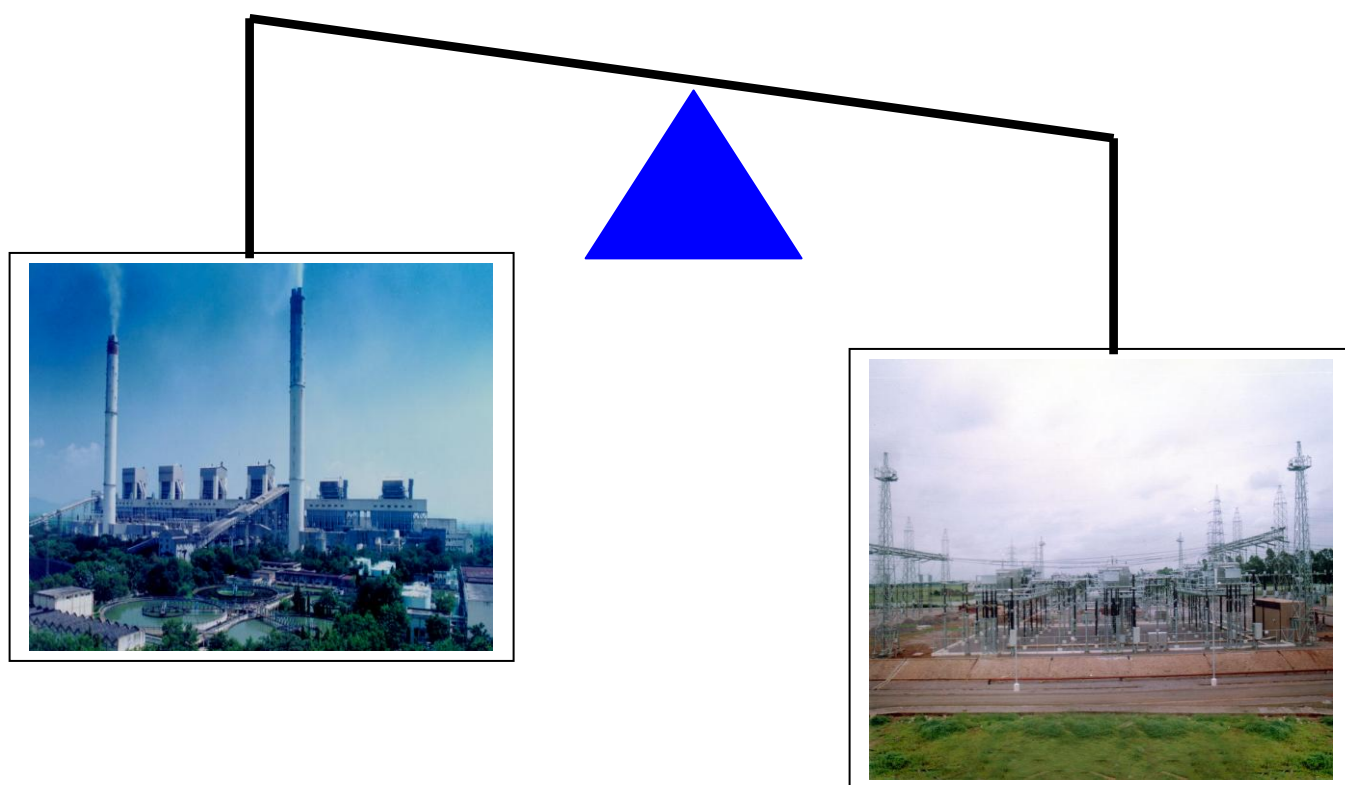




भारत उत्पादन संतुलन रिपोर्ट

Load Generation Balance Report

2010-11



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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Gurdial Singh
Chairperson
Central Electricity Authority
& Ex-officio Secretary to
Government of India

Foreword

The annual Load Generation Balance Report (LGBR) for the year 2010-11 is the twenty-ninth 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 2010-11 corresponding to annual All India generation target of 830757 MU 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. The report also brings out comparison of the actual Power Supply Position with the forecasted Power Supply Position indicated in LGBR for the year 2009-10.

During the year 2009-10, 765 kV Seoni – Bina S/C line and second circuit of 765 kV Bina – Gwalior D/C line have been commissioned. This would considerably enhance the power transfer capability between NR and WR. Efforts are also being made for enhanced capacity addition in the XI Five Year Plan. A generating capacity addition of 21,441 MW (including capacity of units slipped from 2009-10) has been considered in the LGBR for 2010-11. These measures are expected to help the deficit states to reduce their shortages.

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

New Delhi
May, 2010


(Gurdial Singh)



S. M. Dhiman
Member (GO&D)
Central Electricity Authority
& Ex-officio Additional Secretary to
Government of India

Preamble

Load Generation Balance Report is brought out annually by Central Electricity Authority and provides information about the likely 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 demand shortages.

The anticipated power supply position for the year 2010-11 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 trend analysis. The inputs provided by the RPCs are analysed and the anticipated month-wise power supply position prepared for each State, Region and the country by Grid Management Division of CEA. As per this LGBR, most States would face both peaking and energy shortages during 2010-11. 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. 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 generating capacity.

I would like to place on record my appreciation for special efforts made by Shri K. N. Garg, Chief Engineer and Shri S. N. Kayal, Director in supervising the entire exercise and Shri Anzum Parwej, 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 2010-11 and the Member Secretaries of all the five RPCs along with their team for furnishing the requirement/ availability figures for 2010-11 after having detailed discussions with the constituents of the concerned region.

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



(S. M. Dhiman)

New Delhi
May, 2010

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EXECUTIVE SUMMARY

EXECUTIVE SUMMARY

1. The assessment of the anticipated power supply position in the Country during the year 2010-11 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 21441 MW during the year 2010-11 comprising 18755 MW of thermal, 1466 MW of hydro and 1220 MW nuclear power stations has been considered. The gross energy generation in the country has been assessed as 830,757 MU 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	271068	237575	-33493	-12.4	40000	33220	-6780	-17.0
Western	262768	236334	-26434	-10.1	40210	34732	-5478	-13.6
Southern	232907	200192	-32715	-14.1	34224	28450	-5774	-16.9
Eastern	98451	101707	3256	3.3	16202	16568	366	2.3
North-Eastern	11662	8199	-3463	-29.7	1957	1679	-278	-14.2
All India	876856	784006	-92849	-10.6	126951	111533	-15418	-12.1

2. It may be seen that the anticipated energy and peaking shortage in the country would be 10.6% and 12.1% respectively. The peaking shortage would prevail in all the regions except Eastern region varying from 13.6% in the Western region to 17.0% in the Northern Region. Eastern Region is expected to be in comfortable position in terms of peak. There would be surplus energy of 3.3% in the Eastern region. All other regions would face energy shortage varying from 10.1% in the Western region to 29.7% in the North-Eastern region.
3. The State wise power supply position is given in the Table below. The month-wise power supply position in the various states/ regions has been given in the Report. There would be surplus energy in 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 2010-11

State / Region	Energy				Peak			
	Requirement	Availability	Surplus(+)/Deficit (-)		Requirement	Availability	Surplus(+)/Deficit (-)	
	(MU)	(MU)	(MU)	(%)	(MW)	(MW)	(MW)	(%)
Chandigarh	1657	1506	-151	-9.1	335	254	-81	-24.2
Delhi	25162	34293	9131	36.3	4850	5170	320	6.6
Haryana	36390	27488	-8902	-24.5	6390	4410	-1980	-31.0
Himachal Pradesh	7794	9036	1242	15.9	1180	1670	490	41.5
Jammu & Kashmir	14050	11023	-3027	-21.5	2300	1610	-690	-30.0
Punjab	48978	41948	-7030	-14.4	9900	7420	-2480	-25.1
Rajasthan	46612	46224	-388	-0.8	7200	6440	-760	-10.6
Uttar Pradesh	80983	58016	-22967	-28.4	10900	7690	-3210	-29.5
Uttarakhand	9442	8042	-1400	-14.8	1450	1360	-90	-6.2
Northern Region	271068	237575	-33493	-12.4	40000	33220	-6780	-17.0
Chhattisgarh	18368	17597	-771	-4.2	3275	2579	-696	-21.2
Gujarat	73999	68138	-5861	-7.9	10246	9277	-969	-9.5
Madhya Pradesh	47358	41978	-5380	-11.4	7800	6420	-1380	-17.7
Maharashtra	113191	100007	-13184	-11.7	18700	14219	-4481	-24.0
Daman & Diu	2251	1582	-669	-29.7	326	285	-41	-12.7
D.N. Haveli	4373	3899	-474	-10.8	576	543	-33	-5.7
Goa	3228	3132	-96	-3.0	507	436	-71	-13.9
Western Region	262768	236334	-26434	-10.1	40210	34732	-5478	-13.6
Andhra Pradesh	85072	75227	-9845	-11.6	12894	11093	-1801	-14.0
Karnataka	47367	41090	-6277	-13.3	7855	6546	-1309	-16.7
Kerala	19043	17111	-1932	-10.1	3445	2973	-472	-13.7
Tamil Nadu	79132	64601	-14531	-18.4	11282	9751	-1531	-13.6
Puducherry	2293	2162	-131	-5.7	335	293	-42	-12.5
Southern Region	232907	200192	-32715	-14.1	34224	28450	-5774	-16.9
Bihar	13035	10984	-2051	-15.7	2250	1631	-619	-27.5
DVC	16450	16821	371	2.3	2385	4908	2523	105.8
Jharkhand	7205	7353	148	2.1	1180	1189	9	0.8
Orissa	24795	22970	-1825	-7.4	3850	3916	66	1.7
West Bengal	36482	42649	6167	16.9	6483	6098	-385	-5.9
Sikkim	484	930	446	92.2	120	157	37	30.8
Eastern Region	98451	101707	3256	3.3	16202	16568	366	2.3
Arunachal Pradesh	577	573	-4	-0.7	140	132	-8	-5.7
Assam	5550	4283	-1267	-22.8	1000	940	-60	-6.0
Manipur	647	444	-203	-31.4	130	115	-15	-11.5
Meghalaya	2755	1253	-1502	-54.5	465	294	-171	-36.7
Mizoram	496	331	-165	-33.4	95	82	-13	-13.7
Nagaland	672	397	-275	-41.0	99	92	-7	-7.1
Tripura	965	920	-45	-4.7	151	140	-11	-7.3
North-Eastern Region	11662	8199	-3463	-29.7	1957	1679	-278	-14.2
All India	876856	784006	-92849	-10.6	126951	111533	-15418	-12.1

Load Generation Balance Report for the Year 2010-11

Load Generation Balance Report for the Year 2010-11

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 2009-10

2.1 All India

During the year 2009-10, though the total ex-bus energy availability increased by 8.0% over the previous year and the peak met increased by 7.5%, 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	830,594	119,166
Availability	746,644	104,009
Shortage	83,950	15,157
(%)	10.1%	12.7%

The energy requirement registered a growth of 6.9% during the year against the projected growth of 8.2% and Peak demand registered a growth of 8.5% against the projected growth of 8.2%. 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 4.4% in the Eastern Region to 13.7% in the Western Region. Region-wise picture in regard to actual power supply position in the country during the year 2009-10 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	254,231	224,661	-29,570	-11.6	37,159	31,439	-5,720	-15.4
Western	258,528	223,127	-35,401	-13.7	39,609	32,586	-7,023	-17.7
Southern	220,576	206,544	-14,032	-6.4	32,178	29,049	-3,129	-9.7
Eastern	87,927	84,017	-3,910	-4.4	13,220	12,384	-836	-6.3
North- Eastern	9,332	8,296	-1,036	-11.1	1,760	1,445	-315	-17.9

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 2009-10 are given in Annex - II.

It may be seen that in the Northern Region Delhi faced negligible energy shortage. Rajasthan, Himachal Pradesh, Chandigarh, Haryana and Uttarakhand experienced energy shortages in the range of 2-7% whereas the shortages in Punjab and Uttar Pradesh were in the range of 13-22%. The maximum energy shortage in Northern Region was in Jammu & Kashmir and was 24.8%.

In the Western Region, Goa, Dadra & Nagar Haveli and Chhattisgarh faced energy shortage in the range of 2-4%. Gujarat and Daman & Diu faced energy shortages in the range of 4-7% and Maharashtra faced energy shortage of 18.7% whereas the maximum energy shortage in Western Region was in Madhya Pradesh and was 19.0%.

In the Southern Region, Kerala, Tamil Nadu, Andhra Pradesh and Puducherry faced energy shortages in the range of 2-7%. The maximum energy shortage in Southern Region was in Karnataka and was 7.7%.

In Eastern Region, Orissa faced negligible energy shortage. DVC, Jharkhand, West Bengal and Sikkim faced energy shortages in the range of 2-12%. The maximum shortage of 14.4% was faced by Bihar.

In the North-Eastern Region, Assam, Tripura and Nagaland faced energy shortages in the range of 8-13%. The energy shortages witnessed in Meghalaya, Manipur, Mizoram and Arunachal Pradesh were in the range of 14-18.2%. The maximum energy shortage in North-Eastern Region was in Arunachal Pradesh at 18.5%. 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 2009-10 are shown in **Annex-III**. It may be seen that the Northern, Western, Southern, Eastern and North Eastern Regions faced peaking shortage of 15.4%, 17.7%, 9.7%, 6.3% and 17.9% respectively.

2.4 Month wise Actual Power Supply position during 2009-10

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

2.5 Inter-Regional/ Inter-State Exchanges

Efforts were made for optimal utilization of the available energy resources in the country by enhancing inter-regional/ inter-state exchanges. The total inter-state and inter-regional exchange during the year 2009-10 was 39174 MU, which was 13% 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 2009-10 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 2009-10 is given in **Annex-VI**.

3. REVIEW OF LGBR FOR THE YEAR 2009-10

3.1 All India

The forecast of all India energy requirement, energy availability, peak demand and peak met 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)	840544	830594	-1.2
Energy Availability (MU)	762115	746644	-2.0
Peak Demand (MW)	118794	119166	0.3
Peak Demand Met (MW)	103816	104009	0.2

The energy availability was less as compared to forecast on account of less than anticipated capacity addition and less generation from the existing stations than the target envisaged during preparation of LGBR. The actual peak demand was marginally higher than the anticipated peak demand due to lower than the anticipated load factor and interconnected operation of the NEW grid.

3.2 Region wise/ State wise

A comparison of the constituent-wise actual power supply position as against the forecast in respect of various regions for the year 2009-10 is given in **Annex -VII(A) & VII(B)**. 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)	241461	254231	5.3
Energy Availability (MU)	222875	224661	0.8
Peak Demand (MW)	35460	37159	4.8
Peak Demand Met (MW)	29970	31439	4.9

The forecast of energy requirement, energy availability, peak demand and peak met in the Northern Region for 2009-10 were quite close to the actual during the year and the actual figures were higher by 5.3%, 0.8%, 4.8% and 4.9% respectively than the forecast. The actual energy shortage was 11.6% as compared to forecast figure of 7.7%. The actual peak demand of the Northern Region was more than the anticipated on account of poor rainfall in the region resulting in higher demand of irrigation pumping.

There was 3.0% of energy shortage in Chandigarh against a forecasted shortage of 0.3%. Delhi had marginal shortage against projected surplus of 21.9%. Haryana had lower shortage than forecast on account of lower energy requirement as compared to forecast. The actual energy shortage in the case of Himachal Pradesh was 3.9%, as against the anticipated energy surplus of 10.4%, due to sale of power by Himachal Pradesh to other parts of the country. The actual shortage in case of Jammu & Kashmir was 24.8% against anticipated shortage of 1.4% due to lower energy availability than anticipated. In case of Punjab the actual energy shortage was 13.8% against a forecast of 15.1%. Rajasthan had an actual energy shortage of 2.4%, against a forecasted surplus of 4.6%. Uttar Pradesh had energy shortage of 21.6% against a forecast of 22.7%. Uttarakhand experienced a shortage of 6.5% against anticipated energy shortfall of 7.5%.

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)	276827	258528	-6.6
Energy Availability (MU)	234819	223127	-5.0
Peak Demand (MW)	37330	39609	6.1
Peak Demand Met (MW)	34276	32586	-4.9

The forecast of energy requirement, energy availability and peak met in the Western Region were close to the actual. The actual figures of energy requirement, energy availability and peak met were lower by 6.6%, 5.0%, and 4.9% respectively than the predicted figures whereas the actual peak demand was higher by 6.1% than the anticipated. The actual energy shortage in the Region was 13.7% as compared to forecasted figure of 15.2%. The actual peak demand of the Western Region was more than the anticipated on account of lower load factor and demand side management measures taken by states.

The actual energy shortage in the Western Region was less than the forecasted figure on account of lower requirement. All the states of Western Region except Madhya Pradesh and Gujarat experienced lower shortage than the forecast due to lower energy requirement than anticipated. The higher availability was due to import of power through bilateral contracts or traders. Chhattisgarh had energy shortage of 2.5% against forecast of surplus of 6.4% due to trading of power by Chhattisgarh. Gujarat had energy shortage of 4.5% against a forecast of 3.9%. Madhya Pradesh experienced actual energy shortage of 19.0% against a forecast of 5.4% due to lower energy availability. The actual energy shortage in Maharashtra was 18.7%, lower than the estimated energy shortage of 30.9%. In case of Goa, actual energy shortage of 2.1% was much lower than the anticipated energy shortage of 10.6% primarily due to the higher actual energy availability than the forecasted figure.

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)	220126	220576	0.2
Energy Availability (MU)	201222	206544	2.6
Peak Demand (MW)	31384	32178	2.5
Peak Demand Met (MW)	27216	29049	6.7

The actual energy requirement, energy availability, peak demand and peak met in Southern Region were higher than the predicted figures by 0.2%, 2.6%, 2.5% and 6.7% respectively. The actual energy shortage in the Region was 6.4% as compared to forecast figure of 8.6%. The actual peak demand of the Southern Region was less than the anticipated on account of higher load factor and demand side management measures taken by states.

The actual energy shortage in the Southern Region was less than the predicted figure mainly on account of higher availability than the anticipated even though the requirement was marginally higher than the forecast. The actual energy shortage in Andhra Pradesh was 6.6% as against the anticipated shortage of 2.0%. The actual energy shortage in Karnataka was 7.7% as against the anticipated shortage of 12.8%, due to lower energy requirement and higher energy availability as compared to the forecast. The actual energy shortage in Kerala was 2.4% as against the anticipated shortage of 12.0% due to lower energy requirement and higher energy availability than the forecast. The actual energy shortage in Tamil Nadu was 6.2% as against the anticipated shortage of 11.9% on account of higher availability than the forecast. The actual energy shortage in Puducherry was 6.8% as against the anticipated shortage of 14.6% due to lower energy requirement and higher availability as compared to the forecast.

3.2.3 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)	91386	87927	-3.8
Energy Availability (MU)	93613	84017	-10.3
Peak Demand (MW)	15110	13220	-12.5
Peak Demand Met (MW)	14165	12384	-12.6

The actual energy requirement, energy availability, peak demand and peak met in Eastern Region during 2009-10 were lower than anticipated by 3.8%, 10.3%, 12.5% and 12.6% respectively. The actual energy shortage in the Region was 4.4% as compared to forecast surplus figure of 2.4%. The actual peak demand of the Eastern Region was less than the forecast due to less than anticipated growth.

There was energy shortage of 4.4% in the Eastern Region against anticipated surplus of 2.4%. This was mainly due to lower 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 energy shortages in West Bengal and

Sikkim were 2.8% and 11.1% against anticipated energy surplus of 21.4% and 107.6%. The actual energy shortages in the constituent system/ states of Bihar, Jharkhand, Damodar Valley Corporation (DVC) and Orissa were 14.4%, 7.8%, 4.1% and 0.9% as against anticipated shortage of 15.0%, 1.0%, 6.6% and 10.6%. Shortage in Jharkhand was more than the forecast due to lesser availability and in case of Orissa shortage was less due to lesser requirement and higher availability than the forecast.

3.2.4 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)	10744	9332	-13.1
Energy Availability (MU)	9586	8296	-13.5
Peak Demand (MW)	1804	1760	-2.4
Peak Demand Met (MW)	1537	1445	-6.0

The actual energy requirement, energy availability, peak demand and peak met in North Eastern Region during 2009-10 were lower than anticipated by 13.1%, 13.5%, 2.4% and 6.0% respectively. The actual energy shortage in the Region was 11.1% as compared to forecast figure of 10.8%. 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 shortage in the North Eastern Region was higher than the forecasted figure mainly on account of much lower availability than the forecast even though the actual requirement was also lower than the forecast. The actual energy shortages in Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram and Nagaland were 18.5%, 8.5%, 17.9%, 14.4%, 18.2% and 12.1% as against the forecasted shortages of 16.9%, 9.2%, 8.0%, 25.0%, 0.7% and 5.7% respectively. The actual energy shortage in the case of Tripura was 9.8% against a forecast surplus figure of 5.6%. The main reason for shortages in all the constituent states of North Eastern Region were lower actual energy availability vis-à-vis the corresponding anticipated figures. The lower energy availability was due to net export of power by Arunachal Pradesh, Assam and Tripura through bilateral contracts or through traders and underdrawal of power vis-à-vis the scheduled drawal by Arunachal Pradesh, Assam, Manipur and Tripura.

4. LOAD GENERATION BALANCE REPORT FOR THE YEAR 2010-11

4.1 Overview

The exercise for anticipated power supply position in the country for the next year 2010-11 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 power 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 a detailed process of consultations in CEA 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 CEA to arrive at the all India power supply position.

The studies carried out for anticipated power supply position for the year 2010-11, indicate that there would be energy shortage of 10.6% and peak shortage of 12.1% in the country during 2010-11.

The methodologies for assessment of power supply position in the Country, each Region and State are 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 2010-11 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 2010-11 (as on 31/03/2010) 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 21441 MW during the year has been considered comprising as under:

<u>Category</u>	<u>Installed Capacity (MW)</u>
Thermal	18755
Hydro	1466
Nuclear	1220
Total	21441

The details of the new generating units for benefits during 2010-11 along with the commissioning schedule are given in the **Annex-IX**. The gross energy generation target of 830,757 MU for the year 2010-11 has been fixed in consultation with the various generating companies as under:

<u>Type</u>	<u>Generation Target (MU)</u>
Thermal	690857
Nuclear	22000
Hydro	111352
Bhutan Import	6548
Total	830757

4.2.2 Assessment of Energy Availability

The net energy availability ex-bus corresponding to gross energy target as finalized in CEA/ MoP following 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 Secretariats' as under.

- Generation from generating plants owned by the State,
- Share of Power from the common projects,
- Allocation of firm power from Central Generating Stations,
- Allocation from unallocated quota of power from Central generating stations as per the allocation in vogue.
- Energy import-export under long term bilateral agreements

The allocation of unallocated power from Central generating stations 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 withdrawal /under draws of energy as compared to 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 power 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 2010-11 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 2010-11

4.4.1 All India

During the year 2010-11, there would be energy shortage of 10.6% and peak shortage of 12.1%. 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 in the Country during 2009-10

<u>Particulars</u>	<u>Energy (MU)</u>	<u>Peak (MW)</u>
Requirement	876856	126951
Availability	784006	111533
Surplus(+)/Shortage (-)	-92849	-15418
Surplus(+)/Shortage(-) %	-10.6%	-12.1%

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 2010-11 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	271068	237575	-33493	-12.4	40000	33220	-6780	-17.0
Western	262768	236334	-26434	-10.1	40210	34732	-5478	-13.6
Southern	232907	200192	-32715	-14.1	34224	28450	-5774	-16.9
Eastern	98451	101707	3256	3.3	16202	16568	366	2.3
North-Eastern	11662	8199	-3463	-29.7	1957	1679	-278	-14.2
All India	876856	784006	-92849	-10.6	126951	111533	-15418	-12.1

It may be seen that the Eastern region would be surplus in energy to the extent of 3.3%. All other regions would face energy shortage varying from 10.1% in the Western region to 29.7% in the North Eastern region. The peaking shortage is expected to prevail in all the regions except Eastern region, varying from 13.6% in the Western region to 17.0% in the Northern Region. Eastern Region is expected to be in comfortable position in terms of peak.

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 2006-07, 2007-08, 2008-09 and 2009-10 along with forecasted demand patterns for 2010-11 are given at **Exhibit-1(a)** to **Exhibit -1(f)** respectively.

4.5 State wise Power Supply Position

The State wise annual power supply position in each State/ UT is given in the **Annex-XIII**. It may be seen that 28 States/UTs would have energy as well as peak deficit of varying degrees and 6 States/ UTs would have net surplus energy as well as peak on annual basis.

Range	Number of States	
	Energy	Peak
<u>Deficit</u>		
above 20%	9	9
10% - 20%	10	11
5% - 10%	4	8
0% - 5%	5	0
Total	28	28
<u>Surplus</u>		
above 20%	2	3
10% - 20%	2	0
5% - 10%	0	1
0% - 5%	2	2
Total	6	6

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

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

The State of West Bengal would have surplus in terms of energy whereas Orissa will be in comfortable position in terms of peak on annual basis.

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

ANNEXES

Month wise power supply position of India in 2009-10

Year	Demand (MW)				Energy (MU)			
	Peak Demand	Demand Met	Surplus (+)/ Deficit (-)	(%) Surplus/ Deficit	Energy requirement	Availability	Surplus (+)/ Deficit (-)	(%) Surplus/ Deficit
April 09	110958	97355	-13603	-12.3	67992	60377	-7615	-11.2
May 09	107920	95033	-12887	-11.9	68471	62477	-5994	-8.8
June 09	111662	96871	-14791	-13.2	69508	62126	-7382	-10.6
July 09	109553	96282	-13271	-12.1	68361	62685	-5676	-8.3
August 09	116281	99277	-17004	-14.6	73273	65287	-7986	-10.9
September 09	115116	101609	-13507	-11.7	68994	62339	-6655	-9.6
October 09	115432	101564	-13868	-12.0	69714	63180	-6534	-9.4
November 09	109721	95783	-13938	-12.7	62944	57350	-5594	-8.9
December 09	112394	97738	-14656	-13.0	68650	61487	-7163	-10.4
January 10	112505	98438	-14067	-12.5	70306	62766	-7540	-10.7
February 10	114362	99822	-14540	-12.7	65594	58906	-6688	-10.2
March 10	119166	104009	-15157	-12.7	76787	67664	-9123	-11.9
Annual	119166	104009	-15157	-12.7	830594	746644	-83950	-10.1

Actual power supply position in terms of energy requirement vis-à-vis energy availability of various States/ Systems during the year 2009-10

Region / State / System	Requirement (MU)	Availability (MU)	Surplus / Deficit(-) (MU) (%)	
All India	830,594	746,644	-83,950	-10.1
Northern Region	254,231	224,661	-29,570	-11.6
Chandigarh	1,576	1,528	-48	-3.0
Delhi	24,277	24,094	-183	-0.8
Haryana	33,441	32,023	-1,418	-4.2
Himachal Pradesh	7,047	6,769	-278	-3.9
Jammu & Kashmir	13,200	9,933	-3,267	-24.8
Punjab	45,731	39,408	-6,323	-13.8
Rajasthan	44,109	43,062	-1,047	-2.4
Uttar Pradesh	75,930	59,508	-16,422	-21.6
Uttarakhand	8,921	8,338	-583	-6.5
Western Region	258,528	223,127	-35,401	-13.7
Chhattisgarh	11,009	10,739	-270	-2.5
Gujarat	70,369	67,220	-3,149	-4.5
Madhya Pradesh	43,179	34,973	-8,206	-19.0
Maharashtra	124,936	101,512	-23,424	-18.7
Daman & Diu	1,934	1,802	-132	-6.8
Dadra & Nagar Haveli	4,007	3,853	-154	-3.8
Goa	3,092	3,026	-66	-2.1
Southern Region	220,576	206,544	-14,032	-6.4
Andhra Pradesh	78,996	73,765	-5,231	-6.6
Karnataka	45,550	42,041	-3,509	-7.7
Kerala	17,619	17,196	-423	-2.4
Tamil Nadu	76,293	71,568	-4,725	-6.2
Puducherry	2,119	1,975	-144	-6.8
Eastern Region	87,927	84,017	-3,910	-4.4
Bihar	11,587	9,914	-1,673	-14.4
Damodar Valley Corporation	15,199	14,577	-622	-4.1
Jharkhand	5,867	5,407	-460	-7.8
Orissa	21,136	20,955	-181	-0.9
West Bengal	33,750	32,819	-931	-2.8
Sikkim	388	345	-43	-11.1
North-Eastern Region	9,332	8,296	-1,036	-11.1
Arunachal Pradesh	399	325	-74	-18.5
Assam	5,122	4,688	-434	-8.5
Manipur	524	430	-94	-17.9
Meghalaya	1,550	1,327	-223	-14.4
Mizoram	352	288	-64	-18.2
Nagaland	530	466	-64	-12.1
Tripura	855	771	-84	-9.8

Annex - III

Actual power supply position in terms of peak demand vis-à-vis peak met of various States/ Systems during the year 2009-10

Region / State / System	Peak Demand (MW)	Peak Met (MW)	Surplus / Deficit(-) (MW) (%)	
All India	119,166	104,009	-15,157	-12.7
Northern Region	37,159	31,439	-5,720	-15.4
Chandigarh	308	308	0	0.0
Delhi	4,502	4,408	-94	-2.1
Haryana	6,133	5,678	-455	-7.4
Himachal Pradesh	1,118	1,158	40	3.6
Jammu & Kashmir	2,247	1,487	-760	-33.8
Punjab	9,786	7,407	-2,379	-24.3
Rajasthan	6,859	6,859	0	0.0
Uttar Pradesh	10,856	8,563	-2,293	-21.1
Uttarakhand	1,397	1,313	-84	-6.0
Western Region	39,609	32,586	-7,023	-17.7
Chhattisgarh	2,819	2,703	-116	-4.1
Gujarat	10,406	9,515	-891	-8.6
Madhya Pradesh	7,490	6,415	-1,075	-14.4
Maharashtra	19,388	14,664	-4,724	-24.4
Daman & Diu	280	255	-25	-8.9
Dadra & Nagar Haveli	529	494	-35	-6.6
Goa	485	453	-32	-6.6
Southern Region	32,178	29,049	-3,129	-9.7
Andhra Pradesh	12,168	10,880	-1,288	-10.6
Karnataka	7,942	6,897	-1,045	-13.2
Kerala	3,109	2,982	-127	-4.1
Tamil Nadu	11,125	9,813	-1,312	-11.8
Puducherry	327	294	-33	-10.1
Eastern Region	13,220	12,384	-836	-6.3
Bihar	2,249	1,509	-740	-32.9
Damodar Valley Corporation	1,938	1,910	-28	-1.4
Jharkhand	1,088	947	-141	-13.0
Orissa	3,188	3,120	-68	-2.1
West Bengal	6,094	5,963	-131	-2.1
Sikkim	96	94	-2	-2.1
North-Eastern Region	1,760	1,445	-315	-17.9
Arunachal Pradesh	95	78	-17	-17.9
Assam	920	874	-46	-5.0
Manipur	111	99	-12	-10.8
Meghalaya	280	250	-30	-10.7
Mizoram	70	64	-6	-8.6
Nagaland	100	96	-4	-4.0
Tripura	176	173	-3	-1.7

Month wise power supply position of States/ UTs during the year 2009-10 (in terms of energy)													
State/ Region	Apr/09	May/09	Jun/09	Jul/09	Aug/09	Sep/09	Oct/09	Nov/09	Dec/09	Jan/10	Feb/10	Mar/10	2009-10
Chandigarh													
Requirememnt (MU)	116	149	162	169	159	160	119	95	106	136	95	110	1576
Availability (MU)	116	149	162	169	159	134	114	95	106	119	95	110	1528
Surplus(+)/Deficit (-) (MU)	0	0 0		0	0	-26	-5	0	0	-17	0	0	-48
(%)	0.0	0.0	0.0	0.0	0.0	-16.3	-4.2	0.0	0.0	-12.5	0.0	0.0	-3.0
Delhi													
Requirememnt (MU)	1905	2360	2482	2644	2561	2215	1893	1532	1615	1824	1459	1787	24277
Availability (MU)	1881	2342	2442	2632	2526	2204	1886	1527	1610	1811	1453	1780	24094
Surplus(+)/Deficit (-) (MU)	-24	-18	-40	-12	-35	-11	-7	-5	-5	-13	-6	-7	-183
(%)	-1.3	-0.8	-1.6	-0.5	-1.4	-0.5	-0.4	-0.3	-0.3	-0.7	-0.4	-0.4	-0.8
Haryana													
Requirememnt (MU)	2175	2708	3107	3558	3634	3025	2891	2359	2623	2265	2366	2730	33441
Availability (MU)	2111	2587	2887	3505	3414	2923	2792	2323	2531	2243	2244	2463	32023
Surplus(+)/Deficit (-) (MU)	-64	-121	-220	-53	-220	-102	-99	-36	-92	-22	-122	-267	-1418
(%)	-2.9	-4.5	-7.1	-1.5	-6.1	-3.4	-3.4	-1.5	-3.5	-1.0	-5.2	-9.8	-4.2
Himachal Pradesh													
Requirememnt (MU)	514	557	568	584	583	569	580	581	644	652	565	650	7047
Availability (MU)	511	553	539	581	547	541	552	551	615	615	549	615	6769
Surplus(+)/Deficit (-) (MU)	-3	-4	-29	-3	-36	-28	-28	-30	-29	-37	-16	-35	-278
(%)	-0.6	-0.7	-5.1	-0.5	-6.2	-4.9	-4.8	-5.2	-4.5	-5.7	-2.8	-5.4	-3.9
Jammu & Kashmir													
Requirememnt (MU)	1069	1069	1005	1011	1008	1082	1099	1133	1234	1221	1076	1193	13200
Availability (MU)	799	797	750	754	752	809	825	855	930	933	825	904	9933
Surplus(+)/Deficit (-) (MU)	-270	-272	-255	-257	-256	-273	-274	-278	-304	-288	-251	-289	-3267
(%)	-25.3	-25.4	-25.4	-25.4	-25.4	-25.2	-24.9	-24.5	-24.6	-23.6	-23.3	-24.2	-24.8
Punjab													
Requirememnt (MU)	2872	3862	4833	5259	5745	4741	3649	2577	2994	2967	2775	3457	45731
Availability (MU)	2633	3587	4050	4621	4542	3747	3088	2418	2657	2513	2490	3062	39408
Surplus(+)/Deficit (-) (MU)	-239	-275	-783	-638	-1203	-994	-561	-159	-337	-454	-285	-395	-6323
(%)	-8.3	-7.1	-16.2	-12.1	-20.9	-21.0	-15.4	-6.2	-11.3	-15.3	-10.3	-11.4	-13.8
Rajasthan													
Requirememnt (MU)	3171	3553	3429	3284	3526	3303	3808	3786	4205	4212	3808	4024	44109
Availability (MU)	3103	3399	3237	3126	3238	3248	3788	3778	4179	4160	3800	4006	43062
Surplus(+)/Deficit (-) (MU)	-68	-154	-192	-158	-288	-55	-20	-8	-26	-52	-8	-18	-1047
(%)	-2.1	-4.3	-5.6	-4.8	-8.2	-1.7	-0.5	-0.2	-0.6	-1.2	-0.2	-0.4	-2.4

