



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

State Load Dispatch Center, Airoli

Daily system Report

for

07/Mar/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 07/Mar/2011 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	131.372	957.141	1) Madhya Pradesh	53.547	413.064
2) Hydro	28.256	133.137	2) Gujrat	29.091	201.184
3) Gas	15.272	106.093	3) Goa	-6.840	-44.968
Total MSGENCO	174.900	1196.371	4) TAPS 1&2 (Inj.)	3.955	38.556
B) OTHERS			5) Pench (Excess)	-0.426	-1.956
1) RGPPL Gas	32.847	189.302	# Total Cent. Sector	79.327	605.880
2) Wind Generation	1.520	16.749	F) Other Exchanges		
3) CPP	24.099	151.560	1) With TPCL (Excess)	-11.745	-68.167
4) PENCH (MS)	0.426	1.956	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	12.899	120.017
1) TPCL Thermal	24.052	165.310	Include PX	0.000	0.000
2) TPCL Hydro	3.764	22.797	2) MUMBAI Bilateral	11.557	66.486
TOTAL TPCL	27.816	188.107	Include PX	2.965	13.303
3) REL Thermal	12.669	88.683	3) MUMBAI Schedule	11.557	66.486
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	168.093	1211.134	1) MSEDCL	301.374	2093.651
2) Hydro (A2+B3+C2)	32.446	157.890	2) TPCL	34.756	227.366
3) Gas (A3+B1)	48.119	295.395	3) REL	17.471	117.557
4) Wind (B2)	1.520	16.749	TOTAL STATE	353.601	2438.574
5) CPP (B3)	24.099	151.560			
TOTAL STATE	274.277	1832.728			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 1 Hrs
MSGENCO Thermal	5401	5389	5710
MSGENCO Hydro	1953	1665	120
MSGENCO Gas	587	618	674
MSGENCO Total Generation	7941	7672	6504
Central Sector Receipt	3338	3171	2720
RGPPL	1369	1333	1538
WIND	67	126	33
CPP	1003	1168	736
Exchange with Mumbai	-781	-627	-282
MSEDCL DEMAND MET	12989	12893	11249
Load Shedding (LS)	1174	578	0
MSEDCL DEMAND (INCL. LS)	14163	13471	11249
TPCL GENERATION	1423	1443	916
REL GENERATION	528	529	523
TPCL+REL DEMAND	2732	2599	1721
STATE DEMAND MET	15721	15492	12970
Load Management (LM)	2132	3370	45
Total Load Relief (LS+LM)	3306	3948	45
UNRESTRICTED STATE DEMAND	19027	19440	13015
Frequency (Hz)	49.71	49.82	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.31 Hz at 01:54 Hrs	49.34 Hz at 20:39 Hrs	49.85	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 07/Mar/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.08	28.79	179	161	170
Unit 6	4.56	31.21	200	173	200
Unit 7	4.72	20.54	200	185	200
	13.35	80.54			570
Bhusawal					
Unit 2	4.16	29.49	180	160	180
Unit 3	4.54	31.34	200	165	175
Unit 4			0	0	
	8.70	60.82			355
Parli					
Unit 3	4.20	29.57	192	143	180
Unit 4	4.17	28.58	183	163	180
Unit 5	4.40	28.93	195	169	180
Unit 6	5.15	29.35	247	179	200
Unit 7	4.04	28.29	252	117	125
	21.95	144.72			865
Chandrapur					
Unit 1	3.97	27.03	173	145	165
Unit 2	4.07	28.24	177	163	165
Unit 3	0.00	20.80	0	0	0
Unit 4	4.42	31.32	196	165	190
Unit 5	11.44	80.48	500	445	490
Unit 6	10.72	77.94	483	385	480
Unit 7	10.84	75.23	480	385	470
	45.47	341.03			1960
Paras					
Unit 3	5.71	39.37	252	205	240
Unit 4	1.21	33.25	236	0	0
	6.92	72.62			240
Khaparkheda					
Unit 1	4.48	34.96	215	165	210
Unit 2	4.48	33.11	205	165	210
Unit 3	4.66	36.00	218	175	210
Unit 4	4.67	36.14	217	172	210
Unit 5			0	0	
	18.28	140.20			840
Nasik					
Unit 1	2.04	14.00	91	71	81
Unit 2	2.02	14.16	90	80	81
Unit 3	4.30	30.63	195	165	162
Unit 4	4.44	30.08	203	161	192
Unit 5	3.91	28.34	176	148	162
	16.70	117.21			678
Uran					
All Units	15.27	106.09	678	585	640
	15.27	106.09			640
Dabhol					
RGPPL	32.85	189.30	1543	1210	1500
	32.85	189.30			1500
Koyna					
Stage 1-2	5.14	24.89	455	40	520
Stage 4	14.36	58.50	1097	0	250
Stage 3	4.10	17.79	240	0	320
	23.60	101.17			1090
Kovna 12&4 Total	19.50	83.39			770

