



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

State Load Dispatch Center, Airoli

Daily system Report

for

08/Mar/2011

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	133.217	1090.358	1) Madhya Pradesh	56.356	469.420
2) Hydro	24.900	158.037	2) Gujrat	29.553	230.737
3) Gas	15.253	121.346	3) Goa	-6.694	-51.662
Total MSGENCO	173.370	1369.741	4) TAPS 1&2 (Inj.)	3.957	42.513
B) OTHERS			5) Pench (Excess)	-0.329	-2.285
1) RGPPL Gas	33.147	222.449	# Total Cent. Sector	82.843	688.723
2) Wind Generation	3.890	20.639	F) Other Exchanges		
3) CPP	27.322	178.882	1) With TPCL (Excess)	-11.764	-79.931
4) PENCH (MS)	0.329	2.285	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	10.708	130.724
1) TPCL Thermal	25.478	190.788	Include PX	0.000	0.000
2) TPCL Hydro	3.698	26.495	2) MUMBAI Bilateral	11.613	78.099
TOTAL TPCL	29.176	217.283	Include PX	2.946	16.249
3) REL Thermal	12.693	101.376	3) MUMBAI Schedule	11.613	78.099
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	171.388	1382.522	1) MSEDCL	309.137	2402.788
2) Hydro (A2+B3+C2)	28.927	186.817	2) TPCL	35.680	263.046
3) Gas (A3+B1)	48.400	343.795	3) REL	17.951	135.508
4) Wind (B2)	3.890	20.639	TOTAL STATE	362.768	2801.342
5) CPP (B3)	27.322	178.882			
TOTAL STATE	279.927	2112.655			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	5526	5456	5525
MSGENCO Hydro	1631	1311	156
MSGENCO Gas	574	638	647
MSGENCO Total Generation	7731	7405	6328
Central Sector Receipt	3900	3484	2929
RGPPL	1384	1373	1502
WIND	33	291	55
CPP	1226	1108	944
Exchange with Mumbai	-677	-598	-232
MSEDCL DEMAND MET	13624	13116	11526
Load Shedding (LS)	987	259	0
MSEDCL DEMAND (INCL. LS)	14611	13375	11526
TPCL GENERATION	1578	1473	915
REL GENERATION	530	527	529
TPCL+REL DEMAND	2785	2598	1676
STATE DEMAND MET	16409	15714	13202
Load Management (LM)	2225	3602	0
Total Load Relief (LS+LM)	3212	3861	0
UNRESTRICTED STATE DEMAND	19621	19575	13202
Frequency (Hz)	49.85	49.87	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.43 Hz at 18.02 Hrs	49.54 Hz at 05.56 Hrs	49.86	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/Mar/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.11	32.90	180	161	180
Unit 6	4.24	35.44	193	150	180
Unit 7	4.70	25.24	205	190	200
	13.05	93.58			560
Bhusawal					
Unit 2	3.84	33.34	185	140	
Unit 3	4.40	35.74	200	150	180
Unit 4			0	0	200