Month wise power supply position of States/ UTs during the year 2009-10 (in terms of energy)													
State/ Region	Apr/09	May/09	Jun/09	Jul/09	Aug/09	Sep/09	Oct/09	Nov/09	Dec/09	Jan/10	Feb/10	Mar/10	2009-10
Uttar Pradesh													
Requirememnt (MU)	6117	6427	6817	6882	6785	6255	6205	5771	6140	6409	5455	6667	75930
Availability (MU)	4749	5029	5220	5372	5230	4897	4779	4440	4855	5085	4526	5326	59508
Surplus(+)/Deficit (-) (MU)	-1368	-1398	-1597	-1510	-1555	-1358	-1426	-1331	-1285	-1324	-929	-1341	-16422
(%)	-22.4	-21.8	-23.4	-21.9	-22.9	-21.7	-23.0	-23.1	-20.9	-20.7	-17.0	-20.1	-21.6
Uttarakhand													
Requirememnt (MU)	685	713	769	792	771	732	705	707	765	815	701	766	8921
Availability (MU)	647	688	717	772	729	708	671	665	712	729	620	680	8338
Surplus(+)/Deficit (-) (MU)	-38	-25	-52	-20	-42	-24	-34	-42	-53	-86	-81	-86	-583
(%)	-5.5	-3.5	-6.8	-2.5	-5.4	-3.3	-4.8	-5.9	-6.9	-10.6	-11.6	-11.2	-6.5
Northern Region													
Requirememnt (MU)	18624	21398	23172	24183	24771	22081	20949	18541	20325	20503	18300	21384	254231
Availability (MU)	16550	19131	20004	21532	21135	19209	18495	16652	18195	18208	16602	18948	224661
Surplus(+)/Deficit (-) (MU)	-2074	-2267	-3168	-2651	-3636	-2872	-2454	-1889	-2130	-2295	-1698	-2436	-29570
(%)	-11.1	-10.6	-13.7	-11.0	-14.7	-13.0	-11.7	-10.2	-10.5	-11.2	-9.3	-11.4	-11.6
Chhattisgarh													
Requirememnt (MU)	1270	1087	980	1035	1208	1155	820	499	588	751	709	907	11009
Availability (MU)	1229	1067	953	1016	1159	1124	796	489	580	738	702	886	10739
Surplus(+)/Deficit (-) (MU)	-41	-20	-27	-19	-49	-31	-24	-10	-8	-13	-7	-21	-270
(%)	-3.2	-1.8	-2.8	-1.8	-4.1	-2.7	-2.9	-2.0	-1.4	-1.7	-1.0	-2.3	-2.5
Gujarat													
Requirememnt (MU)	5785	5714	5484	4654	5835	6134	5977	6199	6262	6036	5506	6783	70369
Availability (MU)	5600	5677	5410	4622	5711	6060	5917	5694	5715	5495	5064	6255	67220
Surplus(+)/Deficit (-) (MU)	-185	-37	-74	-32	-124	-74	-60	-505	-547	-541	-442	-528	-3149
(%)	-3.2	-0.6	-1.3	-0.7	-2.1	-1.2	-1.0	-8.1	-8.7	-9.0	-8.0	-7.8	-4.5
Madhya Pradesh													
Requirememnt (MU)	3422	3298	3298	2860	3109	3296	3610	3538	4297	4556	3915	3980	43179
Availability (MU)	2797	2717	2503	2356	2513	2734	3086	3068	3518	3597	2971	3113	34973
Surplus(+)/Deficit (-) (MU)	-625	-581	-795	-504	-596	-562	-524	-470	-779	-959	-944	-867	-8206
(%)	-18.3	-17.6	-24.1	-17.6	-19.2	-17.1	-14.5	-13.3	-18.1	-21.0	-24.1	-21.8	-19.0
Maharashtra													
Requirememnt (MU)	11247	10803	10286	8549	10140	9835	10171	9524	10908	10988	10378	12107	124936
Availability (MU)	8793	8943	8431	7559	8307	8080	8458	7926	8608	8706	8203	9498	101512
Surplus(+)/Deficit (-) (MU)	-2454	-1860	-1855	-990	-1833	-1755	-1713	-1598	-2300	-2282	-2175	-2609	-23424
(%)	-21.8	-17.2	-18.0	-11.6	-18.1	-17.8	-16.8	-16.8	-21.1	-20.8	-21.0	-21.5	-18.7

Month wise power supply position of States/ UTs during the year 2009-10 (in terms of energy)													
State/ Region	Apr/09	May/09	Jun/09	Jul/09	Aug/09	Sep/09	Oct/09	Nov/09	Dec/09	Jan/10	Feb/10	Mar/10	2009-10
Daman & Diu													
Requirememnt (MU)	155	162	158	172	169	169	157	155	169	158	147	163	1934
Availability (MU)	137	143	144	153	151	151	148	147	160	158	147	163	1802
Surplus(+)/Deficit (-) (MU)	-18	-19	-14	-19	-18	-18	-9	-8	-9	0	0	0	-132
(%)	-11.6	-11.7	-8.9	-11.0	-10.7	-10.7	-5.7	-5.2	-5.3	0.0	0.0	0.0	-6.8
D.N.Haveli													
Requirememnt (MU)	309	328	318	342	350	323	334	334	343	351	325	350	4007
Availability (MU)	278	279	298	342	331	309	314	334	343	351	324	350	3853
Surplus(+)/Deficit (-) (MU)	-31	-49	-20	0	-19	-14	-20	0	0	0	-1	0	-154
(%)	-10.0	-14.9	-6.3	0.0	-5.4	-4.3	-6.0	0.0	0.0	0.0	-0.3	0.0	-3.8
Goa													
Requirememnt (MU)	281	266	264	226	235	235	249	252	281	280	247	276	3092
Availability (MU)	276	262	240	223	227	231	245	249	278	280	244	271	3026
Surplus(+)/Deficit (-) (MU)	-5	-4	-24	-3	-8	-4	-4	-3	-3	0	-3	-5	-66
(%)	-1.8	-1.5	-9.1	-1.3	-3.4	-1.7	-1.6	-1.2	-1.1	0.0	-1.2	-1.8	-2.1
Western Region													
Requirememnt (MU)	22469	21658	20788	17838	21047	21147	21318	20501	22849	23120	21227	24566	258528
Availability (MU)	19110	19088	17979	16271	18400	18689	18964	17907	19203	19325	17655	20536	223127
Surplus(+)/Deficit (-) (MU)	-3359	-2570	-2809	-1567	-2647	-2458	-2354	-2594	-3646	-3795	-3572	-4030	-35401
(%)	-14.9	-11.9	-13.5	-8.8	-12.6	-11.6	-11.0	-12.7	-16.0	-16.4	-16.8	-16.4	-13.7
Andhra Pradesh													
Requirememnt (MU)	6740	6104	5950	6561	6904	6504	6712	5985	6329	6740	6556	7911	78996
Availability (MU)	5940	5709	5639	6090	6433	6152	6264	5778	6055	6480	6204	7021	73765
Surplus(+)/Deficit (-) (MU)	-800	-395	-311	-471	-471	-352	-448	-207	-274	-260	-352	-890	-5231
(%)	-11.9	-6.5	-5.2	-7.2	-6.8	-5.4	-6.7	-3.5	-4.3	-3.9	-5.4	-11.3	-6.6
Karnataka													
Requirememnt (MU)	4184	3686	3323	3389	3725	3172	3599	3365	3959	4089	4173	4886	45550
Availability (MU)	3928	3487	3017	3150	3470	2997	3286	3171	3614	3748	3752	4421	42041
Surplus(+)/Deficit (-) (MU)	-256	-199	-306	-239	-255	-175	-313	-194	-345	-341	-421	-465	-3509
(%)	-6.1	-5.4	-9.2	-7.1	-6.8	-5.5	-8.7	-5.8	-8.7	-8.3	-10.1	-9.5	-7.7
Kerala													
Requirememnt (MU)	1549	1500	1368	1326	1435	1390	1479	1415	1504	1501	1442	1710	17619
Availability (MU)	1430	1482	1332	1296	1402	1365	1446	1397	1483	1478	1415	1670	17196
Surplus(+)/Deficit (-) (MU)	-119	-18	-36	-30	-33	-25	-33	-18	-21	-23	-27	-40	-423
(%)	-7.7	-1.2	-2.6	-2.3	-2.3	-1.8	-2.2	-1.3	-1.4	-1.5	-1.9	-2.3	-2.4

Month wise power supply position of States/ UTs during the year 2009-10 (in terms of energy)													
State/ Region	Apr/09	May/09	Jun/09	Jul/09	Aug/09	Sep/09	Oct/09	Nov/09	Dec/09	Jan/10	Feb/10	Mar/10	2009-10
Tamil Nadu													
Requirememnt (MU)	6103	6102	6559	6552	6604	6184	7119	5430	5856	6212	6315	7257	76293
Availability (MU)	5604	5883	6257	6282	6203	5828	6601	5060	5446	5844	5959	6601	71568
Surplus(+)/Deficit (-) (MU)	-499	-219	-302	-270	-401	-356	-518	-370	-410	-368	-356	-656	-4725
(%)	-8.2	-3.6	-4.6	-4.1	-6.1	-5.8	-7.3	-6.8	-7.0	-5.9	-5.6	-9.0	-6.2
Puducherry													
Requirememnt (MU)	179	181	180	198	192	171	176	159	156	162	165	200	2119
Availability (MU)	171	174	164	155	165	165	170	150	154	161	161	185	1975
Surplus(+)/Deficit (-) (MU)	-8	-7	-16	-43	-27	-6	-6	-9	-2	-1	-4	-15	-144
(%)	-4.5	-3.9	-8.9	-21.7	-14.1	-3.5	-3.4	-5.7	-1.3	-0.6	-2.4	-7.5	-6.8
Southern Region													
Requirememnt (MU)	18755	17573	17380	18026	18860	17421	19085	16354	17803	18704	18651	21964	220576
Availability (MU)	17073	16735	16409	16973	17673	16507	17767	15556	16751	17711	17491	19898	206544
Surplus(+)/Deficit (-) (MU)	-1682	-838	-971	-1053	-1187	-914	-1318	-798	-1052	-993	-1160	-2066	-14032
(%)	-9.0	-4.8	-5.6	-5.8	-6.3	-5.2	-6.9	-4.9	-5.9	-5.3	-6.2	-9.4	-6.4
Bihar													
Requirememnt (MU)	874	948	1028	995	1028	1004	994	872	928	1021	912	983	11587
Availability (MU)	733	807	886	854	879	864	852	741	790	881	788	839	9914
Surplus(+)/Deficit (-) (MU)	-141	-141	-142	-141	-149	-140	-142	-131	-138	-140	-124	-144	-1673
(%)	-16.1	-14.9	-13.8	-14.2	-14.5	-13.9	-14.3	-15.0	-14.9	-13.7	-13.6	-14.6	-14.4
DVC													
Requirememnt (MU)	1187	1210	1206	1260	1288	1236	1289	1268	1306	1351	1219	1379	15199
Availability (MU)	1158	1191	1168	1233	1220	1195	1228	1212	1243	1267	1180	1282	14577
Surplus(+)/Deficit (-) (MU)	-29	-19	-38	-27	-68	-41	-61	-56	-63	-84	-39	-97	-622
(%)	-2.4	-1.6	-3.2	-2.1	-5.3	-3.3	-4.7	-4.4	-4.8	-6.2	-3.2	-7.0	-4.1
Jharkhand													
Requirememnt (MU)	492	439	459	484	495	460	485	474	509	535	480	555	5867
Availability (MU)	442	433	441	461	468	449	442	436	456	454	458	467	5407
Surplus(+)/Deficit (-) (MU)	-50	-6	-18	-23	-27	-11	-43	-38	-53	-81	-22	-88	-460
(%)	-10.2	-1.4	-3.9	-4.8	-5.5	-2.4	-8.9	-8.0	-10.4	-15.1	-4.6	-15.9	-7.8
Orissa													
Requirememnt (MU)	1781	1767	1691	1768	1914	1845	1844	1665	1696	1727	1610	1828	21136
Availability (MU)	1754	1754	1670	1755	1884	1825	1829	1663	1689	1716	1607	1809	20955
Surplus(+)/Deficit (-) (MU)	-27	-13	-21	-13	-30	-20	-15	-2	-7	-11	-3	-19	-181
(%)	-1.5	-0.7	-1.2	-0.7	-1.6	-1.1	-0.8	-0.1	-0.4	-0.6	-0.2	-1.0	-0.9

Month wise power supply position of States/ UTs during the year 2009-10 (in terms of energy)													
State/ Region	Apr/09	May/09	Jun/09	Jul/09	Aug/09	Sep/09	Oct/09	Nov/09	Dec/09	Jan/10	Feb/10	Mar/10	2009-10
West Bengal													
Requirememnt (MU)	3059	2695	2968	2973	3001	2908	2878	2480	2416	2536	2478	3358	33750
Availability (MU)	2915	2666	2874	2877	2875	2819	2821	2460	2400	2449	2468	3195	32819
Surplus(+)/Deficit (-) (MU)	-144	-29	-94	-96	-126	-89	-57	-20	-16	-87	-10	-163	-931
(%)	-4.7	-1.1	-3.2	-3.2	-4.2	-3.1	-2.0	-0.8	-0.7	-3.4	-0.4	-4.9	-2.8
Sikkim													
Requirememnt (MU)	50	34	45	20	16	18	23	31	36	40	37	38	388
Availability (MU)	33	33	23	20	16	18	23	30	36	39	37	37	345
Surplus(+)/Deficit (-) (MU)	-17	-1	-22	0	0	0	0	-1	0	-1	0	-1	-43
(%)	-34.0	-2.9	-48.9	0.0	0.0	0.0	0.0	-3.2	0.0	-2.5	0.0	-2.6	-11.1
Eastern Region													
Requirememnt (MU)	7443	7093	7397	7500	7742	7471	7513	6790	6891	7210	6736	8141	87927
Availability (MU)	7035	6884	7062	7200	7342	7170	7195	6542	6614	6806	6538	7629	84017
Surplus(+)/Deficit (-) (MU)	-408	-209	-335	-300	-400	-301	-318	-248	-277	-404	-198	-512	-3910
(%)	-5.5	-2.9	-4.5	-4.0	-5.2	-4.0	-4.2	-3.7	-4.0	-5.6	-2.9	-6.3	-4.4
Arunachal Pradesh													
Requirememnt (MU)	25	28	26	32	38	41	40	33	36	35	33	32	399
Availability (MU)	18	21	20	28	31	33	32	28	30	29	27	28	325
Surplus(+)/Deficit (-) (MU)	-7	-7	-6	-4	-7	-8	-8	-5	-6	-6	-6	-4	-74
(%)	-28.0	-25.0	-23.1	-12.5	-18.4	-19.5	-20.0	-15.2	-16.7	-17.1	-18.2	-12.5	-18.5
Assam													
Requirememnt (MU)	387	419	441	465	474	488	480	409	414	401	360	384	5122
Availability (MU)	356	379	399	411	416	433	434	382	393	385	339	361	4688
Surplus(+)/Deficit (-) (MU)	-31	-40	-42	-54	-58	-55	-46	-27	-21	-16	-21	-23	-434
(%)	-8.0	-9.5	-9.5	-11.6	-12.2	-11.3	-9.6	-6.6	-5.1	-4.0	-5.8	-6.0	-8.5
Manipur													
Requirememnt (MU)	37	37	37	39	43	50	49	48	50	47	43	44	524
Availability (MU)	27	25	26	29	35	43	45	42	44	42	36	36	430
Surplus(+)/Deficit (-) (MU)	-10	-12	-11	-10	-8	-7	-4	-6	-6	-5	-7	-8	-94
(%)	-27.0	-32.4	-29.7	-25.6	-18.6	-14.0	-8.2	-12.5	-12.0	-10.6	-16.3	-18.2	-17.9
Meghalaya													
Requirememnt (MU)	100	116	124	132	152	146	130	128	135	142	118	127	1550
Availability (MU)	80	92	105	118	128	124	114	114	124	128	105	95	1327
Surplus(+)/Deficit (-) (MU)	-20	-24	-19	-14	-24	-22	-16	-14	-11	-14	-13	-32	-223
(%)	-20.0	-20.7	-15.3	-10.6	-15.8	-15.1	-12.3	-10.9	-8.1	-9.9	-11.0	-25.2	-14.4

Month wise power supply position of States/ UTs during the year 2009-10 (in terms of energy)													
State/ Region	Apr/09	May/09	Jun/09	Jul/09	Aug/09	Sep/09	Oct/09	Nov/09	Dec/09	Jan/10	Feb/10	Mar/10	2009-10
Mizoram													
Requirememnt (MU)	28	29	28	28	28	29	31	30	32	31	28	30	352
Availability (MU)	21	22	22	22	22	23	25	27	29	27	23	25	288
Surplus(+)/Deficit (-) (MU)	-7	-7	-6	-6	-6	-6	-6	-3	-3	-4	-5	-5	-64
(%)	-25.0	-24.1	-21.4	-21.4	-21.4	-20.7	-19.4	-10.0	-9.4	-12.9	-17.9	-16.7	-18.2
Nagaland													
Requirememnt (MU)	52	47	40	39	38	42	45	46	49	48	41	43	530
Availability (MU)	42	37	32	32	33	39	42	43	47	44	38	37	466
Surplus(+)/Deficit (-) (MU)	-10	-10	-8	-7	-5	-3	-3	-3	-2	-4	-3	-6	-64
(%)	-19.2	-21.3	-20.0	-17.9	-13.2	-7.1	-6.7	-6.5	-4.1	-8.3	-7.3	-14.0	-12.1
Tripura													
Requirememnt (MU)	72	73	75	79	81	78	74	64	65	65	57	72	855
Availability (MU)	65	63	68	69	70	70	67	57	58	61	52	71	771
Surplus(+)/Deficit (-) (MU)	-7	-10	-7	-10	-11	-8	-7	-7	-7	-4	-5	-1	-84
(%)	-9.7	-13.7	-9.3	-12.7	-13.6	-10.3	-9.5	-10.9	-10.8	-6.2	-8.8	-1.4	-9.8
North-Eastern Region													
Requirememnt (MU)	701	749	771	814	853	874	849	758	782	769	680	732	9332
Availability (MU)	609	639	672	709	736	765	759	693	725	716	620	653	8296
Surplus(+)/Deficit (-) (MU)	-92	-110	-99	-105	-117	-109	-90	-65	-57	-53	-60	-79	-1036
(%)	-13.1	-14.7	-12.8	-12.9	-13.7	-12.5	-10.6	-8.6	-7.3	-6.9	-8.8	-10.8	-11.1

Month wise power supply position of States/ UTs during the year 2009-10 (in terms of peak demand)													
State/ Region	Apr/09	May/09	Jun/09	Jul/09	Aug/09	Sep/09	Oct/09	Nov/09	Dec/09	Jan/10	Feb/10	Mar/10	2009-10
Chandigarh													
Peak Demand (MW)	249	287	302	308	294	288	287	190	197	248	203	195	308
Peak Availability (MW)	249	287	302	308	294	245	271	190	197	228	203	195	308
Surplus(+)/Deficit (-) (MW)	0	0	0	0	0	-43	-16	0	0	-20	0	0	0
(%)	0.0	0.0	0.0	0.0	0.0	-14.9	-5.6	0.0	0.0	-8.1	0.0	0.0	0.0
Delhi													
Peak Demand (MW)	3818	4139	4502	4482	4470	3944	3980	2916	3243	3678	3196	3411	4502
Peak Availability (MW)	3690	4107	4337	4408	4352	3892	3957	2916	3243	3678	3196	3411	4408
Surplus(+)/Deficit (-) (MW)	-128	-32	-165	-74	-118	-52	-23	0	0	0	0	0	-94
(%)	-3.4	-0.8	-3.7	-1.7	-2.6	-1.3	-0.6	0.0	0.0	0.0	0.0	0.0	-2.1
Haryana													
Peak Demand (MW)	5177	5066	6085	5995	6133	5687	5572	4601	5043	5149	5110	5398	6133
Peak Availability (MW)	4331	4600	5226	5678	5439	5389	4980	4598	4871	4775	4591	4618	5678
Surplus(+)/Deficit (-) (MW)	-846	-466	-859	-317	-694	-298	-592	-3	-172	-374	-519	-780	-455
(%)	-16.3	-9.2	-14.1	-5.3	-11.3	-5.2	-10.6	-0.1	-3.4	-7.3	-10.2	-14.4	-7.4
Himachal Pradesh													
Peak Demand (MW)	912	940	944	932	928	936	1006	1035	1086	1106	1118	1095	1118
Peak Availability (MW)	729	900	743	861	752	864	946	1035	1086	1158	1118	1095	1158
Surplus(+)/Deficit (-) (MW)	-183	-40	-201	-71	-176	-72	-60	0	0	52	0	0	40
(%)	-20.1	-4.3	-21.3	-7.6	-19.0	-7.7	-6.0	0.0	0.0	4.7	0.0	0.0	3.6
Jammu & Kashmir													
Peak Demand (MW)	2000	2000	2000	2000	2000	2000	2150	2150	2247	2247	2247	2247	2247
Peak Availability (MW)	1386	1388	1386	1367	1430	1487	1377	1403	1386	1467	1420	1441	1487
Surplus(+)/Deficit (-) (MW)	-614	-612	-614	-633	-570	-513	-773	-747	-861	-780	-827	-806	-760
(%)	-30.7	-30.6	-30.7	-31.7	-28.5	-25.7	-36.0	-34.7	-38.3	-34.7	-36.8	-35.9	-33.8
Punjab													
Peak Demand (MW)	5612	6657	9125	9762	9786	8751	8246	5296	6025	5874	5874	6355	9786
Peak Availability (MW)	4888	6256	7087	7407	7131	6527	6096	4579	4829	4748	4748	5497	7407
Surplus(+)/Deficit (-) (MW)	-724	-401	-2038	-2355	-2655	-2224	-2150	-717	-1196	-1126	-1126	-858	-2379
(%)	-12.9	-6.0	-22.3	-24.1	-27.1	-25.4	-26.1	-13.5	-19.9	-19.2	-19.2	-13.5	-24.3
Rajasthan													
Peak Demand (MW)	5364	5971	5968	6487	6240	5453	6087	6143	6771	6798	6859	6567	6859
Peak Availability (MW)	5243	5390	5500	5189	5284	5453	6041	6143	6573	6670	6859	6567	6859
Surplus(+)/Deficit (-) (MW)	-121	-581	-468	-1298	-956	0	-46	0	-198	-128	0	0	0
(%)	-2.3	-9.7	-7.8	-20.0	-15.3	0.0	-0.8	0.0	-2.9	-1.9	0.0	0.0	0.0

Month wise power supply position of States/ UTs during the year 2009-10 (in terms of peak demand)													
State/ Region	Apr/09	May/09	Jun/09	Jul/09	Aug/09	Sep/09	Oct/09	Nov/09	Dec/09	Jan/10	Feb/10	Mar/10	2009-10
Uttar Pradesh													
Peak Demand (MW)	10638	10856	10696	10190	10139	10277	9765	9831	10544	10721	10850	10332	10856
Peak Availability (MW)	8308	8563	8550	8131	8320	8416	8254	7408	7593	8252	7824	8133	8563
Surplus(+)/Deficit (-) (MW)	-2330	-2293	-2146	-2059	-1819	-1861	-1511	-2423	-2951	-2469	-3026	-2199	-2293
(%)	-21.9	-21.1	-20.1	-20.2	-17.9	-18.1	-15.5	-24.6	-28.0	-23.0	-27.9	-21.3	-21.1
Uttarakhand													
Peak Demand (MW)	1208	1274	1288	1373	1304	1314	1327	1310	1397	1386	1353	1269	1397
Peak Availability (MW)	1088	1214	1258	1313	1208	1253	1207	1250	1217	1232	1289	1207	1313
Surplus(+)/Deficit (-) (MW)	-120	-60	-30	-60	-96	-61	-120	-60	-180	-154	-64	-62	-84
(%)	-9.9	-4.7	-2.3	-4.4	-7.4	-4.6	-9.0	-4.6	-12.9	-11.1	-4.7	-4.9	-6.0
Northern Region													
Peak Demand (MW)	32054	32223	35491	35450	37159	34672	35161	30857	33143	32764	32541	32594	37159
Peak Availability (MW)	28075	27791	31200	31439	31250	30481	30674	27310	28956	28510	28998	28741	31439
Surplus(+)/Deficit (-) (MW)	-3979	-4432	-4291	-4011	-5909	-4191	-4487	-3547	-4187	-4254	-3543	-3853	-5720
(%)	-12.4	-13.8	-12.1	-11.3	-15.9	-12.1	-12.8	-11.5	-12.6	-13.0	-10.9	-11.8	-15.4
Chhattisgarh													
Peak Demand (MW)	2819	2684	2498	2468	2762	2814	2714	2480	2442	2508	2543	2664	2819
Peak Availability (MW)	2703	2603	2412	2382	2623	2695	2600	2394	2391	2447	2488	2582	2703
Surplus(+)/Deficit (-) (MW)	-116	-81	-86	-86	-139	-119	-114	-86	-51	-61	-55	-82	-116
(%)	-4.1	-3.0	-3.4	-3.5	-5.0	-4.2	-4.2	-3.5	-2.1	-2.4	-2.2	-3.1	-4.1
Gujarat													
Peak Demand (MW)	8975	8465	8633	8051	9748	10290	10406	9624	9528	9223	9275	10040	10406
Peak Availability (MW)	8481	8243	8274	7781	9155	9389	9515	8743	8520	8498	8320	9047	9515
Surplus(+)/Deficit (-) (MW)	-494	-222	-359	-270	-593	-901	-891	-881	-1008	-725	-955	-993	-891
(%)	-5.5	-2.6	-4.2	-3.4	-6.1	-8.8	-8.6	-9.2	-10.6	-7.9	-10.3	-9.9	-8.6
Madhya Pradesh													
Peak Demand (MW)	6522	5862	5704	5182	5283	6648	6766	6866	6987	7431	7490	6973	7490
Peak Availability (MW)	5250	4861	4436	4053	4285	5970	5943	5920	5968	6152	6415	5910	6415
Surplus(+)/Deficit (-) (MW)	-1272	-1001	-1268	-1129	-998	-678	-823	-946	-1019	-1279	-1075	-1063	-1075
(%)	-19.5	-17.1	-22.2	-21.8	-18.9	-10.2	-12.2	-13.8	-14.6	-17.2	-14.4	-15.2	-14.4
Maharashtra													
Peak Demand (MW)	18645	17324	16990	15554	18981	17399	18167	18509	17905	18028	18220	19388	19388
Peak Availability (MW)	14292	13400	13335	12317	13247	13463	13795	13870	13619	13564	13741	14664	14664
Surplus(+)/Deficit (-) (MW)	-4353	-3924	-3655	-3237	-5734	-3936	-4372	-4639	-4286	-4464	-4479	-4724	-4724
(%)	-23.3	-22.7	-21.5	-20.8	-30.2	-22.6	-24.1	-25.1	-23.9	-24.8	-24.6	-24.4	-24.4

Month wise power supply position of States/ UTs during the year 2009-10 (in terms of peak demand)													
State/ Region	Apr/09	May/09	Jun/09	Jul/09	Aug/09	Sep/09	Oct/09	Nov/09	Dec/09	Jan/10	Feb/10	Mar/10	2009-10
Daman & Diu													
Peak Demand (MW)	280	245	245	247	248	252	249	230	249	232	232	236	280
Peak Availability (MW)	255	220	220	222	223	227	237	218	237	232	232	236	255
Surplus(+)/Deficit (-) (MW)	-25	-25	-25	-25	-25	-25	-12	-12	-12	0	0	0	-25
(%)	-8.9	-10.2	-10.2	-10.1	-10.1	-9.9	-4.8	-5.2	-4.8	0.0	0.0	0.0	-8.9
D.N.Haveli													
Peak Demand (MW)	485	452	488	454	499	509	509	458	464	480	529	514	529
Peak Availability (MW)	441	407	451	454	460	461	461	458	464	480	494	477	494
Surplus(+)/Deficit (-) (MW)	-44	-45	-37	0	-39	-48	-48	0	0	0	-35	-37	-35
(%)	-9.1	-10.0	-7.6	0.0	-7.8	-9.4	-9.4	0.0	0.0	0.0	-6.6	-7.2	-6.6
Goa													
Peak Demand (MW)	455	443	420	421	449	443	450	469	467	453	476	485	485
Peak Availability (MW)	400	400	377	379	378	397	410	422	444	453	448	437	453
Surplus(+)/Deficit (-) (MW)	-55	-43	-43	-42	-71	-46	-40	-47	-23	0	-28	-48	-32
(%)	-12.1	-9.7	-10.2	-10.0	-15.8	-10.4	-8.9	-10.0	-4.9	0.0	-5.9	-9.9	-6.6
Western Region													
Peak Demand (MW)	35315	34132	33200	30989	35502	37190	37083	37631	37158	36975	37449	39609	39609
Peak Availability (MW)	30031	28677	27731	26163	28555	30916	31177	30713	30680	30313	30644	32586	32586
Surplus(+)/Deficit (-) (MW)	-5284	-5455	-5469	-4826	-6947	-6274	-5906	-6918	-6478	-6662	-6805	-7023	-7023
(%)	-15.0	-16.0	-16.5	-15.6	-19.6	-16.9	-15.9	-18.4	-17.4	-18.0	-18.2	-17.7	-17.7
Andhra Pradesh													
Peak Demand (MW)	11325	10015	9717	10843	10942	10612	10776	10231	9761	10531	11531	12168	12168
Peak Availability (MW)	9934	9062	8763	9951	10294	10151	9849	9802	9309	9990	10448	10880	10880
Surplus(+)/Deficit (-) (MW)	-1391	-953	-954	-892	-648	-461	-927	-429	-452	-541	-1083	-1288	-1288
(%)	-12.3	-9.5	-9.8	-8.2	-5.9	-4.3	-8.6	-4.2	-4.6	-5.1	-9.4	-10.6	-10.6
Karnataka													
Peak Demand (MW)	7196	6449	6003	6210	7024	6265	6717	5991	6364	6639	7730	7942	7942
Peak Availability (MW)	6352	5855	5325	5724	5970	6017	5877	5705	5922	6200	6724	6897	6897
Surplus(+)/Deficit (-) (MW)	-844	-594	-678	-486	-1054	-248	-840	-286	-442	-439	-1006	-1045	-1045
(%)	-11.7	-9.2	-11.3	-7.8	-15.0	-4.0	-12.5	-4.8	-6.9	-6.6	-13.0	-13.2	-13.2
Kerala													
Peak Demand (MW)	2861	3045	2919	2957	2830	2863	2911	2949	2969	2971	3006	3109	3109
Peak Availability (MW)	2785	2837	2822	2713	2763	2795	2852	2896	2855	2870	2907	2982	2982
Surplus(+)/Deficit (-) (MW)	-76	-208	-97	-244	-67	-68	-59	-53	-114	-101	-99	-127	-127
(%)	-2.7	-6.8	-3.3	-8.3	-2.4	-2.4	-2.0	-1.8	-3.8	-3.4	-3.3	-4.1	-4.1

Month wise power supply position of States/ UTs during the year 2009-10 (in terms of peak demand)													
State/ Region	Apr/09	May/09	Jun/09	Jul/09	Aug/09	Sep/09	Oct/09	Nov/09	Dec/09	Jan/10	Feb/10	Mar/10	2009-10
Tamil Nadu													
Peak Demand (MW)	9935	10145	10158	10056	9673	9800	10106	9217	9762	10173	10551	11125	11125
Peak Availability (MW)	8998	9675	9666	9353	9054	9106	9218	8809	9019	9343	9813	9738	9813
Surplus(+)/Deficit (-) (MW)	-937	-470	-492	-703	-619	-694	-888	-408	-743	-830	-738	-1387	-1312
(%)	-9.4	-4.6	-4.8	-7.0	-6.4	-7.1	-8.8	-4.4	-7.6	-8.2	-7.0	-12.5	-11.8
Puducherry													
Peak Demand (MW)	305	305	325	317	318	290	313	288	264	284	315	327	327
Peak Availability (MW)	266	259	259	247	264	281	282	255	258	282	294	288	294
Surplus(+)/Deficit (-) (MW)	-39	-46	-66	-70	-54	-9	-31	-33	-6	-2	-21	-39	-33
(%)	-12.8	-15.1	-20.3	-22.1	-17.0	-3.1	-9.9	-11.5	-2.3	-0.7	-6.7	-11.9	-10.1
Southern Region													
Peak Demand (MW)	29216	27650	28752	28796	28936	28602	28997	27207	28430	28926	30012	32178	32178
Peak Availability (MW)	26369	25674	25131	25744	26015	26445	26160	25106	25908	26898	26893	29049	29049
Surplus(+)/Deficit (-) (MW)	-2847	-1976	-3621	-3052	-2921	-2157	-2837	-2101	-2522	-2028	-3119	-3129	-3129
(%)	-9.7	-7.1	-12.6	-10.6	-10.1	-7.5	-9.8	-7.7	-8.9	-7.0	-10.4	-9.7	-9.7
Bihar													
Peak Demand (MW)	1817	2249	1908	1741	1751	1730	1777	2065	2055	2145	2189	1975	2249
Peak Availability (MW)	1235	1411	1403	1418	1405	1438	1492	1249	1356	1389	1509	1475	1509
Surplus(+)/Deficit (-) (MW)	-582	-838	-505	-323	-346	-292	-285	-816	-699	-756	-680	-500	-740
(%)	-32.0	-37.3	-26.5	-18.6	-19.8	-16.9	-16.0	-39.5	-34.0	-35.2	-31.1	-25.3	-32.9
DVC													
Peak Demand (MW)	1811	1816	1820	1830	1813	1795	1892	1775	1801	1825	1910	1938	1938
Peak Availability (MW)	1759	1804	1810	1803	1788	1795	1892	1775	1790	1814	1908	1910	1910
Surplus(+)/Deficit (-) (MW)	-52	-12	-10	-27	-25	0	0	0	-11	-11	-2	-28	-28
(%)	-2.9	-0.7	-0.5	-1.5	-1.4	0.0	0.0	0.0	-0.6	-0.6	-0.1	-1.4	-1.4
Jharkhand													
Peak Demand (MW)	1088	807	826	870	847	876	987	850	850	859	906	894	1088
Peak Availability (MW)	947	790	815	857	846	860	922	850	836	856	906	881	947
Surplus(+)/Deficit (-) (MW)	-141	-17	-11	-13	-1	-16	-65	0	-14	-3	0	-13	-141
(%)	-13.0	-2.1	-1.3	-1.5	-0.1	-1.8	-6.6	0.0	-1.6	-0.3	0.0	-1.5	-13.0
Orissa													
Peak Demand (MW)	2927	3029	3064	3188	3097	3136	3132	2918	2809	2851	2951	3075	3188
Peak Availability (MW)	2828	3015	3025	3120	3009	3083	3057	2905	2809	2833	2945	3048	3120
Surplus(+)/Deficit (-) (MW)	-99	-14	-39	-68	-88	-53	-75	-13	0	-18	-6	-27	-68
(%)	-3.4	-0.5	-1.3	-2.1	-2.8	-1.7	-2.4	-0.4	0.0	-0.6	-0.2	-0.9	-2.1

Month wise power supply position of States/ UTs during the year 2009-10 (in terms of peak demand)													
State/ Region	Apr/09	May/09	Jun/09	Jul/09	Aug/09	Sep/09	Oct/09	Nov/09	Dec/09	Jan/10	Feb/10	Mar/10	2009-10
West Bengal													
Peak Demand (MW)	5270	5162	5051	4979	5339	5330	5386	5095	4694	4656	5056	6094	6094
Peak Availability (MW)	5197	4995	5036	4892	5264	5318	5368	5095	4656	4632	5056	5963	5963
Surplus(+)/Deficit (-) (MW)	-73	-167	-15	-87	-75	-12	-18	0	-38	-24	0	-131	-131
(%)	-1.4	-3.2	-0.3	-1.7	-1.4	-0.2	-0.3	0.0	-0.8	-0.5	0.0	-2.1	-2.1
Sikkim													
Peak Demand (MW)	84	84	83	59	62	70	71	83	80	96	92	87	96
Peak Availability (MW)	82	84	82	58	61	69	71	83	80	94	92	85	94
Surplus(+)/Deficit (-) (MW)	-2	0	-1	-1	-1	-1	0	0	0	-2	0	-2	-2
(%)	-2.4	0.0	-1.2	-1.7	-1.6	-1.4	0.0	0.0	0.0	-2.1	0.0	-2.3	-2.1
Eastern Region													
Peak Demand (MW)	12913	12346	12599	12653	12924	12980	12582	12402	11985	12241	12706	13220	13220
Peak Availability (MW)	11610	11549	11429	11536	12088	12384	12108	11244	10761	11288	11872	12275	12384
Surplus(+)/Deficit (-) (MW)	-1303	-797	-1170	-1117	-836	-596	-474	-1158	-1224	-953	-834	-945	-836
(%)	-10.1	-6.5	-9.3	-8.8	-6.5	-4.6	-3.8	-9.3	-10.2	-7.8	-6.6	-7.1	-6.3
Arunachal Pradesh													
Peak Demand (MW)	75	87	75	76	73	95	90	85	78	79	86	80	95
Peak Availability (MW)	65	66	66	65	72	78	72	78	72	73	75	71	78
Surplus(+)/Deficit (-) (MW)	-10	-21	-9	-11	-1	-17	-18	-7	-6	-6	-11	-9	-17
(%)	-13.3	-24.1	-12.0	-14.5	-1.4	-17.9	-20.0	-8.2	-7.7	-7.6	-12.8	-11.3	-17.9
Assam													
Peak Demand (MW)	819	819	850	920	920	870	864	850	884	835	890	830	920
Peak Availability (MW)	784	803	809	816	777	781	845	809	833	818	874	788	874
Surplus(+)/Deficit (-) (MW)	-35	-16	-41	-104	-143	-89	-19	-41	-51	-17	-16	-42	-46
(%)	-4.3	-2.0	-4.8	-11.3	-15.5	-10.2	-2.2	-4.8	-5.8	-2.0	-1.8	-5.1	-5.0
Manipur													
Peak Demand (MW)	99	99	110	100	111	110	100	100	100	100	90	93	111
Peak Availability (MW)	79	74	78	82	85	92	97	98	96	99	88	91	99
Surplus(+)/Deficit (-) (MW)	-20	-25	-32	-18	-26	-18	-3	-2	-4	-1	-2	-2	-12
(%)	-20.2	-25.3	-29.1	-18.0	-23.4	-16.4	-3.0	-2.0	-4.0	-1.0	-2.2	-2.2	-10.8
Meghalaya													
Peak Demand (MW)	239	260	270	260	255	270	250	270	275	280	280	280	280
Peak Availability (MW)	195	214	224	238	218	223	211	212	217	221	250	204	250
Surplus(+)/Deficit (-) (MW)	-44	-46	-46	-22	-37	-47	-39	-58	-58	-59	-30	-76	-30
(%)	-18.4	-17.7	-17.0	-8.5	-14.5	-17.4	-15.6	-21.5	-21.1	-21.1	-10.7	-27.1	-10.7

