



***Maharashtra State Electricity Transmission
Company Ltd.***

State Load Dispatch Center, Airoli

Daily system Report

for

18/Aug/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 18/Aug/2011 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	74.214	1313.253	1) Madhya Pradesh	57.655	863.862
2) Hydro	25.565	274.498	2) Gujrat	49.436	740.338
3) Gas	14.173	200.513	3) Goa	-6.719	-103.151
Total MSGENCO	113.952	1788.264	4) TAPS 1&2 (Inj.)	7.863	140.620
B) OTHERS			5) Pench (Excess)	-0.095	-4.207
1) RGPPL Gas	39.145	678.618	# Total Cent. Sector	108.140	1637.462
2) Wind Generation	7.462	395.921	F) Other Exchanges		
3) CPP	18.363	392.244	1) With TPCL (Excess)	-12.803	-235.727
4) PENCH (MS)	0.095	5.793	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	24.032	374.430
1) TPCL Thermal	24.273	402.851	Include PX	10.361	71.503
2) TPCL Hydro	5.384	93.170	2) MUMBAI Bilateral	13.862	233.882
TOTAL TPCL	29.657	496.021	Include PX	0.452	2.235
3) REL Thermal	12.368	208.066	3) MUMBAI Schedule	13.862	237.093
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	110.855	1924.170	1) MSEDCL	274.354	4662.575
2) Hydro (A2+B3+C2)	31.044	373.461	2) TPCL	36.549	623.377
3) Gas (A3+B1)	53.318	879.131	3) REL	18.277	316.417
4) Wind (B2)	7.462	395.921	TOTAL STATE	329.180	5602.369
5) CPP (B3)	18.363	392.244			
TOTAL STATE	221.042	3964.927			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	2910	3083	3086
MSGENCO Hydro	1855	2170	170
MSGENCO Gas	611	605	522
MSGENCO Total Generation	5376	5858	3778
Central Sector Receipt	4765	3806	4506
RGPPL	1606	1629	1632
WIND	105	418	399
CPP	728	864	719
Exchange with Mumbai	-787	-505	-453
MSEDCL DEMAND MET	11793	12070	10581
Load Shedding (LS)	232	0	0
MSEDCL DEMAND (INCL. LS)	12025	12070	10581
TPCL GENERATION	1508	1514	811
REL GENERATION	524	524	452
TPCL+REL DEMAND	2819	2543	1716
STATE DEMAND MET	14612	14613	12297
Load Management (LM)	1443	2547	1204
Total Load Relief (LS+LM)	1675	2547	1204
UNRESTRICTED STATE DEMAND	16287	17160	13501
Frequency (Hz)	49.78	49.58	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.31 Hz at 08.29 Hrs	49.17 Hz at 21.12 Hrs	49.85	.21 % of Time(min)