	8.24	69.07			380
Parli					
Unit 3	4.34	33.91	198	155	185
Unit 4	4.26	32.84	186	166	185
Unit 5	4.25	33.18	189	160	180
Unit 6	5.37	34.72	247	172	245
Unit 7	5.50	33.79	248	190	235
	23.72	168.44			1030
Chandrapur					
Unit 1	4.04	31.06	171	160	165
Unit 2	4.09	32.33	174	158	165
Unit 3	0.00	20.80	0	0	0
Unit 4	4.45	35.77	196	158	195
Unit 5	11.36	91.84	495	445	490
Unit 6	11.09	89.03	475	440	480
Unit 7	11.34	86.57	483	450	480
	46.36	387.40			1975
Paras					
Unit 3	5.81	45.18	252	216	240
Unit 4	0.00	33.25	0	0	0
	5.81	78.43			240
Khaparkheda					
Unit 1	4.68	39.63	200	180	210
Unit 2	4.56	37.67	200	180	210
Unit 3	4.68	40.68	206	173	210
Unit 4	4.73	40.86	205	185	210
Unit 5			0	0	
	18.64	158.84			840
Nasik					
Unit 1	2.06	16.07	90	77	90
Unit 2	1.98	16.14	92	70	90
Unit 3	4.46	35.10	195	165	190
Unit 4	4.73	34.81	208	189	200
Unit 5	4.14	32.48	183	142	180
	17.39	134.60			750
Uran					
All Units	15.25	121.35	674	574	640
	15.25	121.35			640
Dabhol					
RGPPL	33.15	222.45	1508	1226	1400
	33.15	222.45			1400
Koyna					
Stage 1-2	4.37	29.26	490	40	600
Stage 4	11.74	70.24	1009	0	250
Stage 3	3.89	21.68	320	0	320
	20.01	121.18			1170
Kovna 12&4 Total	16.12	99.50			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.46	2.56	20	19	19
VTRNA	1.18	6.82	61	0	60
TILLARI	0.44	3.55	60	0	60
BHTGR/VEER	0.07	0.40	3	3	4
BHIRA T.R.	0.15	1.48	70	0	80
RNGR+BHTSA	0.36	3.05	15	15	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	
SMLHY PTN	1.12	7.75	47	46	
GHATGHAR	1.12	11.24	125	0	
	4.89	36.86			238
PENCH (MS)					
Pench (MS)	0.33	2.28	53	0	
	0.33	2.28			
Wind					
MalharPeth	0.14	0.62			
Vankuswadi	0.36	1.78			
ATIT	0.05	0.23			
Kale	0.12	0.58			
Satara	0.26	1.28			
Shirala	0.11	0.52			
K Mahankal	0.04	0.42			
Supa	0.25	0.81			
Vita	0.15	2.15			
Dondaicha	1.59	7.43			
Nandurbar	0.17	0.87			
Khandke	0.25	1.80			
Khaparale	0.15	0.89			
	3.64	19.39			
CPP					
JSW JAIGAD	12.58	71.26	576	430	550
WARDHA	7.68	58.72	372	226	366
Other CPPs	7.06	48.90			
	27.32	178.88			916
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.14	83.14	490	350	500
Trombay 6	6.04	42.68	440	150	500
Trombay 7A	2.89	23.31	125	116	120
Trombay 7B	1.61	12.91	68	66	60
Trombay 8	3.80	28.75	160	150	160
TATA Hydro	3.70	26.50	306	0	447
	29.18	217.28			1787
REL					
1&2	12.69	101.38	530	527	500
	12.69	101.38			500
Cent Sect					
Share					3200
					3200

