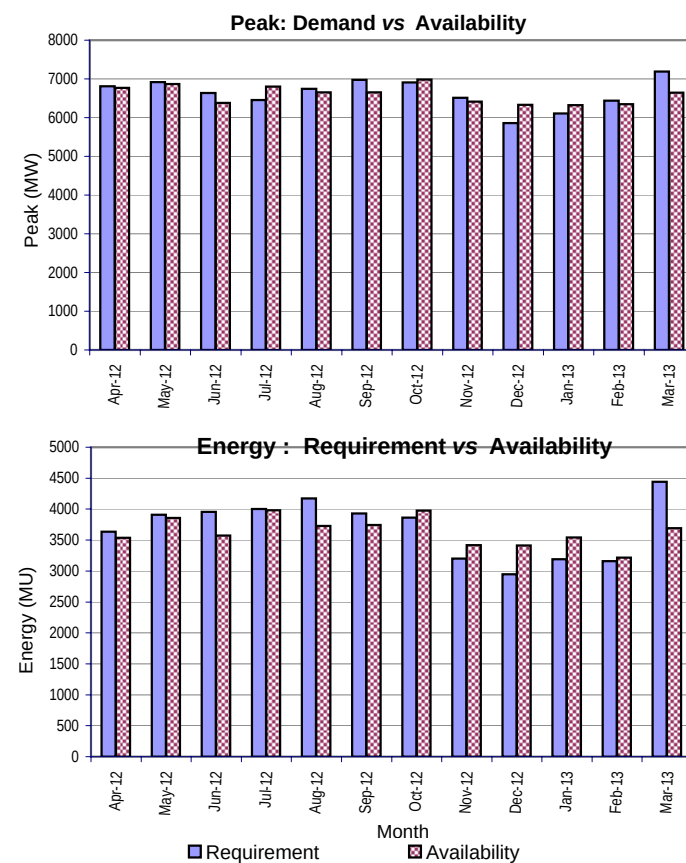
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	3474	3176	-298	-8.6	2074	1944	-130	-6.3
May-12	3692	3486	-206	-5.6	2252	2097	-155	-6.9
Jun-12	3510	3250	-260	-7.4	2088	1704	-384	-18.4
Jul-12	3500	3931	431	12.3	2143	2174	31	1.5
Aug-12	3510	4168	658	18.7	2135	2446	311	14.6
Sep-12	3560	4121	561	15.8	2066	2214	148	7.2
Oct-12	3600	4111	511	14.2	2170	2201	31	1.4
Nov-12	3615	3866	251	6.9	2120	1971	-149	-7.0
Dec-12	3625	3781	156	4.3	2190	1923	-267	-12.2
Jan-13	3680	3584	-96	-2.6	2210	1953	-257	-11.6
Feb-13	3680	3488	-192	-5.2	2070	1873	-197	-9.5
Mar-13	3700	3508	-192	-5.2	2280	2023	-257	-11.3
Annual	3700	4168	468	12.6	25798	24523	-1275	-4.9



Anticipated month wise power supply position for 2012-13

West Bengal

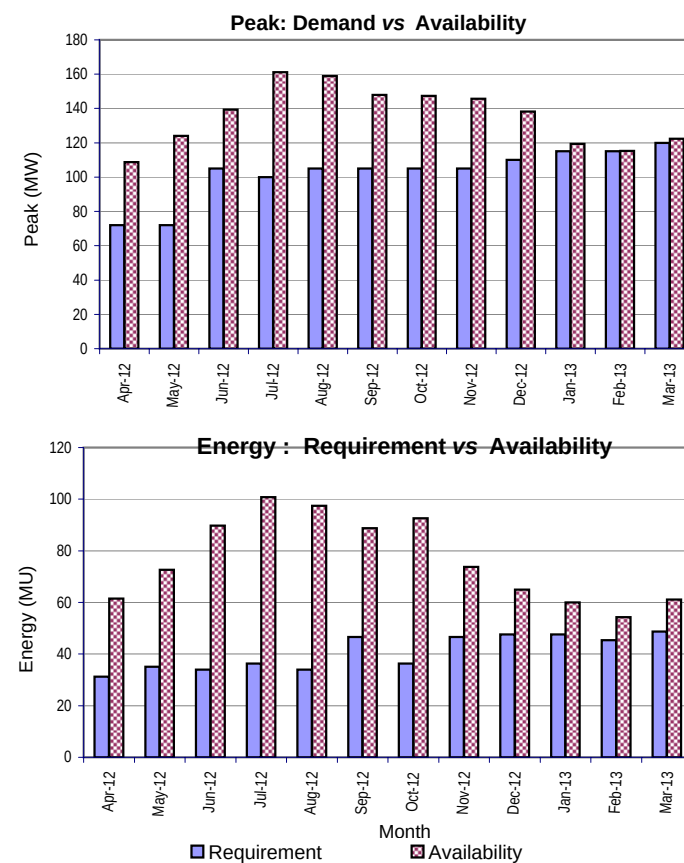
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	6808	6765	-43	-0.6	3637	3538	-99	-2.7
May-12	6914	6868	-46	-0.7	3911	3858	-53	-1.4
Jun-12	6633	6382	-251	-3.8	3957	3571	-386	-9.8
Jul-12	6454	6803	349	5.4	4000	3982	-18	-0.5
Aug-12	6744	6654	-90	-1.3	4171	3728	-443	-10.6
Sep-12	6976	6650	-326	-4.7	3930	3745	-186	-4.7
Oct-12	6909	6980	71	1.0	3863	3976	114	2.9
Nov-12	6509	6412	-97	-1.5	3200	3416	217	6.8
Dec-12	5862	6333	471	8.0	2949	3412	463	15.7
Jan-13	6106	6322	216	3.5	3189	3540	351	11.0
Feb-13	6439	6351	-88	-1.4	3159	3217	58	1.8
Mar-13	7194	6648	-545	-7.6	4443	3691	-752	-16.9
Annual	7194	6980	-214	-3.0	44409	43674	-735	-1.7



