



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

State Load Dispatch Center, Airoli

Daily system Report

for

08/Aug/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 08/Aug/2011 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	72.501	572.145	1) Madhya Pradesh	53.992	415.701
2) Hydro	19.130	129.430	2) Gujrat	28.955	256.654
3) Gas	10.456	80.821	3) Goa	-5.890	-44.579
Total MSGENCO	102.087	782.396	4) TAPS 1&2 (Inj.)	7.788	62.497
B) OTHERS			5) Pench (Excess)	-0.149	-2.614
1) RGPPL Gas	37.111	301.724	# Total Cent. Sector	84.696	687.659
2) Wind Generation	29.644	178.392	F) Other Exchanges		
3) CPP	20.388	180.210	1) With TPCL (Excess)	-14.093	-109.163
4) PENCH (MS)	0.149	4.200	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	17.135	148.195
1) TPCL Thermal	22.472	176.078	Include PX	1.415	10.102
2) TPCL Hydro	6.170	46.672	2) MUMBAI Bilateral	13.355	109.199
TOTAL TPCL	28.642	222.750	Include PX	0.342	1.981
3) REL Thermal	11.794	82.209	3) MUMBAI Schedule	13.943	112.410
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	106.767	830.432	1) MSEDCL	259.982	2025.418
2) Hydro (A2+B3+C2)	25.449	180.302	2) TPCL	36.094	274.784
3) Gas (A3+B1)	47.567	382.545	3) REL	18.432	139.311
4) Wind (B2)	29.644	178.392	TOTAL STATE	314.508	2439.513
5) CPP (B3)	20.388	180.210			
TOTAL STATE	229.815	1751.881			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	3147	3239	2978
MSGENCO Hydro	727	1371	159
MSGENCO Gas	438	439	433
MSGENCO Total Generation	4312	5049	3570
Central Sector Receipt	3701	3556	3036
RGPPL	1606	1604	1391
WIND	1300	1350	1122
CPP	1014	808	904
Exchange with Mumbai	-669	-600	-247
MSEDCL DEMAND MET	11264	11767	9776
Load Shedding (LS)	34	44	34
MSEDCL DEMAND (INCL. LS)	11298	11811	9810
TPCL GENERATION	1373	1378	797
REL GENERATION	521	522	519
TPCL+REL DEMAND	2563	2500	1563
STATE DEMAND MET	13827	14267	11339
Load Management (LM)	1230	2306	1118
Total Load Relief (LS+LM)	1264	2350	1152
UNRESTRICTED STATE DEMAND	15091	16617	12491
Frequency (Hz)	49.88	49.78	49.72

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 13.03 Hrs	49.31 Hz at 19.30 Hrs	49.78	0 % 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 08/Aug/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.75	22.72	137	88	140
Unit 6	3.44	10.43	160	104	130
Unit 7	3.54	22.75	170	130	120
	9.73	55.90			390
Bhusawal					
Unit 2	2.72	22.42	155	0	130
Unit 3	1.57	20.85	125	0	130
Unit 4		0.00	0	0	
	4.29	43.27			260
Parli					
Unit 3	0.00	3.78	0	0	0
Unit 4	2.80	19.52	143	92	125
Unit 5	0.00	11.59	0	0	0
Unit 6	2.67	2.92	167	0	75
Unit 7	3.16	23.31	165	80	160
	8.63	61.11			360
Chandrapur					
Unit 1	2.85	24.20	141	88	100
Unit 2	2.20	22.78	122	64	70
Unit 3	0.00	17.87	0	0	0
Unit 4	3.56	27.91	162	132	160
Unit 5	5.65	66.37	360	0	300
Unit 6	6.50	11.98	310	240	280
Unit 7	0.00	0.00	0	0	0
	20.76	171.11			910
Paras					
Unit 3	2.82	27.33	150	76	100
Unit 4	1.81	24.97	152	42	110
	4.62	52.30			210
Khaparkheda					
Unit 1	4.14	31.50	175	165	175
Unit 2	4.10	30.81	179	160	170
Unit 3	4.51	31.37	199	178	175
Unit 4	4.51	34.60	202	171	175
Unit 5		2.37	0	0	
	17.27	130.65			695
Nasik					
Unit 1		0.00	0	0	
Unit 2		0.00	0	0	
Unit 3	0.00	0.00	0	0	0
Unit 4	3.34	28.24	165	84	128
Unit 5	3.86	29.56	168	128	168
	7.19	57.80			296
Uran					
All Units	10.46	80.82	442	432	430
	10.46	80.82			430
Dabhol					
RGPPL	37.11	301.72	1611	1391	1300
	37.11	301.72			1300
Koyna					
Stage 1-2	3.52	29.04	385	40	520
Stage 4	8.87	42.86	910	0	250
Stage 3	2.95	22.28	240	0	320
	15.34	94.18			1090
Kovna 12&4 Total	12.39	71.90			770