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.46	2.10	19	19	19
VTRNA	0.90	5.64	61	0	0
TILLARI	0.42	3.11	60	0	60
BHTGR/VEER	0.08	0.32	4	3	1
BHIRA T.R.	0.10	1.33	41	0	80
RNGR+BHTSA	0.38	2.69	16	15	17
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.99	6.63	42	41	0
GHATGHAR	1.32	10.13	240	0	0
	4.66	31.96			177
PENCH (MS)					
Pench (MS)	0.43	1.96	52	0	
	0.43	1.96			
Wind					
MalharPeth	0.06	0.48			
Vankuswadi	0.21	1.41			
ATIT	0.02	0.18			
Kale	0.08	0.46			
Satara	0.19	1.02			
Shirala	0.07	0.41			
K Mahankal	0.01	0.39			
Supa	0.03	0.56			
Vita	0.42	2.00			
Dondaicha	0.16	5.84			
Nandurbar	0.02	0.70			
Khandke	0.11	1.55			
Khaparale	0.11	0.74			
	1.48	15.75			
CPP					
JSW JAIGAD	9.22	58.68	525	206	550
WARDHA	7.73	51.04	360	250	306
Other CPPs	7.15	41.84			
	24.10	151.56			856
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.20	72.00	490	300	500
Trombay 6	5.72	36.64	370	150	500
Trombay 7A	2.89	20.43	124	116	120
Trombay 7B	1.61	11.30	68	67	60
Trombay 8	3.63	24.95	162	74	150
TATA Hydro	3.76	22.80	306	0	447
	27.82	188.11			1777
REL					
1&2	12.67	88.68	530	520	500
	12.67	88.68			500
Cent Sect					
Share					3264
					3264

MS PG CL	Thermal	131.37	957.14			5508
	Thml+Gas	146.64	1063.23			6148
	Hydro	28.26	133.14			1267
	Total	174.90	1196.37			7415
State Total		274.28	1832.73			15312