Anticipated month wise power supply position for 2012-13

Sikkim

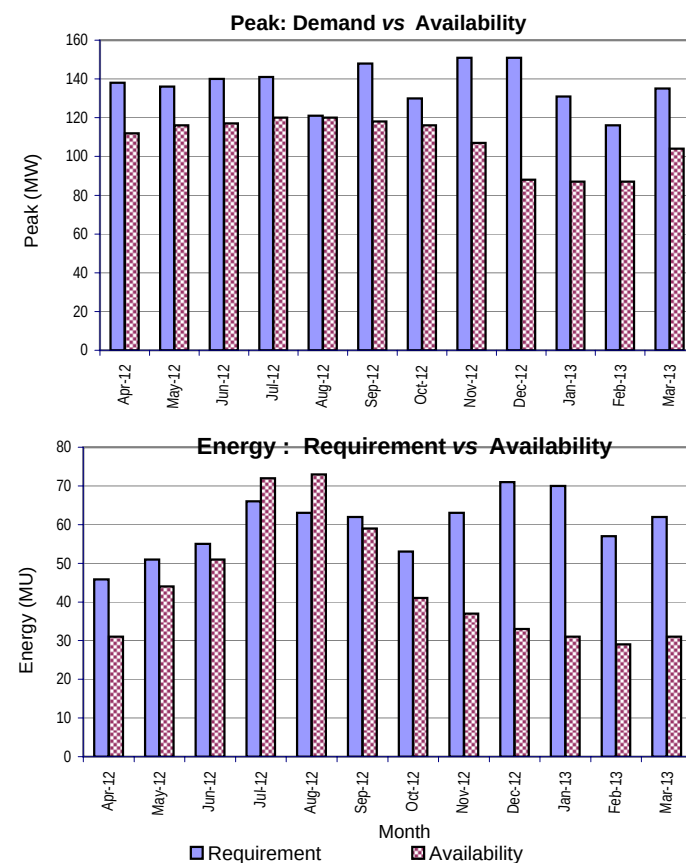
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	72	109	37	51.1	31	62	30	97.3
May-12	72	124	52	72.4	35	73	38	107.4
Jun-12	105	139	34	32.7	34	90	56	164.0
Jul-12	100	161	61	61.1	36	101	65	178.0
Aug-12	105	159	54	51.3	34	97	63	186.5
Sep-12	105	148	43	40.9	47	89	42	90.5
Oct-12	105	147	42	40.3	36	93	56	155.3
Nov-12	105	146	41	38.8	47	74	27	58.3
Dec-12	110	138	28	25.6	48	65	17	36.4
Jan-13	115	119	4	3.9	48	60	12	26.0
Feb-13	115	115	0	0.2	45	54	9	19.7
Mar-13	120	122	2	2.0	49	61	12	25.3
Annual	120	161	41	34.2	489	917	428	87.5



Anticipated month wise power supply position for 2012-13

Arunachal Pradesh

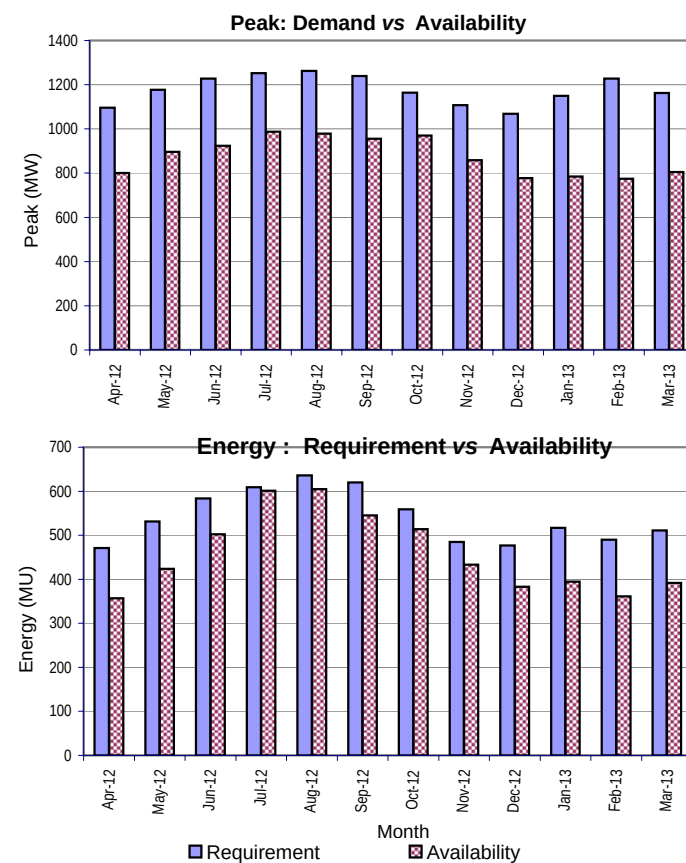
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	138	112	-26	-18.8	46	31	-15	-32.3
May-12	136	116	-20	-14.7	51	44	-7	-13.7
Jun-12	140	117	-23	-16.4	55	51	-4	-7.3
Jul-12	141	120	-21	-14.9	66	72	6	9.1
Aug-12	121	120	-1	-0.8	63	73	10	15.9
Sep-12	148	118	-30	-20.3	62	59	-3	-4.8
Oct-12	130	116	-14	-10.8	53	41	-12	-22.6
Nov-12	151	107	-44	-29.1	63	37	-26	-41.3
Dec-12	151	88	-63	-41.7	71	33	-38	-53.5
Jan-13	131	87	-44	-33.6	70	31	-39	-55.7
Feb-13	116	87	-29	-25.0	57	29	-28	-49.1
Mar-13	135	104	-31	-23.0	62	31	-31	-50.0
Annual	151	120	-31	-20.5	719	532	-187	-26.0



Anticipated month wise power supply position for 2012-13

Assam

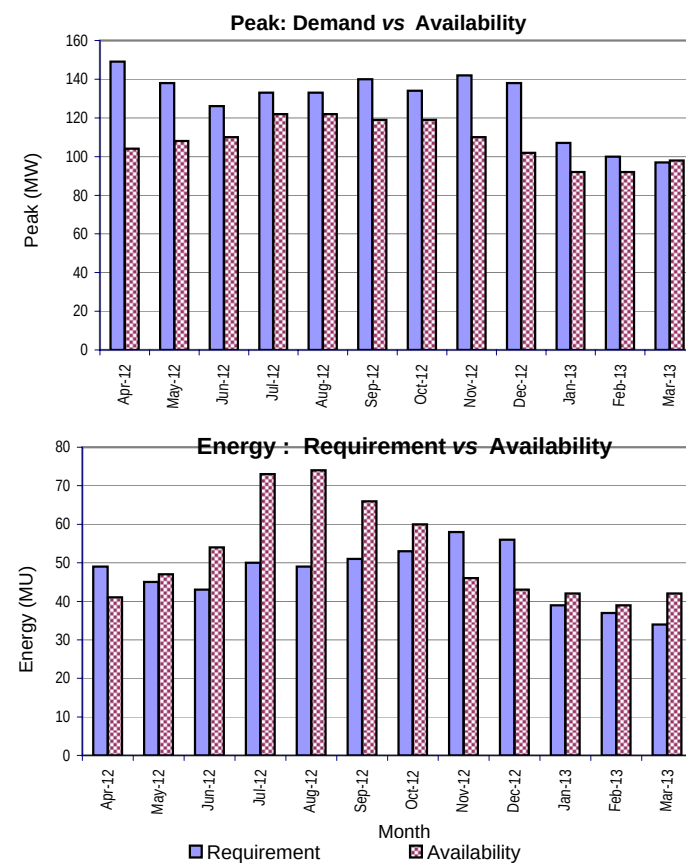
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	1096	801	-295	-26.9	471	357	-114	-24.2
May-12	1177	896	-281	-23.9	531	424	-107	-20.2
Jun-12	1228	924	-304	-24.8	584	502	-82	-14.0
Jul-12	1253	987	-266	-21.2	609	601	-8	-1.3
Aug-12	1262	978	-284	-22.5	636	605	-31	-4.9
Sep-12	1240	956	-284	-22.9	620	545	-75	-12.1
Oct-12	1164	970	-194	-16.7	559	514	-45	-8.1
Nov-12	1108	858	-250	-22.6	485	433	-52	-10.7
Dec-12	1068	778	-290	-27.2	477	383	-94	-19.7
Jan-13	1149	785	-364	-31.7	517	395	-122	-23.6
Feb-13	1227	774	-453	-36.9	490	361	-129	-26.3
Mar-13	1163	805	-358	-30.8	511	392	-119	-23.3
Annual	1262	987	-275	-21.8	6490	5512	-978	-15.1