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.94	7.07	40	39	36
VTRNA	0.00	0.82	0	0	0
TILLARI	0.74	6.13	60	0	60
BHTGR/VEER	0.19	1.40	8	7	5
BHIRA T.R.	0.48	3.92	82	0	80
RNGR+BHTSA	0.06	0.43	3	2	3
BHANDARDRA	0.14	3.48	24	0	25
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	1.25	10.10	60	49	10
GHATGHAR	0.00	1.90	0	0	0
	3.79	35.25			219
PENCH (MS)					
Pench (MS)	0.15	4.20	49	0	
	0.15	4.20			
Wind					
MalharPeth	1.37	11.61			
Vankuswadi	2.55	18.51			
ATIT	0.36	4.11			
Kale	0.79	5.87			
Satara	0.79	20.19			
Shirala	0.90	6.37			
K Mahankal	4.28	12.16			
Supa	0.38	2.29			
Vita	3.53	26.38			
Dondaicha	9.30	42.37			
Sakri	1.43	6.88			
Nandurbar	0.90	4.16			
Khandke	1.73	9.84			
Khaparale	1.33	7.64			
	29.64	178.39			
CPP					
JSW JAIGAD	11.06	105.30	698	271	800
WARDHA	6.29	50.11	281	242	260
Other CPPs	3.04	24.80			
	20.39	180.21			1060
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.36	90.15	490	405	490
Trombay 6	7.30	52.46	475	150	500
Trombay 7A	2.38	21.30	119	68	120
Trombay 7B	1.44	12.17	66	51	60
Trombay 8	0.00	0.00	0	0	0
TATA Hydro	6.17	46.67	418	0	447
	28.64	222.75			1617
REL					
1&2	11.79	82.21	523	258	500
	11.79	82.21			500
Cent Sect					
Share					3471
					3471

MS PG CL	Thermal	72.50	572.14		3121
	Thml+Gas	82.96	652.97		3551
	Hydro	19.13	129.43		1309
	Total	102.09	782.40		4860
State Total		229.82	1751.88		12808

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/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	3131	199	436	3766	1393	1210	875	3128	3293	-419	-301	10236	1556	10270	1780	13572	49.83
2	2975	157	434	3566	1394	1163	909	3036	3032	-323	-236	9828	1478	9862	1634	12940	49.86
3	2978	159	433	3570	1391	1122	904	3002	3036	-281	-247	9776	1152	9810	1563	12491	49.72
4	3020	196	436	3652	1392	1107	957	2981	3039	-259	-248	9907	1134	9941	1509	12550	49.73
5	3084	163	434	3681	1393	1138	1073	2986	3097	-265	-257	10152	1143	10186	1528	12823	49.76
6	3056	689	437	4182	1393	1243	1021	3007	3112	-286	-314	10658	1261	10692	1620	13539	49.70
7	2995	755	442	4192	1572	1225	1080	3048	3316	-345	-401	10984	1259	11018	1753	13996	49.79
8	2962	655	438	4055	1611	1133	1066	3094	3894	-393	-497	11262	1259	11296	1938	14459	49.96
9	3059	882	434	4375	1604	1280	1057	3164	3819	-464	-601	11534	1259	11568	2212	15005	49.83
10	3147	727	438	4312	1606	1300	1014	3418	3701	-590	-669	11264	1264	11298	2563	15091	49.88
11	2784	1000	436	4220	1609	1286	737	3667	3882	-746	-781	10953	1266	10987	2818	15037	49.73
12	2809	1394	434	4637	1602	1201	663	3719	3695	-803	-901	10897	1242	10931	2893	15032	49.70
13	2849	935	432	4216	1610	1315	666	3664	4143	-798	-908	11042	1243	11076	2850	15135	49.88
14	2834	649	433	3916	1598	1251	668	3547	4367	-730	-813	10987	1243	11021	2769	14999	49.88
15	2790	1157	435	4382	1586	1293	657	3569	4011	-736	-794	11135	1247	11169	2782	15164	49.71
16	2890	1492	439	4821	1595	1103	689	3431	3342	-806	-848	10739	1212	10773	2758	14709	49.80
17	2942	1716	439	5097	1591	1319	659	3391	3628	-765	-937	11406	1267	11450	2668	15341	49.78
18	3005	1381	435	4821	1594	1249	695	3356	3414	-917	-905	10875	1512	10919	2638	15025	49.78
19	3177	931	433	4541	1592	1354	724	3377	3531	-865	-666	11076	2153	11120	2560	15789	49.68
20	3199	1489	433	5121	1593	1147	785	3476	3361	-683	-583	11424	2343	11468	2588	16355	49.61
21	3239	1371	439	5049	1604	1350	808	3569	3556	-626	-600	11767	2350	11811	2500	16617	49.78
22	3251	674	435	4360	1599	1289	887	3591	3663	-646	-577	11221	2350	11265	2348	15919	49.73
23	3217	205	434	3856	1597	1269	920	3426	3563	-646	-515	10690	2350	10734	2196	15236	49.72
24	3108	154	437	3699	1592	1297	874	3191	3200	-554	-494	10168	2057	10212	2061	14286	49.79
MUs	72.50	19.13	10.46	102.09	37.11	29.64	20.39	79.84	84.70	-13.94	-14.09	259.98	36.60	260.88	54.53	351.11	49.78