MS PG CL	Thermal	133.22	1090.36			5775
	Thml+Gas	148.47	1211.70			6415
	Hydro	24.90	158.04			1408
	Total	173.37	1369.74			7823
State Total		279.93	2112.66			15626

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/Mar/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	5513	216	652	6381	1508	59	984	2955	2676	-300	-291	11317	336	11317	1884	13537	49.90
2	5525	156	647	6328	1502	55	944	2884	2929	-226	-232	11526	0	11526	1676	13202	49.94
3	5536	134	655	6325	1501	43	956	2836	3195	-176	-172	11848	564	11878	1586	13998	49.90
4	5597	124	658	6379	1477	57	954	2814	3191	-151	-146	11912	1695	11942	1540	15147	49.22
5	5588	185	664	6437	1343	71	999	2814	3399	-151	-147	12102	1839	12132	1519	15460	49.82
6	5556	822	662	7040	1282	124	1089	2781	3064	-151	-196	12403	2220	12471	1593	16216	49.81
7	5631	1091	664	7386	1428	142	1176	2852	3166	-226	-258	13040	2424	13190	1737	17201	49.90
8	5680	1025	674	7379	1404	120	1197	2900	3644	-276	-297	13447	2500	13673	1865	17812	49.86
9	5602	1394	649	7645	1378	77	1208	3043	3649	-426	-443	13522	2658	13906	2106	18286	49.85
10	5609	1862	622	8093	1382	65	1232	3202	3285	-587	-608	13474	2966	14170	2457	18897	49.82
11	5607	1421	609	7637	1384	68	1205	3266	3575	-647	-677	13219	3207	14242	2685	19111	49.91
12	5526	1631	574	7731	1384	33	1226	3271	3900	-652	-677	13624	3212	14611	2785	19621	49.85
13	5569	1686	580	7835	1379	41	1229	3422	3859	-826	-853	13490	3276	14541	2763	19529	49.87
14	5543	1722	584	7849	1376	91	1210	3324	3872	-730	-738	13660	3148	14583	2648	19456	49.84
15	5526	1766	588	7880	1374	179	1231	3380	3897	-754	-767	13794	3039	14709	2686	19519	49.80
16	5550	1765	609	7924	1372	260	1207	3430	3731	-754	-744	13750	2968	14594	2743	19461	49.98
17	5568	1776	644	7988	1373	283	1216	3504	3757	-754	-739	13878	2810	14608	2713	19401	50.03
18	5582	1322	649	7553	1388	305	1224	3443	3837	-682	-670	13637	2595	14387	2628	18860	50.04
19	5541	1329	646	7516	1379	277	1180	3202	3535	-506	-511	13381	3466	13732	2554	19401	50.00
20	5456	1311	638	7405	1373	291	1108	3368	3484	-602	-598	13116	3861	13375	2598	19575	49.87
21	5577	1094	635	7306	1374	269	1182	3352	3474	-562	-552	13106	3760	13264	2483	19349	49.88
22	5479	698	636	6813	1319	331	1199	3328	3256	-538	-529	12440	3653	12496	2317	18410	49.81
23	5444	185	654	6283	1226	322	1115	3343	3456	-540	-528	11926	3633	11971	2087	17646	49.88
24	5412	185	660	6257	1241	327	1051	3172	3012	-400	-391	11525	3588	11525	1980	17093	49.90
MUs	133.2 2	24.90	15.25	173.37	33.15	3.89	27.32	75.89	82.84	-11.61	-11.76	309.14	63.42	318.84	53.63	426.19	49.86

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/Mar/2011

Position as on 6.30 Hrs of 09/Mar/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Dabhol 3B	230	04/01/2011	16:44		Continued.	Rehabilitation work.	10/03/2011
Cent_Sect Tarapur 2	80	04/03/2011	01.25		Continued.	Refueling Work.	04/04/2011
FORCED OUTAGE							
Chandrapur Unit 3	210	05/03/2011	14.32		Continued.	UAT Trip.	08/03/2011
Cent_Sect NTPC(V-7)	500	06/03/2011	18:47	08/03/2011	14.01	Boiler Tube Leakage.	
Paras Unit 4	250	07/03/2011	05.38		Continued.	Boiler Tube Leakage	10/03/2011
CPP WPCL U-3	135	08/03/2011	00.56	08/03/2011	04.42	Tripped	
CPP WPCL U-1	135	08/03/2011	00:00		Continued.	Filter work.	10/03/2011
Dabhol 1A	230	08/03/2011	21.37	09/03/2011	02.06	Due to Control Supply Problem.	