Anticipated month wise power supply position for 2012-13

Manipur

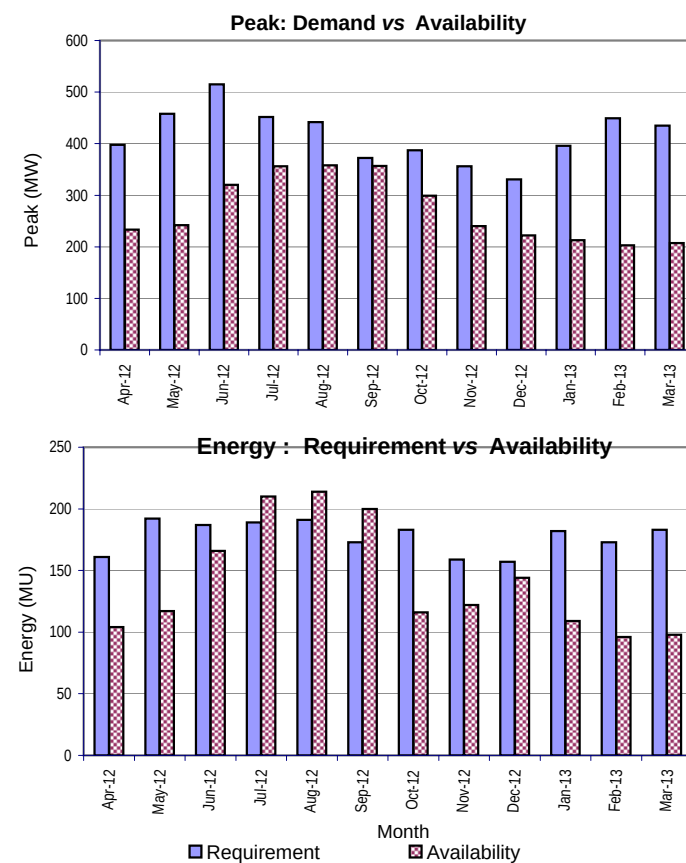
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	149	104	-45	-30.2	49	41	-8	-16.3
May-12	138	108	-30	-21.7	45	47	2	4.4
Jun-12	126	110	-16	-12.7	43	54	11	25.6
Jul-12	133	122	-11	-8.3	50	73	23	46.0
Aug-12	133	122	-11	-8.3	49	74	25	51.0
Sep-12	140	119	-21	-15.0	51	66	15	29.4
Oct-12	134	119	-15	-11.2	53	60	7	13.2
Nov-12	142	110	-32	-22.5	58	46	-12	-20.7
Dec-12	138	102	-36	-26.1	56	43	-13	-23.2
Jan-13	107	92	-15	-14.0	39	42	3	7.7
Feb-13	100	92	-8	-8.0	37	39	2	5.4
Mar-13	97	98	1	1.0	34	42	8	23.5
Annual	149	122	-27	-18.1	564	627	63	11.2



Anticipated month wise power supply position for 2012-13

Meghalaya

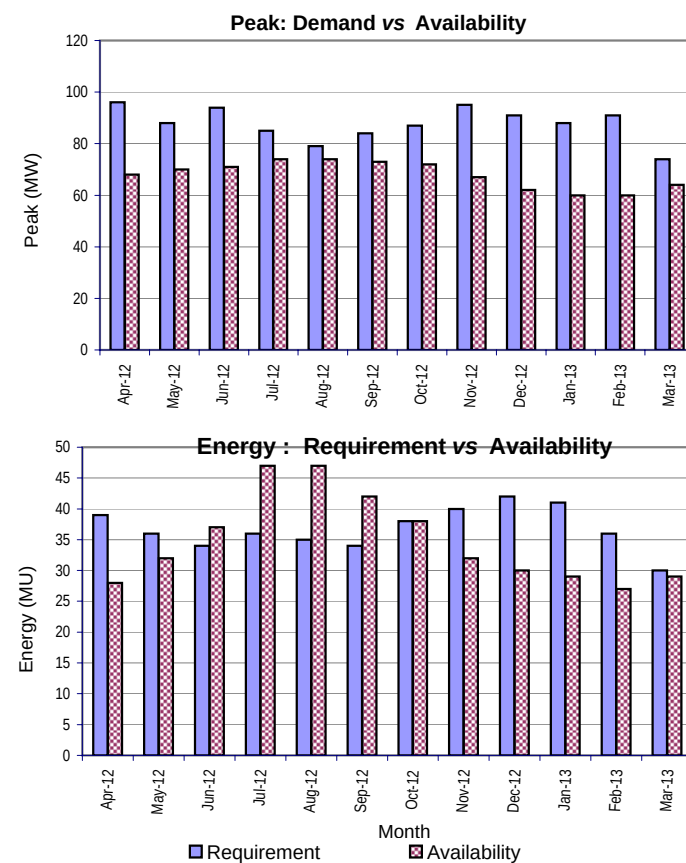
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	398	233	-165	-41.5	161	104	-57	-35.4
May-12	458	242	-216	-47.2	192	117	-75	-39.1
Jun-12	515	320	-195	-37.9	187	166	-21	-11.2
Jul-12	452	356	-96	-21.2	189	210	21	11.1
Aug-12	442	358	-84	-19.0	191	214	23	12.0
Sep-12	372	357	-15	-4.0	173	200	27	15.6
Oct-12	387	299	-88	-22.7	183	116	-67	-36.6
Nov-12	356	240	-116	-32.6	159	122	-37	-23.3
Dec-12	331	222	-109	-32.9	157	144	-13	-8.3
Jan-13	396	213	-183	-46.2	182	109	-73	-40.1
Feb-13	449	203	-246	-54.8	173	96	-77	-44.5
Mar-13	435	207	-228	-52.4	183	98	-85	-46.4
Annual	515	358	-157	-30.5	2130	1696	-434	-20.4