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 08/Aug/2011

Position as on 6.30 Hrs of 09/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.	10/08/2011
Chandrapur Unit 7	500	29/06/2011	21:40		Continued.	COH	16/08/2011
Tata Trombay 8	250	15/07/2011	01:45		Continued.	AOH	08/08/2011
Cent_Sect NTPC(V-7)	500	18/07/2011	00.03		Continued.	Annual overhaul.	15/08/2011
Nasik Unit 3	210	23/07/2011	01.55		Continued.	Annual Overhaul.	15/08/2011
CPP WPCL U-4	135	24/07/2011	06.40		Continued.	Maint.Work.	10/08/2011
FORCED OUTAGE							
Uran Unit 5	108	15/07/2011	10.40		Continued.	Turbine Blade Replacement.	10/08/2011
Parli Unit 6	250	01/08/2011	02.47	08/08/2011	02.43	I D Fan Problem.	
Parli Unit 3	210	02/08/2011	12.43		Continued.	Due to wet coal.	
Khaparkheda Unit 5	500	05/08/2011	09.32		Continued.	H.P.Pump problem	
Parli Unit 5	210	05/08/2011	22:07		Continued.	Wet coal problem.	09/08/2011
Koyna Unit 5	80	06/08/2011	04.05	08/08/2011	19.50	LGB Cooler Leakage	09/08/2011
Chandrapur Unit 3	210	06/08/2011	11:36	09/08/2011	01.13	Tripped on furnace pressure high.	
CPP JSW (J) U1	300	07/08/2011	21.36	08/08/2011	02.11	Turbine Vibration High.	
Bhusawal Unit 2	210	08/08/2011	06.18	08/08/2011	08.18	Tripped.	
CPP JSW (J) U3	300	08/08/2011	09.53	08/08/2011	15.30	Generator Prot.Operated.	
Chandrapur Unit 5	500	08/08/2011	09.59	08/08/2011	15.42	Stator Earth Fault.	
CPP JSW (J) U1	300	08/08/2011	10.30		Continued.	Bearing Vibration High.	10/08/2011
Bhusawal Unit 3	210	08/08/2011	14.00		Continued.	Boiler Tube Leakage.	11/08/2011
REL 2	250	08/08/2011	15.44	08/08/2011	17.53	Station T/F trip.	
Dabhol 1B	230	08/08/2011	23.58		Continued.	Gas Valve Problem.	09/08/2011
Dabhol 1X	290	08/08/2011	23.58		Continued.	Gas Valve Problem.	09/08/2011
Cent_Sect NTPC(V-4)	210	09/08/2011	00.07		Continued.	Flame Failure.	10/08/2011
Cent_Sect NTPC(V-2)	210	09/08/2011	00.18		Continued.	Wet Coal.	10/08/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/Aug/2011