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 18/Aug/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.19	54.51	156	105	120
Unit 6	3.13	39.91	157	100	145
Unit 7	3.44	56.01	160	115	150
	9.76	150.43			415
Bhusawal					
Unit 2	1.05	50.18	110	0	130
Unit 3	2.79	40.22	160	91	110
Unit 4		0.00	0	0	
	3.84	90.39			240
Parli					
Unit 3		3.78	0	0	0
Unit 4	2.73	46.79	146	92	130
Unit 5	2.87	17.41	137	100	130
Unit 6	3.44	38.21	194	63	170
Unit 7	1.51	49.46	185	0	0
	10.54	155.64			430
Chandrapur					
Unit 1	3.44	51.78	153	133	140
Unit 2	3.05	47.55	133	122	130
Unit 3	3.19	49.90	170	117	150
Unit 4	0.00	53.08	0	0	0
Unit 5	8.92	140.86	465	260	380
Unit 6	6.87	73.96	335	215	300
Unit 7	0.00	0.00	0	0	0
	25.47	417.12			1100
Paras					
Unit 3	2.26	51.54	124	68	120
Unit 4	2.67	50.82	156	67	140
	4.93	102.36			260
Khaparkheda					
Unit 1	3.60	69.60	165	130	169
Unit 2	3.64	68.47	157	145	140
Unit 3	3.73	71.02	166	144	151
Unit 4	3.72	64.47	159	150	157
Unit 5	0.00	2.37	0	0	
	14.70	275.94			617
Nasik					
Unit 1		0.00	0	0	0
Unit 2		0.00	0	0	0
Unit 3		0.00	0	0	0
Unit 4	2.13	59.00	144	0	140
Unit 5	2.84	62.36	146	65	140
	4.97	121.36			280
Uran					
All Units	14.17	200.51	616	464	580
	14.17	200.51			580
Dabhol					
RGPPL	39.14	678.62	1647	1606	1570
	39.14	678.62			1570
Koyna					
Stage 1-2	5.27	59.32	510	40	600
Stage 4	11.86	88.94	1063	0	250
Stage 3	4.18	43.21	320	0	320
	21.30	191.46			1170
Koyna 12&4 Total	17.12	148.26			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.92	16.08	39	37	36
VTRNA	0.00	1.84	0	0	61
TILLARI	0.77	13.61	60	0	60
BHTGR/VEER	0.20	3.32	9	8	8
BHIRA T.R.	0.45	8.41	82	0	80
RNGR+BHTSA	0.03	0.97	2	1	2
BHANDARDRA	0.68	8.92	29	28	28
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	1.22	22.81	58	48	9
GHATGHAR	0.00	7.08	0	0	0
	4.26	83.04			284
PENCH (MS)					
Pench (MS)	0.10	5.79	49	0	
	0.10	5.79			
Wind					
MalharPeth	0.52	23.05			
Vankuswadi	0.90	37.22			
ATIT	0.10	7.84			
Kale	0.22	11.73			
Satara	1.37	47.93			
Shirala	0.20	13.00			
K Mahankal	0.03	18.70			
Supa	0.08	5.76			
Vita	1.21	55.93			
Dondaicha	1.65	104.44			
Sakri	0.33	18.22			
Nandurbar	0.16	10.38			
Khandke	0.30	24.15			
Khaparale	0.38	17.59			
	7.46	395.92			
CPP					
JSW JAIGAD	8.33	229.10	519	303	440
WARDHA	7.02	109.78	305	284	289
Other CPPs	3.01	53.37			
	18.36	392.24			729
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.05	203.92	490	315	490
Trombay 6	5.29	113.30	390	155	500
Trombay 7A	2.89	49.62	122	119	120
Trombay 7B	1.57	27.45	66	65	60
Trombay 8	3.47	8.55	210	0	250
TATA Hydro	5.38	93.17	409	0	447
	29.66	496.02			1867
REL					
1&2	12.37	208.07	526	414	500
	12.37	208.07			500
Cent Sect					
Share					3918
					3918

MS PG CL	Thermal	74.21	1313.25			3342
	Thml+Gas	88.39	1513.77			3922
	Hydro	25.56	274.50			1454
	Total	113.95	1788.26			5376
State Total		221.04	3964.93			13960