Month wise power supply position of States/ UTs during the year 2009-10 (in terms of peak demand)													
State/ Region	Apr/09	May/09	Jun/09	Jul/09	Aug/09	Sep/09	Oct/09	Nov/09	Dec/09	Jan/10	Feb/10	Mar/10	2009-10
Mizoram													
Peak Demand (MW)	66	64	65	65	65	65	65	66	69	70	65	65	70
Peak Availability (MW)	64	56	57	61	55	54	58	60	64	62	57	59	64
Surplus(+)/Deficit (-) (MW)	-2	-8	-8	-4	-10	-11	-7	-6	-5	-8	-8	-6	-6
(%)	-3.0	-12.5	-12.3	-6.2	-15.4	-16.9	-10.8	-9.1	-7.2	-11.4	-12.3	-9.2	-8.6
Nagaland													
Peak Demand (MW)	91	90	90	89	95	94	91	99	100	100	96	96	100
Peak Availability (MW)	71	68	76	82	94	93	89	94	96	94	94	95	96
Surplus(+)/Deficit (-) (MW)	-20	-22	-14	-7	-1	-1	-2	-5	-4	-6	-2	-1	-4
(%)	-22.0	-24.4	-15.6	-7.9	-1.1	-1.1	-2.2	-5.1	-4.0	-6.0	-2.1	-1.0	-4.0
Tripura													
Peak Demand (MW)	175	145	145	155	160	176	159	158	138	139	134	135	176
Peak Availability (MW)	172	134	143	135	156	173	158	157	138	137	122	132	173
Surplus(+)/Deficit (-) (MW)	-3	-11	-2	-20	-4	-3	-1	-1	0	-2	-12	-3	-3
(%)	-1.7	-7.6	-1.4	-12.9	-2.5	-1.7	-0.6	-0.6	0.0	-1.4	-9.0	-2.2	-1.7
North-Eastern Region													
Peak Demand (MW)	1460	1569	1620	1665	1760	1672	1609	1624	1678	1599	1654	1565	1760
Peak Availability (MW)	1270	1342	1380	1400	1369	1383	1445	1410	1433	1429	1415	1358	1445
Surplus(+)/Deficit (-) (MW)	-190	-227	-240	-265	-391	-289	-164	-214	-245	-170	-239	-207	-315
(%)	-13.0	-14.5	-14.8	-15.9	-22.2	-17.3	-10.2	-13.2	-14.6	-10.6	-14.4	-13.2	-17.9

(Figures in MU net)

(Figures in MU net)

[illegible]

*Annex - VI***Scheduled energy drawal by the States/ UTs vis-à-vis their entitlement from
Central Generating Stations during the year 2009-10**

Region / State / System	Entitlement (MU)	Scheduled Drawal (MU)
Northern Region		
Chandigarh	1400.96	1434.14
Delhi	15663.23	16030.02
Haryana	9800.84	10022.39
Himachal Pradesh	5163.27	5327.81
Jammu & Kashmir	7620.11	7708.73
Punjab	14682.11	14901.55
Rajasthan	11748.55	11822.64
Uttar Pradesh	26916.46	27181.49
Uttarakhand	3593.17	3734.56
Western Region		
Chhattisgarh	4799.39	4782.23
Gujarat	17829.86	17128.88
Madhya Pradesh	17403.31	16793.33
Maharashtra	24231.63	23843.58
Daman & Diu	1619.30	1626.14
Dadra & Nagar Haveli	3232.88	3247.26
Goa	3192.64	3188.74
Southern Region		
Andhra Pradesh	22191.50	21994.55
Karnataka	10521.67	10421.11
Kerala	8701.49	8405.96
Tamil Nadu	20733.79	20539.35
Puducherry	2127.87	2127.09
Eastern Region		
Bihar	8970.20	8954.00
Damodar Valley Corporation	747.27	741.97
Jharkhand	2360.08	2349.24
Orissa	6777.33	6769.61
West Bengal	5967.44	5905.60
Sikkim	838.29	838.19
North-Eastern Region		
Arunachal Pradesh	407.17	406.14
Assam	2407.37	2387.64
Manipur	476.45	473.99
Meghalaya	617.65	614.10
Mizoram	265.07	263.42
Nagaland	305.89	303.49
Tripura	427.30	428.36

**Comparison of the constituent-wise forecast vis-à-vis actual power supply position
for the year 2009-10
(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	289	308	6.6	233	308	32.2	-56	0	-19.4	0.0
Delhi	4200	4502	7.2	3840	4408	14.8	-360	-94	-8.6	-2.1
Haryana	5970	6133	2.7	4080	5678	39.2	-1890	-455	-31.7	-7.4
Himachal Pradesh	1210	1118	-7.6	1660	1158	-30.2	450	40	37.2	3.6
Jammu & Kashmir	2250	2247	-0.1	1550	1487	-4.1	-700	-760	-31.1	-33.8
Punjab	9120	9786	7.3	6540	7407	13.3	-2580	-2379	-28.3	-24.3
Rajasthan	7000	6859	-2.0	6310	6859	8.7	-690	0	-9.9	0.0
Uttar Pradesh	10590	10856	2.5	7130	8563	20.1	-3460	-2293	-32.7	-21.1
Uttarakhand	1310	1397	6.6	1380	1313	-4.9	70	-84	5.3	-6.0
Northern Region	35460	37159	4.8	29970	31439	4.9	-5490	-5720	-15.5	-15.4
Chhattisgarh	2971	2819	-5.1	2298	2703	17.6	-673	-116	-22.7	-4.1
Gujarat	10234	10406	1.7	8736	9515	8.9	-1498	-891	-14.6	-8.6
Madhya Pradesh	7500	7490	-0.1	6470	6415	-0.8	-1030	-1075	-13.7	-14.4
Maharashtra	18900	19388	2.6	15019	14664	-2.4	-3881	-4724	-20.5	-24.4
Daman & Diu	278	280	0.7	257	255	-0.6	-21	-25	-7.7	-8.9
D.N.Haveli	510	529	3.7	517	494	-4.4	7	-35	1.4	-6.6
Goa	470	485	3.2	377	453	20.2	-93	-32	-19.8	-6.6
Western Region	37330	39609	6.1	34276	32586	-4.9	-3054	-7023	-8.2	-17.7
Andhra Pradesh	11242	12168	8.2	10784	10880	0.9	-458	-1288	-4.1	-10.6
Karnataka	7245	7942	9.6	5905	6897	16.8	-1340	-1045	-18.5	-13.2
Kerala	3380	3109	-8.0	2974	2982	0.3	-406	-127	-12.0	-4.1
Tamil Nadu	10813	11125	2.9	9830	9813	-0.2	-983	-1312	-9.1	-11.8
Puducherry	334	327	-2.1	233	294	26.2	-101	-33	-30.2	-10.1
Southern Region	31384	32178	2.5	27216	29049	6.7	-4168	-3129	-13.3	-9.7
Bihar	2095	2249	7.4	1510	1509	-0.1	-585	-740	-27.9	-32.9
DVC	2375	1938	-18.4	2269	1910	-15.8	-106	-28	-4.5	-1.4
Jharkhand	1066	1088	2.1	1188	947	-20.3	122	-141	11.4	-13.0
Orissa	3560	3188	-10.4	3335	3120	-6.4	-225	-68	-6.3	-2.1
West Bengal	5946	6094	2.5	6174	5963	-3.4	228	-131	3.8	-2.1
Sikkim	105	96	-8.6	150	94	-37.3	45	-2	42.9	-2.1
Eastern Region	15110	13220	-12.5	14165	12384	-12.6	-945	-836	-6.3	-6.3
Arunachal Pradesh	166	95	-42.8	95	78	-17.9	-71	-17	-42.8	-17.9
Assam	880	920	4.5	853	874	2.5	-27	-46	-3.1	-5.0
Manipur	130	111	-14.6	123	99	-19.5	-7	-12	-5.4	-10.8
Meghalaya	514	280	-45.5	288	250	-13.2	-226	-30	-44.0	-10.7
Mizoram	89	70	-21.3	80	64	-20.0	-9	-6	-10.1	-8.6
Nagaland	99	100	1.0	97	96	-1.0	-2	-4	-2.0	-4.0
Tripura	154	176	14.3	148	173	16.9	-6	-3	-3.9	-1.7
North-Eastern Region	1804	1760	-2.4	1537	1445	-6.0	-267	-315	-14.8	-17.9
All India	118794	119166	0.3	103816	104009	0.2	-14978	-15157	-12.6	-12.7

**Comparison of the constituent-wise forecast vis-à-vis actual power supply position
for the year 2009-10
(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	1480	1576	6.5	1476	1528	3.5	-4	-48	-0.3	-3.0
Delhi	23533	24277	3.2	28676	24094	-16.0	5143	-183	21.9	-0.8
Haryana	30684	33441	9.0	28360	32023	12.9	-2324	-1418	-7.6	-4.2
Himachal Pradesh	7254	7047	-2.9	8011	6769	-15.5	757	-278	10.4	-3.9
Jammu & Kashmir	11424	13200	15.5	11260	9933	-11.8	-164	-3267	-1.4	-24.8
Punjab	44301	45731	3.2	37598	39408	4.8	-6703	-6323	-15.1	-13.8
Rajasthan	40826	44109	8.0	42687	43062	0.9	1861	-1047	4.6	-2.4
Uttar Pradesh	72696	75930	4.4	56191	59508	5.9	-16505	-16422	-22.7	-21.6
Uttarakhand	8612	8921	3.6	7965	8338	4.7	-647	-583	-7.5	-6.5
Northern Region	241461	254231	5.3	222875	224661	0.8	-18586	-29570	-7.7	-11.6
Chhattisgarh	18220	11009	-39.6	17052	10739	-37.0	-1168	-270	-6.4	-2.5
Gujarat	68090	70369	3.3	65438	67220	2.7	-2652	-3149	-3.9	-4.5
Madhya Pradesh	44955	43179	-4.0	42549	34973	-17.8	-2406	-8206	-5.4	-19.0
Maharashtra	136800	124936	-8.7	94486	101512	7.4	-42314	-23424	-30.9	-18.7
Daman & Diu	1920	1934	0.7	1283	1802	40.5	-637	-132	-33.2	-6.8
D.N.Haveli	3714	4007	7.9	2912	3853	32.3	-802	-154	-21.6	-3.8
Goa	3128	3092	-1.2	2795	3026	8.3	-333	-66	-10.6	-2.1
Western Region	276827	258528	-6.6	234819	223127	-5.0	-42008	-35401	-15.2	-13.7
Andhra Pradesh	77126	78996	2.4	75601	73765	-2.4	-1525	-5231	-2.0	-6.6
Karnataka	45604	45550	-0.1	39784	42041	5.7	-5820	-3509	-12.8	-7.7
Kerala	18348	17619	-4.0	16143	17196	6.5	-2205	-423	-12.0	-2.4
Tamil Nadu	75896	76293	0.5	66856	71568	7.0	-9040	-4725	-11.9	-6.2
Puducherry	2147	2119	-1.3	1833	1975	7.7	-314	-144	-14.6	-6.8
Southern Region	220126	220576	0.2	201222	206544	2.6	-18904	-14032	-8.6	-6.4
Bihar	12254	11587	-5.4	10410	9914	-4.8	-1844	-1673	-15.0	-14.4
DVC	15502	15199	-2.0	14473	14577	0.7	-1029	-622	-6.6	-4.1
Jharkhand	6528	5867	-10.1	6461	5407	-16.3	-67	-460	-1.0	-7.8
Orissa	23206	21136	-8.9	20753	20955	1.0	-2453	-181	-10.6	-0.9
West Bengal	33458	33750	0.9	40605	32819	-19.2	7147	-931	21.4	-2.8
Sikkim	439	388	-11.7	912	345	-62.2	473	-43	107.6	-11.1
Eastern Region	91386	87927	-3.8	93613	84017	-10.3	2227	-3910	2.4	-4.4
Arunachal Pradesh	643	399	-37.9	534	325	-39.2	-109	-74	-16.9	-18.5
Assam	5562	5122	-7.9	5049	4688	-7.1	-513	-434	-9.2	-8.5
Manipur	655	524	-20.0	603	430	-28.7	-53	-94	-8.0	-17.9
Meghalaya	1980	1550	-21.7	1484	1327	-10.6	-496	-223	-25.0	-14.4
Mizoram	379	352	-7.2	377	288	-23.6	-3	-64	-0.7	-18.2
Nagaland	626	530	-15.4	591	466	-21.1	-35	-64	-5.7	-12.1
Tripura	898	855	-4.8	948	771	-18.7	50	-84	5.6	-9.8
North-Eastern Region	10744	9332	-13.1	9586	8296	-13.5	-1158	-1036	-10.8	-11.1
All India	840544	830594	-1.2	762115	746644	-2.0	-78429	-83950	-9.3	-10.1

Maintenance schedule of nuclear/ coal/ lignite based thermal power generating stations for the year 2010-11

Station Name	Unit	Capacity (MW)	Start Date	End Date	No. of Maintenance Days	Reason
Nuclear						
Nuclear Power Corporation Limited						
Narora APS	1	220				
Narora APS	2	220	1-Apr-10	31-Aug-10	153	En Masse Coolant Channel Replacement
Kakrapara APS	1	220	1-Apr-10	31-Oct-10	214	En Masse Coolant Channel Replacement
Kakrapara APS	2	220	1-Feb-11	28-Feb-11	28	Bi annual Shut Down
Rajasthan APS	2	200				
Rajasthan APS	3	220	1-Aug-10	18-Sep-10	49	Annual Overhauling
Rajasthan APS	4	220				
Rajasthan APS	5	220				
Rajasthan APS	6	220				
Tarapur APS	1	160	1-Jul-10	31-Jul-10	31	RSD
Tarapur APS	2	160	1-Jan-11	31-Jan-11	31	RSD
Tarapur APS	3	540	1-Apr-10	30-Apr-10	30	Bi annual Shut Down
Tarapur APS	4	540				
Madras APS	1	220				
Madras APS	2	220	18-Sep-10	31-Oct-10	44	Bi annual Shut Down
Kaiga APS	1	220				
Kaiga APS	2	220	1-Mar-11	31-Mar-11	31	Bi annual Shut Down
Kaiga APS	3	220				
Kaiga APS	4	220				
Thermal						
Northern Region						
Badarpur TPS	1	95	21-Aug-10	9-Sep-10	20	Boiler Maintenance
	2	95	15-Feb-11	6-Mar-11	20	Boiler Maintenance
	3	95	31-Mar-10	19-Apr-10	20	Boiler Maintenance
	3		8-Mar-11	27-Mar-11	20	Boiler Maintenance
	4	210	27-Jul-10	20-Aug-10	25	Boiler Maintenance
	5	210	31-Mar-11	19-Apr-11	20	Boiler Overhauling
Total		705				
Singrauli STPS	1	200	2-Sep-10	8-Sep-10	7	BLR
	2	200	27-Apr-10	26-May-10	30	Annual Overhauling
	3	200	1-Apr-10	25-Apr-10	25	Annual Overhauling
	4	200	27-May-10	10-Jul-10	45	Capital Overhauling+Chemical Cleaning
	5	200	1-Nov-10	4-Nov-10	4	BLR
	5		15-Feb-11	31-Mar-11	45	Capital Overhauling
	6	500	16-Oct-10	15-Nov-10	31	Annual Overhauling
	7	500	12-Jul-10	15-Jul-10	4	BLR
	7		16-Nov-10	15-Dec-10	30	Annual Overhauling
Total		2,000				
Rihand STPS	1	500	10-Aug-10	8-Sep-10	30	Annual Overhauling
	2	500	31-Mar-10	9-May-10	40	Capital O/H+Chemical Cleaning+DDCMIS
	3	500	18-Mar-11	16-Apr-11	30	Boiler Overhauling+LPT
	4	500	15-Feb-10	16-Mar-10	30	Annual Overhauling
Total		2,000				
Unchahar TPS	1	210	16-Jul-10	19-Aug-10	35	Annual Overhauling+GEN+AVR
	2	210	11-Nov-10	5-Dec-10	25	Annual Overhauling
	3	210	15-Feb-11	11-Mar-11	25	Annual Overhauling
	4	210	24-May-10	17-Jun-10	25	Annual Overhauling
	5	210	25-Aug-10	18-Sep-10	25	Boiler Overhauling+LPT
Total		1,050				
DADRI (NCTPP)	1	210	1-Apr-10	5-May-10	35	Capital Overhauling + RLA
	2	210	21-Aug-10	24-Sep-10	35	Capital Overhauling + RLA
	3	210	1-Mar-11	20-Mar-11	20	Boiler Maintenance
	4	210	16-Oct-10	4-Nov-10	20	Boiler Maintenance
	5	490	10-Nov-10	24-Nov-10	15	Boiler Maintenance
	6	490	1-Dec-10	10-Dec-10	10	PG Test + Misc. works
Total		1820				
Tanda TPS	1	110	25-Apr-10	19-May-10	25	Annual Overhauling
	2	110	20-Jan-11	20-Mar-11	60	LT R & M
	3	110	1-Jul-10	25-Jul-10	25	Annual Overhauling
	4	110	22-Feb-10	22-Apr-10	60	LT R & M
Total		440				

Station Name	Unit	Capacity (MW)	Start Date	End Date	No. of Maintenance Days	Reason
Delhi						
IPGCL+PPCL I.P.STATION						
RAJGHAT	1	67.5	1-Nov-10	15-Nov-10	15	Capital Maintenance
	2	67.5	21-Nov-10	5-Dec-10	15	Capital Maintenance
Total		135				
Haryana Power Generating Company						
Panipat TPS	1	110	15-Apr-10	29-Apr-10	15	Preventive Maintenance
	2	110				
	3	110	1-Jan-11	31-Jan-11	31	Annual Overhauling
	4	110	1-Feb-11	28-Feb-11	28	Annual Overhauling
	5	210	20-Jun-10	4-Jul-10	15	Preventive Maintenance
	6	210	3-May-10	16-Jun-10	45	Annual Overhauling
	7	250	2-Mar-11	31-Mar-11	30	Preventive Maintenance
	8	250				
Total		1,360				
Yamunanagar TPP	1	300	27-Aug-10	25-Sep-10	30	Preventive Maintenance
	2	300	16-Oct-10	15-Nov-10	31	Preventive Maintenance
Total		600				
Punjab State Electricity Board						
Ropar	1	210	13-Mar-10	26-Apr-10	45	Capital Maintenance
	2	210				
	3	210	25-Jan-11	8-Mar-11	43	Capital Maintenance
	4	210				
	5	210	13-Nov-10	12-Dec-10	30	Annual Overhauling
	6	210				
Total		1260				
GNDTP(Bhatinda)	1	110	15-Oct-10	13-Nov-10	30	Annual Overhauling
	2	110	1-Apr-10	30-Apr-10	30	Annual Overhauling
	3	110	14-Jan-10	30-Sep-10	260	Renovation & Modernisation
	4	110	1-Jan-11	30-Aug-11	242	Renovation & Modernisation
Total		440				
GHTP (LEH.MOH.)	1	210	13-Dec-10	24-Jan-11	43	Capital Maintenance
	2	210	19-Oct-10	30-Nov-10	43	Capital Maintenance
	3	250	27-Apr-10	31-May-10	35	Annual Overhauling
	4	250	9-Mar-11	12-Apr-11	35	Annual Overhauling
Total		920				
Rajasthan Rajya Vidyut Utpadan Nigam Ltd.						
Kota TPS	1	110	15-Aug-10	28-Sep-10	45	Capital Overhauling
	2	110	1-Jun-10	21-Jun-10	21	Annual Overhauling
	3	210	10-Nov-10	9-Dec-10	30	Annual Overhauling
	4	210	17-Oct-10	6-Nov-10	21	Annual Overhauling
	5	210	8-Aug-10	28-Aug-10	21	Annual Overhauling
	6	195	24-Jul-10	13-Aug-10	21	Annual Overhauling
	7	195	1-Jul-10	30-Jul-10	30	Annual Overhauling
Total		1,240				
Suratgarh	1	250	1-Aug-10	29-Sep-10	60	Capital Overhauling
	2	250	1-May-10	21-May-10	21	Annual Overhauling
	3	250	1-Jul-10	21-Jul-10	21	Annual Overhauling
	4	250	13-Jul-10	11-Aug-10	30	Capital Overhauling
	5	250	1-Jun-10	21-Jun-10	21	Annual Overhauling
	6	250				
Total		1,500				
Giral TPP	1	125	20-Apr-10	17-May-10	28	Annual Maintenance
	2	125	16-Mar-10	12-Apr-10	28	Annual Maintenance
Total		250				
Uttar Pradesh Rajya Vidyut Utpadan Nigam Ltd.						
Panki TPS	3	110	1-Jul-10	14-Aug-10	45	Annual Overhauling
	4	110	1-Feb-11	12-Feb-11	12	Annual Overhauling
Total		220				

Station Name	Capacity		No. of			Reason
	Unit	(MW)	Start Date	End Date	Days	
Obra TPS	1	50				
	2	50				
	6	94	1-Apr-10	30-Apr-10	30	Annual Overhauling
	7	94	1-Sep-10	1-Feb-11	154	Renovation & Modernisation
	8	94	1-Mar-11	31-Mar-11	31	Annual Overhauling
	9	200	2-Nov-08	31-May-10	576	Refurbishment
	10	200	1-Apr-10	31-Mar-11	365	Refurbishment
	11	200	1-Jul-10	31-Mar-11	274	Refurbishment
	12	200				
	13	200				
	Total	1,382				
Harduaganj B	3	55	1-Jul-10	15-Jul-10	15	Annual Overhauling
	5	60	1-Aug-10	15-Aug-10	15	Annual Overhauling
	7	105	15-Dec-10	31-Jul-11	229	Renovation & Modernisation
	8	250				
	9	250				
	Total	720				
Paricha	1	110	1-Apr-10	30-Apr-10	30	Annual Overhauling
	2	110	1-Mar-11	15-Mar-11	15	Annual Overhauling
	3	210	15-Jul-10	18-Aug-10	35	Annual Overhauling
	4	210	1-May-10	30-May-10	30	Annual Overhauling
	5	250				
	6	250				
	Total	1140				
Anpara	1	210	1-Sep-10	30-Sep-10	30	Annual Overhauling
	2	210	1-Jul-10	30-Jul-10	30	Annual Overhauling
	3	210	25-Mar-10	13-Apr-10	20	Annual Overhauling
	4	500	1-Mar-11	31-Mar-11	31	Annual Overhauling
	5	500	15-Apr-10	15-May-10	31	Annual Overhauling
	Total	1,630				
Western Region						
Korba STPS	1	200	25-Aug-10	18-Sep-10	25	BLR+LPT+GEN
	2	200	25-Jun-10	19-Jul-10	25	BLR+LPT+GEN
	3	200	6-Jun-10	30-Jun-10	25	BLR
	4	500	24-Jul-10	17-Aug-10	25	BLR+LPT+GEN
	5	500	20-Oct-10	18-Nov-10	30	BLR+GEN
	6	500	1-Mar-10	4-Apr-10	35	COH
	7	500				
	Total	2,600				
Sipat STPS	1	660				
	2	660				
	4	500	15-Sep-10	9-Oct-10	25	GEN+BLR+TUR. BRG. INSP
	5	500	16-Nov-10	10-Dec-10	25	GEN+BLR+TUR. BRG. INSP
	Total	2,320				
Vindhyanchal STPS	1	210	25-Apr-10	19-May-10	25	BLR
	2	210	1-Apr-10	25-Apr-10	25	BLR
	3	210	9-Sep-10	3-Oct-10	25	BLR
	4	210	25-May-10	18-Jun-10	25	BLR
	5	210	17-Oct-10	10-Nov-10	25	BLR
	6	210	23-Nov-10	17-Dec-10	25	BLR
	7	500	20-Jul-10	13-Aug-10	25	BLR
	8	500	15-Aug-10	8-Sep-10	25	BLR
	9	500	25-Jun-10	19-Jul-10	25	BLR+LPT
	10	500	1-Jun-10	25-Jun-10	25	BLR
	Total	3,260				
Gujarat State Electricity Corporation Ltd.						
DHUVARAN	1	63.5				
	2	63.5				
	3	63.5				
	4	63.5				
	5	140	10-Jul-10	30-Jul-10	21	Annual Overhauling
	6	140	1-Aug-10	21-Aug-10	21	Annual Overhauling
	Total	534				

Capacity			No. of Maintenance				
Station Name	Unit	(MW)	Start Date	End Date	Days	Reason	
Ukai	1	120	5-Jan-11	25-Jan-11	21	Annual	Overhauling
	2	120	15-Dec-10	4-Jan-11	21	Annual	Overhauling
	3	200	15-Jun-10	5-Jul-10	21	Annual	Overhauling
	4	200	6-Jul-10	26-Jul-10	21	Annual	Overhauling
	5	210	26-Jan-11	15-Feb-11	21	Annual	Overhauling
Total		850					
Gandhi Nagar	1	120	27-Jul-10	16-Aug-10	21	Annual	Overhauling
	2	120	17-Aug-10	6-Sep-10	21	Annual	Overhauling
	3	210	15-Dec-10	4-Jan-11	21	Annual	Overhauling
	4	210	15-Jun-10	5-Jul-10	21	Annual	Overhauling
	5	210	6-Jul-10	26-Jul-10	21	Annual	Overhauling
Total		870					
Wanakbori	1	210	20-Aug-10	9-Sep-10	21	Annual	Overhauling
	2	210	20-Jun-10	10-Jul-10	21	Annual	Overhauling
	3	210	15-Jul-10	4-Aug-10	21	Annual	Overhauling
	4	210	1-Apr-10	10-May-10	40	Capital	Overhauling
	5	210	30-Jun-10	20-Jul-10	21	Annual	Overhauling
	6	210	8-Jun-10	28-Jun-10	21	Annual	Overhauling
	7	210	5-Aug-10	25-Aug-10	21	Annual	Overhauling
Total		1,470					
Sikka Rep.	1	120	15-Jun-10	27-Jul-10	43	Capital	Overhauling
	2	120	1-Aug-10	14-Sep-10	45	Capital	Overhauling
Total		240					
Kutch Lignite	1	70	15-Nov-10	5-Dec-10	21	Annual	Overhauling
	2	70	10-Dec-10	30-Dec-10	21	Annual	Overhauling
	3	75	25-Jun-10	15-Jul-10	21	Annual	Overhauling
	4	75					
Total		290					
GMDCL							
Akrimota	1	125	1-Jul-10	20-Jul-10	20	Annual	Overhauling
	2	125	1-Aug-10	20-Aug-10	20	Annual	Overhauling
Total		250					
Torrent Power Generation Ltd.							
A.E.Co.	15	30					
	16	30	1-Aug-10	21-Aug-10	21	Boiler	Maintenance
Total		60					
Sabarmati	1	110	8-Dec-10	29-Jan-11	53	Boiler	Maintenance
	2	110	1-Feb-11	15-Feb-11	15	Boiler	Maintenance
	3	110	16-Feb-11	2-Mar-11	15	Boiler	Maintenance
Total		330					
Surat Lignite	1	125	16-Jul-10	14-Aug-10	30	Annual	Overhauling
	2	125	16-Aug-10	14-Sep-10	30	Annual	Overhauling
Total		250					
Madhya Pradesh State Electricity Board							
Satpura	1	62.5	1-Jul-10	26-Jul-10	26	Annual	Overhauling
	2	62.5	1-Sep-10	25-Sep-10	25	Annual	Overhauling
	3	62.5	25-Jul-10	19-Aug-10	26	Annual	Overhauling
	4	62.5	1-May-10	25-May-10	25	Annual	Overhauling
	5	62.5	1-Jun-10	30-Jun-10	30	Annual	Overhauling
	6	200	1-Jun-10	26-Jun-10	26	Annual	Overhauling
	7	210	1-Aug-10	15-Sep-10	46	Capital	Overhauling
	8	210	1-Jul-10	26-Jul-10	26	Annual	Overhauling
	9	210	26-Aug-10	20-Sep-10	26	Annual	Overhauling
Total		1,142.5					
Amar Kantak	3	120	1-Apr-10	30-Aug-10	152	COH & Renovation & Modernisation	
	4	120					
	5	210	1-Sep-10	25-Sep-10	25	Annual	Overhauling
Total		450					

Capacity			No. of Maintenance				
Station Name	Unit	(MW)	Start Date	End Date	Days	Reason	
Sanjay Gandhi	1	210	15-Jun-10	30-Jul-10	46	AOH (HPH & HP Rotar Replacement)	
	2	210	1-Sep-10	25-Sep-10	25	Annual	Overhauling
	3	210	1-Jul-10	25-Jul-10	25	Annual	Overhauling
	4	210	1-Aug-10	15-Sep-10	46	Capital	Overhauling
	5	500	20-Aug-10	14-Sep-10	26	Annual	Overhauling
Total		1,340					
Chhattisgarh State Electricity Board							
Korba-II	1	50	1-Jun-10	15-Jun-10	15	Annual	Overhauling
	2	50					
	3	50	1-Sep-10	15-Sep-10	15	Annual	Overhauling
	4	50	1-Oct-10	15-Oct-10	15	Annual	Overhauling
Total		200					
Korba-III	1	120	16-Jun-10	8-Jul-10	23	Annual	Overhauling
	2	120	9-Aug-10	31-Aug-10	23	Annual	Overhauling
Total		240					
Korba-West	1	210	24-Sep-10	7-Nov-10	45	Capital	Overhauling
	2	210	24-Jun-10	16-Jul-10	23	Annual	Overhauling
	3	210	3-Aug-10	25-Aug-10	23	Annual	Overhauling
	4	210	1-Sep-10	23-Sep-10	23	Annual	Overhauling
Total		840					
Korba East V	1	250	1-Jun-10	23-Jun-10	23	Annual	Overhauling
	2	250	17-Jul-10	8-Aug-10	23	Annual	Overhauling
Total		500					
OP Jiindal	1	250	1-Aug-10	5-Aug-10	5	For Accumulated S/D Jobs	
	2	250	1-Apr-10	15-Apr-10	15	Annual	Overhauling
	3	250	1-Sep-10	5-Sep-10	5	For Accumulated S/D Jobs	
	4	250	1-Jun-10	15-Jun-10	15	Annual	Overhauling
Total		1000					
Pathadi TPS	1	300					
	2	300					
Total		600					
Maharashtra State Electricity Generation Company Ltd.							
Nasik	1	140	13-Sep-10	8-Oct-10	26	Annual	Overhauling
	2	140	18-Jan-11	22-Feb-11	36	Capital	Overhauling
	3	210	7-Jul-10	1-Aug-10	26	Annual	Overhauling
	4	210	14-Oct-10	8-Nov-10	26	Annual	Overhauling
	5	210	20-Nov-10	25-Dec-10	36	Capital	Overhauling
Total		910					
Koradi	1	120	1-Aug-10	30-Oct-10	91	Capital	Overhauling
	2	120	1-Jul-10	26-Jul-10	26	Annual	Overhauling
	3	120	1-Feb-11	26-Feb-11	26	Annual	Overhauling
	4	120	1-Jun-10	26-Jun-10	26	Annual	Overhauling
	5	200	1-Jun-10	16-Jul-10	46	Capital	Overhauling
	6	210	23-Jul-10	6-Sep-10	46	Capital	Overhauling
	7	210	13-Sep-10	8-Oct-10	26	Annual	Overhauling
Total		1,100					
Khaper Kheda II	1	210	31-Jan-11	25-Feb-11	26	Annual	Overhauling
	2	210					
	3	210					
	4	210	1-Jun-10	31-Jul-10	61	Capital	Overhauling
Total		840					
Paras	2	62.5					
Paras Expn	3	250	1-Jul-10	21-Jul-10	21	Annual	Overhauling
	4	250					
Total		562.5					
Bhusawal	1	62.5	1-Aug-10	26-Aug-10	26	Annual	Overhauling
	1		1-Mar-11	26-Mar-11	26	Annual	Overhauling
	2	210	1-Oct-10	20-Nov-10	51	Capital	Overhauling
	3	210					
Total		482.5					

Station Name	Capacity		No. of			Reason
	Unit	(MW)	Start Date	End Date	Days	
Parli	1	30	19-Dec-10	13-Jan-11	26	Annual Overhauling
	2	30	6-Jan-11	31-Jan-11	26	Annual Overhauling
	3	210	16-Feb-11	13-Mar-11	26	Annual Overhauling
	4	210	19-Sep-10	14-Oct-10	26	Annual Overhauling
	5	210	4-Feb-11	1-Mar-11	26	Annual Overhauling
Total		690				
New Parli	1	250	1-Aug-10	26-Aug-10	26	Annual Overhauling
	2	250				
Total		500				
Chandrapur	1	210	1-Jan-11	26-Jan-11	26	Annual Overhauling
	2	210	5-Oct-10	30-Oct-10	26	Annual Overhauling
	3	210	1-Mar-11	26-Mar-11	26	Annual Overhauling
	4	210	1-Jul-10	26-Jul-10	26	Annual Overhauling
	5	500	25-Jun-10	20-Jul-10	26	Annual Overhauling
	6	500	1-Sep-10	26-Sep-10	26	Annual Overhauling
	7	500	1-Aug-10	26-Aug-10	26	Annual Overhauling
Total		2,340				
Tata Electricity Company						
Trombay	4	150	1-Jul-10	25-Jul-10	25	Annual Overhauling
	6	500	7-Jan-11	31-Jan-11	25	Annual Overhauling
	7	180	28-Jul-10	3-Aug-10	7	Inspection
	8	250	6-Aug-10	30-Aug-10	25	Annual Overhauling
Total		1,400				
BSES						
Dhanu	1	250	1-Nov-10	20-Nov-10	20	Annual Overhauling
	2	250	1-Dec-10	7-Dec-10	7	Inspection
Total		500				
Southern Region						
Ramagundam STPS	1	200	4-Sep-10	23-Sep-10	20	Annual Maintenance
	2	200	1-Jun-10	27-Jun-10	27	Annual Maintenance
	3	200	1-Jul-10	20-Jul-10	20	Annual Maintenance
	4	500	1-Dec-10	25-Dec-10	25	Annual Maintenance
	5	500	30-Sep-10	24-Oct-10	25	Annual Maintenance
	6	500	25-Oct-10	18-Nov-10	25	Annual Maintenance
	7	500	31-Jul-10	24-Aug-10	25	Annual Maintenance
Total		2,600				
Simhadri STPS	1	500	25-Jun-10	3-Aug-10	40	Annual Maintenance
	2	500	6-Aug-10	4-Sep-10	30	Annual Maintenance
	3	500				
Total		1,500				
Neyveli St I	1	50	14-May-10	20-May-10	7	Annual Maintenance
	1		24-Sep-10	14-Oct-10	21	Annual Maintenance
	2	50	1-May-10	21-May-10	21	Annual Maintenance
	3	50	14-May-10	3-Jun-10	21	Annual Maintenance
	4	50	9-Aug-10	29-Aug-10	21	Annual Maintenance
	5	50	14-Jun-10	4-Jul-10	21	Annual Maintenance
	6	50	5-Jun-10	25-Jun-10	21	Annual Maintenance
	7A	50	16-Oct-10	29-Nov-10	45	Annual Maintenance
	7B	50	17-Oct-10	30-Nov-10	45	Annual Maintenance
	8A	50	2-Dec-10	22-Dec-10	21	Annual Maintenance
	8B	50	3-Dec-10	23-Dec-10	21	Annual Maintenance
	9A	50	1-Sep-10	21-Sep-10	21	Annual Maintenance
	9B	50	2-Sep-10	22-Sep-10	21	Annual Maintenance
Total		600				
Neyveli St II	1	210	20-Oct-10	18-Nov-10	30	Annual Maintenance
	2	210	23-Aug-10	11-Oct-10	50	Annual Maintenance
	3	210	17-Nov-10	31-Dec-10	45	Annual Maintenance
	4	210	9-Nov-10	3-Dec-10	25	Annual Maintenance
	5	210	9-Jul-10	27-Aug-10	50	Annual Maintenance
	6	210	11-Sep-10	15-Oct-10	35	Annual Maintenance
	7	210	17-Aug-10	10-Sep-10	25	Annual Maintenance
Total		1,470				
Neyveli Fst Ext	1	210	1-Oct-10	30-Oct-10	30	Annual Maintenance
	2	210	5-Nov-10	24-Dec-10	50	Annual Maintenance
Total		420				