Anticipated month wise power supply position for 2012-13

Mizoram

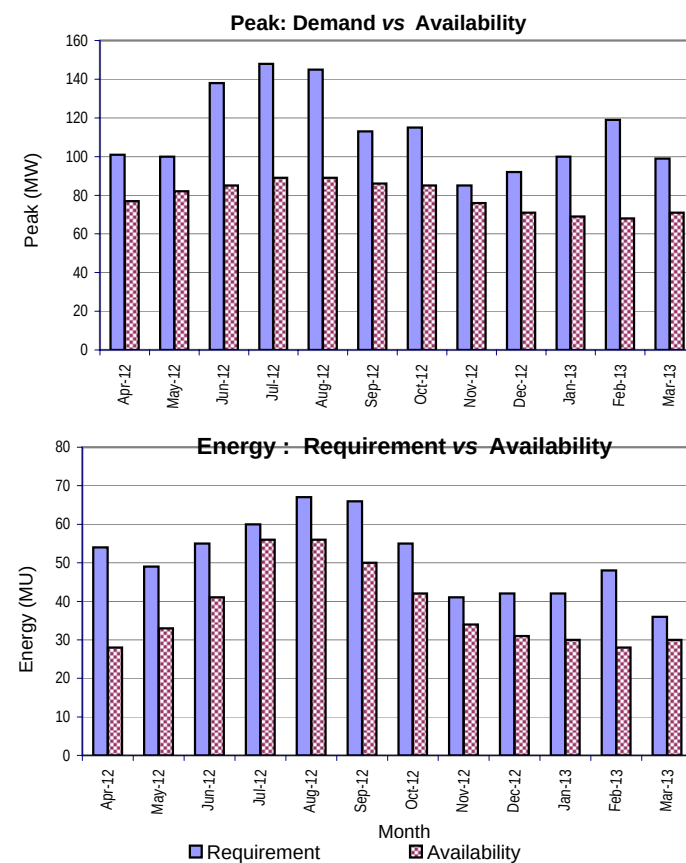
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	96	68	-28	-29.2	39	28	-11	-28.2
May-12	88	70	-18	-20.5	36	32	-4	-11.1
Jun-12	94	71	-23	-24.5	34	37	3	8.8
Jul-12	85	74	-11	-12.9	36	47	11	30.6
Aug-12	79	74	-5	-6.3	35	47	12	34.3
Sep-12	84	73	-11	-13.1	34	42	8	23.5
Oct-12	87	72	-15	-17.2	38	38	0	0.0
Nov-12	95	67	-28	-29.5	40	32	-8	-20.0
Dec-12	91	62	-29	-31.9	42	30	-12	-28.6
Jan-13	88	60	-28	-31.8	41	29	-12	-29.3
Feb-13	91	60	-31	-34.1	36	27	-9	-25.0
Mar-13	74	64	-10	-13.5	30	29	-1	-3.3
Annual	96	74	-22	-22.9	441	418	-23	-5.2



Anticipated month wise power supply position for 2012-13

Nagaland

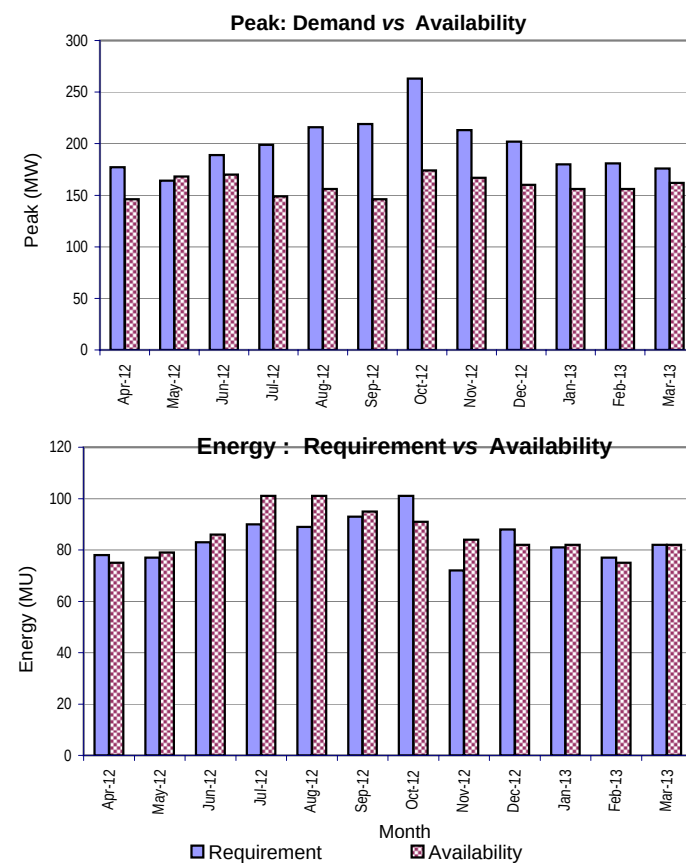
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	101	77	-24	-23.8	54	28	-26	-48.1
May-12	100	82	-18	-18.0	49	33	-16	-32.7
Jun-12	138	85	-53	-38.4	55	41	-14	-25.5
Jul-12	148	89	-59	-39.9	60	56	-4	-6.7
Aug-12	145	89	-56	-38.6	67	56	-11	-16.4
Sep-12	113	86	-27	-23.9	66	50	-16	-24.2
Oct-12	115	85	-30	-26.1	55	42	-13	-23.6
Nov-12	85	76	-9	-10.6	41	34	-7	-17.1
Dec-12	92	71	-21	-22.8	42	31	-11	-26.2
Jan-13	100	69	-31	-31.0	42	30	-12	-28.6
Feb-13	119	68	-51	-42.9	48	28	-20	-41.7
Mar-13	99	71	-28	-28.3	36	30	-6	-16.7
Annual	148	89	-59	-39.9	615	459	-156	-25.4



Anticipated month wise power supply position for 2012-13

Tripura

Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-12	177	146	-31	-17.5	78	75	-3	-3.8
May-12	164	168	4	2.4	77	79	2	2.6
Jun-12	189	170	-19	-10.1	83	86	3	3.6
Jul-12	199	149	-50	-25.1	90	101	11	12.2
Aug-12	216	156	-60	-27.8	89	101	12	13.5
Sep-12	219	146	-73	-33.3	93	95	2	2.2
Oct-12	263	174	-89	-33.8	101	91	-10	-9.9
Nov-12	213	167	-46	-21.6	72	84	12	16.7
Dec-12	202	160	-42	-20.8	88	82	-6	-6.8
Jan-13	180	156	-24	-13.3	81	82	1	1.2
Feb-13	181	156	-25	-13.8	77	75	-2	-2.6
Mar-13	176	162	-14	-8.0	82	82	0	0.0
Annual	263	174	-89	-33.8	1011	1033	22	2.2