Position as on 6.30 Hrs of 09/Aug/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad- II	26/07/2011	20.52		Continued.	Over voltage.
Akola - Wardha - I	26/07/2011	23.53		Continued.	Over Voltage.
Akola - Wardha - II	31/07/2011	22.03		Continued.	Over Voltage
Kolhapur - Mapusa - I	02/08/2011	18.13		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	07/08/2011	14.06	08/08/2011	07.16	Over Voltage.
Karad - Solapur (PGCIL)	07/08/2011	22.10	08/08/2011	06.58	Over Voltage.
Dhule-Sar'Sarovar - II	07/08/2011	23.53		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	09/08/2011	01.49		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Bus Coupler at 400KV Karad.	04/08/2011	12.40		Continued.	400KV Jaigad-Karad stringing work.Upto 9.8.11.
New Koyna - Dabhol - II	08/08/2011	11.40	08/08/2011	15.51	Fixing of broken PA rod at Loc. No. 111.
600 MVA 21/400 KV GT-VI @ Chandrapur	08/08/2011	12.24		Continued.	H V Side is on TBC for CRM of Main Bkr.
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 16.08.2011.
100 KV Group Breaker - II at 220 kv Trombay	28/07/2011	08:56		Continued.	CT Replacement work (up to 10/08/2011)
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.
Main Bus-II At 220 KV BBLSR	06/08/2011	11.27		Continued.	Construction Works of L V Bay of New ICT Upto 10.8.11.
Kolhapur-Sawantwadi	08/08/2011	09.36	08/08/2011	16.25	Isolator maintenance work.
New Koyna - Pawas	08/08/2011	12.41	08/08/2011	19.51	Making LILO for 220 KV Niwali Phata S/S.
Girwali - Parly - IV	08/08/2011	13.25	08/08/2011	16.12	Replacement of Safety Valve of Tank.
Voltage Level : 110KV			Outage Type PLANNED OUTAGE		
Kalyan-Salsette I	08/08/2011	09.38	08/08/2011	16.00	Installation of bird prevention measure at Loc. No. 101-105.
Voltage Level : 500KV			Outage Type HAND TRIPPED		
Chandrapur-Padaghe Pole - II	08/08/2011	09.17		Continued.	Annual Maintenance Work of All Equipment in AC/DC Yard upto 20.8.11.
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	07/08/2011	21.44	08/08/2011	07.07	Over Voltage.
Bhusawal- Aurangabad	08/08/2011	23.04		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Bus Coupler @ WPCL	07/06/2011	17.22		Continued.	As being normally kept open.
Chandrapur - Warora	03/07/2011	21.47		Continued.	To Control Wardha-Warora & Wardha-Hinganghat loading.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/Aug/2011

Position as on 6.30 Hrs of 09/Aug/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Babaleshwar - Bhenda	24/07/2011	08.30		Continued.	To Control Babaleshwar ICT Loading.
Abhijeet-Wardha-I	04/08/2011	05.14		Continued.	To control Wardha-Y'mal line loading.
Bale-Murud	07/08/2011	10.20	08/08/2011	13.43	To Control Parly ICT Loading.
Bale-Osmanbad	07/08/2011	10.20	08/08/2011	13.43	To Control Parly ICT Loading.
BBLSR-Waluj	08/08/2011	07.55		Continued.	To control BBLSR ICT Loading.
Padgha - Temghar - II	08/08/2011	17.06	09/08/2011	01.02	To control Padgha 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).
220/7 KV 20 MVA Stn.T/F-II at Korady	29/07/2011	16.30		Continued.	220kv Bus Bar Protection Operated.
Koradi-Butibori	07/08/2011	21.18	08/08/2011	18.02	Backup Protection Operated O/C & E/F @ Both End. Bkr Problem @ Koradi. Ckt is Charged from Butibori @ 22.05 & TSS.
Khaparkheda-Kawlewada-I	08/08/2011	21.26	08/08/2011	21.39	Dist. Prot. Operated Z-I R Phase.
Babaleshwar - Nagar - I	08/08/2011	22.43	08/08/2011	23.00	Dist. Prot. from Nagar End Only.
Voltage Level : 132KV			Outage Type TRIPPED		
Amravati - Achalpur	08/08/2011	19.31	08/08/2011	19.46	Dist. Prot. Operated Z-I R Ph to E.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 09/Aug/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	135
Unit 6	210	120
Unit 7	210	160
	620	415
Bhusawal		
Unit 2	210	160
Unit 3	210	0
Unit 4	0	
	420	160
Parli		
Unit 3	210	0
Unit 4	210	130
Unit 5	210	0
Unit 6	250	150
Unit 7	250	140
	1130	420
Chandrapur		
Unit 1	210	140
Unit 2	210	120
Unit 3	210	30
Unit 4	210	150
Unit 5	500	360
Unit 6	500	250
Unit 7	500	0
	2340	1050
Paras		
Unit 3	250	90
Unit 4	250	70
	500	160
Khaparkheda		
Unit 1	210	182
Unit 2	210	176
Unit 3	210	193
Unit 4	210	192
Unit 5	500	
	1340	743
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	0
Unit 4	210	122
Unit 5	210	142
	870	264
Uran		
All Units	852	430
	852	430
Dabhol		
RGPP	1940	1570
	1940	1570
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	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	0
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	20
GHATGHAR	250	0
	611	196
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	530
WARDHA	405	260
Other CPPs	0	
	1005	790
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	0
TATA Hydro	444	447
	2024	1627
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3560
	3455	3560