		Capacity		No. of		
Station Name	Unit	(MW)	Start Date	End Date	Maintenance	Days
Reason						
Andhra Pradesh Generating Company Ltd.						
Kotha Gudem	1	60	16-Oct-10	30-Oct-10	15	Annual Maintenance
	2	60	1-Sep-10	30-Sep-10	30	Annual Maintenance
	3	60	1-Jun-10	15-Jun-10	15	Annual Maintenance
	4	60	16-Jun-10	30-Jun-10	15	Annual Maintenance
	5	120	1-Jul-10	15-Jul-10	15	Annual Maintenance
	6	120	1-Aug-10	15-Aug-10	15	Annual Maintenance
	7	120	16-Aug-10	30-Aug-10	15	Annual Maintenance
	8	120	16-Jul-10	30-Jul-10	15	Annual Maintenance
	9	250	1-Sep-10	5-Oct-10	35	Annual Maintenance
	10	250	1-Jun-10	20-Jun-10	20	Annual Maintenance
Total	1,220					
Vijaywada	1	210	11-Aug-10	30-Aug-10	20	Annual Maintenance
	2	210	1-Jul-10	20-Jul-10	20	Annual Maintenance
	3	210	1-Dec-10	15-Dec-10	15	Annual Maintenance
	4	210	16-Oct-10	30-Oct-10	15	Annual Maintenance
	5	210	1-Oct-10	4-Nov-10	35	Annual Maintenance
	6	210	1-Sep-10	30-Sep-10	30	Annual Maintenance
	7	500	1-Jan-11	15-Jan-11	15	Annual Maintenance
Total	1,760					
Ramagundam-B	1	62.5	16-Dec-10	30-Dec-10	15	Annual Maintenance
Rayal Seema	1	210	1-Jul-10	29-Aug-10	60	Annual Maintenance
	2	210	16-Nov-10	30-Nov-10	15	Annual Maintenance
	3	210	16-Jun-10	30-Jun-10	15	Annual Maintenance
	4	210	1-Nov-10	15-Nov-10	15	Annual Maintenance
Total	840					
Karnataka Power Corporation Ltd.						
Raichur	1	210	9-Aug-10	8-Oct-10	61	Annual Maintenance
	2	210	7-Jun-10	6-Aug-10	61	Annual Maintenance
	3	210	12-Dec-10	30-Dec-10	19	Annual Maintenance
	4	210	11-Oct-10	29-Oct-10	19	Annual Maintenance
	5	210	21-Nov-10	9-Dec-10	19	Annual Maintenance
	6	210	1-Nov-10	19-Nov-10	19	Annual Maintenance
	7	210				
Total	1,470					
Bellary TPP	1	500	1-Aug-10	25-Aug-10	25	Annual Maintenance
Tamil Nadu Electricity Board						
Ennore	1	60	20-Oct-10	18-Dec-10	60	Annual Maintenance
	2	60	22-Jun-10	1-Jul-10	10	Annual Maintenance
	3	110	1-Dec-10	13-Feb-11	75	Annual Maintenance
	4	110	26-Aug-10	9-Sep-10	15	Annual Maintenance
	5	110	22-Sep-10	5-Dec-10	75	Annual Maintenance
Total	450					
Tuticorin	1	210	6-Dec-10	20-Dec-10	15	Annual Maintenance
	2	210	10-Aug-10	24-Aug-10	15	Annual Maintenance
	3	210	22-Dec-10	4-Feb-11	45	Annual Maintenance
	4	210	7-Oct-10	20-Nov-10	45	Annual Maintenance
	5	210	7-Oct-10	21-Oct-10	15	Annual Maintenance
Total	1,050					
Mettur	1	210	25-Dec-10	8-Jan-11	15	Annual Maintenance
	2	210	11-Nov-10	5-Dec-10	25	Annual Maintenance
	3	210	21-Sep-10	9-Nov-10	50	Annual Maintenance
	4	210	1-Dec-10	15-Dec-10	15	Annual Maintenance
Total	840					
North Chennai	1	210	10-Aug-10	23-Sep-10	45	Annual Maintenance
	2	210	21-Nov-10	5-Dec-10	15	Annual Maintenance
	3	210	28-Sep-10	12-Oct-10	15	Annual Maintenance
Total	630					

Capacity			No. of Maintenance			
Station Name	Unit	(MW)	Start Date	End Date	Days	Reason
Eastern Region						
Kahalgaon STPS-I	1	210	1-Aug-10	25-Aug-10	25	Boiler+LPT RLA
	2	210	10-Apr-10	4-May-10	25	Boiler Overhauling
Kahalgaon STPS-II	3	210	1-Dec-10	25-Dec-10	25	Boiler Overhauling
	4	210	1-Sep-10	25-Sep-10	25	Boiler Overhauling
	5	500	1-May-10	4-Jun-10	35	Boiler+Generator
	6	500	27-Oct-10	30-Nov-10	35	Boiler+Generator
	7	500	10-Jul-10	29-Jul-10	20	PG Test
Total		2,340				
Talcher TPS	1	60	5-Nov-10	4-Dec-10	30	Boiler+Switchyard R&M+Gen. replacement
	2	60	5-Nov-10	4-Dec-10	30	Boiler+Switchyard R&M
	3	60	18-Aug-10	16-Sep-10	30	Boiler+Switchyard R&M+Gen. replacement
	4	60	18-Aug-10	16-Sep-10	30	Boiler+Switchyard R&M+Gen. replacement
	5	110	26-Jul-10	14-Aug-10	20	Boiler Overhaul
	6	110	1-Jul-10	20-Jul-10	20	Boiler Overhaul
Total		460				
Talcher STPS-I	1	500	7-Jun-10	11-Jul-10	35	Boiler Maintenance
	2	500	16-Oct-10	14-Nov-10	30	Boiler Overhauling
Talcher STPS-II	3	500	7-Dec-10	10-Jan-11	35	Boiler Overhauling
	4	500	15-Aug-10	8-Sep-10	25	Boiler Overhauling
	5	500	21-Jul-10	19-Aug-10	30	Boiler Overhauling
	6	500	1-May-10	4-Jun-10	35	Boiler Overhauling
Total		3,000				
Farakka STPS	1	200	25-Jun-10	27-Jul-10	33	Boiler+Chemical cleaning
	2	200	16-Aug-10	9-Sep-10	25	Boiler+Cleaning
	3	200	6-May-10	30-May-10	25	Boiler+Generator
	4	500	1-Apr-10	23-Apr-10	23	Boiler+LPT RLA
	5	500	21-Mar-11	31-Mar-11	11	Boiler+LPT RLA
Total		1,600				
Damodar Valley Corporation						
Chandrapura	1	130	20-Jun-10	24-Jul-10	35	Annual Overhauling
	2	130				
	3	130				
	4	120	1-Apr-10	31-Mar-11	365	Under long shut down
	5	120	1-Apr-10	31-Mar-11	365	Under long shut down
	6	120	1-Apr-10	31-Mar-11	365	Under long shut down
	7	250				
	8	250				
Total		1,250				
Durgapur	3	140	12-Jul-10	25-Aug-10	45	Annual Overhauling
	4	210	15-Apr-10	13-Jun-10	60	Annual Overhauling
Total		350				
Bokaro - B	1	210	1-Sep-10	25-Sep-10	25	Annual Overhauling
	2	210				
	3	210	20-Jan-11	13-Feb-11	25	Annual Overhauling
Total		630				
Mejia	1	210	20-Jul-10	28-Aug-10	40	Capital Overhauling
	2	210				
	3	210	12-Jun-10	6-Jul-10	25	Annual Overhauling
	4	210	1-Apr-10	13-Apr-10	13	Annual Overhauling
	5	250	16-Dec-10	9-Jan-11	25	Annual Overhauling
	6	250				
Total		1,340				
Bihar State Electricity Board						
Barauni	4	50	1-Apr-10	31-Mar-11	365	Renovation & Modernisation
	5	50	1-Apr-10	31-Mar-11	365	Renovation & Modernisation
	6	105	16-Aug-10	15-Sep-10	31	Annual Maintenance
	6		15-Feb-11	2-Mar-11	16	Annual Maintenance
	7	105	1-Apr-10	31-Mar-11	365	Renovation & Modernisation
Total		310				

Station Name	Unit	Capacity (MW)	Start Date	End Date	No. of Maintenance Days	Reason
VPGL						
Muzaffarpur	1	110	1-Apr-10	31-Mar-11	365	Renovation & Modernisation
	2	110	5-Jan-11	20-Jan-11	16	Boiler Overhauling
Total		220				
Jharkhand State Electricity Board						
PATRATU	1	40	25-Sep-10	15-Oct-10	21	Boiler Overhauling
	2	40	31-Oct-10	19-Nov-10	20	Boiler Overhauling
	3	40	1-Apr-10	31-Mar-11	365	Annual Maintenance
	4	40	5-Jun-10	25-Jun-10	21	Boiler Overhauling
	5	90	1-Apr-10	31-Mar-11	365	Annual Maintenance
	6	90	16-Nov-10	5-Dec-10	20	Boiler Overhauling
	7	105	15-Aug-10	5-Sep-10	22	Boiler Overhauling
	8	105	1-Apr-10	31-Mar-11	365	Annual Maintenance
	9	110	1-Apr-10	31-Aug-10	153	Annual Maintenance
	10	110				
Total		770				
Tenughat Vidyut Nigam Ltd.						
Tenughat	1	210	15-Jul-10	14-Aug-10	31	Statutory Maintenance
	2	210	17-Oct-10	31-Oct-10	15	Minor Maintenance
Total		420				
Orissa Power Generation Company Ltd.						
I.B.Valley	1	210	1-Nov-10	15-Nov-10	15	Annual Overhaul
	2	210	1-Jul-10	4-Aug-10	35	Annuual overhaul
Total		420				
West Bengal Power Development Corporation Ltd.						
Bandel	1	60	1-Nov-10	10-Dec-10	40	Boiler Overhauling
	2	60	1-Jul-10	30-Jul-10	30	Boiler Overhauling
	3	60	1-Apr-10	31-Mar-11	365	Generator Transformer Earth Fault
	4	60	22-Oct-10	31-Oct-10	10	Boiler Overhauling
	5	210	1-Jan-11	10-Jan-11	10	Short shut down
Total		450				
Santalidih	1	120	21-Sep-10	30-Sep-10	10	Short shut down
	2	120	18-Dec-10	31-Jan-11	45	Boiler+Turbine Overhauling
	3	120	1-Apr-10	31-Mar-11	365	Under long shut down
	4	120	1-Apr-10	31-Mar-11	365	Under long shut down
	5	250	1-Aug-10	30-Aug-10	30	Boiler Overhauling
Total		730				
Kolaghat	1	210	21-Jun-10	30-Jul-10	40	Boiler+Turbine Overhauling
	2	210	1-Nov-10	26-Nov-10	26	Boiler+Turbine Overhauling
	3	210	22-Dec-10	31-Dec-10	10	Short shut down
	4	210	16-Sep-10	25-Sep-10	10	Short shut down
	5	210	1-Dec-10	10-Dec-10	10	Short shut down
	6	210	1-Jan-11	26-Jan-11	26	Boiler Overhauling
Total		1,260				
Bakreswar	1	210	18-Jul-10	31-Aug-10	45	Boiler+Turbine Overhauling
	2	210				
	3	210				
	4	210				
	5	210	22-Jan-11	31-Jan-11	10	Short shut down
Total		1,050				
Sagardighi TPP	1	300	22-Oct-10	31-Oct-10	10	Short shut down
	2	300	21-Nov-10	30-Nov-10	10	Short shut down
Total		600				
D.P.L.	1	30	1-Apr-10	31-Mar-11	365	Boiler Maintenance
	2	30	1-Oct-10	31-Mar-11	182	S/D due to Uneconomical
	3	77				
	4	77				
	5	77				
	6	110	1-Jul-10	30-Sep-10	182	Rewinding of Generator
	7	300				
Total		701				

Station Name	Unit	Capacity (MW)	Start Date	End Date	No. of Maintenance Days	Reason
Calcutta Electricity Supply Company						
New Cossipore	1	30				
	2	30				
	3	50				
	4	50				
	Total	160				
Titagarh	1	60	20-Jan-11	4-Feb-11	16	Boiler+Turbine inspection
	2	60				
	3	60				
	4	60	16-Nov-10	30-Nov-10	15	Boiler+Turbine inspection
	Total	240				
Southern REPL.	1	67.5				
	2	67.5	1-Dec-10	15-Dec-10	15	Boiler+Turbine inspection
	Total	135				
Budge Budge	1	250				
	2	250	21-Dec-10	19-Jan-11	30	Boiler+Turbine inspection
	Total	500				

Generating Schemes Expected to be commissioned during 2010-11

Scheme	State	No. of Units & Units size (MW)	Capacity (MW)	Likely date of Commissioning
Thermal				
Pragati CCGT-III GT-1&2, GT- 3&ST-1, GT-4 & ST-1	Delhi	6x250	1500	Apr to Jun-10, Jul to Sep-10, Oct to Dec-10
Rithala CCGT GT-1&2, ST-1	Delhi	2x35.75+36.5	108	Apr to Jun-10, Jul to Sep-10
Rajiv Gandhi TPS U-2, Hissar	Haryana	1x600	600	Apr to Jun-10
Indira Gandhi TPP U-I	Haryana	1x500	500	Jul to Sep-10
Barsingsar Lignite U-1,2	Rajasthan	2x125	250	Apr to Jun-10, Jul to Sep-10
Chhabra TPS U-2	Rajasthan	1x250	250	Apr to Jun-10
Jallipa-Kapurdi U-2&3,4,5&6,7	Rajasthan	6x135	810	Apr to Jun-10, Jul to Sep-10, Oct to Dec-10, Jan to March-11
Rosa TPP Phase-I U-2	Uttar Pradesh	1x300	300	Apr to Jun-10
Dadri Extn. U-6	Uttar Pradesh	1x490	490	Jul to Sep-10
Parichha Extn. U-5,6	Uttar Pradesh	2x250	500	Jul to Sep-10, Jan to March-11
Harduaganj Extn. U-8&9	Uttar Pradesh	2x250	500	Jan to March-11
Anpara-C U-1	Uttar Pradesh	1x600	600	Jan to March-11
Korba STPP U-7	Chhattisgarh	1x500	500	Oct to Dec-10
Surat Lignite TPP Extn. U-3&4	Gujarat	2x125	250	12-04-10, 23-04-10
Mundra TPP Phase-I U-3&4	Gujarat	2x330	660	Apr to Jun-10
Hazira CCGT Extn.	Gujarat	1x351	351	Oct to Dec-10
Pipavav CCGT	Gujarat	1x351	351	Jan to March-11
JSW Ratnagiri TPP U-1&2,3,4	Maharashtra	4x300	1200	Apr to Jun-10, Oct to Dec-10, Jan to March-11
Khaperkheda TPS Extn. U-5	Maharashtra	1x500	500	Oct to Dec-10
Bhusawal TPS Extn. U-4	Maharashtra	1x500	500	Jan to March-11
Konaseema CCGT ST	Andhra Pradesh	1x165	165	Apr to Jun-10
Lanco Kondapalli Ph-II ST	Andhra Pradesh	1x133	133	Apr to Jun-10
Kakatiya TPP U-1	Andhra Pradesh	1x500	500	Jul to Sep-10
Rayalseema Stage-III U- 5	Andhra Pradesh	1x210	210	Oct to Dec-10
Simmhadri STPP Extn. U-3	Andhra Pradesh	1x500	500	Jan to March-11
Raichur Unit 8	Karnataka	1x250	250	Apr to Jun-10
Udupi TPP U-1,2	Karnataka	2x507.5	1015	Jul to Sep-10, Jan to March-11
Neyvelli TPS-II Exp. U-1	Tamil Nadu	1x250	250	Oct to Dec-10
Koderma TPP U-1	Jharkhand	1x500	500	Oct to Dec-10
Maithon RB TPP U-1	Jharkhand	1x525	525	Jan to March-11
Sterlite TPP U-2,1	Orissa	2x600	1200	Apr to Jun-10, Jul to Sep-10
Mejia TPS Extn.	West Bengal	2x500	1000	Jul to Sep-10
Durgapur Steel TPS U-1,2	West Bengal	2x500	1000	Oct to Dec-10, Jan to March-11
Santalidih TPP Extn. Phase-II U-6	West Bengal	1x250	250	Oct to Dec-10

Generating Schemes Expected to be commissioned during 2010-11

Scheme	State	No. of Units & Units size (MW)	Capacity (MW)	Likely date of Commissioning
Farakka STPS-III U-6	West Bengal	1x500	500	Jan to March-11
Lakwa Waste Heat Unit ST	Assam	1x37	37	Apr to Jun-10
Total Thermal			18755	
Hydro				
Allain Duhangan	Himachal Pradesh	2x96	192	Jun-10, Jul-10
Budhil	Himachal Pradesh	2x35	70	Oct-10, Nov-10
Malana-II	Himachal Pradesh	2x50	100	Oct-10, Nov-10
Chamera-III U-I	Himachal Pradesh	1x77	77	March-11
Sewa-II	J & K	3x40	120	May-10, Jun-10, Jun-10
Uri-II	J & K	2x60	120	Feb-11, March-11
Koteshwar	Uttarakhand	2x100	200	Dec-10, Mar-11
Priyadarshni Jurala	Andhra Pradesh	3x39	117	May-10, Oct-10, Feb-11
Nagarjuna Sagar	Andhra Pradesh	1x25	25	March-11
Pulichintala	Andhra Pradesh	1x30	30	March-11
Kutiadi Addn. Extn.	Kerala	2x50	100	Apr-10, Apr-10
Chujachen	Sikkim	2x49.5	99	Sep-10, Oct-10
Teesta Low Dam-III	West Bengal	4x33	132	Jan-11, Jan-11, Feb-11, Feb-11
Myntdu	Meghalaya	2x42	84	May-10, Aug-10
Total Hydro			1466	
Nuclear				
Kaiga Unit 4	Karnataka	1x220	220	Dec-10
Kudankulam U 1	Tamil Nadu	1x1000	1000	March-11
Total Nuclear			1220	
Total (Thermal + Hydro + Nuclear)			21441*	

* This includes 1082 MW capacity slipped from 2009-10.

Allocation of power from Central Generating Stations as on 31/03/10 of the Northern, Western, Southern, Eastern & North Eastern Regions

Overview

Region	Installed Capacity (#)	Firm Share	Unallocated Share	Specific Allocations	Quantum for Pooling	Not in common Pool	Diverted from Firm Share	Remarks
Northern	16,364	14,619	1,745	187	1339	219	0	Note (1)
Western	9,912	8,536	1,376	276	1100	0	0	Note (2)
Southern	7,590	6,205	1,085	0	1085	0	300	Note (3)
Eastern	4,994	4,118	776	0	516	260	100	Note (4)
Northern-Eastern	1,335	1,052	283	0	183	100	0	Note (5)
Total	40,195	34,530	5,265	463	4223	579	400	

(#) This is total share in Central Generating Stations

Notes :

1) Installed Capacity includes 440 MW of RAPP 3 and 4. Firm share includes 374 MW (=440-66) non-firm share of RAPP 3 and 4. Specific Allocation includes 100 MW 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 64 MW for Kumbh to Uttarakhand wef 12.01.10 and 20.5 MW to J&K wef 12.02.10. Dadri NCTPS (490 MW) added and RAPP U-5 (220 MW) added wef 12.02.10.

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.

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

4) Total ER capacity= 4994 MW {3440+60+510+270+60+150(Mezia)+Kahalgaon-II (36+343+125=504)}. Total power to ER constituents = 4639 MW.

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 = 160 MW and NER = 94 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.

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 31/03/10 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	%
CGS (NR only) w/o RAPP 3 and 4	14406																						
RAPP 3 and 4	440																						
CGS(NR) + RAPP 3 and 4	14846																						
Tala Power [F-113,K1-261,K2-343,M-150,UA-153]	1020																						
Kahalgaon-II (NR share) [841-343]	498																						
CGS(NR) + RAPP 3 and 4+																							
Kahalgaon-II (NR share=841 MW)	16364																						
Central Sector Stations(NR) + Kahalgaon-II (NR share=841 MW)																							
w/o RAPP 3 and 4	15924																						
Singrauli STPS	2000	0.0	0	7.5	150	10.0	200	0.0	0	0.0	0	10.0	200	15.0	300	37.7	754	4.8	96				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	1330	0.0	0	90.0	1197	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	10.0	133	0.0	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
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	220	0.7	1.5	12.7	28	5.7	12.5	3.4	7.5	0.0	0	10.2	22.5	20.0	44	19.6	43	3.4	7.5				
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	81	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				
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				

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	%	
Dulhasti HEP *	390	0.5	1.85	12.8	50.03	5.5	21.36	0.0	0	21.2	82.49	8.3	32.28	10.9	42.42	21.8	85.05	4.1	16.02				
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				
Farakka STPS (1600 MW)	113	0.0	0	1.4	22	0.7	11	0.0	0	0.9	14	1.4	22	0.7	11	2.1	33	0.0	0				
Kahalgaon - I (840 MW)	261	0.0	0	6.1	51	3.0	26	0.0	0	3.7	31	6.1	51	3.0	26	9.1	77	0.0	0				
Mezia unit 6 (250 MW)	150	0.0	0	19.6	29	9.8	15	0.0	0	11.8	18	19.6	29	9.8	15	29.4	44	0.0	0				
Kahalgaon - II (1500 MW) [498 MW firm+ 343 MW in lieu of Tala]	841	0.2	3	10.5	157	4.6	69	1.5	23	5.6	83	8.0	120	7.1	107	16.7	251	1.9	28				
Firm Power	14245		95.5		2794.0		1070.5		959.5		1228.0		1809.5		1509.0		4159.0		620.5				
Non-Firm Allocations RAPS # 3 & 4 ***	440 440	0	0	0	0	10.91	48	0	0	7.95	35	22.73	100	28.41	125	15	66	0	0				
Dedicated Stations Badarpur TPS Tanda TPS Faridabad CCGT RAPS-A(#1 & 2)	1876 705 440 431 300			100	705											100	440						
Total Unallocated Power **	1745																						
Specific Allocations from Rihand STPS Dadri NCTPS RAPP U-5 To Uttarakhand for Kumbh Unallocated Power	1000 840 220 64 1441									20.50								64 55		0.08 0.10	0.80 0.83		
UA Power of RAPS 3 & 4***	66	5	67	0	0	11	147	12	161	32.15	431	3	40	7	94	25.73	345	4.12	64		2		100
UA of Tala	153	0.0	0	21.2	14	0.0	0	0	0	0.0	0	0.0	0	56.1	37	22.7	15	0	0				
Entitlement in NR	18240	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		2		100
Unallocated Power from NTPC	0																						
Stations of Eastern Region	0	0		0		0.0				0		0.0		0		0							
Power from DVC's share of ER	0					0				0		0											
Total Power including ER Power	18240		163		3543		1712		1120		1732		1980		2080		5070		740		2		100

Note : Revised due to changes in commercial operation of Kahalgaon Stg2 unit 3.

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

(#) 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 1745 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), 64 MW allocated to Uttarakhand for Kumbh, 20.5 MW to J&K i.e. total specific = 187 MW) and balance 1339 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 31/03/10 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)	9912																		
Central Sector Stations	9514																		
Korba STPS	2100	10.00	210	17.14	360	19.05	400	29.05	610	0.00	0	0.00	0	10.00	210				
Vindhyachal STPS - I	1260	0.00	0	18.25	230	30.52	385	32.54	410	0.40	5	0.40	5	2.78	35				
Vindhyachal STPS - II	1000	0.00	0	23.90	239	27.30	273	31.90	319	0.30	3	0.40	4	1.20	12				
Vindhyachal STPS - III	1000	10.50	105	26.60	266	20.00	200	25.80	258	0.50	5	0.60	6	1.00	10				
Sipat STPS Stage-II	1000	15.80	158	27.30	273	14.30	143	25.80	258	0.40	4	0.40	4	1.00	10				
Kawas GBS (-)	656	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	8138		521		2351		1931		2949		28		55		303				
Unallocated Power	1376																		
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																		
From Kakrapar APS																			
From Vindhyachal STPS to (@)																			
HVDC-BHD Station	2.520															0.20	2.520		
HVDC-VIN Station	0.756															0.06	0.756		
SEZ- MPAKVNL	8					8													
Balance Unallocated in pool (**)	1100	0.00	0	4.31	47	23.16	255	30.56	336	10.08	111	29.59	325	2.30	25				
Allocation to SEZ-MPAKVNL from MP vide MOP Ir. Dated 13.10.08	5					5													
Total allocation to SEZ-MPAKVNL	13					13													
Net allocation from the unallocated	1095		0		47	250		336		111		325		25					
Entitlement in WR	9514		521		2398	2194		3285		237		502		353		3.276		18	
Unallocated Power from NTPC Stations of E R	0		0		0	0		0		0		0		0					
Power from DVC's share of ER	0							0						(###)	0				
Central Sector Stations located in other region																			
Kahalgaon STPS-II (1500 MW)	398	2.00	30	9.40	141	4.93	74	9.87	148	0.13	2	0.20	3	0.00	0				
Allocation from Ramagundam STPS (2100 MW) of SR (##)	100									0.00	0	0.00	0	4.76	100				
Total Power including ER and SR	10012		551		2539	2268		3433		239		505		453		3.276		18	

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

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

(*) No unallocated power.

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

(#) 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 31/03/10 of the Northern, Western, Southern, Eastern and North Eastern Regions

Southern Region

Stations	Installed Capacity (#)	Andhra Pradesh		Karnataka		Tamil Nadu		Kerala		Puducherry		NLC		PowerGrid	
	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW
Central Sector Stations	7590														
Ramagundam (##) (T)	2100	27.6	580	16.4	345	22.4	470	11.7	245	2.4	50	0.0	0		
Ramagundam STG-III	500	29.2	146	17.4	87	23.6	118	12.2	61	2.6	13	0.0	0		
Madras APS (N)	440	8.5	38	6.5	28	74.4	328	5.3	23	1.2	5	0.0	0		
KAIGA APS Unit 1 & 2 (N)	440	26.1	115	24.5	108	23.9	105	8.6	38	1.8	8	0.0	0		
KAIGA APS Unit 3 (N)	220	28.2	62	26.8	59	20.9	46	7.7	17	1.4	3	0.0	0		
Neyveli - II St.- I (T)	630	15.4	97	13.3	84	27.9	176	10.0	63	10.3	65	7.9	50		
Neyveli - II St.- II (T)	840	21.4	180	13.7	115	31.6	265	10.7	90	1.8	15	6.0	50		
Neyveli - I exp. (T)	420	0.0	0	22.0	92	46.0	193	14.0	59	3.0	13	0.0	0		
Talcher St. II (T) (\$)	2000	18.8	375	17.5	350	23.9	477	12.4	247	2.6	51	0.0	0		
Firm Share	6205		1593		1268		2178		843		223		100		
Unallocated Power *	1085	30.2	328	22.1	240	23.0	250	15.9	173	8.10	88	0.0	0	0.6	6.25
Dedicated Stations															
Simhadri	1000	100.0	1000												
Kayamkulam CCGT (@)	360					50	180	50	180						
Neyveli - I	600					100	600								
Total	1960		1000				780		180						
Entitlement in SR	9250		2921		1508		3208		1196		311		100		6.25
Unallocated Power from NTPC Stations of Eastern Region	160		85		0		50		15		10				
Power from DVC's share of ER	0		0								0				
Total Power including ER Power	9410		3006		1508		3258		1211		321		100		6.25

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

(#) This is total share in Central Generating Stations

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

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

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

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

Allocation of power from Central Generating Stations as on 31/03/10 of the Northern, Western, Southern, Eastern and North Eastern Regions

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

Stations	Installed Capacity (#)	Bihar		Jharkhand		D.V.C.		Orissa		West Bengal		Sikkim		ER Total		Assam		Northern Region		Western Region		Total	
		MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%
Central Sector Stations	4664																						
Farakka	1600	22.06	353	6.38	102	0.00	0	13.63	218	30.54	489	1.63	26	74.24	1188	3.67	59					77.91	1247
Kahalgaoon	840	33.98	285	1.20	10	0.00	0	15.24	128	0.00	0	1.55	13	51.97	437	2.01	17					53.98	454
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	33.25	333	5.70	57	0.31	3	31.80	318	9.10	91	2.40	24	82.56	826	2.44	24					85.00	850
Total NTPC	3944		971		169		3		695		580		68		2486		100		498		398		3482
Rangit HPS (NHPC)	60	35.00	21	13.33	8	10.00	6	0.00	0	28.34	17	13.33	8	100.00	60							100.00	60
Teesta-V HPS (3 units) (NHPC)	510	21.26	109	12.34	63	8.64	44	20.59	105	23.98	122	13.19	67	100.00	510							100.00	510
Chukha HPS * (Bhutan)	270	29.63	80	10.74	29	10.37	28	15.19	41	31.85	86	2.22	6	100.00	270							100.00	270
Kurichu HPS (Bhutan)	60	0.00	0	0.00	0	50.00	30	0.00	0	50.00	30	0.00	0	100.00	60							100.00	60
Tala HPS (Bhutan) \$	1020	25.50	260	11.46	117	5.54	57	4.25	43	38.25	390			85.00	867							85.00	867
Allocation to ER constituents	4994		1441		386		168		884		1225		149	**	4253								
Allocation of DVC's surrendered share			0													100							
Dedicated Station Talcher TPS	460							100.00	460					460									
Allocation from Talcher St. II (T)								200						200									
Entitlement of ER constituents			1441		386		168		1544		1225		149		4913								

* Out of total capacity of 336 MW only 270 MW allocated to ER

\$ Out of six units of Tala HEP 85% allocated to ER in lieu of CGSs (Thermal) and to NR & 15% unallocated

(#) This is total share in Central Generating Stations

Firm share in lieu Tala HEP allocated to NR as per Table-3

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

Stations	Installed Capacity	Southern Region		North Eastern Region (Assam, Meghalaya & Nagaland)		Western Region		Northern Region		Bihar		Jharkhand		Orissa		PGCIL		Total	
		MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%	MW	%
Farakka	1600	4.67	75	2.74	44	0.00	0	0.00	0	3.51	56	4.08	65	0.00	0			240	
Kahalgaoon	840	4.61	39	2.70	23	0.00	0	0.00	0	3.50	29	4.04	34	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	4.67	46	2.74	27	0.00	0	0.00	0	3.51	36	4.08	41	0.00	0			150	
Total			160		194		0		0		221		165		0		1		741

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

Region	Farakka 1600 MW		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	UA of NTPC stns.	UA power of hydro stations	UA power of Kahalgaoon-II	Total
4118	261	135	125	4639

* Allocation to WR (Goa) during 1800 to 2200 hrs and during other hrs. it is allocated to Maharashtra.

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

Unallocated power of Rangit HPS, Chukha HPS, Kirichu HPS and Teesta-V HPS allocated to ER constituents.

Allocation of power from Central Generating Stations as on 31/03/10 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 Loktak HPS	105 105	4.8	5	23.1	24	29.0	30	7.7	8	3.85	4	5.81	6	11.52	12
NEEPCO Stations Khandong HPS	1105 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	31.0	57	8.5	16	3.5	6	8.0	15
Entitlement in NER	1235		124		576		123		158		66		78		110
Unallocated power of Kahalgaon - II (1500 MW)	100			5.1	76			1.6	24						
Unallocated Power from NTPC Stations of Eastern Region	94		5		69				20				0		
Power from NTPC Stations of Eastern Region out of DVC quota	100				100										0
Total Power incld. ER	1529		129		821		123		202		66		78		110

* 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

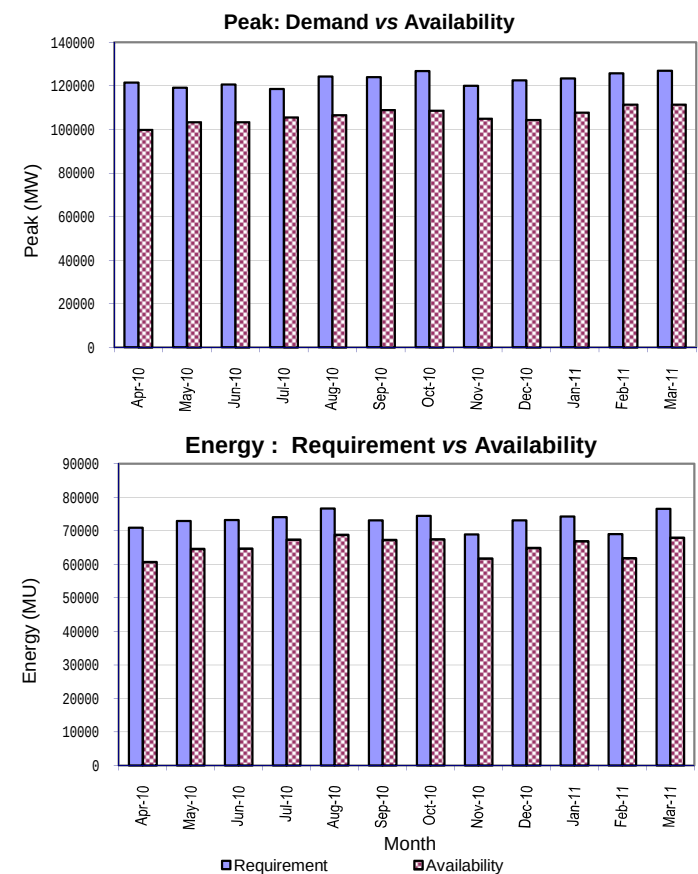
(#) This is total share in Central Generating Stations

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

Anticipated month wise power supply position of India during the year 2010-11

All India

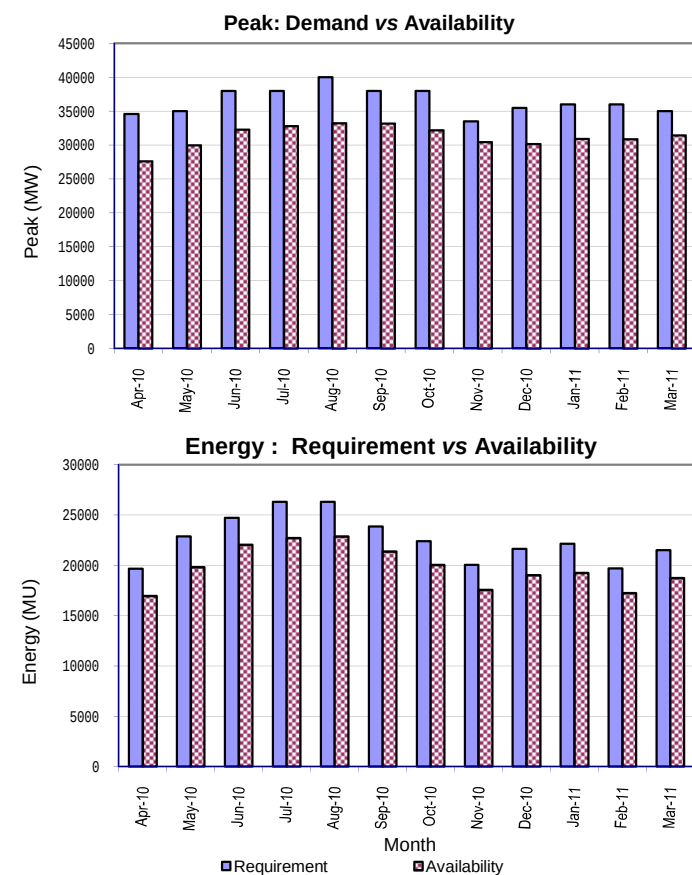
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	121472	99823	-21649	-17.8	70856	60658	-10199	-14.4
May-10	119185	103379	-15806	-13.3	72896	64566	-8329	-11.4
Jun-10	120681	103428	-17253	-14.3	73140	64676	-8464	-11.6
Jul-10	118674	105563	-13111	-11.0	74036	67384	-6652	-9.0
Aug-10	124262	106677	-17585	-14.2	76658	68748	-7911	-10.3
Sep-10	124014	108952	-15062	-12.1	73111	67250	-5861	-8.0
Oct-10	126799	108626	-18173	-14.3	74379	67469	-6911	-9.3
Nov-10	120005	105002	-15003	-12.5	68932	61756	-7176	-10.4
Dec-10	122615	104404	-18211	-14.9	73111	64857	-8254	-11.3
Jan-11	123518	107738	-15780	-12.8	74272	66869	-7404	-10.0
Feb-11	125838	111533	-14305	-11.4	68961	61822	-7139	-10.4
Mar-11	126951	111524	-15427	-12.2	76502	67951	-8551	-11.2
Annual	126951	111533	-15418	-12.1	876856	784006	-92850	-10.6



Anticipated month wise power supply position of Northern Region during the year 2010-11