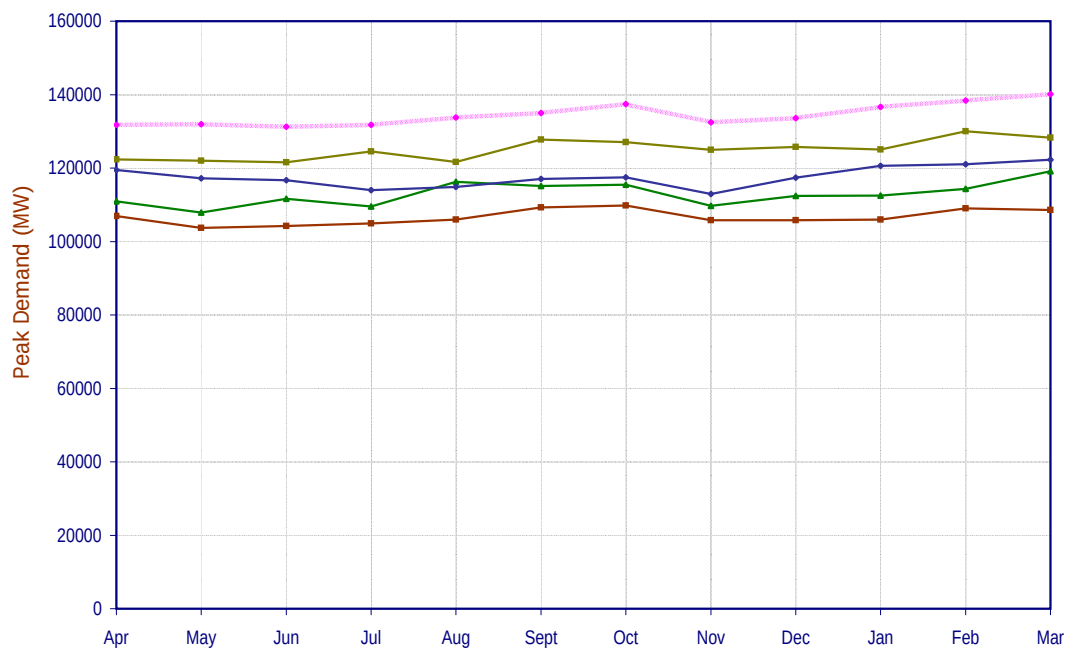


EXHIBIT

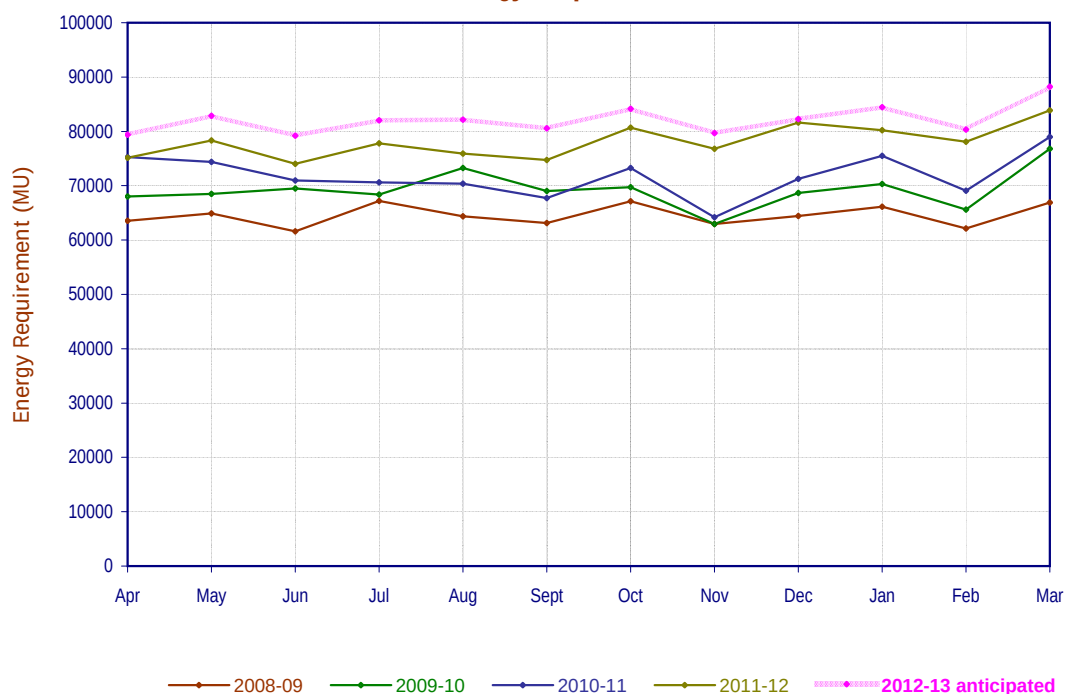
Pattern of Peak Demand & Energy Requirement