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

Position as on 6.30 Hrs of 09/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Karad-Lonikand	08/03/2011	12.34	08/03/2011	13.16	Charging of 80 MVAR Reactor.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - II	06/03/2011	22.36	08/03/2011	07.27	Over Voltage
Kolhapur-Mapusa-II	07/03/2011	21.56	08/03/2011	08.38	Over Voltage
Dhule-Sar'Sarovar - I	08/03/2011	00.30	08/03/2011	15.43	Over Voltage
Dhule-Sar'Sarovar - I	08/03/2011	22.49		Continued.	Over Voltage.
Kolhapur - Mapusa - I	08/03/2011	23.05		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Bablsr-Padgha Ckt I	08/03/2011	14.11	08/03/2011	22.33	Jumper Replacement Work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
220/100 KV125 MVA ICT-III @Trombay	06/01/2011	12.03		Continued.	Augmentation by New 200 MVA ICT up to 20.03.2011.
Borivali-Mulund	06/02/2011	22.17		Continued.	From Borivali end for strengthening Mumbai system up to 10.03.11
Kalwa - Borivali	06/02/2011	22.51		Continued.	From Kalwa end strengthening Mumbai system up to 10.03.11
220/110 KV 100 MVA T/F - II @ Mudshingi	07/02/2011	15.12		Continued.	Augmentation by 200 MVA.up to 15/03/11
220/132KV 100 MVA ICT-I @ Khadka	10/02/2011	10.14		Continued.	Replacement of 100MVA by 200 MVA ICT(Electrical Inspection Remaining)
Tifil-Trombay	13/02/2011	09.50		Continued.	Stringing of new Ckt.between loc.no.22-39 on newly erected towers up to 13.03.2011.
220/132 KV 150 MVA ICT-I @ Dhule	26/02/2011	10.55		Continued.	Repl.of 150MVA ICT by 200MVA ICT up to 31.03.2011
Babaleshwar - Ranjangaon	28/02/2011	10.00	09/03/2011	00.17	Insulator Replacement(ready for charging at 11.30Hrs/01/03/2011)
220/100KV 125 MVA ICT-II @ Kalwa	28/02/2011	11.10		Continued.	Augmetation to 200 MVA up to 31.03.2011.
Bus Sectionaliser @ Parly - II	08/03/2011	08.30		Continued.	Replacement of Breaker.
Mudshingi-Karad CKT IV	08/03/2011	09.04	08/03/2011	16.26	Replacement of Disc Insulator.
220/132 KV 100 MVA T/F - I @ Peth	08/03/2011	09.25	08/03/2011	19.10	Paralleling I & II 100 MVA T/F C T Replacement of 100 MVA T/F - I L V Side.
220/132 KV 100 MVA T/F - II @ Peth	08/03/2011	09.25	08/03/2011	19.10	Paralleling I & II 100 MVA T/F C T Replacement of 100 MVA T/F - I L V Side.
Satara MIDC-Vankushwadi-I	08/03/2011	09.45	08/03/2011	14.50	Measurment of Tan Delta of C T.
Kharghar-TSS	08/03/2011	09.59	08/03/2011	16.43	Insulator Replacement Work.
New Koyana - Pawas	08/03/2011	10.07	08/03/2011	17.20	Replacement of Y Ph W/T Insulator & Attending Red Hot on W/T.
Vita - Miraj	08/03/2011	10.10	08/03/2011	17.20	Due to 220 KV Main Bus Outage.
Vita-Maisal	08/03/2011	10.13	08/03/2011	17.20	Due to 220 KV Main Bus Outage.
Vita - Karad II	08/03/2011	10.15	08/03/2011	17.18	Due to 220 KV Main Bus Outage.
Vita - Ghatnandre	08/03/2011	10.17	08/03/2011	17.20	Due to 220 KV Main Bus Outage.