Northern Region

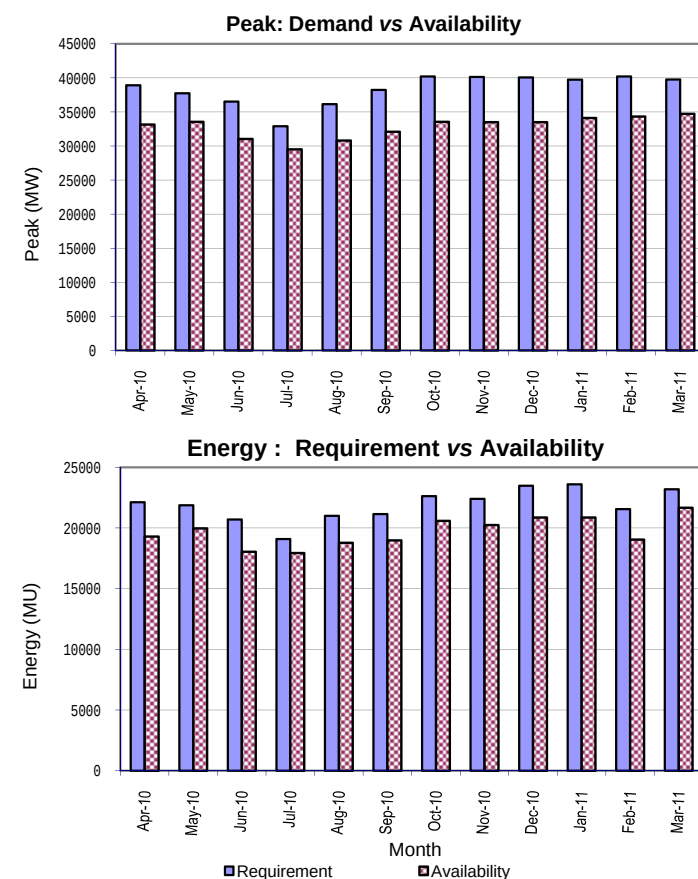
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	34600	27620	-6980	-20.2	19670	16960	-2710	-13.8
May-10	35000	29980	-5020	-14.3	22856	19824	-3032	-13.3
Jun-10	38000	32310	-5690	-15.0	24708	22044	-2664	-10.8
Jul-10	38000	32800	-5200	-13.7	26307	22691	-3615	-13.7
Aug-10	40000	33220	-6780	-17.0	26319	22878	-3441	-13.1
Sep-10	38000	33200	-4800	-12.6	23847	21362	-2485	-10.4
Oct-10	38000	32190	-5810	-15.3	22391	20042	-2349	-10.5
Nov-10	33500	30450	-3050	-9.1	20022	17549	-2474	-12.4
Dec-10	35500	30180	-5320	-15.0	21623	19011	-2612	-12.1
Jan-11	36000	30910	-5090	-14.1	22146	19248	-2898	-13.1
Feb-11	36000	30890	-5110	-14.2	19690	17231	-2459	-12.5
Mar-11	35000	31450	-3550	-10.1	21489	18737	-2753	-12.8
Annual	40000	33220	-6780	-17.0	271068	237575	-33493	-12.4



Anticipated month wise power supply position of Western Region during the year 2010-11

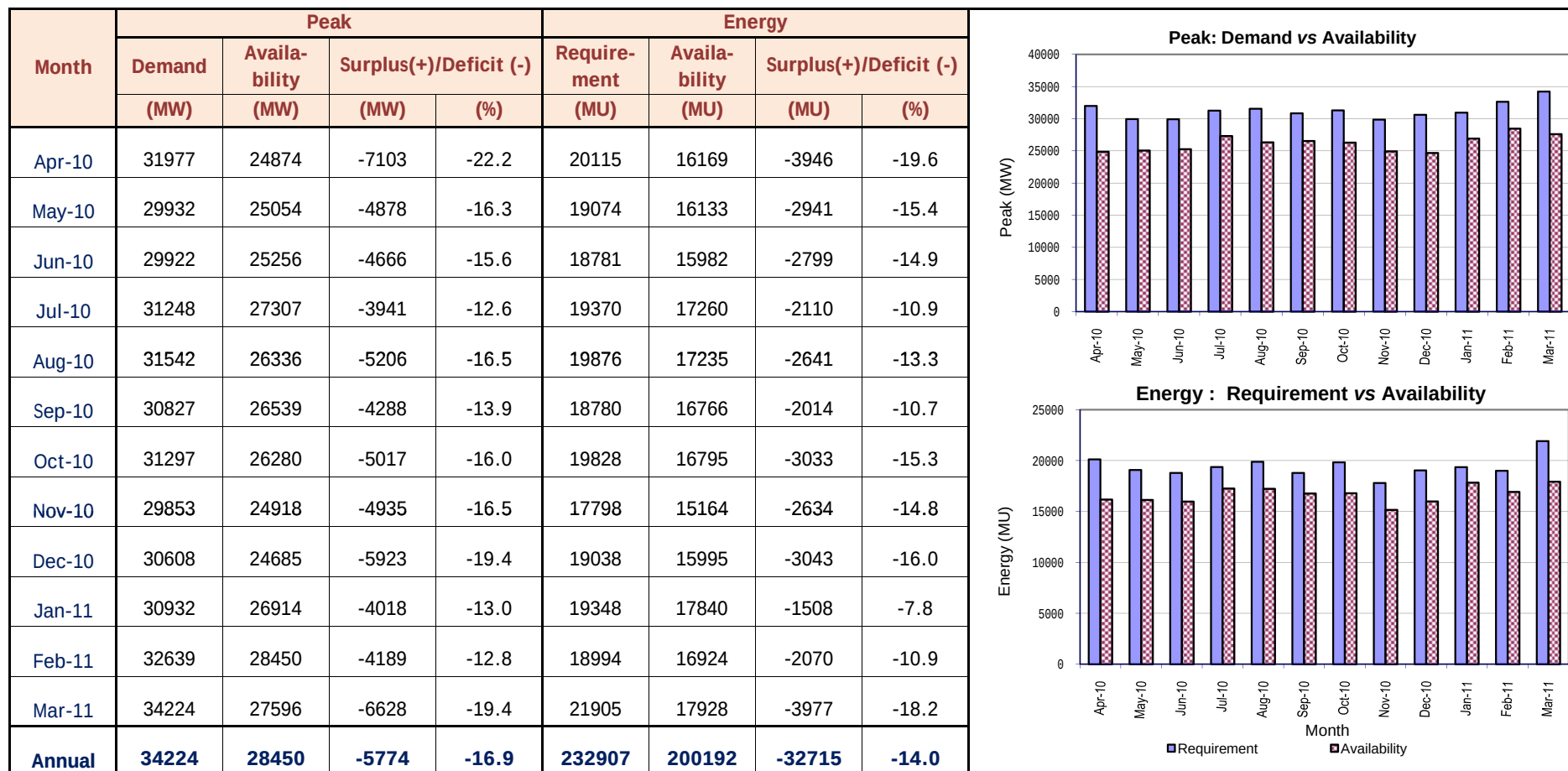
Western Region

Month	Peak				Energy			
	Demand	Availability	Surplus(+)/Deficit (-)		Requirement	Availability	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	38913	33163	-5750	-14.8	22117	19294	-2823	-12.8
May-10	37750	33571	-4179	-11.1	21873	19975	-1898	-8.7
Jun-10	36525	31056	-5469	-15.0	20697	18049	-2648	-12.8
Jul-10	32899	29521	-3378	-10.3	19086	17939	-1147	-6.0
Aug-10	36155	30814	-5341	-14.8	21000	18783	-2217	-10.6
Sep-10	38226	32098	-6128	-16.0	21145	18982	-2163	-10.2
Oct-10	40203	33570	-6633	-16.5	22625	20594	-2031	-9.0
Nov-10	40134	33513	-6621	-16.5	22394	20253	-2141	-9.6
Dec-10	40072	33518	-6554	-16.4	23481	20867	-2614	-11.1
Jan-11	39737	34133	-5604	-14.1	23600	20873	-2727	-11.6
Feb-11	40210	34344	-5866	-14.6	21556	19046	-2510	-11.6
Mar-11	39763	34732	-5031	-12.7	23194	21677	-1517	-6.5
Annual	40210	34732	-5478	-13.6	262768	236334	-26434	-10.1



Anticipated month wise power supply position of Southern Region during the year 2010-11

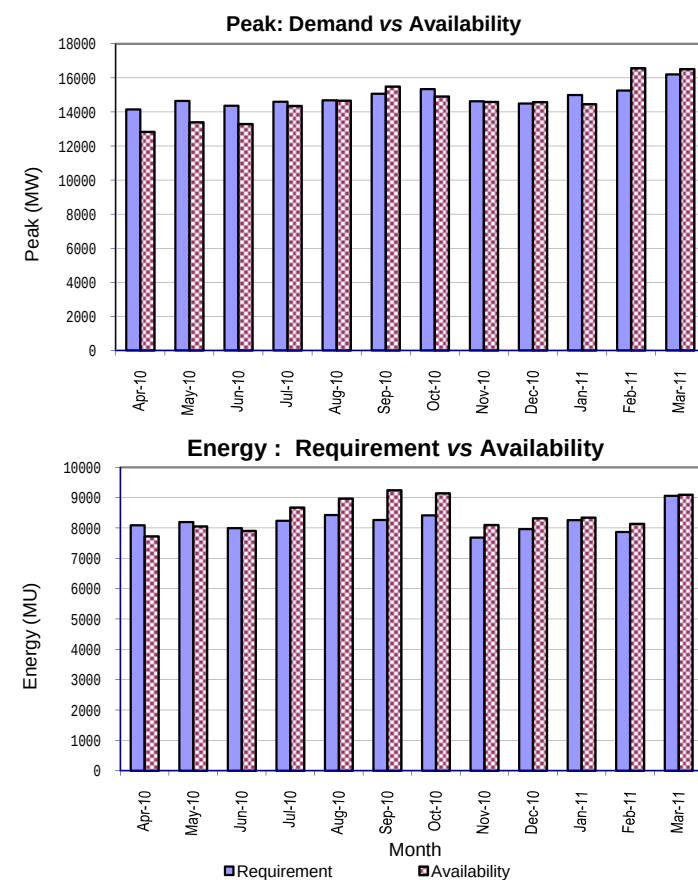
Southern Region



Anticipated month wise power supply position of Eastern Region during the year 2010-11

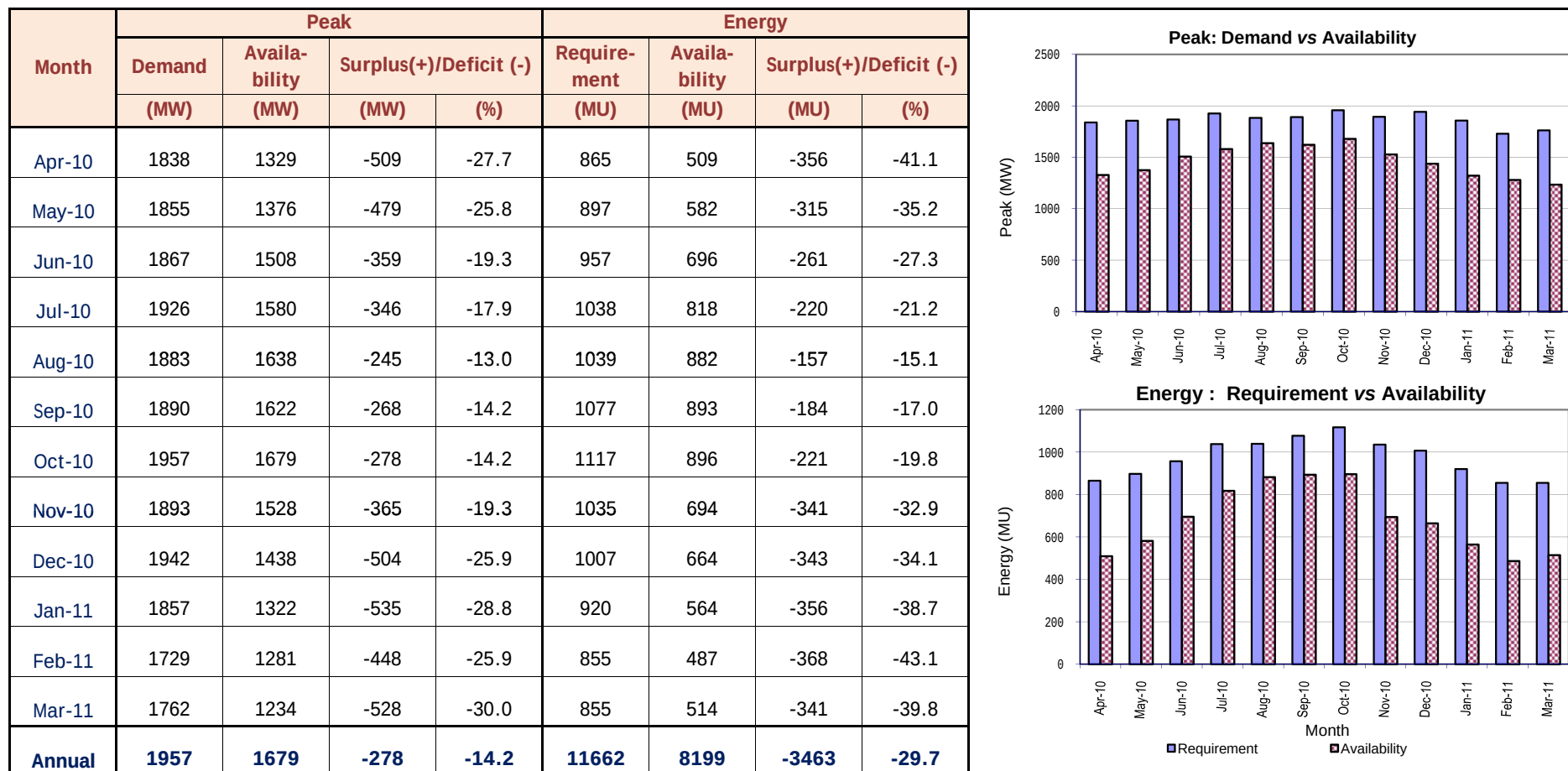
Eastern Region

Month	Peak				Energy			
	Demand	Availability	Surplus(+)/Deficit (-)		Requirement	Availability	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	14144	12837	-1307	-9.2	8090	7726	-364	-4.5
May-10	14648	13399	-1249	-8.5	8195	8053	-142	-1.7
Jun-10	14367	13298	-1069	-7.4	7997	7905	-92	-1.2
Jul-10	14601	14355	-246	-1.7	8235	8676	440	5.3
Aug-10	14682	14669	-13	-0.1	8424	8969	545	6.5
Sep-10	15071	15493	422	2.8	8262	9246	984	11.9
Oct-10	15342	14906	-436	-2.8	8418	9141	723	8.6
Nov-10	14625	14592	-33	-0.2	7683	8097	414	5.4
Dec-10	14493	14583	90	0.6	7962	8320	358	4.5
Jan-11	14992	14459	-533	-3.6	8258	8343	85	1.0
Feb-11	15260	16568	1308	8.6	7867	8135	268	3.4
Mar-11	16202	16512	310	1.9	9059	9095	36	0.4
Annual	16202	16568	366	2.3	98451	101706	3255	3.3



Anticipated month wise power supply position of North Eastern Region during the year 2010-11

North-Eastern Region



Anticipated annual power supply position in each State/ UT for 2010-11

State / Region	Energy				Peak			
	Requirement	Availability	Surplus(+)/Deficit (-)		Demand	Availability	Surplus(+)/Deficit (-)	
	(MU)	(MU)	(MU)	(%)	(MW)	(MW)	(MW)	(%)
Chandigarh	1657	1506	-151	-9.1	335	254	-81	-24.2
Delhi	25162	34293	9131	36.3	4850	5170	320	6.6
Haryana	36390	27488	-8902	-24.5	6390	4410	-1980	-31.0
Himachal Pradesh	7794	9036	1242	15.9	1180	1670	490	41.5
Jammu & Kashmir	14050	11023	-3027	-21.5	2300	1610	-690	-30.0
Punjab	48978	41948	-7030	-14.4	9900	7420	-2480	-25.1
Rajasthan	46612	46224	-388	-0.8	7200	6440	-760	-10.6
Uttar Pradesh	80983	58016	-22967	-28.4	10900	7690	-3210	-29.5
Uttarakhand	9442	8042	-1400	-14.8	1450	1360	-90	-6.2
Northern Region	271068	237575	-33493	-12.4	40000	33220	-6780	-17.0
Chhattisgarh	18368	17597	-771	-4.2	3275	2579	-696	-21.2
Gujarat	73999	68138	-5861	-7.9	10246	9277	-969	-9.5
Madhya Pradesh	47358	41978	-5380	-11.4	7800	6420	-1380	-17.7
Maharashtra	113191	100007	-13184	-11.7	18700	14219	-4481	-24.0
Daman & Diu	2251	1582	-669	-29.7	326	285	-41	-12.7
D.N. Haveli	4373	3899	-474	-10.8	576	543	-33	-5.7
Goa	3228	3132	-96	-3.0	507	436	-71	-13.9
Western Region	262768	236334	-26434	-10.1	40210	34732	-5478	-13.6
Andhra Pradesh	85072	75227	-9845	-11.6	12894	11093	-1801	-14.0
Karnataka	47367	41090	-6277	-13.3	7855	6546	-1309	-16.7
Kerala	19043	17111	-1932	-10.1	3445	2973	-472	-13.7
Tamil Nadu	79132	64601	-14531	-18.4	11282	9751	-1531	-13.6
Puducherry	2293	2162	-131	-5.7	335	293	-42	-12.5
Southern Region	232907	200192	-32715	-14.1	34224	28450	-5774	-16.9
Bihar	13035	10984	-2051	-15.7	2250	1631	-619	-27.5
DVC	16450	16821	371	2.3	2385	4908	2523	105.8
Jharkhand	7205	7354	148	2.1	1180	1189	9	0.8
Orissa	24794	22970	-1824	-7.4	3850	3916	66	1.7
West Bengal	36481	42648	6167	16.9	6483	6098	-385	-5.9
Sikkim	486	930	444	91.3	120	157	38	31.7
Eastern Region	98451	101706	3255	3.3	16202	16568	366	2.3
Arunachal Pradesh	577	573	-4	-0.7	140	132	-8	-5.7
Assam	5550	4283	-1267	-22.8	1000	940	-60	-6.0
Manipur	647	444	-203	-31.4	130	115	-15	-11.5
Meghalaya	2755	1253	-1502	-54.5	465	294	-171	-36.7
Mizoram	496	331	-165	-33.4	95	82	-13	-13.7
Nagaland	672	397	-275	-41.0	99	92	-7	-7.1
Tripura	965	920	-45	-4.7	151	140	-11	-7.3
North-Eastern Region	11662	8199	-3463	-29.7	1957	1679	-278	-14.2
All India	876856	784006	-92850	-10.6	126951	111533	-15418	-12.1

Anticipated month wise power supply position for 2010-11
Chandigarh

Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	269	191	-78	-29.0	123	119	-4	-3.6
May-10	300	195	-105	-35.0	155	134	-21	-13.8
Jun-10	322	191	-131	-40.7	171	131	-40	-23.7
Jul-10	335	204	-131	-39.1	180	142	-38	-21.0
Aug-10	318	196	-122	-38.4	171	143	-27	-16.1
Sep-10	300	254	-46	-15.3	162	138	-24	-14.7
Oct-10	290	248	-42	-14.5	124	128	4	3.0
Nov-10	205	214	9	4.4	102	113	11	10.4
Dec-10	215	209	-6	-2.8	112	118	6	5.7
Jan-11	260	210	-50	-19.2	140	120	-19	-13.8
Feb-11	220	204	-16	-7.3	101	105	4	4.1
Mar-11	230	207	-23	-10.0	118	117	-1	-1.1
Annual	335	254	-81	-24.2	1657	1506	-151	-9.1

Peak: Demand vs Availability

Month	Demand (MW)	Availability (MW)
Apr-10	269	191
May-10	300	195
Jun-10	322	191
Jul-10	335	204
Aug-10	318	196
Sep-10	300	254
Oct-10	290	248
Nov-10	205	214
Dec-10	215	209
Jan-11	260	210
Feb-11	220	204
Mar-11	230	207

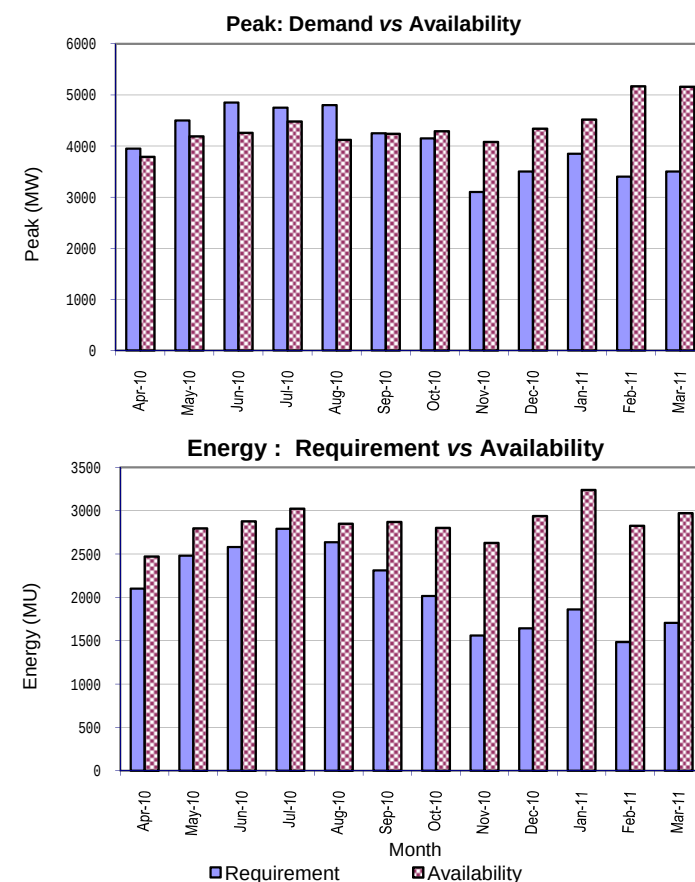
Energy : Requirement vs Availability

Month	Requirement (MU)	Availability (MU)
Apr-10	123	119
May-10	155	134
Jun-10	171	131
Jul-10	180	142
Aug-10	171	143
Sep-10	162	138
Oct-10	124	128
Nov-10	102	113
Dec-10	112	118
Jan-11	140	120
Feb-11	101	105
Mar-11	118	117

Anticipated month wise power supply position for 2010-11

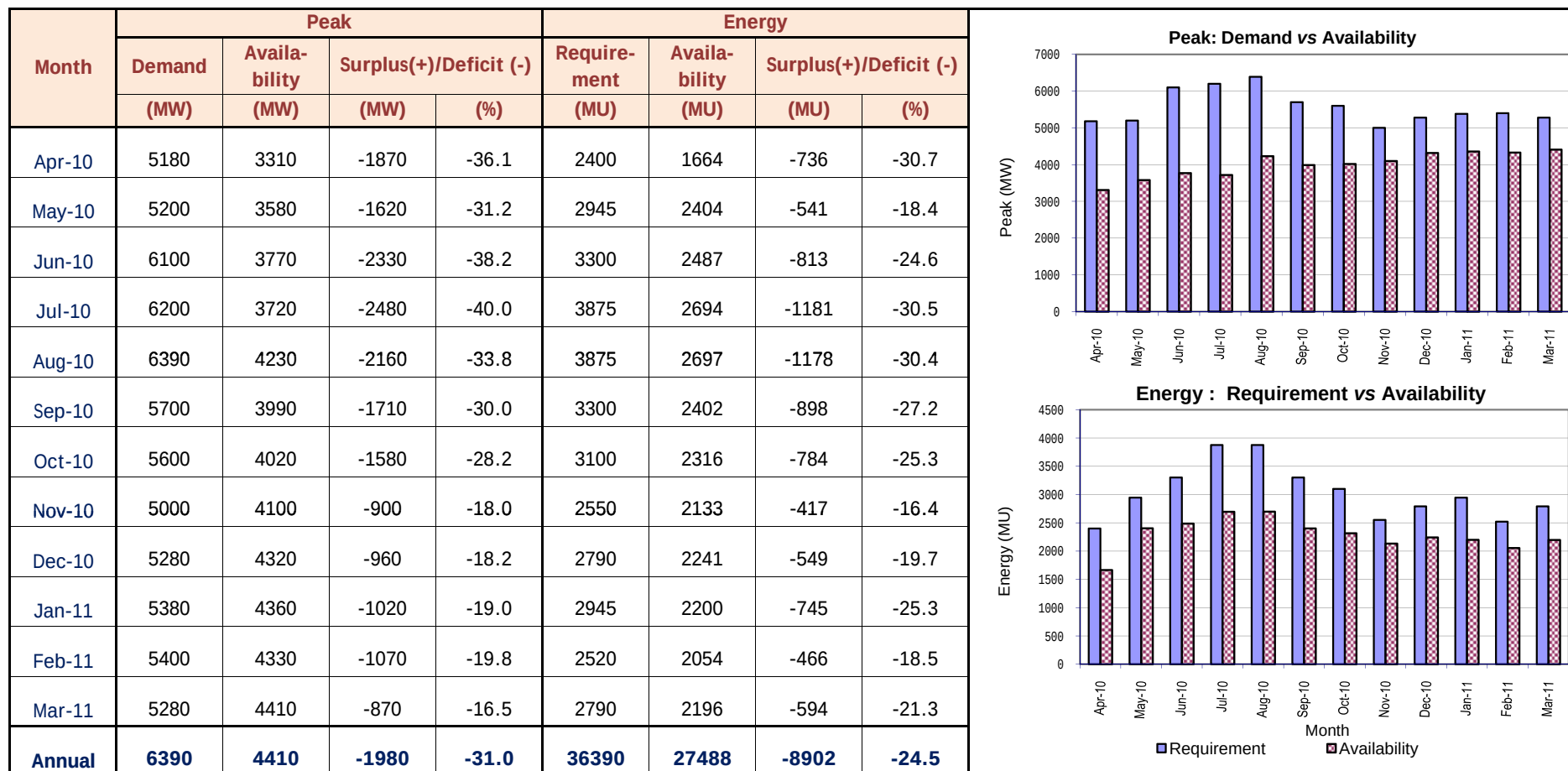
Delhi

Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	3950	3790	-160	-4.1	2100	2471	371	17.7
May-10	4500	4190	-310	-6.9	2480	2796	316	12.8
Jun-10	4850	4260	-590	-12.2	2580	2878	298	11.5
Jul-10	4750	4480	-270	-5.7	2790	3024	234	8.4
Aug-10	4800	4120	-680	-14.2	2635	2850	215	8.1
Sep-10	4250	4240	-10	-0.2	2310	2870	560	24.2
Oct-10	4150	4290	140	3.4	2015	2801	786	39.0
Nov-10	3100	4080	980	31.6	1560	2629	1069	68.5
Dec-10	3500	4340	840	24.0	1643	2938	1295	78.8
Jan-11	3850	4520	670	17.4	1860	3239	1379	74.1
Feb-11	3400	5170	1770	52.1	1484	2826	1342	90.5
Mar-11	3500	5160	1660	47.4	1705	2971	1266	74.2
Annual	4850	5170	320	6.6	25162	34293	9131	36.3



Anticipated month wise power supply position for 2010-11

Haryana



Anticipated month wise power supply position for 2010-11
Himachal Pradesh

Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	1000	1550	550	55.0	579	575	-4	-0.7
May-10	1030	1670	640	62.1	614	911	297	48.4
Jun-10	1030	1440	410	39.8	615	999	384	62.5
Jul-10	1030	1480	450	43.7	636	1127	492	77.4
Aug-10	1030	1530	500	48.5	636	1216	580	91.3
Sep-10	1030	1620	590	57.3	615	964	349	56.8
Oct-10	1050	1600	550	52.4	673	698	26	3.8
Nov-10	1100	1520	420	38.2	684	542	-142	-20.7
Dec-10	1180	1390	210	17.8	710	504	-206	-29.0
Jan-11	1150	1380	230	20.0	719	486	-233	-32.4
Feb-11	1150	1370	220	19.1	638	432	-206	-32.3
Mar-11	1100	1460	360	32.7	676	581	-95	-14.0
Annual	1180	1670	490	41.5	7794	9036	1242	15.9

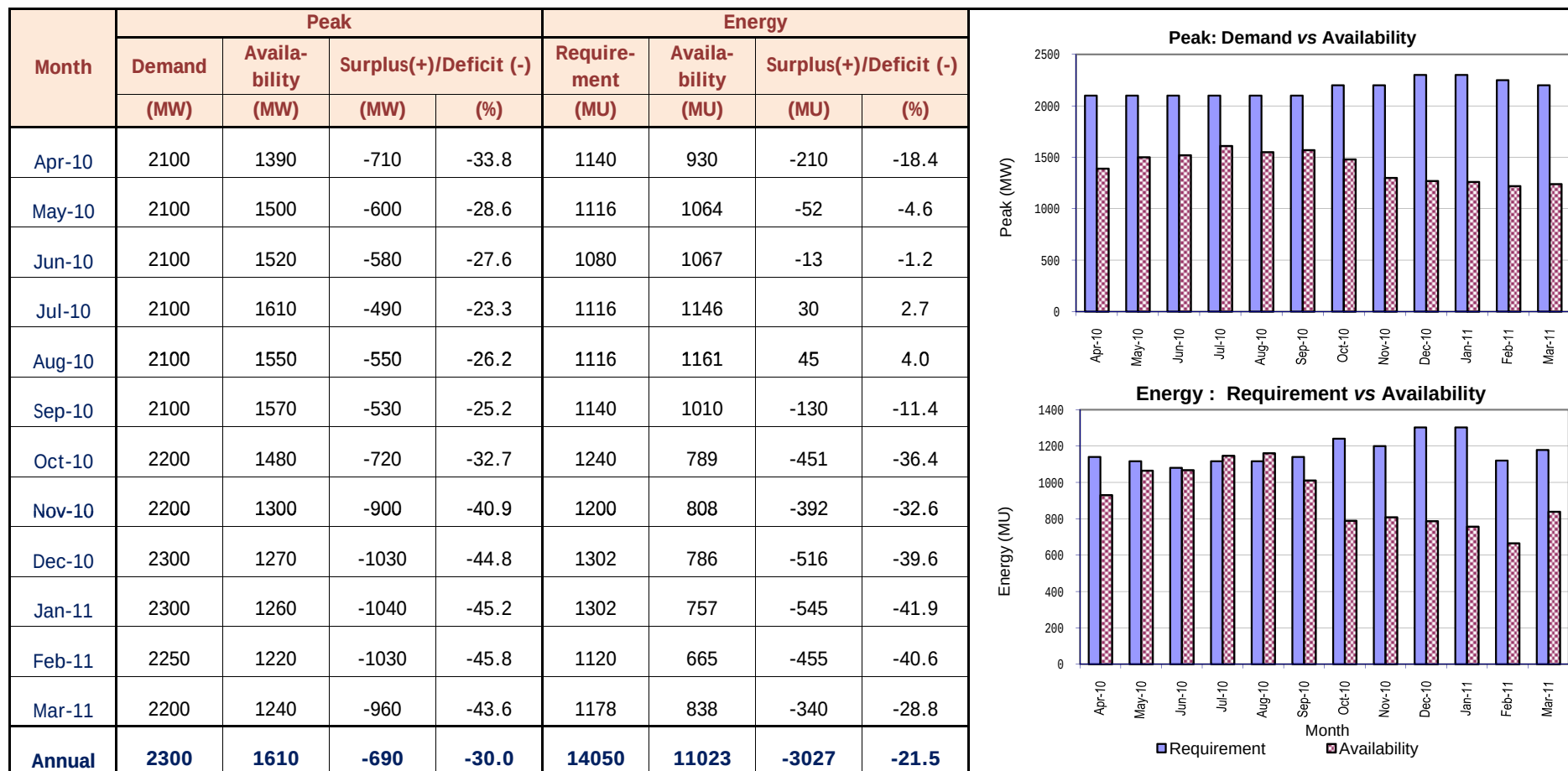
Peak: Demand vs Availability

Energy : Requirement vs Availability

■ Requirement ■ Availability

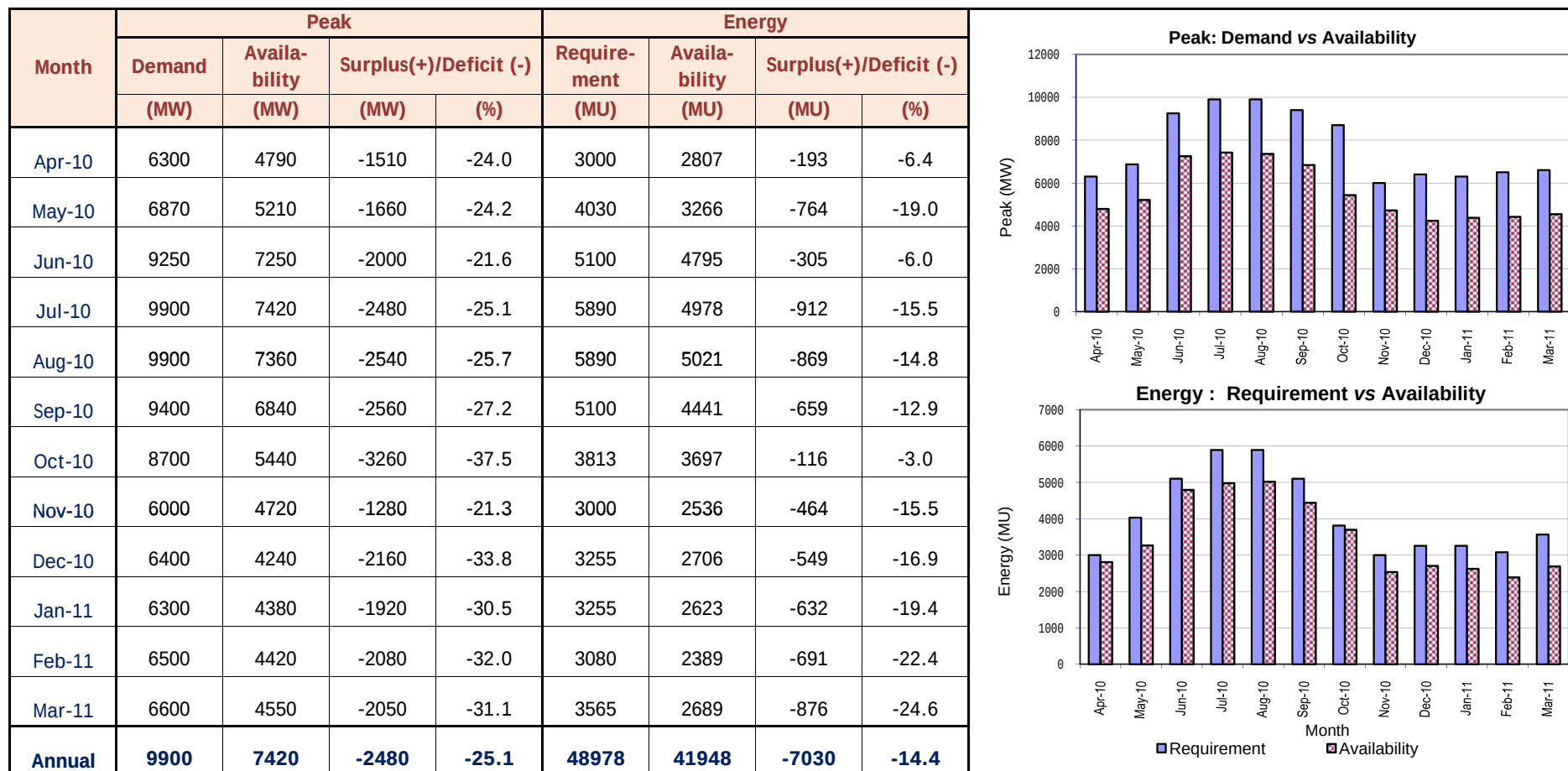
Anticipated month wise power supply position for 2010-11

Jammu & Kashmir



Anticipated month wise power supply position for 2010-11

Punjab



Anticipated month wise power supply position for 2010-11 Rajasthan

Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	5800	4840	-960	-16.6	3300	3532	232	7.0
May-10	6200	4970	-1230	-19.8	3782	3761	-21	-0.5
Jun-10	7000	4910	-2090	-29.9	3720	3723	3	0.1
Jul-10	7100	5110	-1990	-28.0	3565	3782	217	6.1
Aug-10	7000	5470	-1530	-21.9	3813	3735	-78	-2.0
Sep-10	6600	5690	-910	-13.8	3690	3761	71	1.9
Oct-10	6800	5990	-810	-11.9	4092	3911	-181	-4.4
Nov-10	6800	5910	-890	-13.1	4020	3674	-346	-8.6
Dec-10	7200	6270	-930	-12.9	4495	4144	-351	-7.8
Jan-11	7200	6440	-760	-10.6	4402	4172	-230	-5.2
Feb-11	7000	6170	-830	-11.9	3920	3800	-120	-3.1
Mar-11	6600	6280	-320	-4.8	3813	4228	415	10.9
Annual	7200	6440	-760	-10.6	46612	46224	-388	-0.8