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/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	5710	120	674	6504	1538	33	736	2965	2720	-276	-282	11249	45	11249	1721	13015	49.91
2	5714	120	678	6512	1430	32	732	2919	3112	-226	-236	11582	0	11582	1560	13142	50.07
3	5674	161	672	6507	1323	51	735	2872	3105	-176	-165	11556	1164	11606	1466	14186	49.96
4	5688	318	672	6678	1251	38	736	2825	3278	-126	-125	11856	1294	11908	1422	14572	50.03
5	5676	461	674	6811	1212	69	749	2827	3188	-126	-135	11894	1398	11946	1430	14722	49.97
6	5543	534	671	6748	1210	77	833	2759	3605	-126	-172	12301	1635	12379	1446	15382	49.90
7	5463	1108	675	7246	1368	61	952	2856	3367	-226	-246	12748	1866	12895	1652	16266	49.81
8	5375	1476	676	7527	1370	51	955	2903	3148	-276	-286	12765	2228	13273	1783	16776	49.86
9	5405	1568	661	7634	1371	30	951	2975	3566	-351	-368	13207	2405	13892	2013	17625	49.86
10	5393	1847	638	7878	1372	55	952	3167	3154	-549	-547	12914	2732	13929	2372	18018	49.71
11	5376	1669	617	7662	1368	67	974	3341	3341	-720	-726	12738	3257	14022	2610	18605	49.82
12	5401	1953	587	7941	1369	67	1003	3365	3338	-744	-781	12989	3306	14163	2732	19027	49.71
13	5419	1985	585	7989	1372	45	1145	3422	3523	-824	-857	13269	3381	14518	2753	19403	49.74
14	5474	1730	590	7794	1372	41	1165	3302	3661	-704	-723	13310	3255	14433	2612	19177	49.88
15	5443	1727	601	7771	1366	30	1194	3349	3659	-752	-738	13282	3242	14530	2668	19192	49.78
16	5453	2051	612	8116	1292	28	1187	3373	3544	-776	-753	13414	3202	14622	2684	19300	49.88
17	5454	1677	611	7742	1271	35	1203	3325	3855	-728	-726	13380	3071	14473	2646	19097	49.93
18	5377	1509	615	7501	1278	80	1179	3278	4114	-678	-656	13496	2931	14632	2620	19047	49.94
19	5405	1476	614	7495	1285	117	1177	3065	3246	-532	-518	12821	3703	13602	2503	19027	49.84
20	5389	1665	618	7672	1333	126	1168	3256	3171	-652	-627	12893	3948	13471	2599	19440	49.82
21	5407	1099	624	7130	1528	139	1154	3168	3099	-538	-560	12541	3771	12944	2472	18784	49.64
22	5402	934	629	6965	1543	119	1157	3144	2870	-514	-538	12167	3363	12167	2327	17857	49.69
23	5377	699	639	6715	1516	67	1049	3111	2879	-540	-560	11691	3354	11691	2132	17177	49.73
24	5354	369	639	6362	1509	62	1013	2940	2784	-400	-420	11311	3354	11311	2007	16672	49.84
MUs	131.37	28.26	15.27	174.90	32.85	1.52	24.10	74.51	79.33	-11.56	-11.74	301.37	61.90	315.24	52.23	415.51	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 07/Mar/2011

Position as on 6.30 Hrs of 08/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							
Koyna Unit 5	80	27/02/2011	07.25	07/03/2011	16.20	Needle replacement	
CPP JSW (J) U1	300	03/03/2011	22.31	07/03/2011	10.38	Condenser Tube leakage.	
Koyna Unit 6	75	05/03/2011	07.25	07/03/2011	14.40	Turbine drain pipe leakage.	
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		Continued.	Boiler Tube Leakage.	08/03/2011
Paras Unit 4	250	07/03/2011	05.38		Continued.	Boiler Tube Leakage	10/03/2011
Dabhol 3X	290	07/03/2011	15.24	07/03/2011	19.27	Tripped during Testing	
Dabhol 3A	230	07/03/2011	15.26	07/03/2011	18.36	Tripped during Testing	
CPP WPCL U-3	135	08/03/2011	00.56	08/03/2011	04.42	Tripped	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 07/Mar/2011