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/Aug/2011

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAN D WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS														
1	2993	538	464	3995	1619	364	725	3645	4725	-465	-529	10899	1713	10899	1979	14591	49.94
2	3023	187	507	3717	1619	398	723	3648	4470	-357	-494	10433	1620	10433	1809	13862	49.93
3	3086	170	522	3778	1632	399	719	3684	4506	-316	-453	10581	1204	10581	1716	13501	49.99
4	3140	165	520	3825	1646	358	725	3676	4681	-295	-439	10796	1167	10796	1669	13632	49.99
5	3084	170	605	3859	1647	302	724	3674	4815	-295	-255	11092	1171	11092	1665	13928	50.02
6	3188	265	611	4064	1640	278	724	3961	5002	-306	-230	11478	1303	11478	1737	14518	49.89
7	3252	356	612	4220	1640	203	726	3991	5271	-372	-326	11734	1418	11848	1829	14981	49.90
8	3290	629	613	4532	1644	153	716	4156	5184	-429	-468	11761	1525	11982	1962	15248	49.96
9	3209	1387	614	5210	1645	143	723	4189	4867	-477	-587	12001	1505	12202	2241	15747	50.12
10	3136	1721	610	5467	1631	121	715	4148	4716	-610	-648	12002	1526	12213	2568	16096	49.94
11	3020	1647	616	5283	1616	94	722	4177	4383	-736	-670	11428	1708	11670	2790	15926	49.83
12	2910	1855	611	5376	1606	105	728	4195	4765	-776	-787	11793	1675	12025	2819	16287	49.78
13	2905	1799	611	5315	1606	148	725	4187	4737	-757	-832	11699	1656	11918	2786	16141	49.81
14	2927	1664	585	5176	1615	350	731	4187	4498	-688	-787	11583	1642	11788	2673	15898	49.87
15	2982	1675	590	5247	1621	369	731	4187	4286	-721	-667	11587	1638	11781	2668	15893	49.73
16	3157	1725	602	5484	1635	483	710	4187	4237	-740	-636	11913	1587	12099	2661	16161	49.75
17	3151	1027	612	4790	1633	651	716	4210	4767	-724	-634	11923	1571	12080	2645	16139	49.86
18	3096	654	613	4363	1632	500	704	4209	4645	-699	-592	11252	1819	11430	2614	15685	49.87
19	3088	1255	613	4956	1633	474	809	3832	4123	-633	-539	11456	2399	11549	2565	16420	49.72
20	3083	2170	605	5858	1629	418	864	3802	3806	-690	-505	12070	2547	12070	2543	17160	49.58
21	3092	1997	604	5693	1635	338	911	3879	3795	-755	-468	11929	2560	11929	2426	16915	49.65
22	3178	1335	606	5119	1637	335	921	3860	3932	-749	-453	11540	2560	11540	2291	16391	49.69
23	3090	854	616	4560	1639	257	936	3859	3856	-683	-444	10825	2560	10825	2171	15556	49.74
24	3134	320	611	4065	1645	219	935	3765	4072	-591	-360	10576	2236	10576	2001	14813	49.88
MUs	74.21	25.56	14.17	113.95	39.14	7.46	18.36	95.31	108.14	-13.86	-12.80	274.35	42.31	276.80	54.83	371.49	49.85

NOTE : ALL VALUES IN MW

Mumbai Sch./Net Exch is shown with reference to MSETCL System. (+) indicates Mum. to MSETCL and (-) indicates MSETCL to Mum. Mumbai Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss
Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 18/Aug/2011

Position as on 6.30 Hrs of 19/Aug/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Dabhol 1A	230	20/05/2011	13.22		Continued.	Rotor replacement.	19/08/2011
Chandrapur Unit 7	500	29/06/2011	21:40		Continued.	COH	21/08/2011
Nasik Unit 3	210	23/07/2011	01.55		Continued.	Annual Overhaul.	19/08/2011
CPP WPCL U-4	135	24/07/2011	06.40	18/08/2011	00.51	Maint.Work.	
Chandrapur Unit 4	210	16/08/2011	00.04		Continued.	Annual Overhaul.	10/09/2011
FORCED OUTAGE							
Parli Unit 3	210	02/08/2011	12.43		Continued.	Due to wet coal.	19/08/2011
Khaparkheda Unit 5	500	05/08/2011	09.32		Continued.	H.P.Pump problem	
CPP JSW (J) U1	300	08/08/2011	10.30		Continued.	Bearing Vibration High.	19/08/2011
Cent_Sect NTPC(V-3)	210	13/08/2011	21.29		Continued.	Wet Coal	
Uran Unit 5	108	17/08/2011	00.28	18/08/2011	00.33	Maintenance work.	
CPP JSW (J) U3	300	17/08/2011	19.47	18/08/2011	18.08	Electrical fault.	
Parli Unit 7	250	17/08/2011	21.20	18/08/2011	10.28	Turbine Trip.	
Bhusawal Unit 3	210	17/08/2011	21.36	18/08/2011	00.10	Flame failure.	
Parli Unit 7	250	18/08/2011	10.53	18/08/2011	12.50	Flame failure.	
Bhusawal Unit 2	210	18/08/2011	11.14	19/08/2011	04.25	Condenser vaccum not maintained.	
Tata Trombay 8	250	18/08/2011	11.15	18/08/2011	13.50	PA fan and header pressure low.	
Nasik Unit 4	210	18/08/2011	18.35	19/08/2011	00.40	Low bunkering.	
CPP WPCL U-1	135	19/08/2011	00.48		Continued.	Maintenance work.	20/08/2011
Parli Unit 6	250	19/08/2011	02.24		Continued.	High Furnance Pressure	
Cent_Sect Sipat-4	500	19/08/2011	05.44		Continued.	Boiler tube leakage.	21/08/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Aug/2011