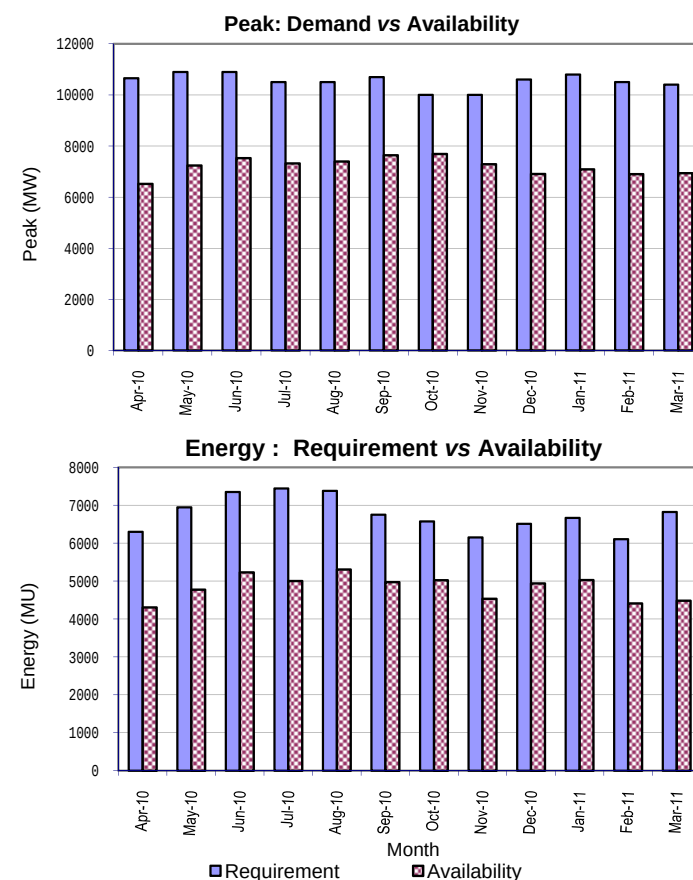
Peak: Demand vs Availability

Energy : Requirement vs Availability

Anticipated month wise power supply position for 2010-11

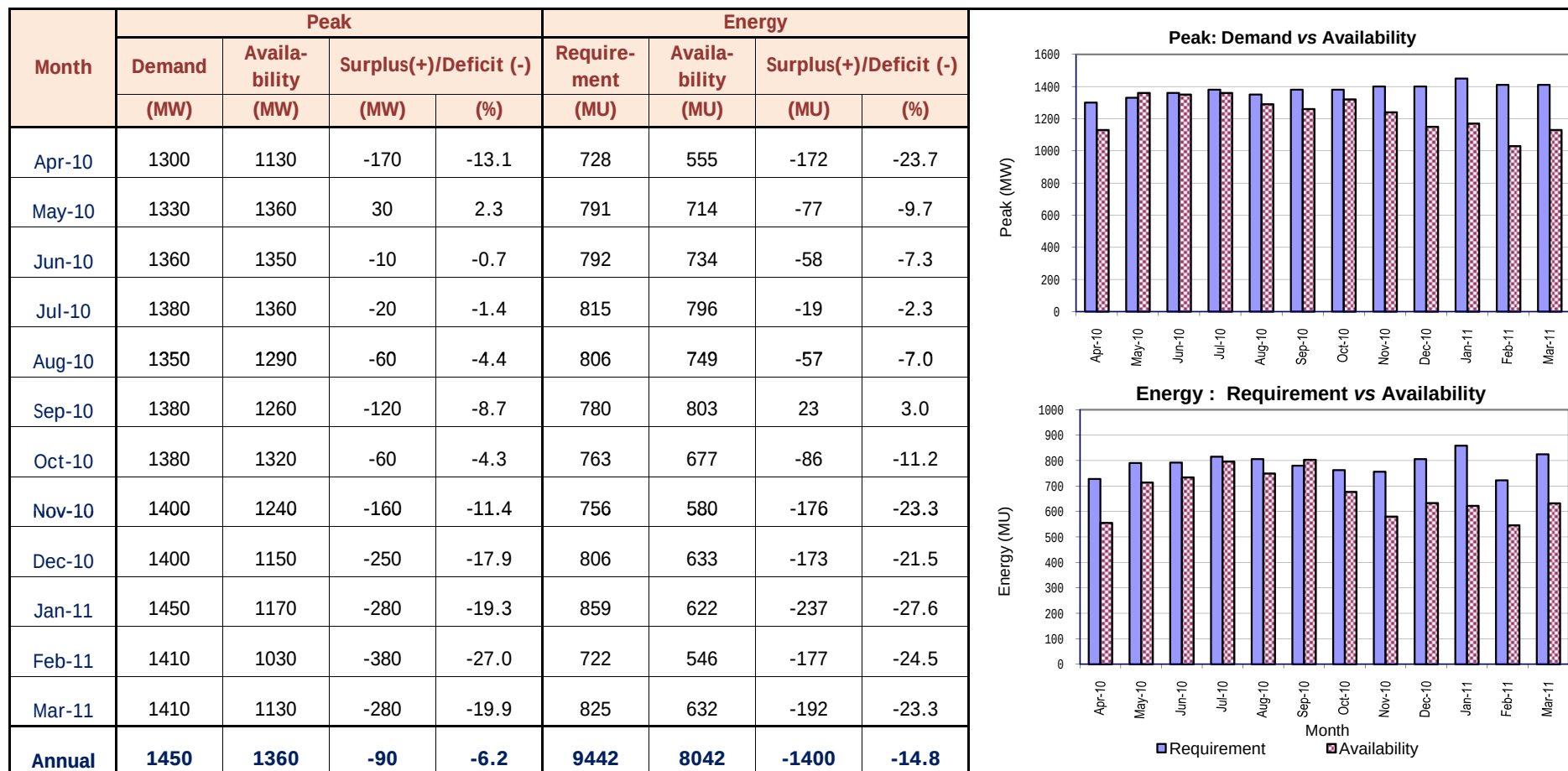
Uttar Pradesh

Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	10650	6520	-4130	-38.8	6300	4306	-1994	-31.7
May-10	10900	7240	-3660	-33.6	6944	4774	-2170	-31.3
Jun-10	10900	7530	-3370	-30.9	7350	5230	-2120	-28.9
Jul-10	10500	7320	-3180	-30.3	7440	5002	-2438	-32.8
Aug-10	10500	7400	-3100	-29.5	7378	5307	-2071	-28.1
Sep-10	10700	7640	-3060	-28.6	6750	4972	-1778	-26.3
Oct-10	10000	7690	-2310	-23.1	6572	5025	-1547	-23.5
Nov-10	10000	7290	-2710	-27.1	6150	4534	-1616	-26.3
Dec-10	10600	6910	-3690	-34.8	6510	4940	-1570	-24.1
Jan-11	10800	7090	-3710	-34.4	6665	5029	-1636	-24.5
Feb-11	10500	6900	-3600	-34.3	6104	4413	-1691	-27.7
Mar-11	10400	6940	-3460	-33.3	6820	4484	-2336	-34.2
Annual	10900	7690	-3210	-29.4	80983	58016	-22967	-28.4



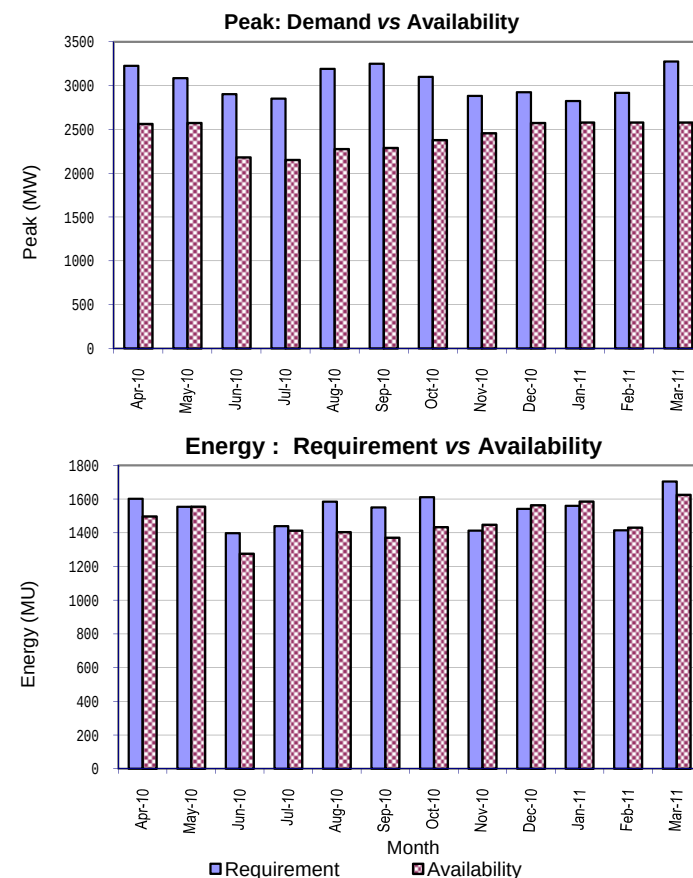
Anticipated month wise power supply position for 2010-11

Uttarakhand



Anticipated month wise power supply position for 2010-11
Chhattisgarh

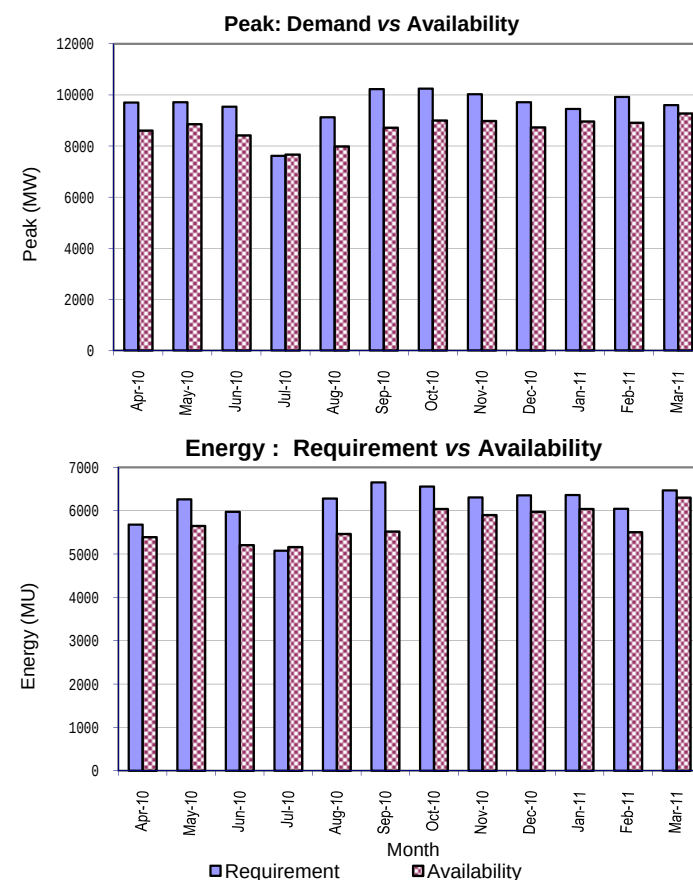
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	3225	2562	-663	-20.6	1601	1497	-104	-6.5
May-10	3086	2573	-513	-16.6	1554	1555	1	0.0
Jun-10	2902	2180	-722	-24.9	1397	1276	-121	-8.7
Jul-10	2852	2151	-701	-24.6	1439	1412	-27	-1.9
Aug-10	3191	2276	-915	-28.7	1584	1403	-181	-11.4
Sep-10	3249	2288	-961	-29.6	1550	1370	-180	-11.6
Oct-10	3099	2378	-721	-23.3	1611	1433	-178	-11.0
Nov-10	2883	2457	-426	-14.8	1412	1448	36	2.5
Dec-10	2924	2573	-351	-12.0	1542	1563	21	1.4
Jan-11	2824	2579	-245	-8.7	1560	1585	25	1.6
Feb-11	2918	2579	-339	-11.6	1414	1431	17	1.2
Mar-11	3275	2579	-696	-21.2	1704	1625	-79	-4.6
Annual	3275	2579	-696	-21.2	18368	17597	-771	-4.2



Anticipated month wise power supply position for 2010-11

Gujarat

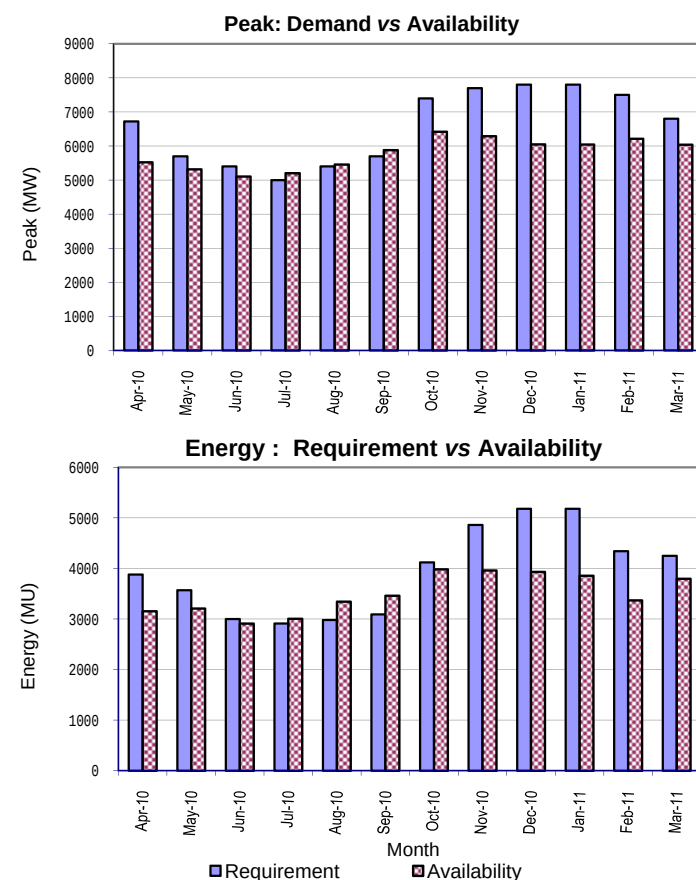
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	9703	8608	-1095	-11.3	5677	5388	-289	-5.1
May-10	9715	8854	-861	-8.9	6261	5649	-612	-9.8
Jun-10	9538	8419	-1119	-11.7	5972	5204	-768	-12.9
Jul-10	7615	7664	49	0.6	5074	5159	85	1.7
Aug-10	9123	7984	-1139	-12.5	6279	5463	-816	-13.0
Sep-10	10229	8718	-1511	-14.8	6653	5518	-1135	-17.1
Oct-10	10246	8998	-1248	-12.2	6555	6040	-515	-7.9
Nov-10	10024	8984	-1040	-10.4	6306	5900	-406	-6.4
Dec-10	9715	8733	-982	-10.1	6354	5971	-383	-6.0
Jan-11	9451	8962	-489	-5.2	6360	6040	-320	-5.0
Feb-11	9921	8914	-1007	-10.1	6042	5503	-539	-8.9
Mar-11	9602	9277	-325	-3.4	6466	6302	-164	-2.5
Annual	10246	9277	-969	-9.5	73999	68138	-5861	-7.9



Anticipated month wise power supply position for 2010-11

Madhya Pradesh

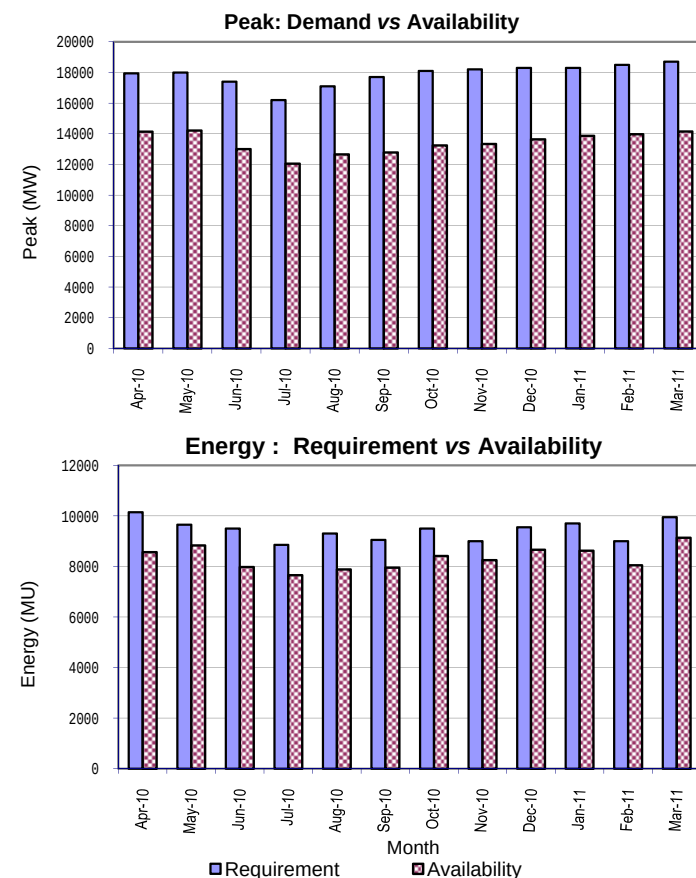
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	6722	5525	-1197	-17.8	3878	3153	-725	-18.7
May-10	5700	5316	-384	-6.7	3570	3208	-362	-10.1
Jun-10	5400	5106	-294	-5.4	3000	2909	-91	-3.0
Jul-10	5000	5205	205	4.1	2910	3006	96	3.3
Aug-10	5400	5457	57	1.1	2980	3343	363	12.2
Sep-10	5700	5880	180	3.2	3090	3462	372	12.0
Oct-10	7400	6420	-980	-13.2	4120	3982	-138	-3.3
Nov-10	7700	6289	-1411	-18.3	4860	3962	-898	-18.5
Dec-10	7800	6051	-1749	-22.4	5180	3934	-1246	-24.1
Jan-11	7800	6046	-1754	-22.5	5180	3858	-1322	-25.5
Feb-11	7500	6214	-1286	-17.2	4340	3368	-972	-22.4
Mar-11	6800	6043	-757	-11.1	4250	3795	-455	-10.7
Annual	7800	6420	-1380	-17.7	47358	41978	-5380	-11.4



Anticipated month wise power supply position for 2010-11

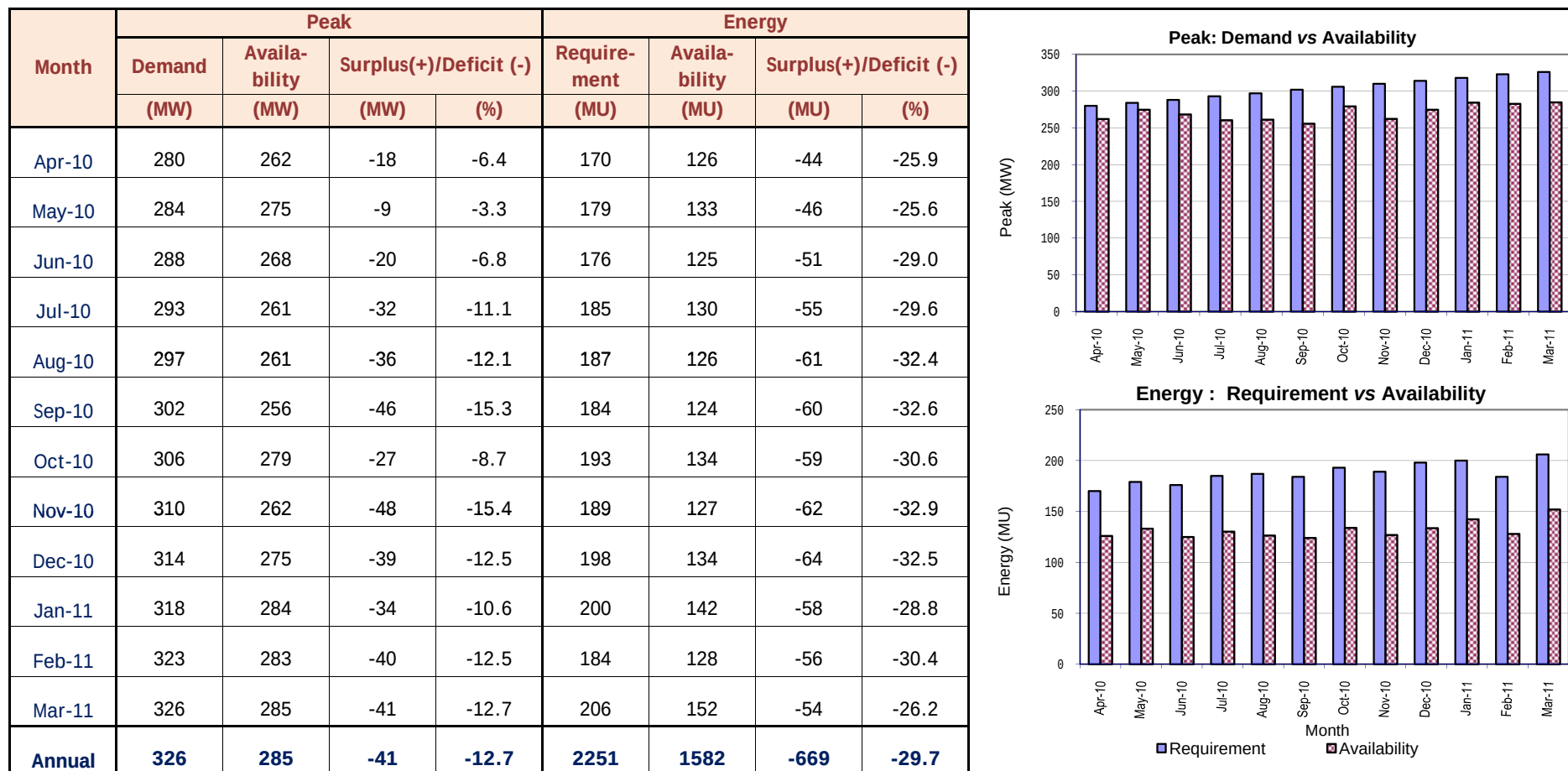
Maharashtra

Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	17943	14141	-3802	-21.2	10141	8565	-1576	-15.5
May-10	18000	14219	-3781	-21.0	9650	8835	-815	-8.4
Jun-10	17400	13001	-4399	-25.3	9500	7979	-1521	-16.0
Jul-10	16200	12056	-4144	-25.6	8850	7655	-1195	-13.5
Aug-10	17100	12663	-4437	-25.9	9300	7883	-1417	-15.2
Sep-10	17700	12792	-4908	-27.7	9050	7951	-1099	-12.1
Oct-10	18100	13246	-4854	-26.8	9500	8415	-1085	-11.4
Nov-10	18200	13340	-4860	-26.7	9000	8253	-747	-8.3
Dec-10	18300	13645	-4655	-25.4	9550	8664	-886	-9.3
Jan-11	18300	13873	-4427	-24.2	9700	8622	-1078	-11.1
Feb-11	18500	13974	-4526	-24.5	9000	8050	-950	-10.6
Mar-11	18700	14159	-4541	-24.3	9950	9134	-816	-8.2
Annual	18700	14219	-4481	-24.0	113191	100007	-13184	-11.6



Anticipated month wise power supply position for 2010-11

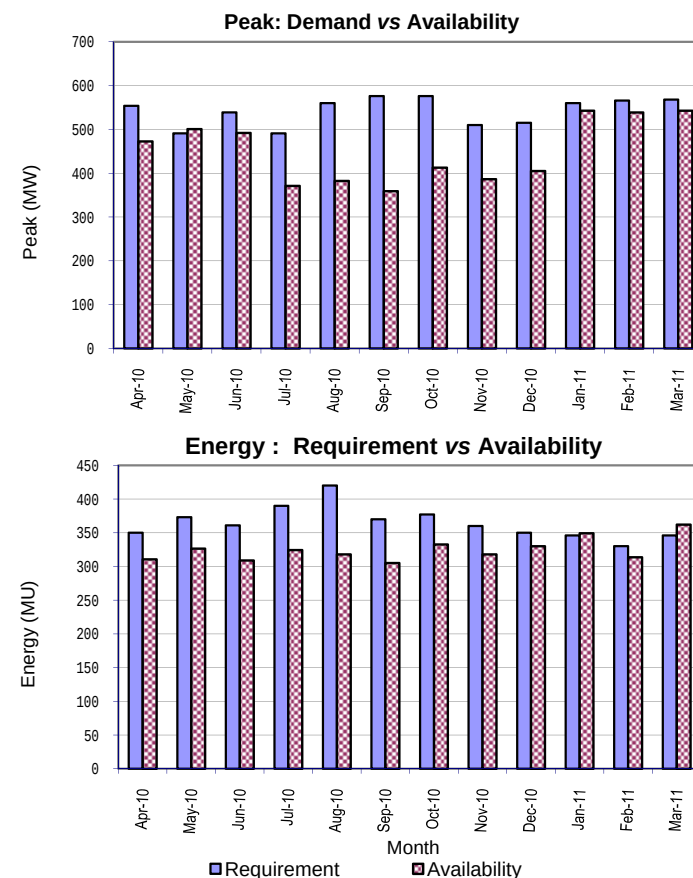
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Anticipated month wise power supply position for 2010-11

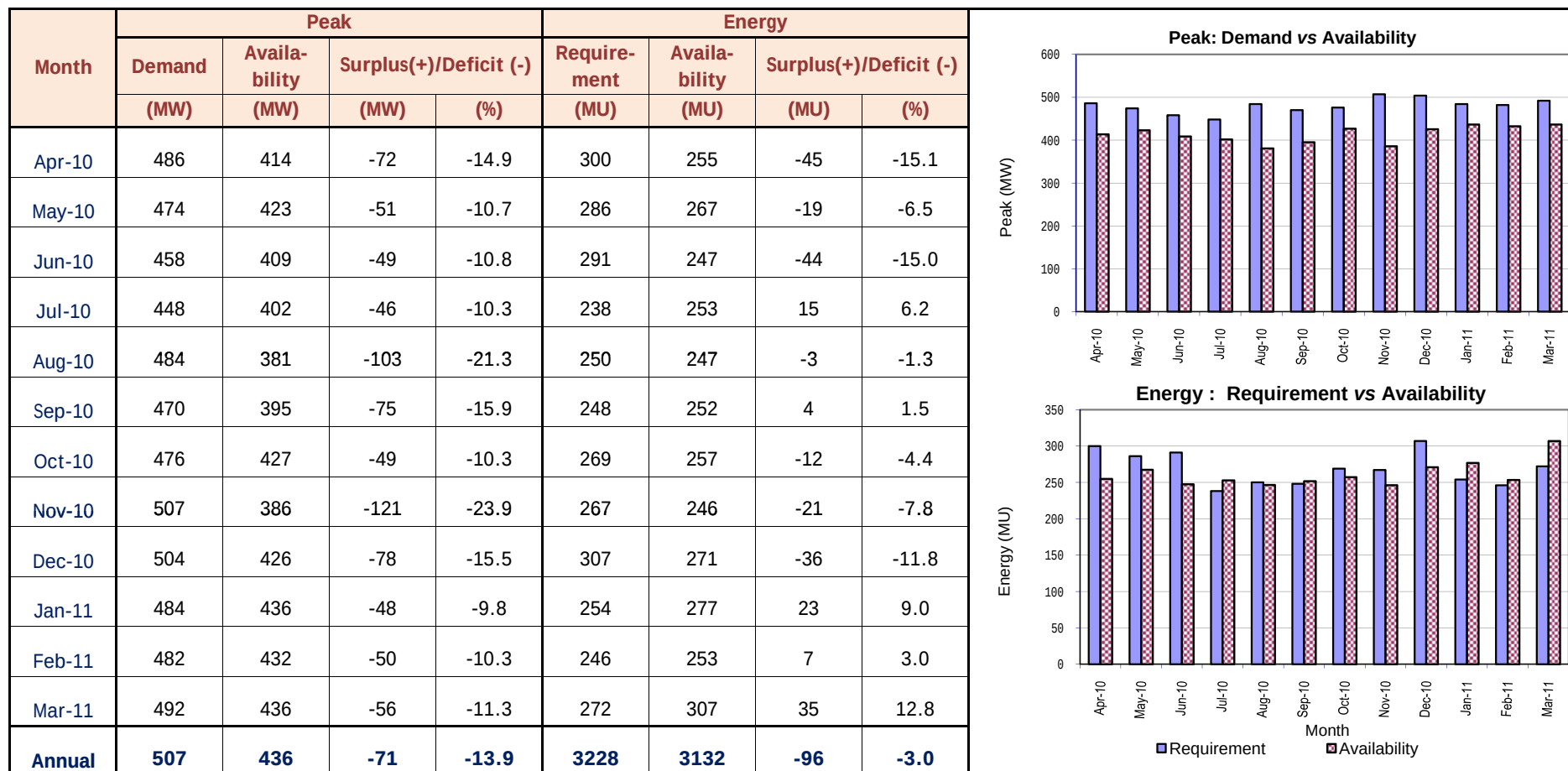
D.N.Haveli

Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	554	473	-81	-14.7	350	311	-39	-11.3
May-10	491	501	10	2.0	373	327	-46	-12.5
Jun-10	539	492	-47	-8.7	361	309	-52	-14.4
Jul-10	491	371	-120	-24.4	390	324	-66	-16.8
Aug-10	560	383	-177	-31.7	420	318	-102	-24.3
Sep-10	576	359	-217	-37.6	370	305	-65	-17.5
Oct-10	576	413	-163	-28.3	377	333	-44	-11.8
Nov-10	510	386	-124	-24.2	360	318	-42	-11.7
Dec-10	515	405	-110	-21.3	350	330	-20	-5.7
Jan-11	560	543	-17	-3.0	346	349	3	0.9
Feb-11	566	539	-27	-4.8	330	314	-16	-4.9
Mar-11	568	543	-25	-4.4	346	362	16	4.6
Annual	576	543	-33	-5.7	4373	3899	-474	-10.8



Anticipated month wise power supply position for 2010-11

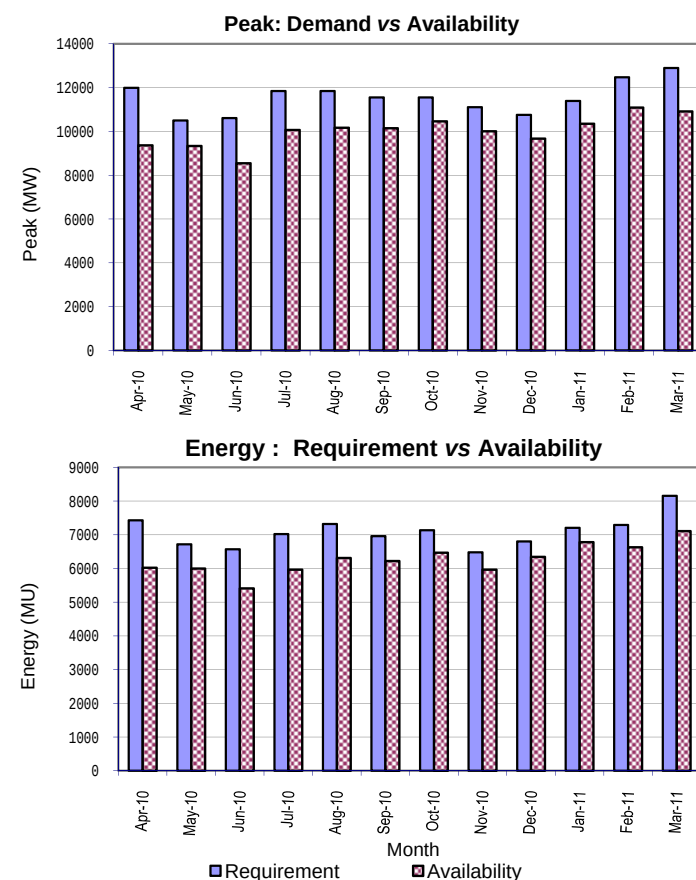
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Anticipated month wise power supply position for 2010-11

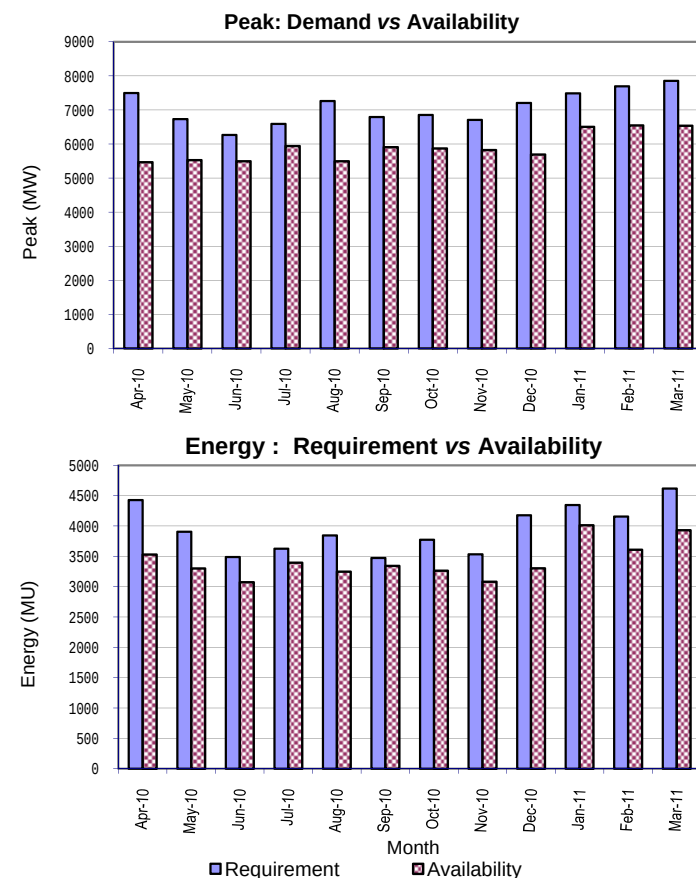
Andhra Pradesh

Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	11993	9365	-2628	-21.9	7426	6023	-1403	-18.9
May-10	10498	9339	-1159	-11.0	6717	5998	-719	-10.7
Jun-10	10611	8551	-2060	-19.4	6570	5412	-1158	-17.6
Jul-10	11843	10069	-1774	-15.0	7020	5964	-1056	-15.0
Aug-10	11843	10168	-1675	-14.1	7320	6312	-1008	-13.8
Sep-10	11553	10150	-1403	-12.1	6959	6221	-738	-10.6
Oct-10	11549	10463	-1086	-9.4	7132	6467	-665	-9.3
Nov-10	11108	10012	-1096	-9.9	6478	5964	-514	-7.9
Dec-10	10757	9674	-1083	-10.1	6803	6346	-457	-6.7
Jan-11	11390	10356	-1034	-9.1	7203	6782	-421	-5.8
Feb-11	12469	11093	-1376	-11.0	7290	6630	-660	-9.1
Mar-11	12894	10915	-1979	-15.3	8154	7109	-1045	-12.8
Annual	12894	11093	-1801	-14.0	85072	75227	-9845	-11.6



Anticipated month wise power supply position for 2010-11 Karnataka

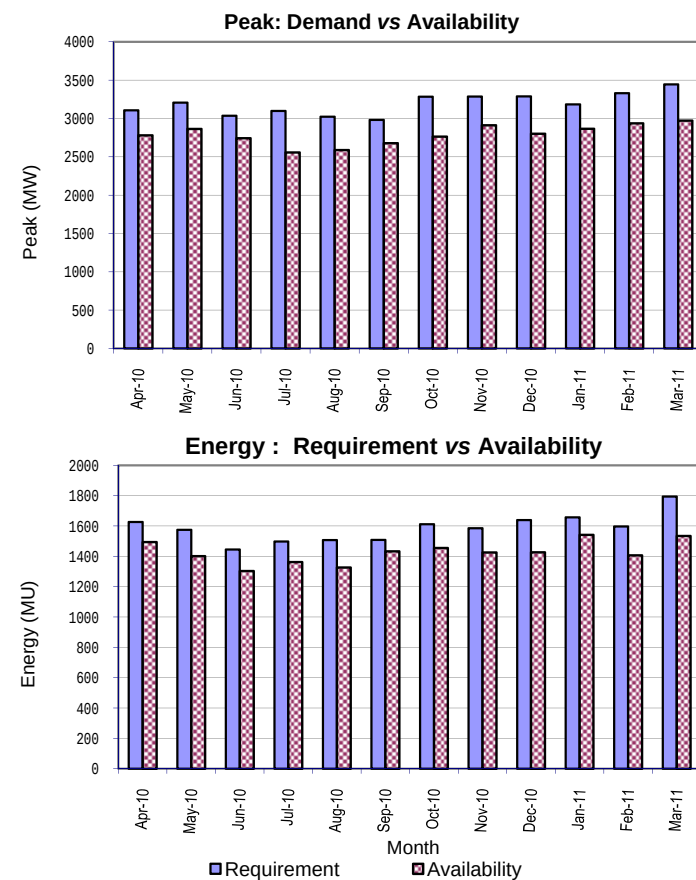
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	7496	5467	-2029	-27.1	4426	3531	-895	-20.2
May-10	6731	5529	-1202	-17.9	3906	3301	-605	-15.5
Jun-10	6266	5495	-771	-12.3	3489	3074	-415	-11.9
Jul-10	6590	5944	-646	-9.8	3626	3395	-231	-6.4
Aug-10	7261	5496	-1765	-24.3	3844	3247	-597	-15.5
Sep-10	6794	5910	-884	-13.0	3473	3342	-131	-3.8
Oct-10	6855	5870	-985	-14.4	3774	3263	-511	-13.5
Nov-10	6707	5827	-880	-13.1	3533	3082	-451	-12.8
Dec-10	7205	5691	-1514	-21.0	4177	3302	-875	-20.9
Jan-11	7488	6505	-983	-13.1	4346	4013	-333	-7.7
Feb-11	7693	6546	-1147	-14.9	4156	3609	-547	-13.2
Mar-11	7855	6540	-1315	-16.7	4617	3931	-686	-14.9
Annual	7855	6546	-1309	-16.7	47367	41090	-6277	-13.3