Position as on 6.30 Hrs of 08/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Akola - Aurangabad- II	07/03/2011	10.07	07/03/2011	11.29	Main Breaker Oil Pressure Low
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - II	06/03/2011	22.36		Continued.	Over Voltage
Kolhapur - Mapusa - I	06/03/2011	22.45	07/03/2011	07.17	Over Voltage
Dhule-Sar'Sarovar - I	07/03/2011	00.15	07/03/2011	06.57	Over Voltage
Kolhapur-Mapusa-II	07/03/2011	21.56		Continued.	Over Voltage
Dhule-Sar'Sarovar - I	08/03/2011	00.30		Continued.	Over Voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220KV,315 MVA ICT-I at Kolhapur.	07/03/2011	11.54	07/03/2011	18.04	R.M.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 08.03.11
Kalwa - Borivali	06/02/2011	22.51		Continued.	From Kalwa end strengthening Mumbai system up to 08.03.11
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 by200 MVA ICT(upto 08.03.11)
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		Continued.	Insulator Replacement(ready for charging at 11.30Hrs/01/03/2011)
220/100KV 125 MVA ICT-II @ Kalwa	28/02/2011	11.10		Continued.	Augmentation to 200 MVA up to 31.03.2011.
Pedambe-Kharepatan	07/03/2011	08.10	07/03/2011	18.15	Line and Bus side Isolator O/H
Uran - HOCL	07/03/2011	09.51	07/03/2011	18.16	Insulator replacement
Mudshingi-Wathar	07/03/2011	10.55	07/03/2011	17.15	Replacement of Pannel
Main Bus Section- I @ Chikhli	07/03/2011	12.15	07/03/2011	18.05	Jumpering work & Isolator alignment work
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Paras - Akot	07/03/2011	11.47	07/03/2011	15.51	Providing repair Sleeve to Conductor
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV 315 MVA ICT-I @ Parly.	11/02/2011	22.43		Continued.	PDR problem (ICT LV side is on TBC)
400/220KV 315MVA ICT-II @ New Koyna	07/03/2011	08.47	07/03/2011	18.38	Attending Hot spot at various locations
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Girawli-Parli-III	05/03/2011	04.44		Continued.	Attending compressor problem.
220/132KV 200MVA ICT-III at Tilwani	07/03/2011	09.10	07/03/2011	19.45	To attend Oil Leakage

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Mar/2011

Position as on 6.30 Hrs of 08/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	06/03/2011	22.30	07/03/2011	06.05	Over Voltage
Karad - Kolhapur - I	06/03/2011	23.26	07/03/2011	07.37	Over Voltage
Bhusawal- Aurangabad	07/03/2011	22.02	08/03/2011	05.37	Over Voltage
Karad - Kolhapur - II	07/03/2011	23.23		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		Continued.	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
Chinchwad-Parvati	07/03/2011	08.38	07/03/2011	23.13	To control Lonikand ICT Load
New Paras TPS - Chikhali - I	07/03/2011	11.42	07/03/2011	18.30	Bus Section outage at Chikhali
220/132 KV 100 MVA ICT-I @ Chikhli.	07/03/2011	12.04	07/03/2011	18.22	Bus Section outage at Chikhali
Voltage Level : 132KV			Outage Type HAND TRIPPED		
A'nagar - Supa	06/03/2011	13.32	07/03/2011	15.15	To control Load on BBLSR ICT
Chikali - Buldhana	07/03/2011	11.35	07/03/2011	18.37	Bus Section outage at Chikhali
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		
Babaleshwar - Nagar - I	07/03/2011	15.34	07/03/2011	15.38	Load Trimming Scheme operated
Babaleshwar - Nagar - II	07/03/2011	15.34	07/03/2011	15.38	Load Trimming Scheme operated
Voltage Level : 132KV			Outage Type TRIPPED		
Chikhali - Khamgaon	05/03/2011	23.25	07/03/2011	21.25	B/B Prot.Operated, B Phase CT Burst
Paithan - Walchandnagar	07/03/2011	07.31	07/03/2011	07.41	Distance protection
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 08/Mar/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	180
Unit 6	210	180
Unit 7	210	200
	620	560
Bhusawal		
Unit 2	210	
Unit 3	210	180
Unit 4	500	200
	920	380
Parli		
Unit 3	210	185
Unit 4	210	185
Unit 5	210	180
Unit 6	250	245
Unit 7	250	235
	1130	1030
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	210
Unit 3	210	210
Unit 4	210	210
Unit 5	500	
	1340	840
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	190
Unit 4	210	200
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	4
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	
SMLHY PTN	12	
GHATGHAR	250	
	611	238
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	366
Other CPPs	0	
	435	916
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	160
TATA Hydro	444	447
	2024	1787
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3200
	3143	3200