All India

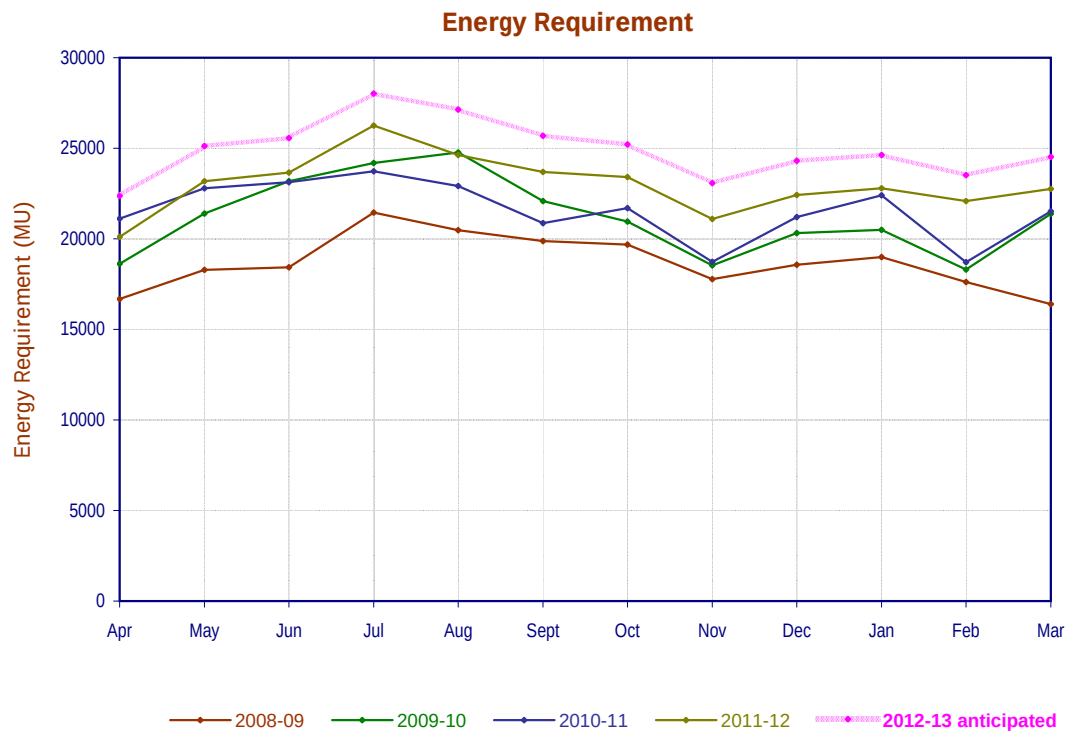
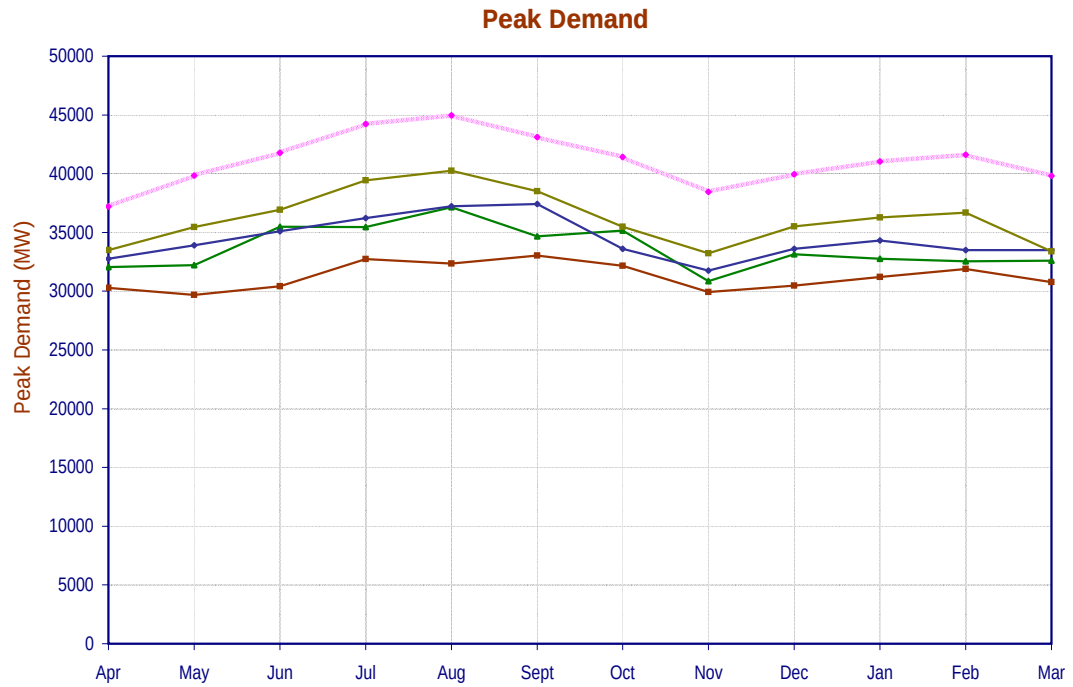
Peak Demand