Anticipated month wise power supply position for 2010-11

Kerala

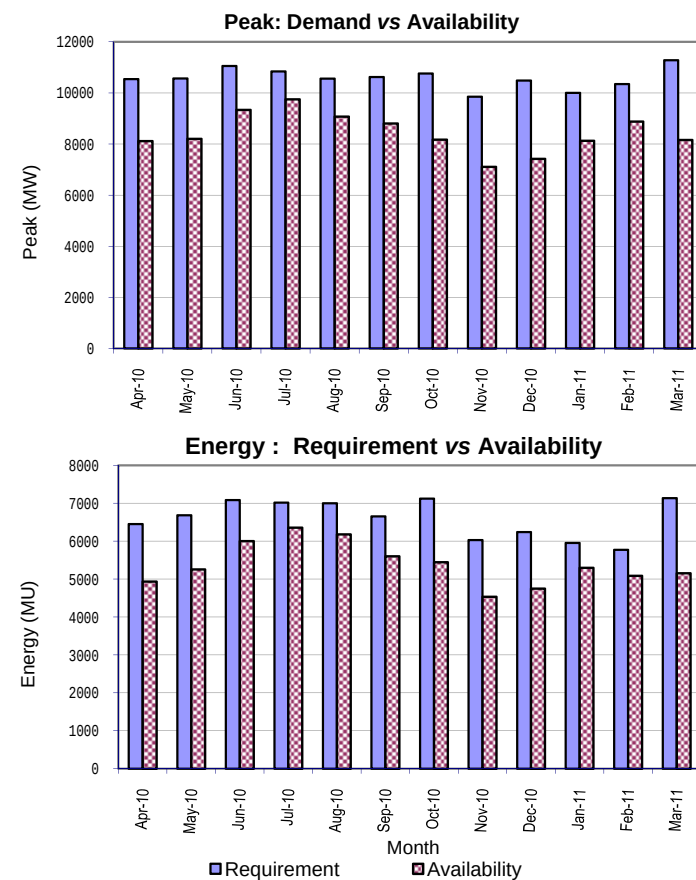
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	3106	2781	-325	-10.5	1626	1494	-132	-8.1
May-10	3207	2865	-342	-10.7	1575	1402	-173	-11.0
Jun-10	3035	2744	-292	-9.6	1445	1303	-142	-9.8
Jul-10	3098	2558	-540	-17.4	1498	1363	-135	-9.0
Aug-10	3023	2588	-435	-14.4	1507	1327	-180	-12.0
Sep-10	2981	2679	-302	-10.1	1508	1433	-75	-5.0
Oct-10	3283	2764	-519	-15.8	1612	1456	-156	-9.7
Nov-10	3285	2912	-373	-11.4	1585	1426	-159	-10.1
Dec-10	3289	2802	-487	-14.8	1639	1427	-212	-12.9
Jan-11	3183	2866	-317	-10.0	1657	1542	-115	-7.0
Feb-11	3330	2938	-392	-11.8	1597	1406	-191	-11.9
Mar-11	3445	2973	-472	-13.7	1794	1534	-260	-14.5
Annual	3445	2973	-472	-13.7	19043	17111	-1932	-10.1



Anticipated month wise power supply position for 2010-11

Tamil Nadu

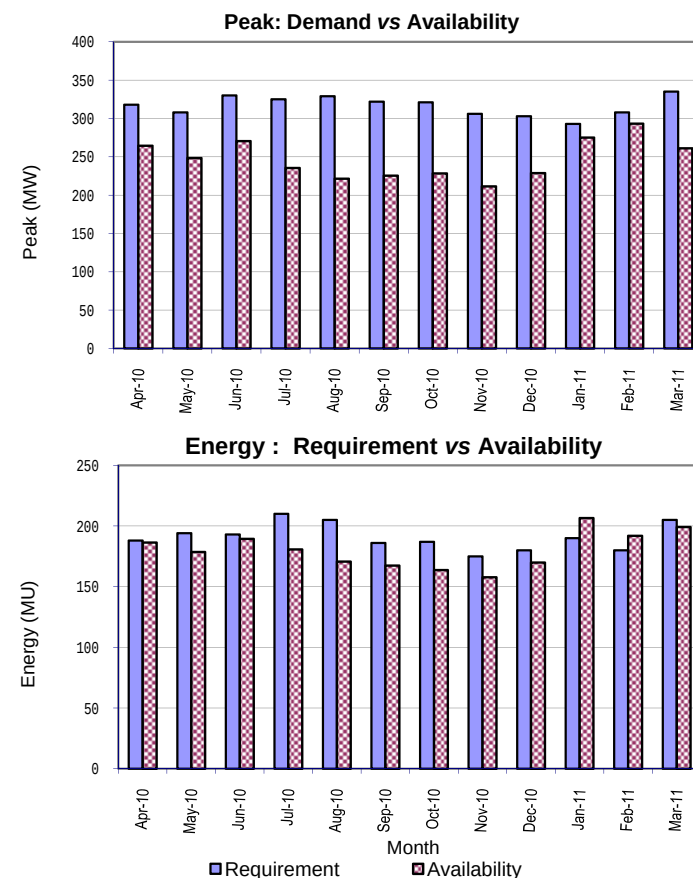
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	10538	8116	-2422	-23.0	6449	4935	-1514	-23.5
May-10	10566	8206	-2360	-22.3	6682	5254	-1428	-21.4
Jun-10	11054	9337	-1717	-15.5	7084	6004	-1080	-15.2
Jul-10	10839	9751	-1088	-10.0	7016	6358	-658	-9.4
Aug-10	10559	9075	-1484	-14.1	7000	6178	-822	-11.7
Sep-10	10623	8807	-1816	-17.1	6654	5604	-1050	-15.8
Oct-10	10757	8171	-2586	-24.0	7123	5446	-1677	-23.5
Nov-10	9849	7111	-2738	-27.8	6027	4534	-1493	-24.8
Dec-10	10483	7422	-3061	-29.2	6239	4750	-1489	-23.9
Jan-11	10000	8132	-1868	-18.7	5952	5297	-655	-11.0
Feb-11	10347	8878	-1469	-14.2	5771	5087	-684	-11.9
Mar-11	11282	8162	-3120	-27.7	7135	5155	-1980	-27.8
Annual	11282	9751	-1531	-13.6	79132	64601	-14531	-18.4



Anticipated month wise power supply position for 2010-11

Puducherry

Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	318	265	-54	-16.8	188	186	-2	-0.8
May-10	308	249	-60	-19.3	194	179	-15	-7.9
Jun-10	330	271	-60	-18.0	193	189	-4	-1.9
Jul-10	325	236	-90	-27.5	210	181	-29	-14.0
Aug-10	329	222	-108	-32.7	205	171	-34	-16.7
Sep-10	322	226	-97	-30.0	186	167	-19	-10.0
Oct-10	321	229	-93	-28.8	187	164	-23	-12.5
Nov-10	306	212	-94	-30.9	175	158	-17	-9.8
Dec-10	303	229	-74	-24.5	180	170	-10	-5.6
Jan-11	293	275	-18	-6.1	190	207	17	8.7
Feb-11	308	293	-15	-4.8	180	192	12	6.6
Mar-11	335	261	-74	-22.0	205	199	-6	-2.9
Annual	335	293	-42	-12.5	2293	2162	-131	-5.7



Anticipated month wise power supply position for 2010-11

Bihar

Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	1885	1239	-647	-34.3	1040	807	-232	-22.3
May-10	1900	1346	-554	-29.2	1080	905	-176	-16.3
Jun-10	1950	1371	-580	-29.7	1080	911	-168	-15.6
Jul-10	2000	1556	-444	-22.2	1060	1071	10	1.0
Aug-10	1945	1562	-383	-19.7	1100	1078	-22	-2.0
Sep-10	1960	1631	-329	-16.8	1060	1051	-10	-0.9
Oct-10	2060	1452	-607	-29.5	1160	974	-185	-16.0
Nov-10	1900	1324	-576	-30.3	1060	840	-220	-20.8
Dec-10	1900	1316	-584	-30.7	1115	868	-247	-22.2
Jan-11	2150	1284	-866	-40.3	1100	858	-242	-22.0
Feb-11	2050	1273	-777	-37.9	1000	775	-224	-22.4
Mar-11	2250	1278	-973	-43.2	1180	846	-334	-28.3
Annual	2250	1631	-619	-27.5	13035	10984	-2051	-15.7

Peak: Demand vs Availability

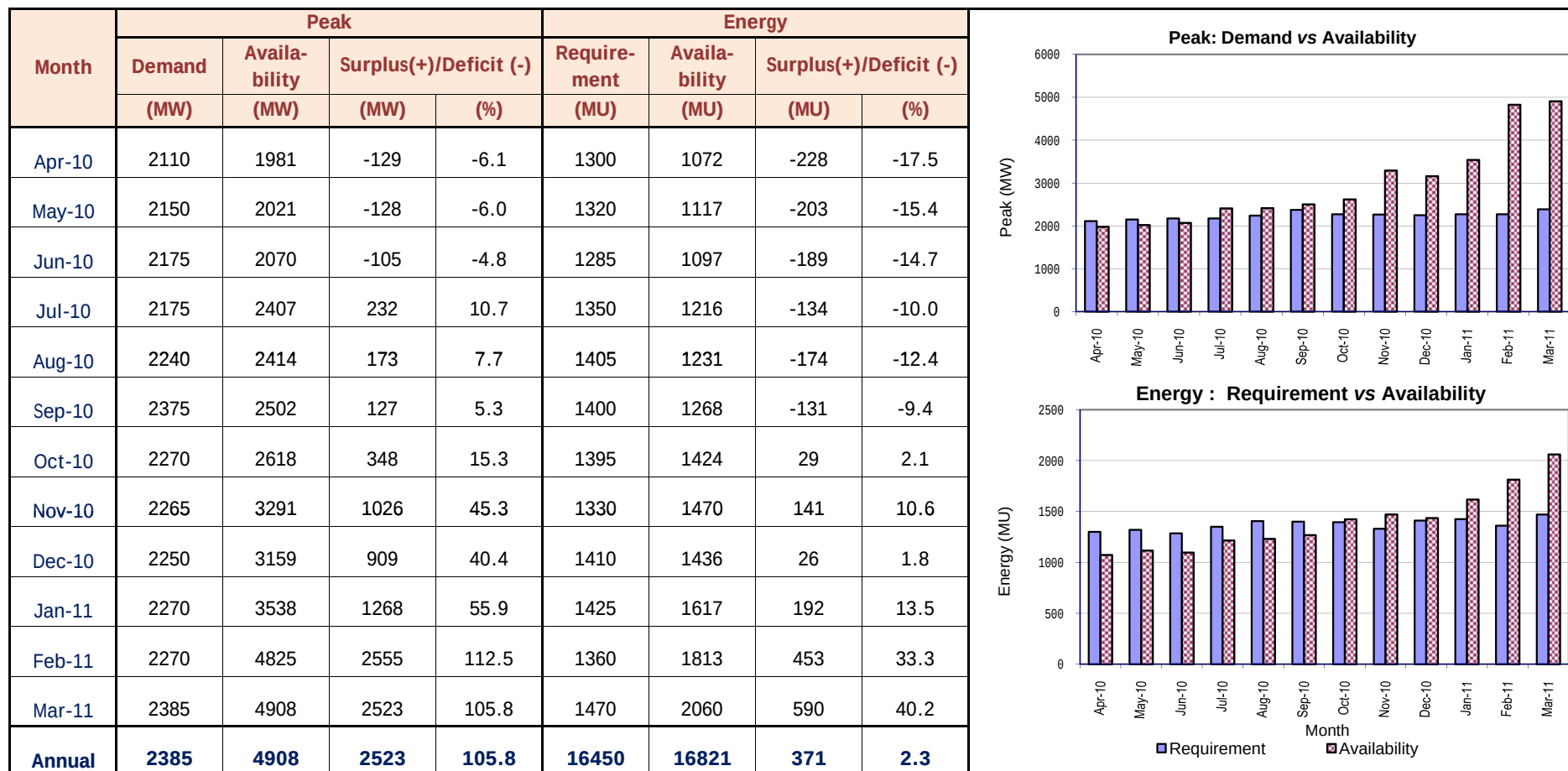
Energy : Requirement vs Availability

Month

■ Requirement ■ Availability

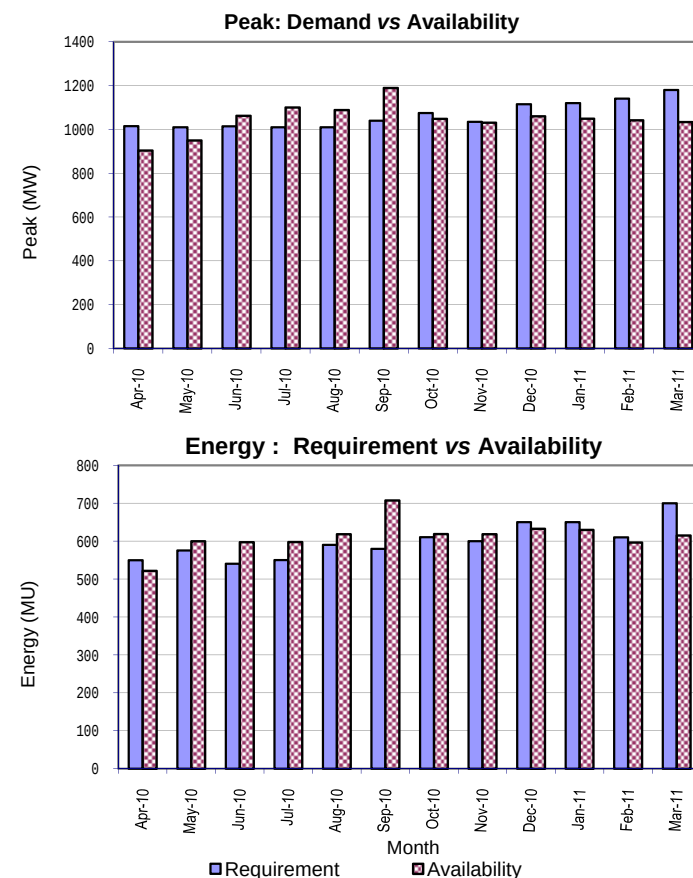
Anticipated month wise power supply position for 2010-11

DVC



Anticipated month wise power supply position for 2010-11
Jharkhand

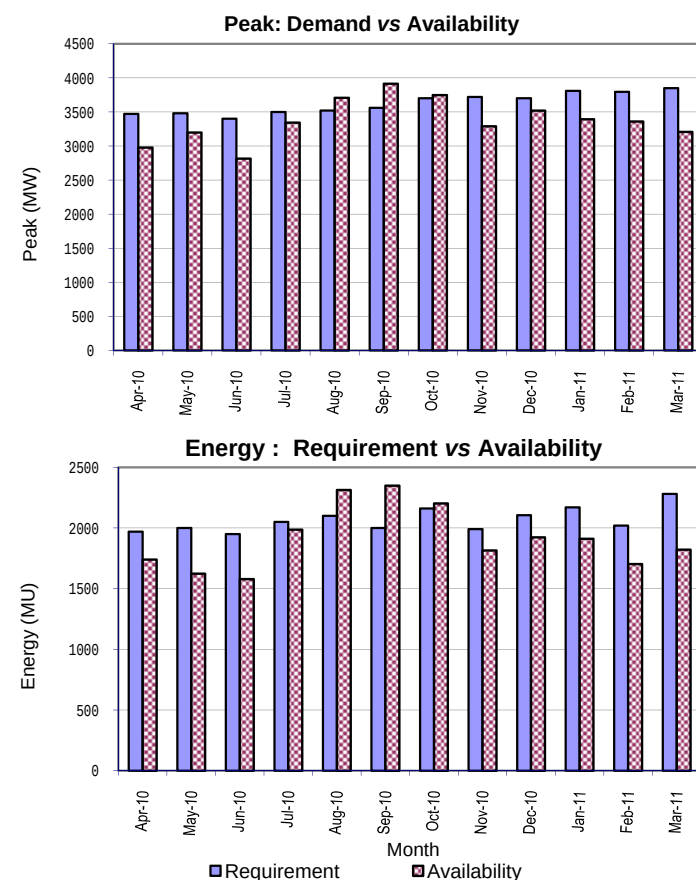
Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	1015	904	-112	-11.0	550	522	-28	-5.1
May-10	1010	950	-60	-5.9	575	600	25	4.3
Jun-10	1015	1062	48	4.7	540	597	57	10.5
Jul-10	1010	1101	91	9.0	550	598	48	8.7
Aug-10	1010	1089	79	7.9	590	618	28	4.7
Sep-10	1040	1189	149	14.3	580	707	128	22.0
Oct-10	1075	1049	-26	-2.4	610	619	9	1.4
Nov-10	1035	1031	-4	-0.4	600	618	19	3.1
Dec-10	1115	1060	-55	-4.9	650	633	-17	-2.7
Jan-11	1120	1049	-71	-6.3	650	630	-20	-3.1
Feb-11	1140	1042	-98	-8.6	610	596	-14	-2.3
Mar-11	1180	1034	-146	-12.4	700	615	-85	-12.1
Annual	1180	1189	9	0.8	7205	7354	148	2.1



Anticipated month wise power supply position for 2010-11

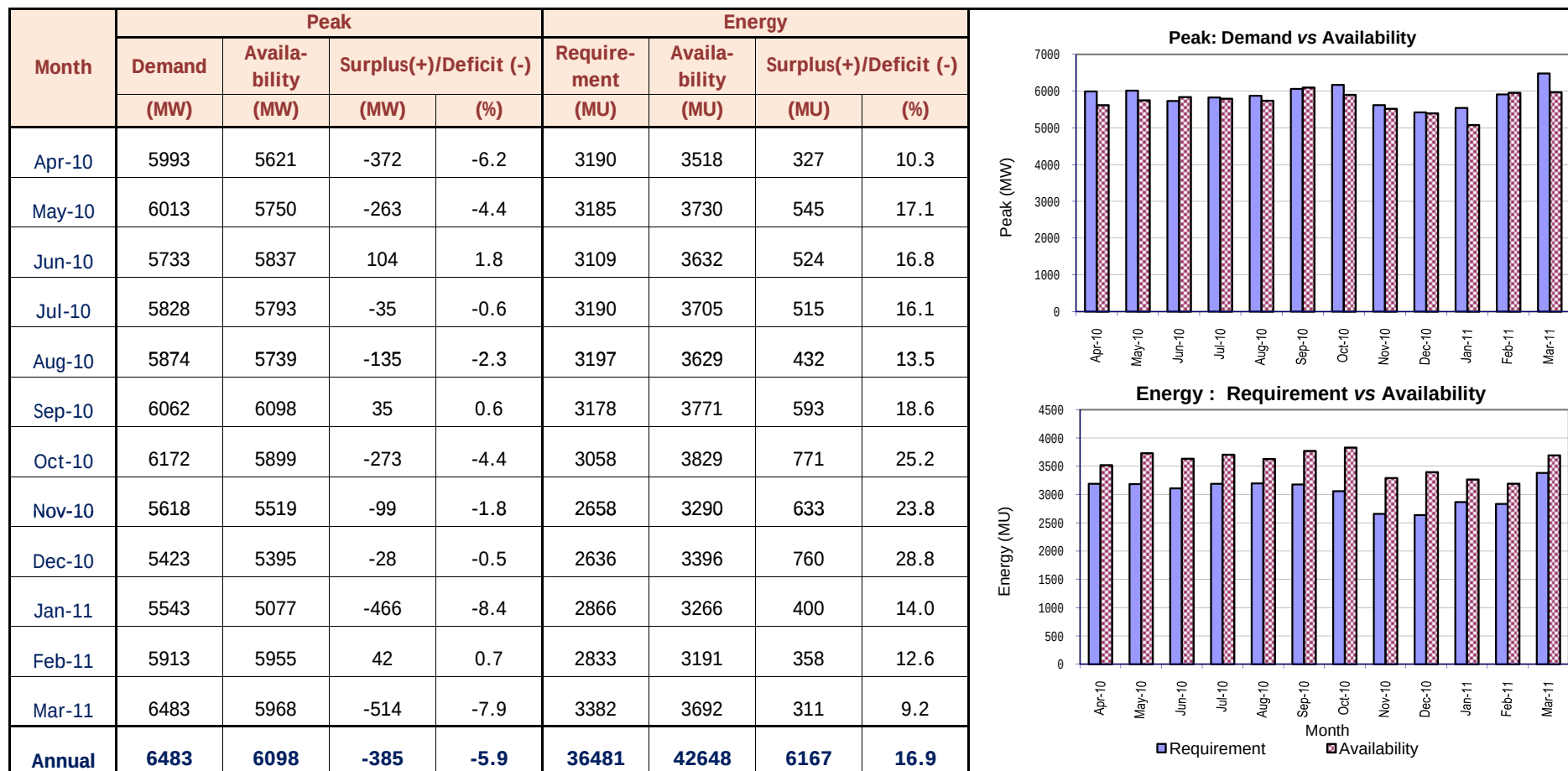
Orissa

Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	3470	2978	-493	-14.2	1970	1740	-230	-11.7
May-10	3480	3199	-281	-8.1	2000	1624	-375	-18.8
Jun-10	3400	2816	-584	-17.2	1950	1579	-371	-19.0
Jul-10	3500	3345	-155	-4.4	2050	1987	-63	-3.1
Aug-10	3520	3709	189	5.4	2100	2314	214	10.2
Sep-10	3560	3916	356	10.0	2000	2349	350	17.5
Oct-10	3700	3749	49	1.3	2160	2202	42	2.0
Nov-10	3720	3290	-431	-11.6	1990	1815	-175	-8.8
Dec-10	3700	3521	-179	-4.8	2105	1924	-181	-8.6
Jan-11	3810	3395	-415	-10.9	2170	1911	-260	-12.0
Feb-11	3795	3360	-435	-11.5	2020	1704	-316	-15.7
Mar-11	3850	3209	-640	-16.6	2280	1821	-459	-20.1
Annual	3850	3916	66	1.7	24794	22970	-1824	-7.4



Anticipated month wise power supply position for 2010-11

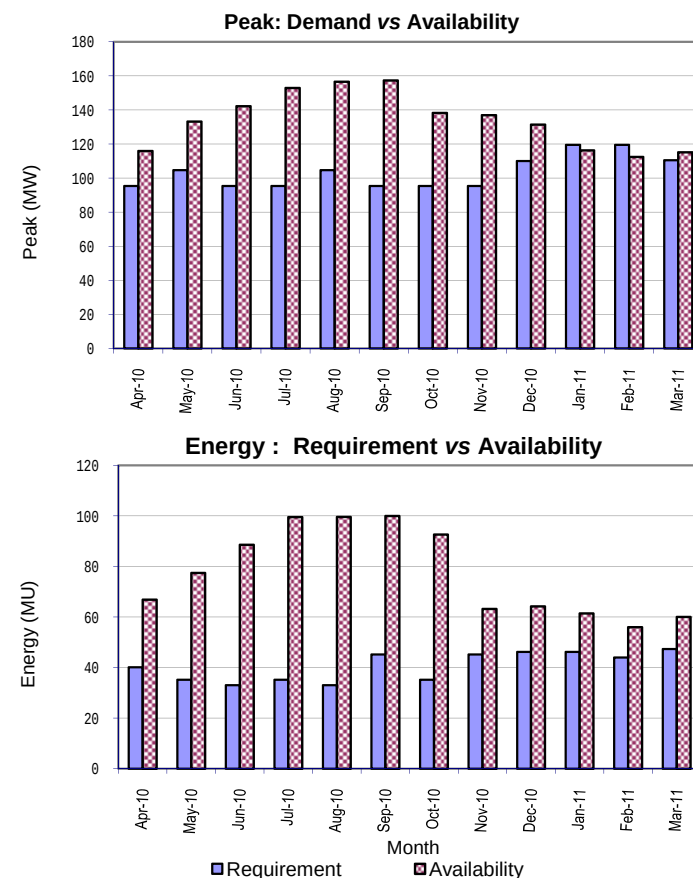
West Bengal



Anticipated month wise power supply position for 2010-11

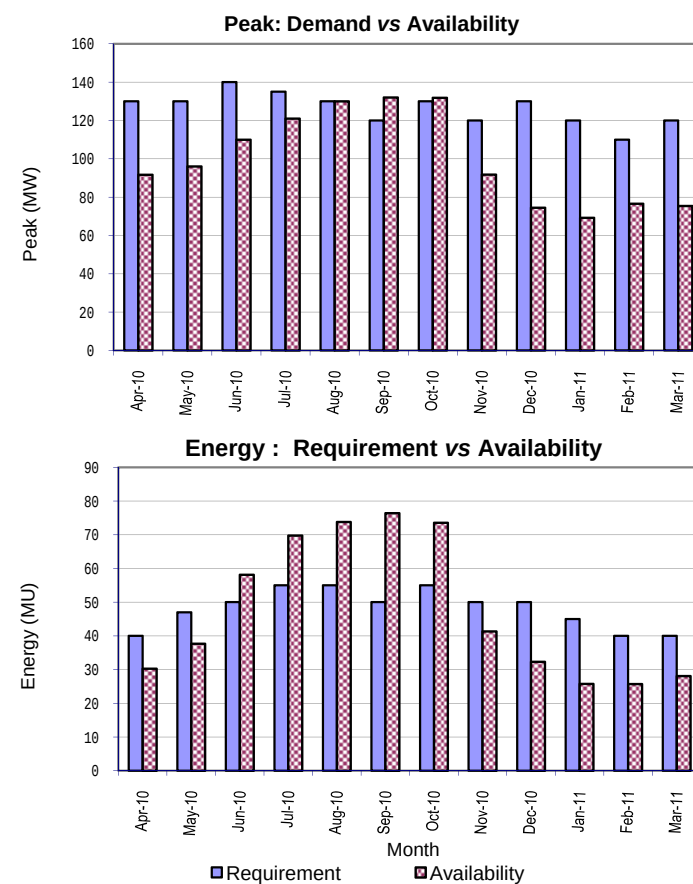
Sikkim

Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	95	116	21	21.6	40	67	27	66.8
May-10	105	133	29	27.3	35	77	42	120.0
Jun-10	95	142	47	49.1	33	89	56	168.4
Jul-10	95	153	58	60.3	35	100	64	182.8
Aug-10	105	157	52	49.7	33	100	67	201.8
Sep-10	95	157	62	65.0	45	100	55	121.2
Oct-10	95	138	43	45.0	35	93	57	163.1
Nov-10	95	137	42	43.6	45	63	18	39.8
Dec-10	110	131	21	19.5	46	64	18	39.0
Jan-11	120	116	-3	-2.7	46	61	15	33.0
Feb-11	120	112	-7	-5.9	44	56	12	27.2
Mar-11	110	115	5	4.3	47	60	13	26.9
Annual	120	157	38	31.7	486	930	444	91.3



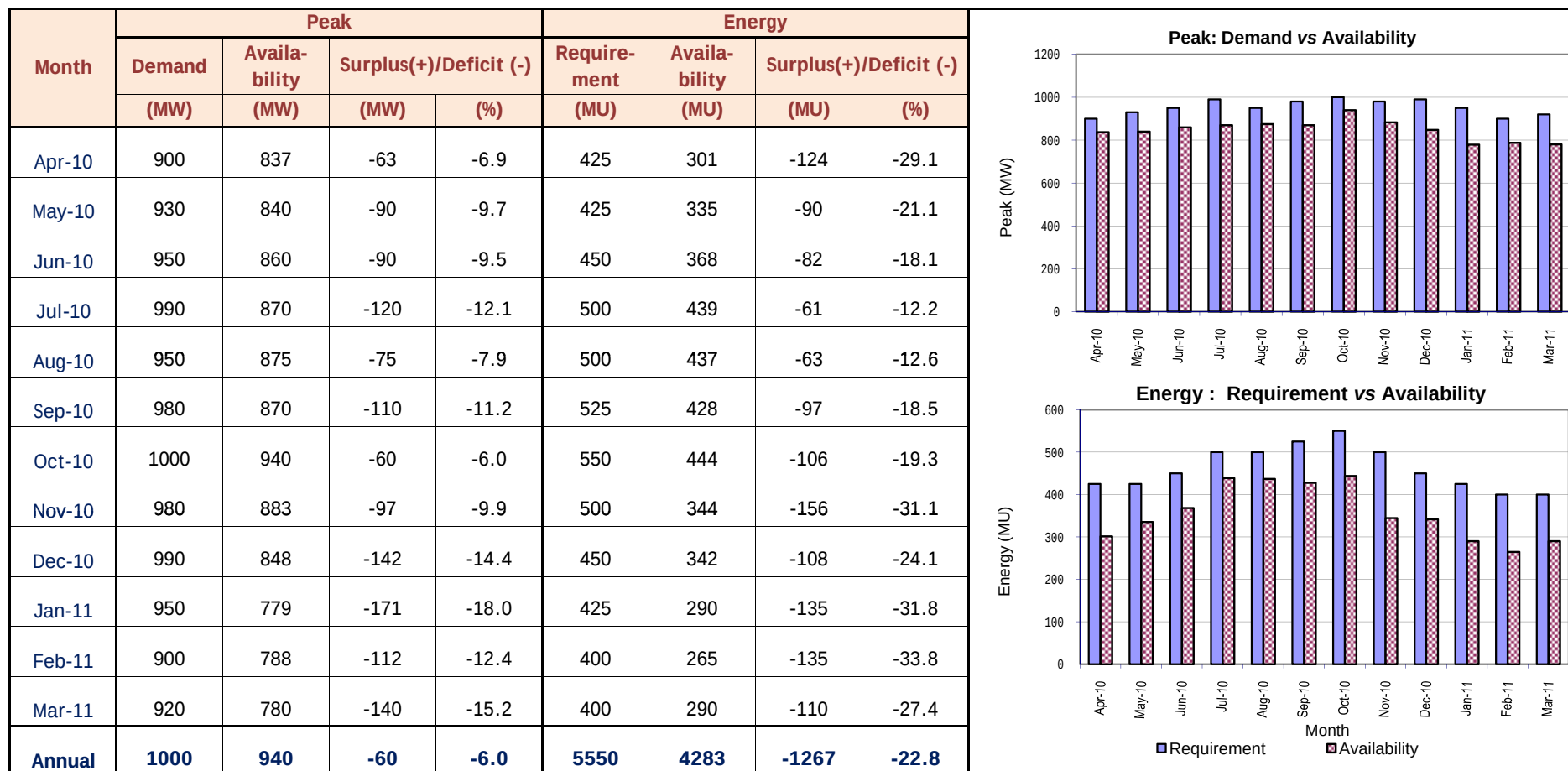
Anticipated month wise power supply position for 2010-11
Arunachal Pradesh

Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	130	92	-38	-29.5	40	30	-10	-24.3
May-10	130	96	-34	-26.2	47	38	-9	-19.9
Jun-10	140	110	-30	-21.4	50	58	8	16.3
Jul-10	135	121	-14	-10.4	55	70	15	26.9
Aug-10	130	130	0	0.0	55	74	19	34.1
Sep-10	120	132	12	10.0	50	76	26	52.8
Oct-10	130	132	2	1.4	55	74	19	33.8
Nov-10	120	92	-28	-23.5	50	41	-9	-17.4
Dec-10	130	74	-56	-42.7	50	32	-18	-35.3
Jan-11	120	69	-51	-42.3	45	26	-19	-42.7
Feb-11	110	77	-33	-30.4	40	26	-14	-35.7
Mar-11	120	75	-45	-37.1	40	28	-12	-29.8
Annual	140	132	-8	-5.7	577	573	-4	-0.7



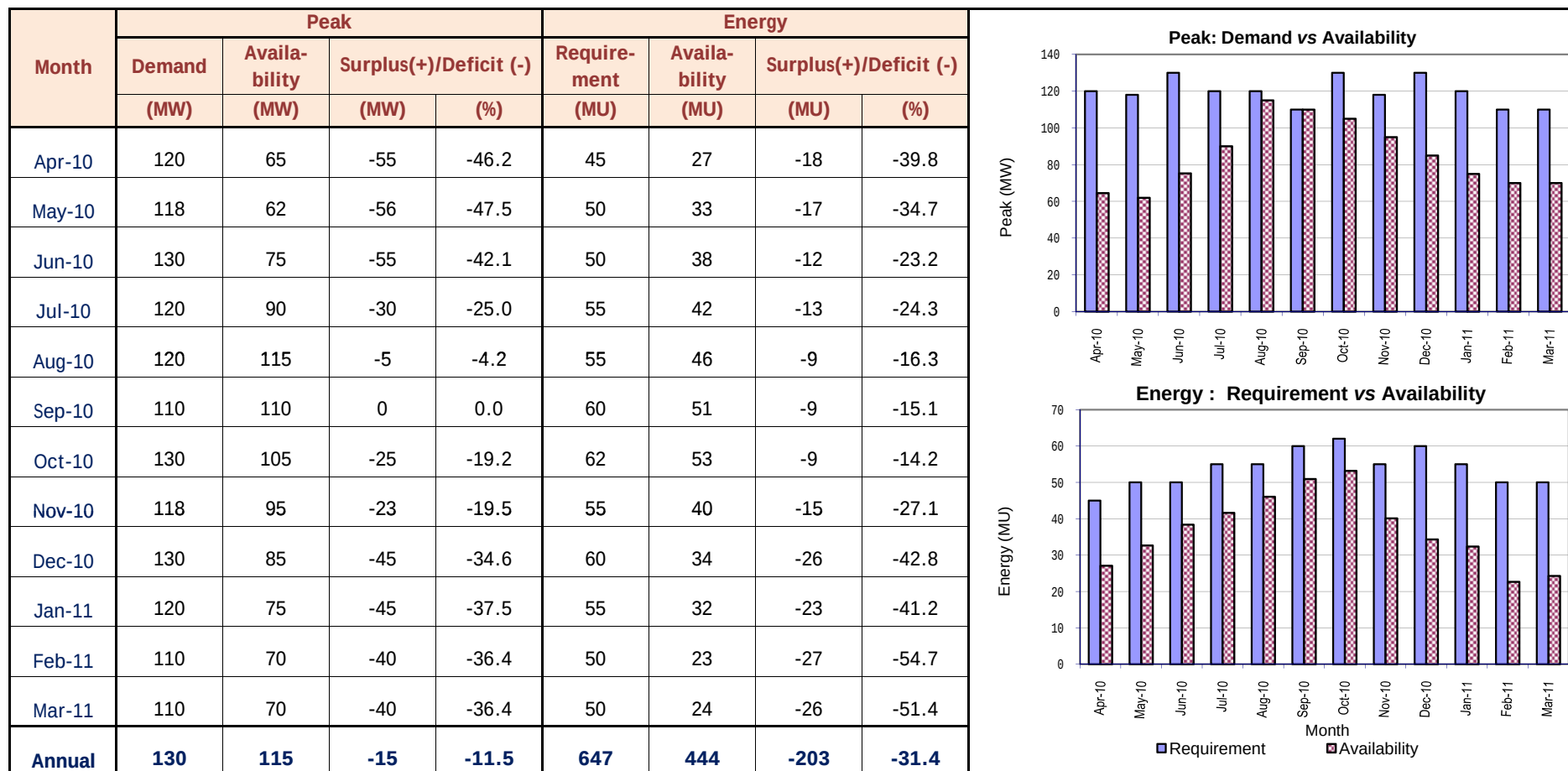
Anticipated month wise power supply position for 2010-11

Assam



Anticipated month wise power supply position for 2010-11

Manipur



Anticipated month wise power supply position for 2010-11
Meghalaya

Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	465	162	-303	-65.1	200	54	-146	-73.2
May-10	450	200	-250	-55.6	200	60	-140	-69.9
Jun-10	420	255	-165	-39.3	225	93	-132	-58.8
Jul-10	450	270	-180	-40.0	250	112	-138	-55.2
Aug-10	465	291	-174	-37.5	250	153	-97	-38.7
Sep-10	450	294	-156	-34.6	250	159	-91	-36.4
Oct-10	465	290	-175	-37.6	255	136	-119	-46.5
Nov-10	450	264	-186	-41.2	250	119	-131	-52.4
Dec-10	465	230	-235	-50.5	255	110	-145	-56.8
Jan-11	450	220	-230	-51.1	220	95	-125	-56.7
Feb-11	400	180	-220	-55.0	200	85	-115	-57.4
Mar-11	400	160	-240	-60.0	200	76	-124	-62.0
Annual	465	294	-171	-36.7	2755	1253	-1502	-54.5