Position as on 6.30 Hrs of 19/Aug/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Karad - Solapur (PGCIL)	17/08/2011	11.17	18/08/2011	05.35	Loc.No.443 insulator repl.Ready for charging at 19.17 hrs.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad- II	26/07/2011	20.52	18/08/2011	09.17	Over voltage.
Akola - Wardha - I	26/07/2011	23.53	18/08/2011	09.28	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Koradi-Satpur	18/08/2011	01.17	18/08/2011	09.44	Tripped at Satpur end only.
IntraState					
Voltage Level : 500KV			Outage Type PLANNED OUTAGE		
Chandrapur-Padaghe Pole - II	08/08/2011	09.17		Continued.	Annual Maintenance Work of All Equipment in AC/DC Yard upto 20.8.11.
Chandrapur - Padgha Pole -I	18/08/2011	09.40		Continued.	Annual Maintenance work.Up to 20.08.2011.
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Chandrapur - HVDC A/C Bay - II	08/08/2011	17.21		Continued.	Annual Maint.Work,upto 19.08.11.
Chandrapur HVDC 400KV A/C Bay-I	18/08/2011	09.51		Continued.	Maintenance work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(8 MonthOutage)
220/132KV,100 MVA ICT-III at Girwali.	21/06/2011	10.44		Continued.	Augmentation of ICT by new 200 MVA ICT.upto 25.08.2011.
220/132 KV 100 MVA ICT-I @ Chikhli.	30/07/2011	11.45		Continued.	Replacement by 200 MVA ICT.Up to 20.08.2011.
220/132 KV 250 MVA ICT at Ambazari	05/08/2011	10.41		Continued.	ICT is to be replaced by 200 MVA ICT Upto 20.8.11.
Kanhan - Bhandara - I	16/08/2011	09.23		Continued.	Tower height extension work up to 24.08.2011.
Khaparkheda - Kanhan - I	16/08/2011	09.36		Continued.	Tower height extension work up to 24.08.2011.
220/132 KV 200 MVA ICT - II @ Parbhani	18/08/2011	09.25	18/08/2011	13.00	Q.M.Work
Jejuri-Jejuri-II	18/08/2011	09.30		Continued.	Disconnection of 29C and 29D isolator.
Baramati Agro - Bhigwan	18/08/2011	09.30	18/08/2011	17.10	Replacement of insulator.
Mudshingi-Talandage-II	18/08/2011	10.01	18/08/2011	12.53	Q.M.Work
220/100KV 100MVA ICT-IV at C'wad	18/08/2011	14.10	18/08/2011	16.56	Replacement of Y ph.LA HV side.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV 315 MVA ICT - II @ Koradi.	18/08/2011	18.38		Continued.	29B Isolator problem(ICT LV side is on TBC)
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/33KV 125 MVA T/F 4 at Ghodbandar	19/08/2011	01.30	19/08/2011	05.15	For attending chirping sound coming from 33KV cable termination box.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220KV,100 MVA Spare Unit at Korady	04/08/2011	16.28		Continued.	To attend buchholz alarm problem.
Bhusawal- Aurangabad	17/08/2011	20.46	18/08/2011	05.32	Over Voltage,
Karad - Kolhapur - I	17/08/2011	23.02	18/08/2011	09.02	Over Voltage.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Aug/2011