Energy Requirement

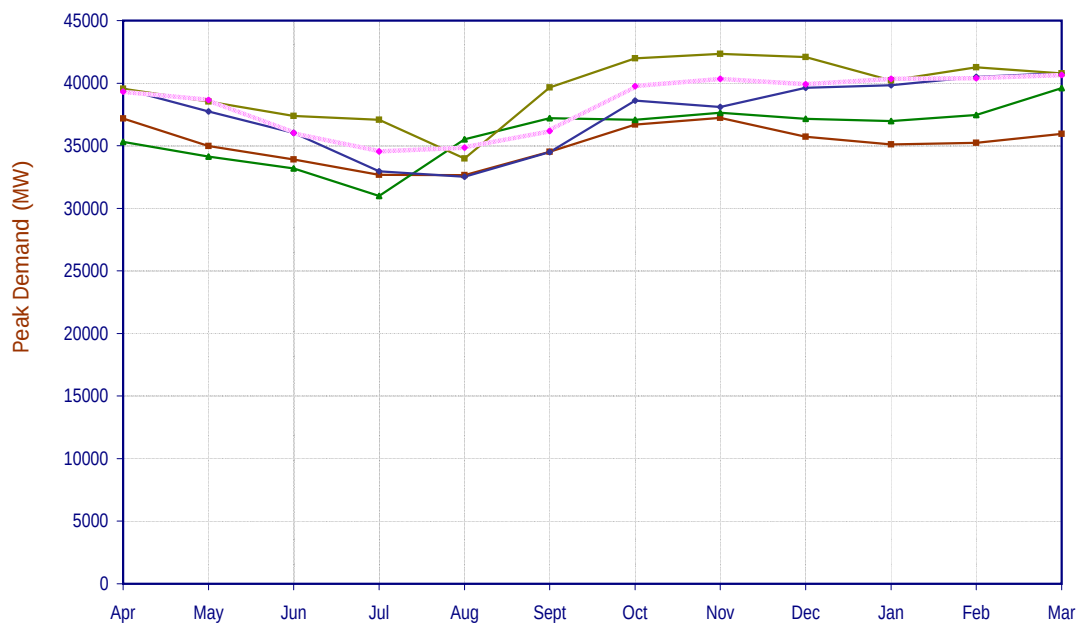


Pattern of Peak Demand & Energy Requirement Northern Region

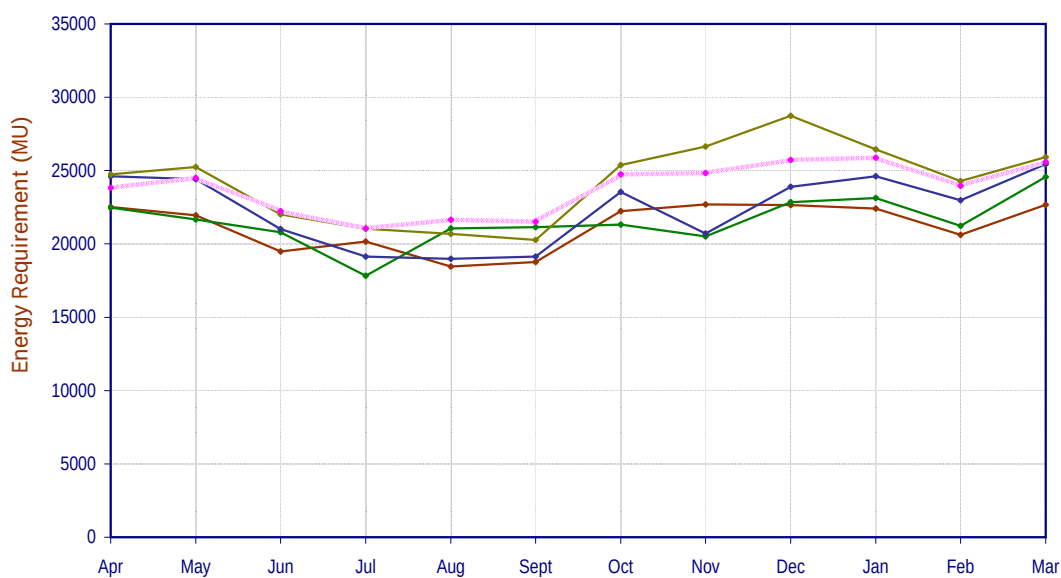


Pattern of Peak Demand & Energy Requirement Western Region

Peak Demand



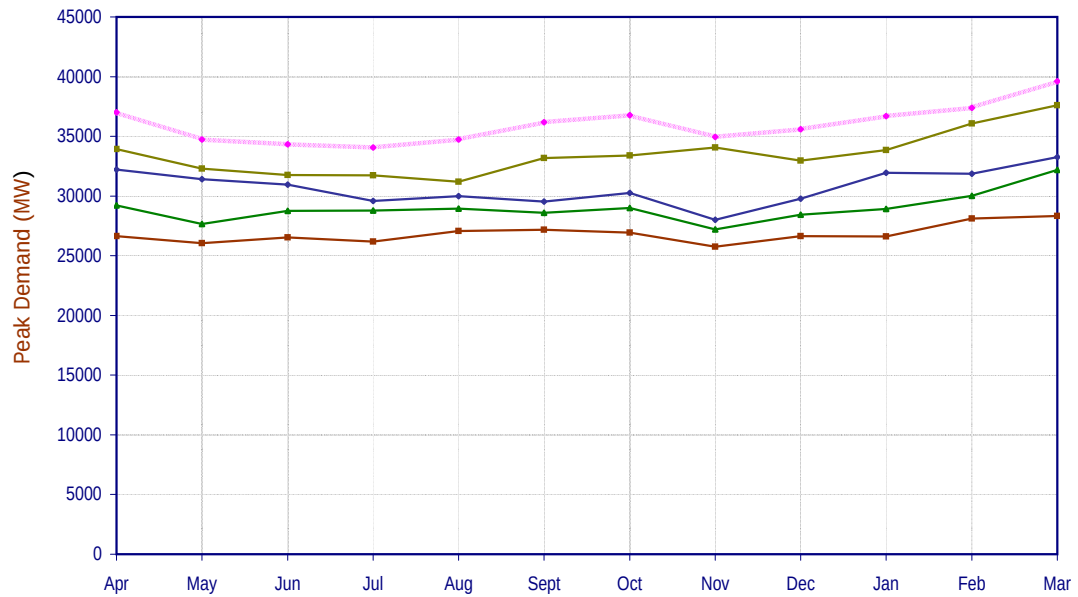
Energy Requirement



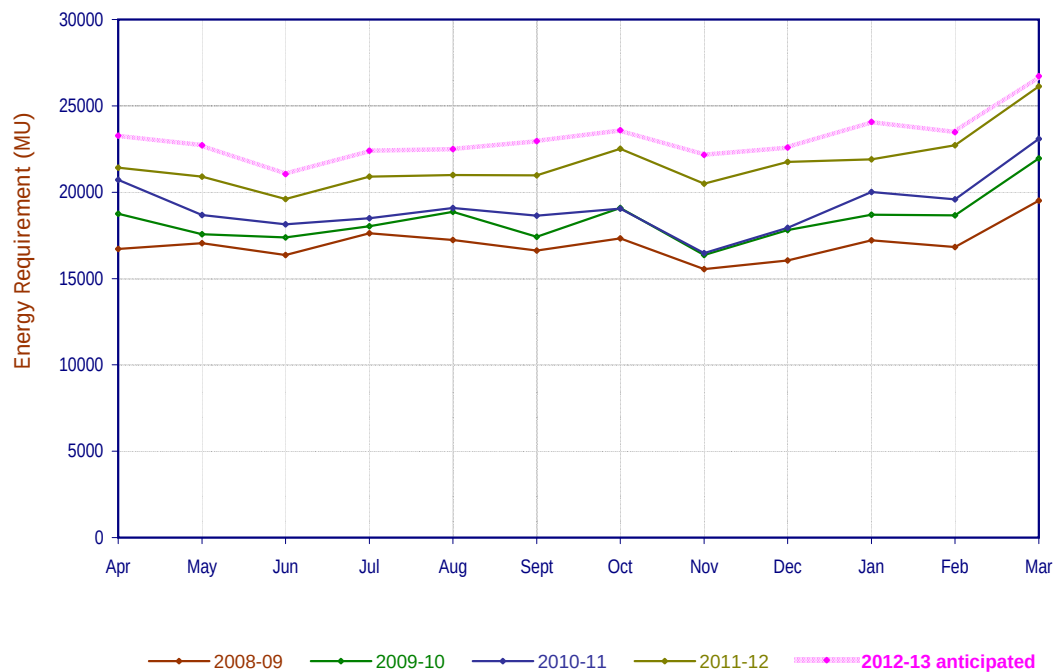
—●— 2008-09
 —●— 2009-10
 —●— 2010-11
 —●— 2011-12
 -●- 2012-13 anticipated