Peak: Demand vs Availability

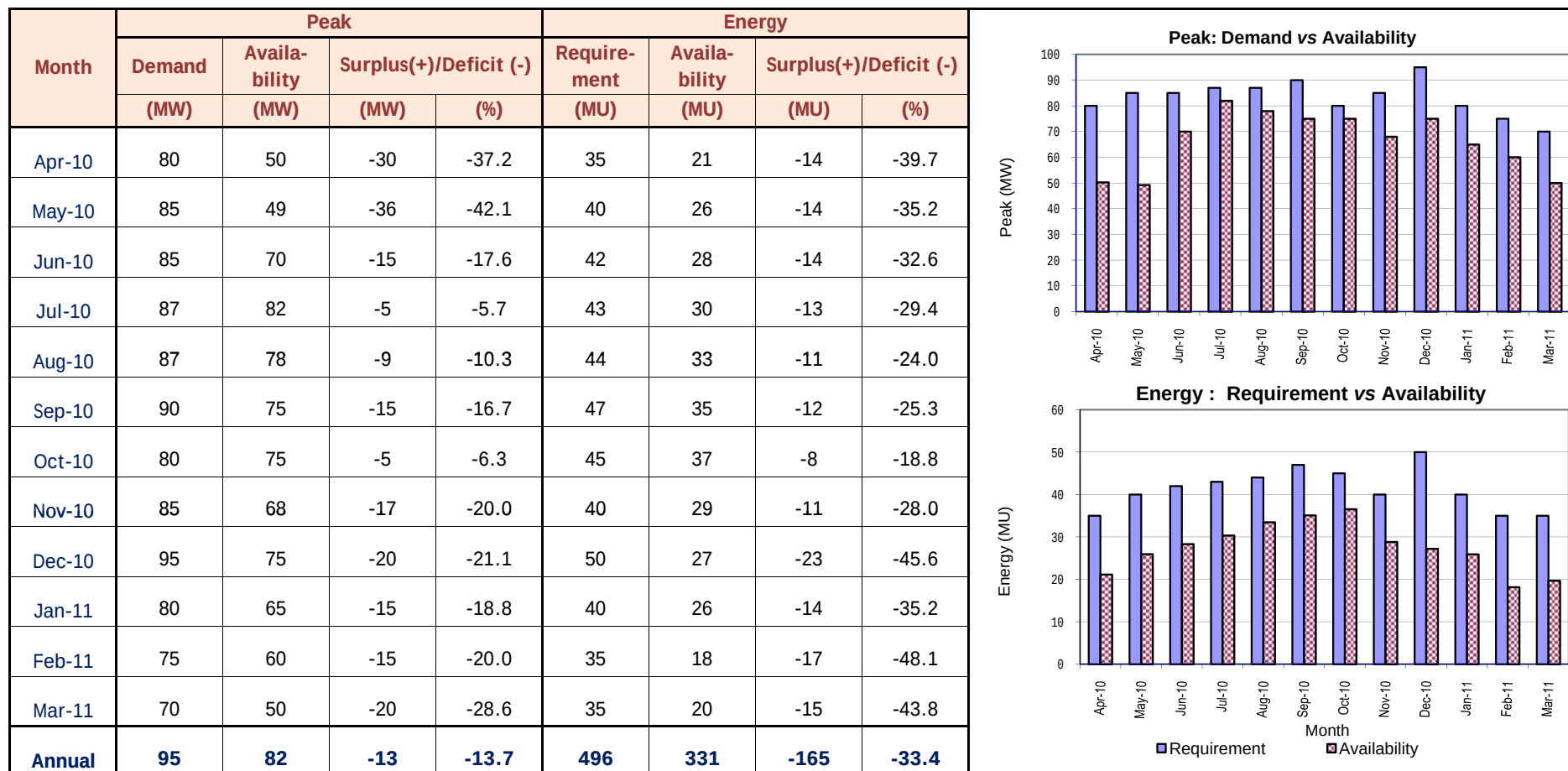
Month	Demand (MW)	Availability (MW)
Apr-10	465	162
May-10	450	200
Jun-10	420	255
Jul-10	450	270
Aug-10	465	291
Sep-10	450	294
Oct-10	465	290
Nov-10	450	264
Dec-10	465	230
Jan-11	450	220
Feb-11	400	180
Mar-11	400	160

Energy : Requirement vs Availability

Month	Requirement (MU)	Availability (MU)
Apr-10	200	54
May-10	200	60
Jun-10	225	93
Jul-10	250	112
Aug-10	250	153
Sep-10	250	159
Oct-10	255	136
Nov-10	250	119
Dec-10	255	110
Jan-11	220	95
Feb-11	200	85
Mar-11	200	76

Anticipated month wise power supply position for 2010-11

Mizoram



Anticipated month wise power supply position for 2010-11
Nagaland

Month	Peak				Energy			
	Demand	Availa- bility	Surplus(+)/Deficit (-)		Require- ment	Availa- bility	Surplus(+)/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MU)	(MU)	(MU)	(%)
Apr-10	95	64	-31	-32.8	50	21	-29	-57.9
May-10	95	70	-25	-26.3	55	23	-32	-58.5
Jun-10	90	83	-7	-8.2	60	35	-25	-42.2
Jul-10	95	91	-4	-3.9	60	45	-15	-24.5
Aug-10	95	91	-4	-4.0	55	48	-7	-12.6
Sep-10	95	92	-3	-3.2	60	49	-11	-17.9
Oct-10	99	91	-8	-7.9	60	51	-9	-15.2
Nov-10	95	75	-20	-20.6	55	34	-21	-38.3
Dec-10	99	78	-21	-21.2	62	30	-32	-51.6
Jan-11	90	70	-20	-22.2	55	21	-34	-61.8
Feb-11	80	60	-20	-25.0	50	19	-31	-61.7
Mar-11	80	55	-25	-31.3	50	20	-30	-59.1
Annual	99	92	-7	-7.1	672	397	-275	-41.0

Peak: Demand vs Availability

Month	Demand (MW)	Availability (MW)
Apr-10	95	64
May-10	95	70
Jun-10	90	83
Jul-10	95	91
Aug-10	95	91
Sep-10	95	92
Oct-10	99	91
Nov-10	95	75
Dec-10	99	78
Jan-11	90	70
Feb-11	80	60
Mar-11	80	55

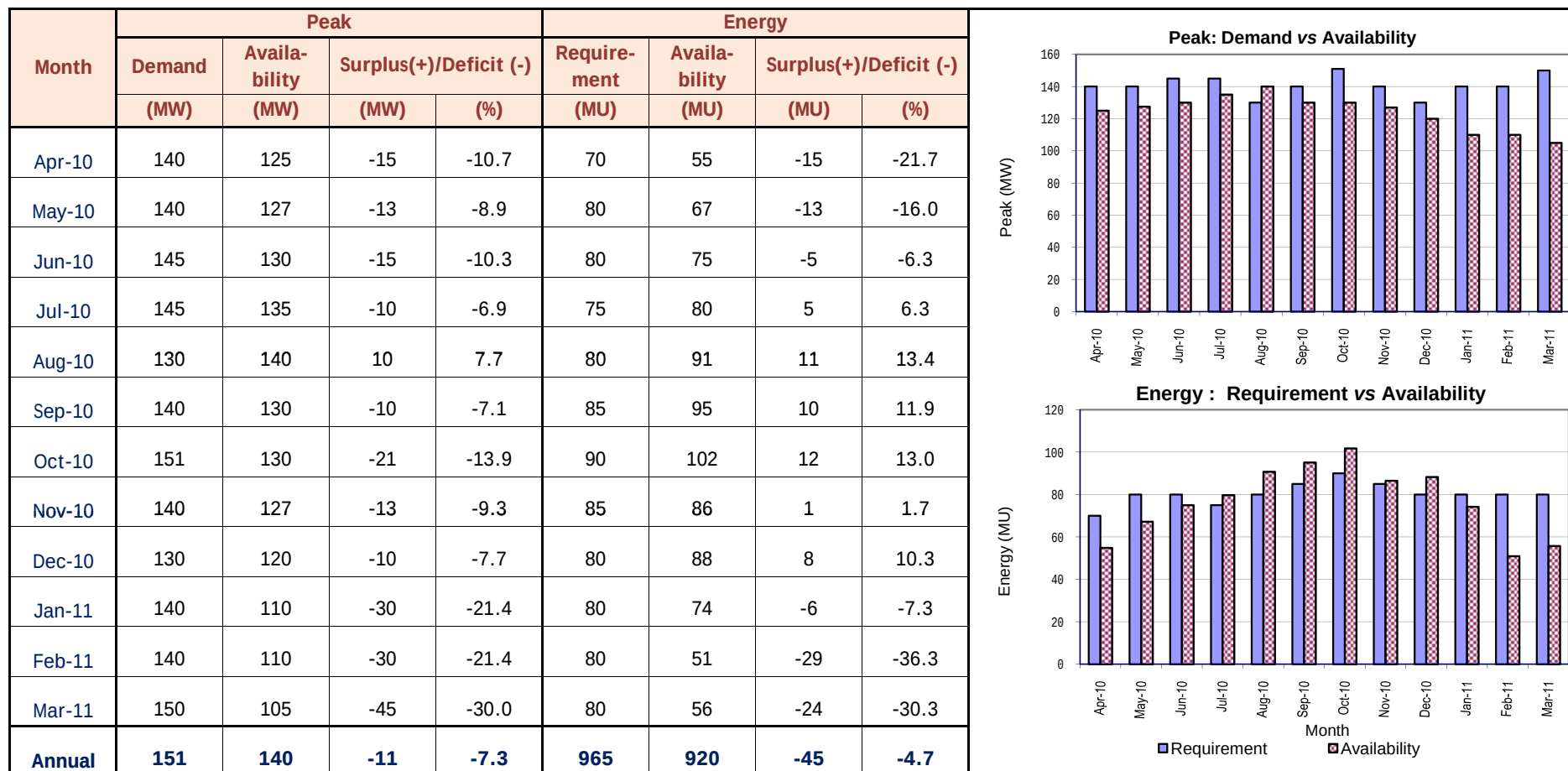
Energy : Requirement vs Availability

Month	Requirement (MU)	Availability (MU)
Apr-10	50	21
May-10	55	23
Jun-10	60	35
Jul-10	60	45
Aug-10	55	48
Sep-10	60	49
Oct-10	60	51
Nov-10	55	34
Dec-10	62	30
Jan-11	55	21
Feb-11	50	19
Mar-11	50	20

Legend: Requirement (Solid Blue), Availability (Checkered)

Anticipated month wise power supply position for 2010-11

Tripura

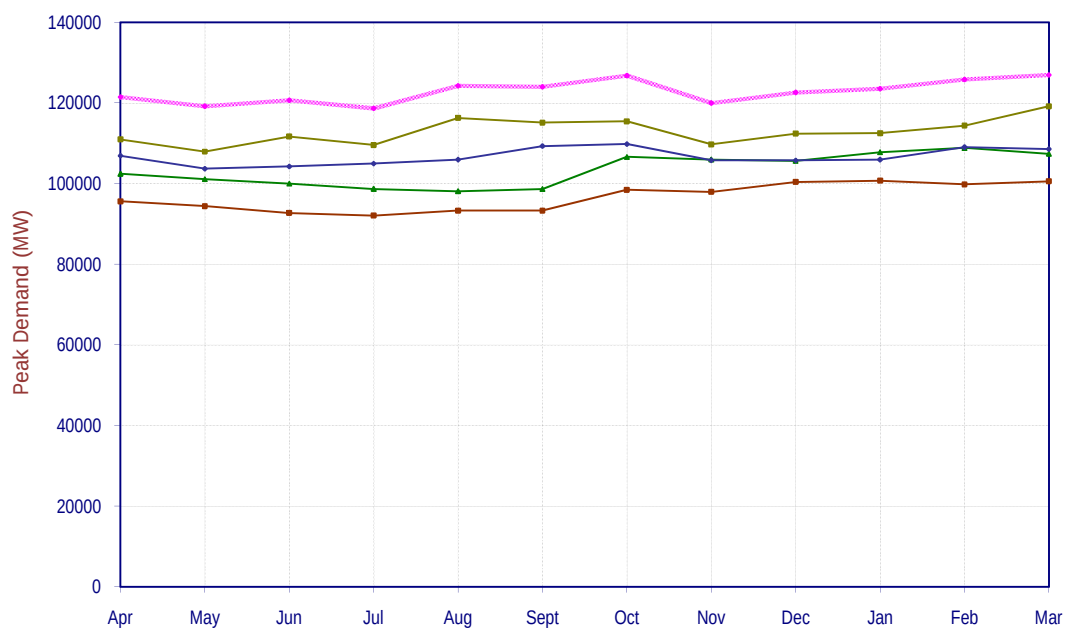


EXHIBIT

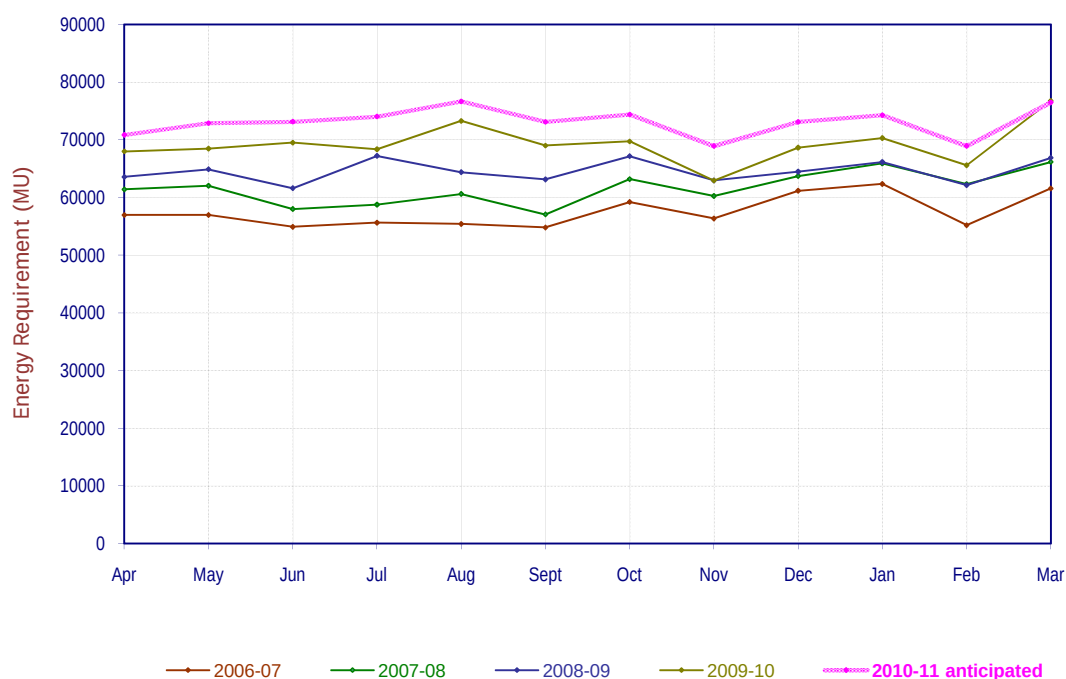
Pattern of Peak Demand & Energy Requirement

All India

Peak Demand



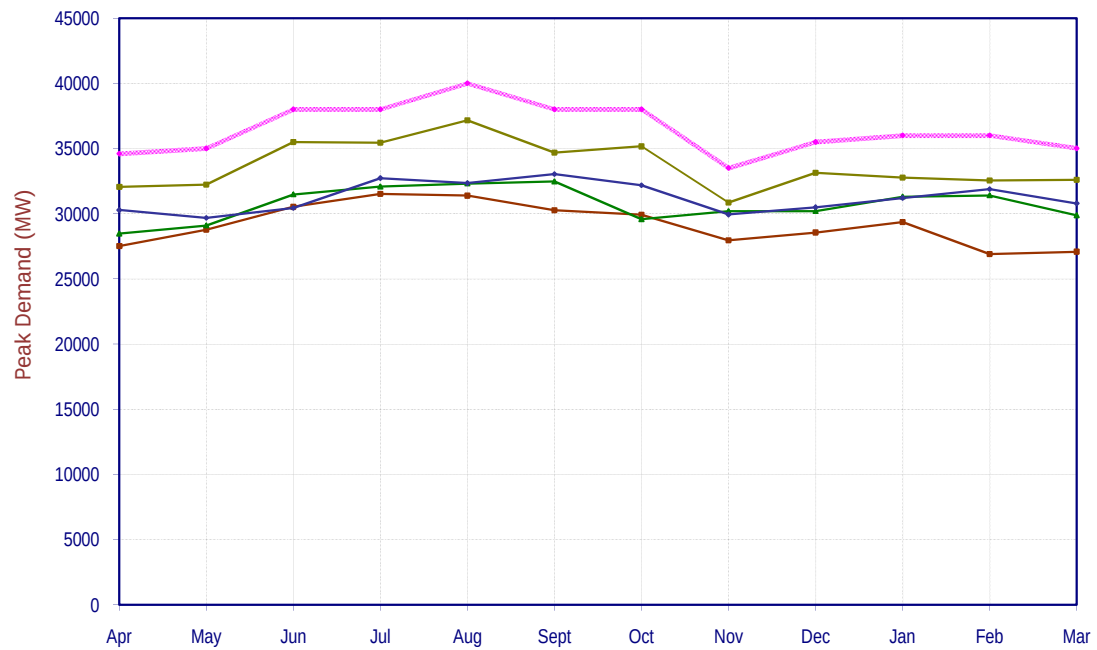
Energy Requirement



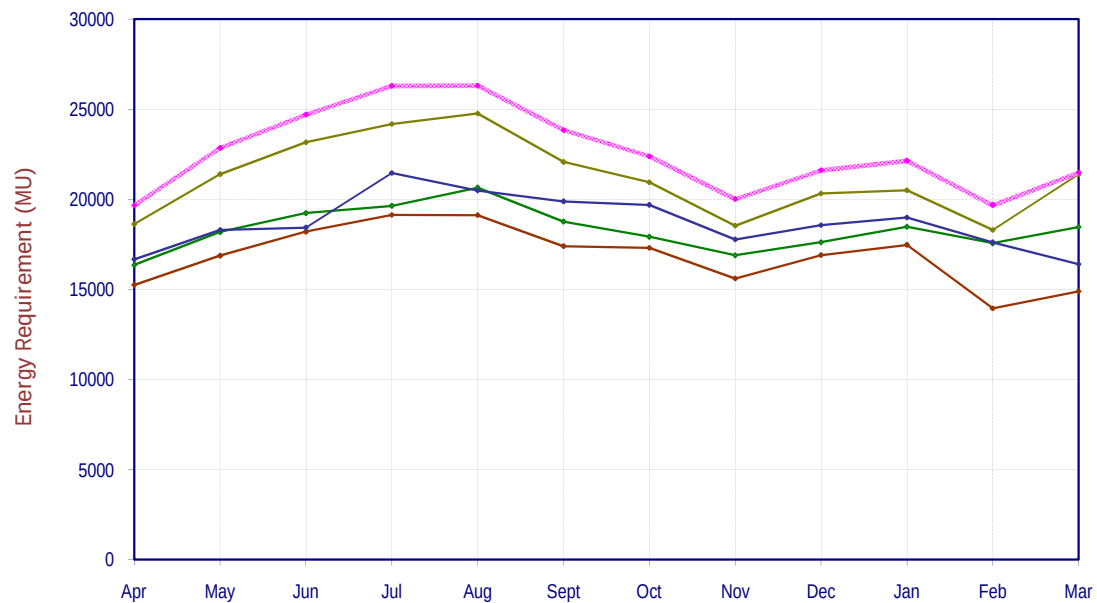
Pattern of Peak Demand & Energy Requirement

Northern Region

Peak Demand



Energy Requirement

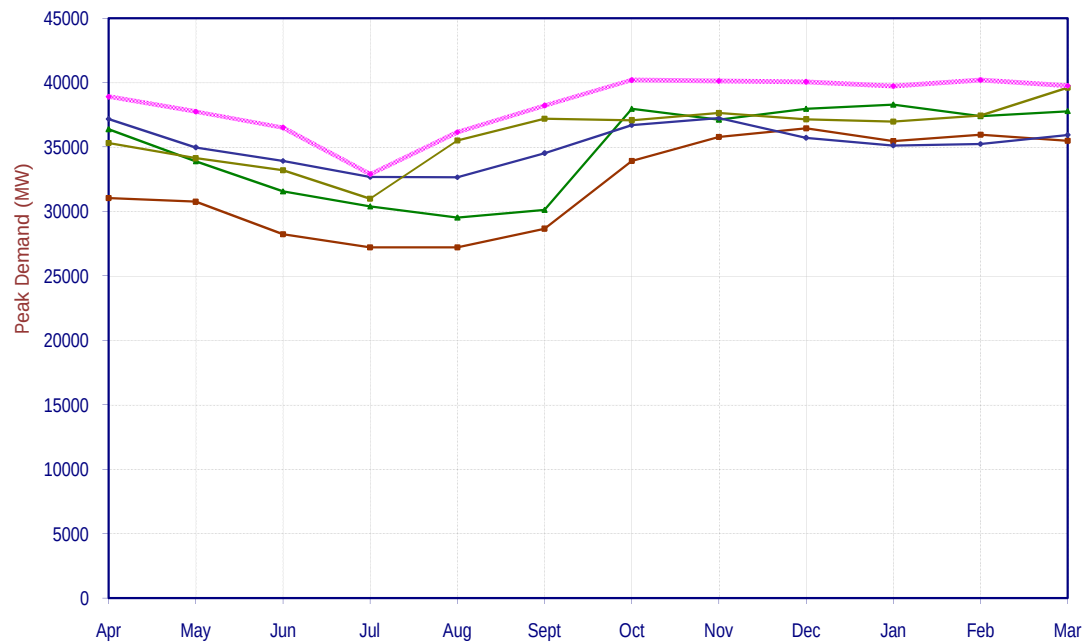


— 2006-07 — 2007-08 — 2008-09 — 2009-10 2010-11 anticipated

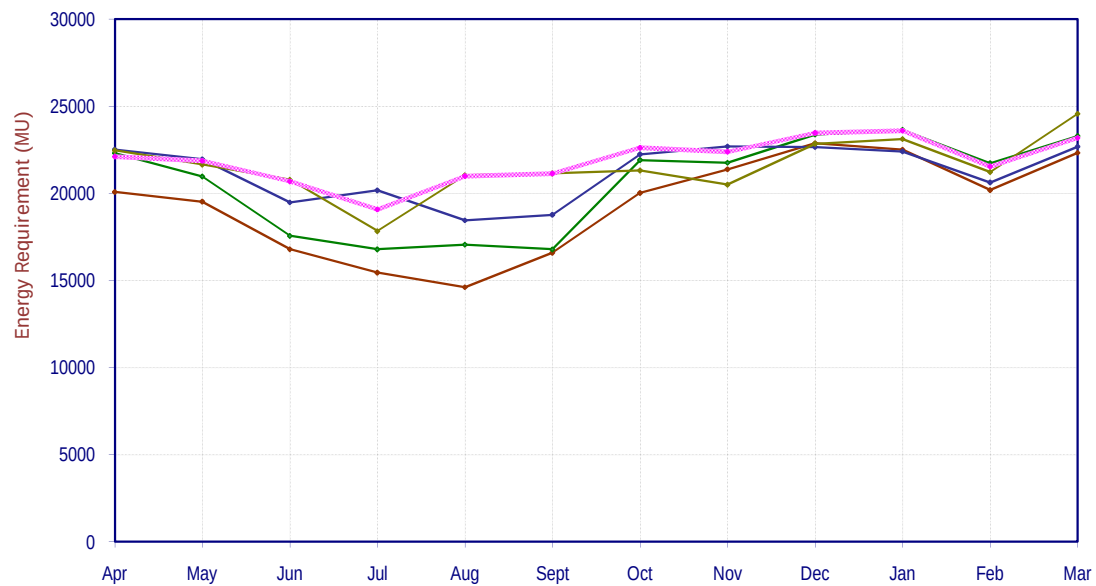
Pattern of Peak Demand & Energy Requirement

Western Region

Peak Demand



Energy Requirement

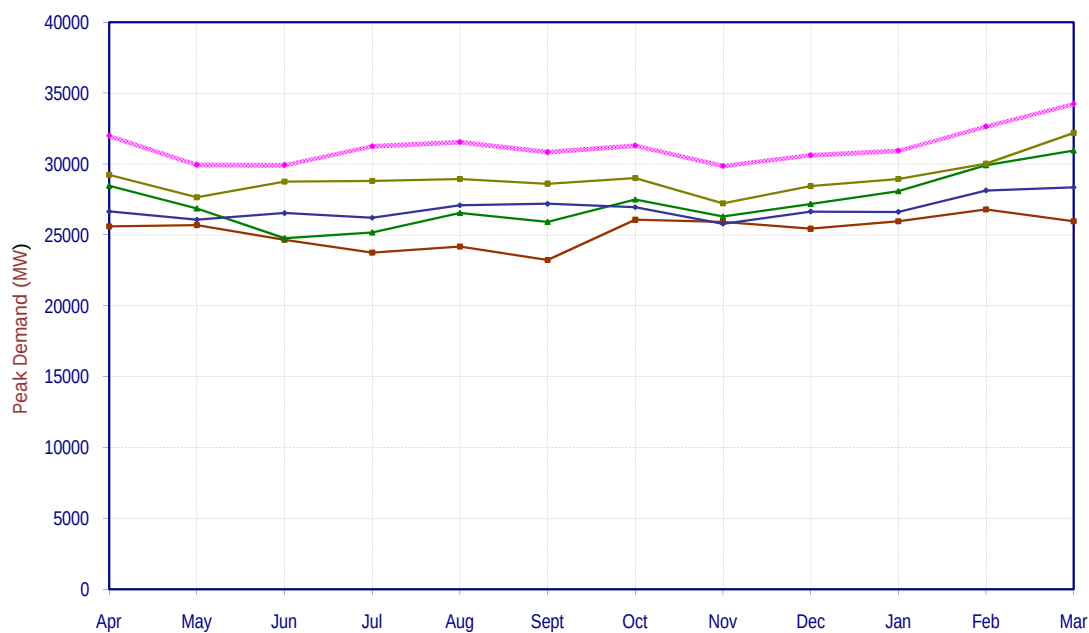


—◆— 2006-07 —◆— 2007-08 —◆— 2008-09 —◆— 2009-10 ◆..... 2010-11 anticipated

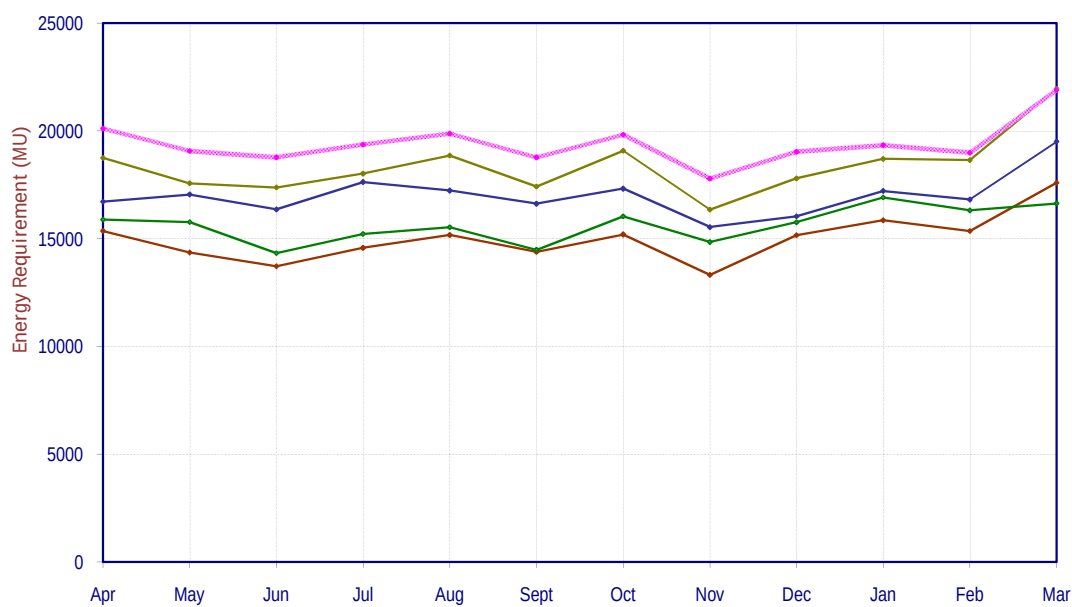
Pattern of Peak Demand & Energy Requirement

Southern Region

Peak Demand



Energy Requirement

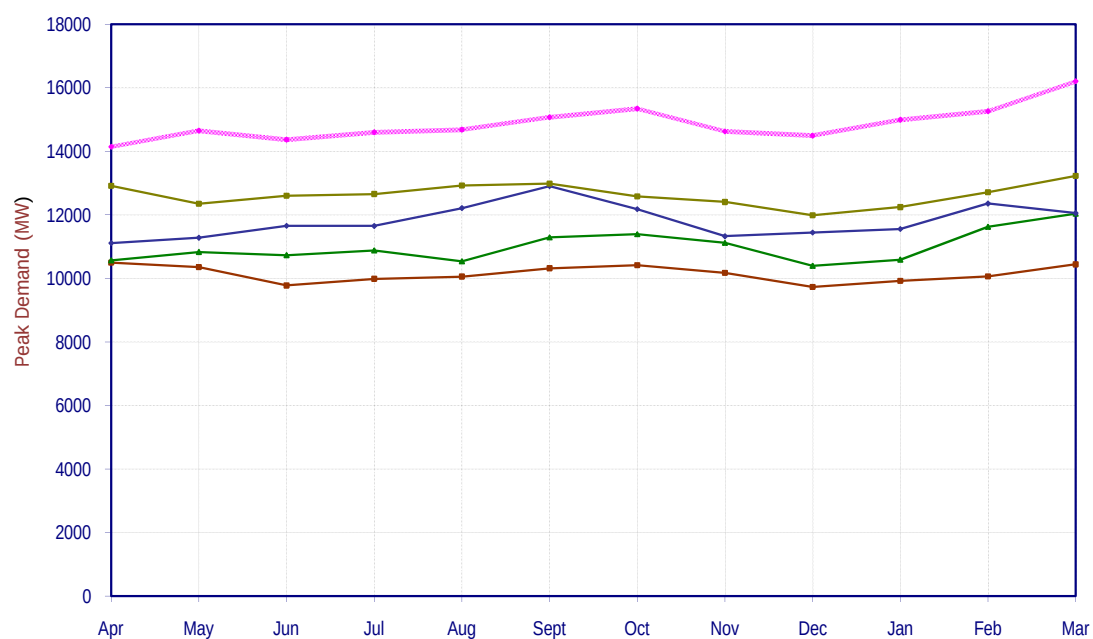


—●— 2006-07
 —●— 2007-08
 —●— 2008-09
 —●— 2009-10
 -.-.-●-.-.- 2010-11 anticipated

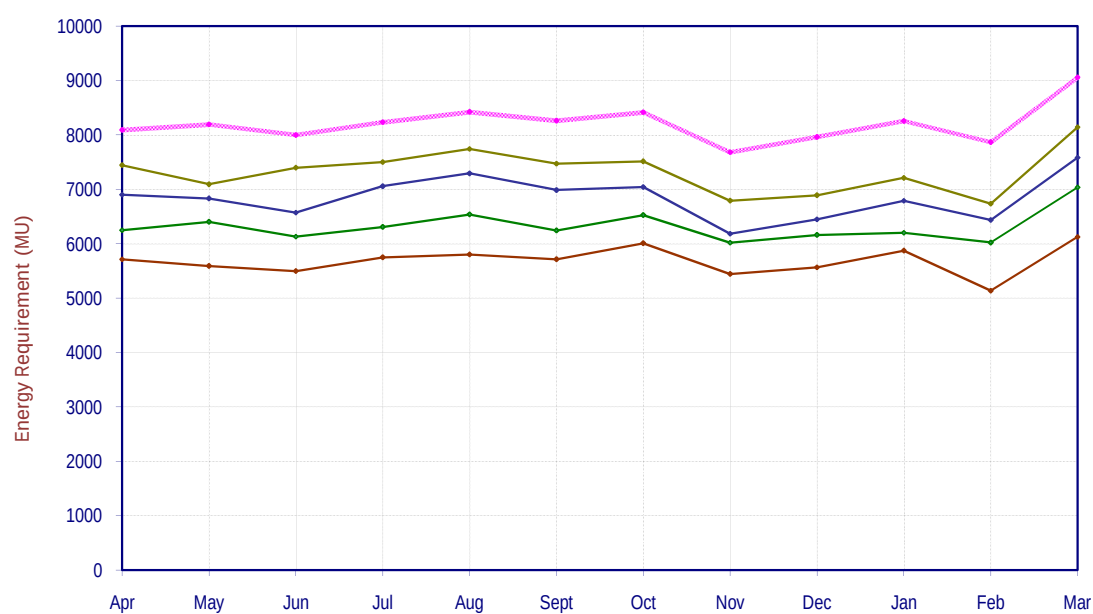
Pattern of Peak Demand & Energy Requirement

Eastern Region

Peak Demand



Energy Requirement

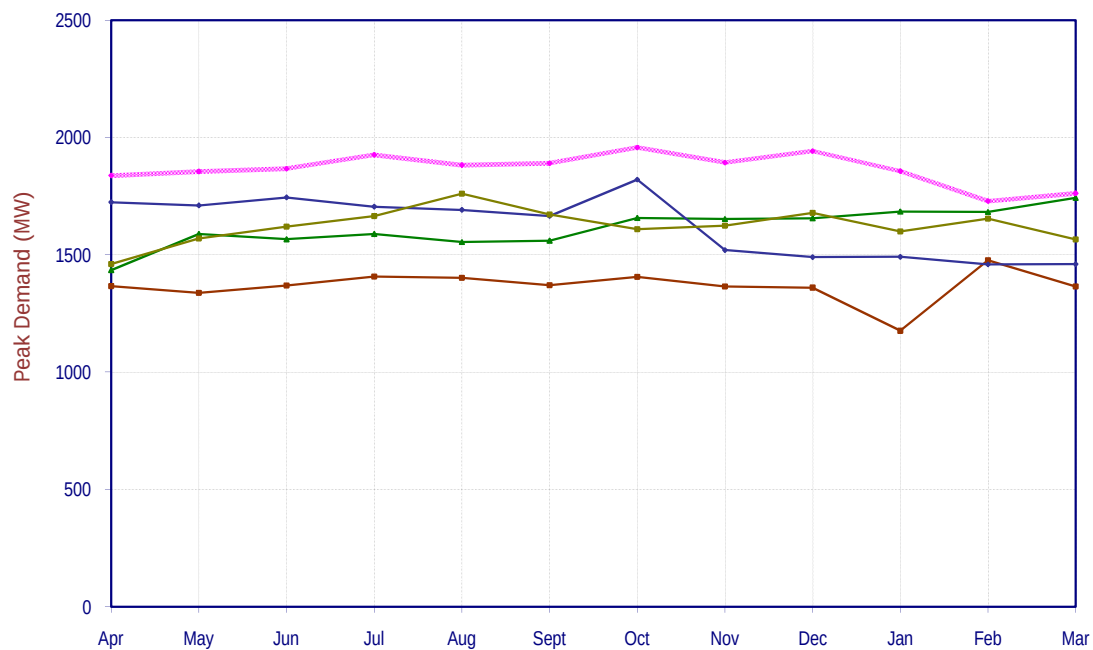


—●— 2006-07
 —●— 2007-08
 —●— 2008-09
 —●— 2009-10
 -.-.-●-.-.- 2010-11 anticipated

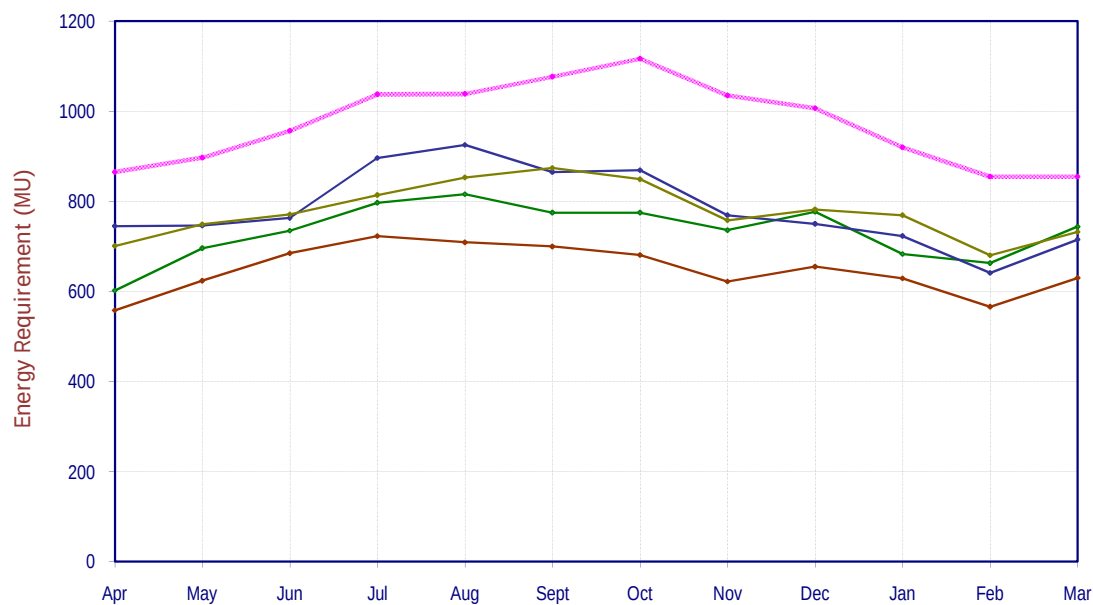
Pattern of Peak Demand & Energy Requirement

North-Eastern Region

Peak Demand



Energy Requirement



—◆— 2006-07 —◆— 2007-08 —◆— 2008-09 —◆— 2009-10 —◆— 2010-11 anticipated