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

Position as on 6.30 Hrs of 09/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Bus Section - II @ Vita	08/03/2011	10.20	08/03/2011	14.28	Maint.Work of 220 KV Main Bus Isolator.
Talangade - Mumewadi	08/03/2011	10.31	08/03/2011	17.07	Removing of Bunching & Completing the LILO Work of Mumewadi S/S.
Momewadi -Halkarni	08/03/2011	10.31	08/03/2011	15.40	Removing of Bunching & Completing the LILO Work of Mumewadi S/S.
Apta-HOC	08/03/2011	14.02	08/03/2011	17.15	Testing Work.
Satara,MIDC-Wankuswadi 2	08/03/2011	14.15	08/03/2011	17.10	R.M.Work.
Bus Section - I @ Vita	08/03/2011	15.59	08/03/2011	17.20	Q.M.Work.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
LV CB of 400/220 kV 315 MVA ICT-1 @ Parli	11/02/2011	22:43		Continued.	PDR problem (ICT LV side is on TBC)
Girawli-Parli-III	05/03/2011	04.44		Continued.	Attending compressor problem.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	07/03/2011	22.02	08/03/2011	05.37	Over Voltage
Karad - Kolhapur - II	07/03/2011	23.23	08/03/2011	07.07	Over Voltage
Bhusawal- Aurangabad	08/03/2011	22.39	09/03/2011	05.04	Over Voltage.
Karad - Kolhapur - I	08/03/2011	23.34		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chandrapur-Warora - I	01/02/2011	00.39		Continued.	To Control Line Loading of 220KV Warora-Hinganghat.
Hingoli-Parbhani	03/03/2011	16.12		Continued.	H/T to control 220KV Wardha-Yawatmal ckt.loading.
Dhule-Chalisgaon	04/03/2011	17.13	08/03/2011	16.20	To control Dhule ICT loading.
Wardha-Abhijeet II	05/03/2011	07.49		Continued.	To control 220KV Ambazari-AEPL ckt.loading.
Babaleshwar - Bhenda	05/03/2011	20.47		Continued.	For BBLSR ICT-I outage.
Alephata-Kathapur	06/03/2011	07.52		Continued.	To control Load on BBLSR ICT
BBLSR-Waluj	08/03/2011	07.28		Continued.	To Control Bblsr ICT Loading.
Chinchwad - Parvati	08/03/2011	08.32	08/03/2011	22.39	To Control Lonikand ICT Loading.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirpur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Kalwa - Salshet - I	18/02/2011	10.56		Continued.	From Kalwa End
Voltage Level : 220KV			Outage Type TRIPPED		
Dahanu-Ghodbandar-II	09/03/2011	05.05		Continued.	R & Y Ph Fault.
Voltage Level : 132KV			Outage Type TRIPPED		
Giravali-Gangakhed	08/03/2011	12.38	08/03/2011	12.50	Distance Protection Z- I B Ph.
Lonand - Phaltan - I	09/03/2011	00.15	09/03/2011	01.10	C T Burst of 132/22 KV 50 MVA T/F-I @ Phaltan.
Lonand - Phaltan - II	09/03/2011	00.15	09/03/2011	01.04	C T Burst of 132/22 KV 50 MVA T/F-I @ Phaltan.
Voltage Level : 110KV			Outage Type TRIPPED		
110/11 KV,16 MVA T/F at Bargaon.	04/03/2011	17.30		Continued.	Buchholz

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 09/Mar/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	165
Unit 6	210	170
Unit 7	210	195
	620	530
Bhusawal		
Unit 2	210	160
Unit 3	210	200
Unit 4	500	
	920	360
Parli		
Unit 3	210	185
Unit 4	210	185
Unit 5	210	185
Unit 6	250	160
Unit 7	250	180
	1130	895
Chandrapur		
Unit 1	210	165
Unit 2	210	165
Unit 3	210	0
Unit 4	210	195
Unit 5	500	490
Unit 6	500	480
Unit 7	500	480
	2340	1975
Paras		
Unit 3	250	240
Unit 4	250	0
	500	240
Khaparkheda		
Unit 1	210	210
Unit 2	210	200
Unit 3	210	175
Unit 4	210	200
Unit 5	500	
	1340	785
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	180
Unit 4	210	210
Unit 5	210	180
	870	750
Uran		
All Units	852	640
	852	640
Dabhol		
RGPP	960	1400
	960	1400
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	19

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	3
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	15
GHATGHAR	250	0
	611	252
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	
Nandurbar	0	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	300	550
WARDHA	135	352
Other CPPs	0	
	435	902
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3416
	3143	3416