Pattern of Peak Demand & Energy Requirement Southern Region

Peak Demand

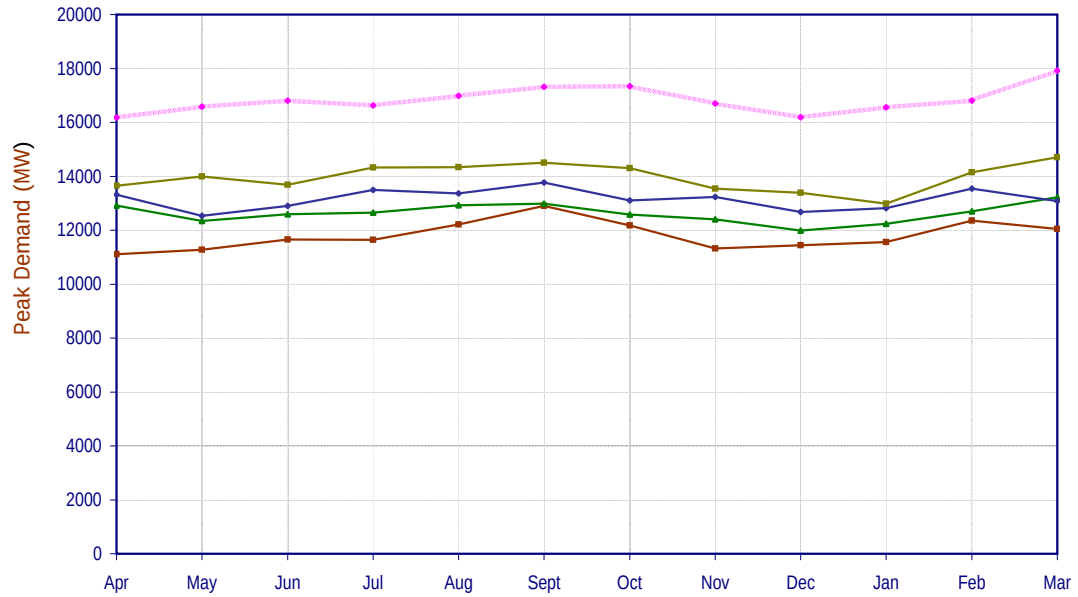


Energy Requirement

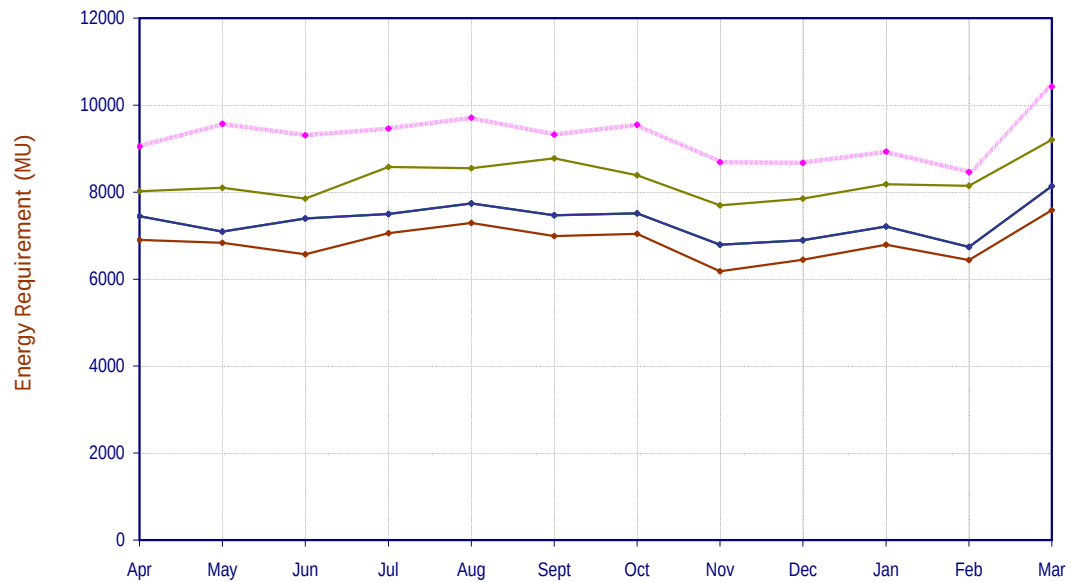


Pattern of Peak Demand & Energy Requirement Eastern Region

Peak Demand

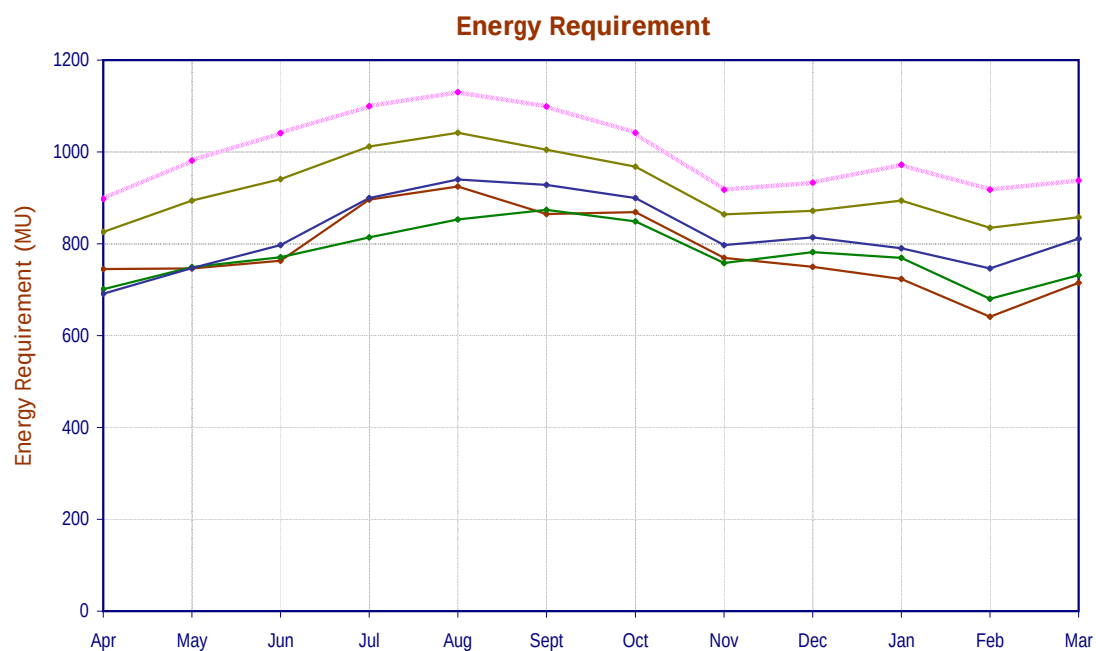
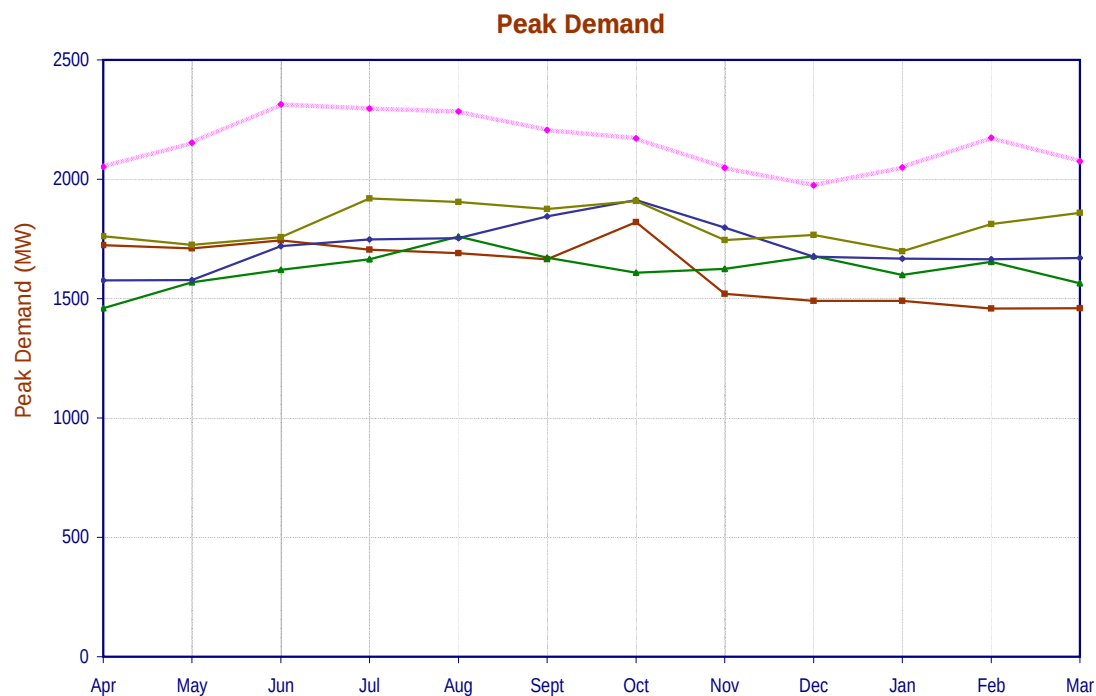


Energy Requirement



—●— 2008-09
 —●— 2009-10
 —●— 2010-11
 —●— 2011-12
 - - - - -●- - - - - 2012-13 anticipated

Pattern of Peak Demand & Energy Requirement North-Eastern Region



—●— 2008-09
 —●— 2009-10
 —●— 2010-11
 —●— 2011-12
 - - - - -●- - - - - 2012-13 anticipated