Position as on 6.30 Hrs of 19/Aug/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Bhusawal- Aurangabad	18/08/2011	21.55		Continued.	Over Voltage.
Karad - Kolhapur - II	18/08/2011	21.59		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chandrapur - Warora	03/07/2011	21.47		Continued.	To Control Wardha-Warora & Wardha-Hinganghat loading.
Babaleshwar - Bhenda	24/07/2011	08.30		Continued.	To Control Babaleshwar ICT Loading.
Padgha - Temghar - II	09/08/2011	10.12		Continued.	To control Padgha ICT load.
Padgha-Temghar I	09/08/2011	10.31		Continued.	To control Padgha ICT load.
Vita - Lamboti	17/08/2011	10.48	18/08/2011	08.32	To Control voltage.
Bale-Usmanabad	18/08/2011	10.36	18/08/2011	11.07	To Control Parli ICT Loading.
Nasik-Bablsr - II	18/08/2011	10.57		Continued.	To control BBLSR ICT Loading.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV 105 MVA Spare ICT at Parly II	22/04/2011	13.50		Continued.	To Remove Trip Coil Assembly for Bus Coupler.
Voltage Level : 220KV			Outage Type TRIPPED		
220/100KV 200MVA ICT-III at Kalwa	03/04/2011	16.00		Continued.	Buchholz Trip, Diff. Prot. operated, PRV tripped(Failed).
220/6.6KV 40MVA Stn.T/F -IV at K'Kheda	16/08/2011	14.17		Continued.	Differential protection operated,
Murud - Girawli.	18/08/2011	10.15	18/08/2011	10.30	Bus Bar Prot.operated at Murud S/S
220/33 KV 50 MVA T/F - I @ Murud	18/08/2011	10.15	18/08/2011	10.35	Bus Bar Prot.operated at Murud S/S
220/33KV 50MVA T/F-II at Murud	18/08/2011	10.15	18/08/2011	10.40	Bus Bar Prot.operated at Murud S/S
Murud-Bale	18/08/2011	10.15	18/08/2011	10.42	Bus Bar Prot.operated at Murud S/S
Karad-.Kolhapur-III	18/08/2011	12.35	18/08/2011	17.58	Distance Protection
Chandrapur-Gadchandur	18/08/2011	15.05	18/08/2011	15.30	Distance Protection
Chandrapur MIDC - Gadchandur	18/08/2011	15.05	18/08/2011	15.30	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		
Khamgaon - Warwat Bakal	18/08/2011	05.56	18/08/2011	06.08	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 19/Aug/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	145
Unit 6	210	155
Unit 7	210	150
	620	450
Bhusawal		
Unit 2	210	100
Unit 3	210	140
Unit 4	0	
	420	240
Parli		
Unit 3	210	0
Unit 4	210	110
Unit 5	210	120
Unit 6	250	0
Unit 7	250	110
	1130	340
Chandrapur		
Unit 1	210	150
Unit 2	210	130
Unit 3	210	150
Unit 4	210	0
Unit 5	500	380
Unit 6	500	380
Unit 7	500	0
	2340	1190
Paras		
Unit 3	250	90
Unit 4	250	100
	500	190
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	180
Unit 4	210	180
Unit 5	500	
	1340	700
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	
Unit 4	210	142
Unit 5	210	142
	870	284
Uran		
All Units	852	580
	852	580
Dabhol		
RGPP	1940	1550
	1940	1550
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	36

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	8
BHIRA T.R.	80	80
RNGR+BHTSA	20	2
BHANDARDRA	45	28
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	224
PENCH (MS)		
Pench (MS)	53	
	53	
Wind		
MalharPeth	0	
Vankuswadi	0	
ATIT	0	
Kale	0	
Satara	0	
Shirala	0	
K Mahankal	0	
Supa	0	
Vita	0	
Dondaicha	0	
Sakri	0	
Nandurbar	0	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	600	550
WARDHA	405	260
Other CPPs	0	
	1005	810
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1867
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3901
	3455	3901