



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

State Load Dispatch Center, Airoli

Daily system Report

for

06/Mar/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 06/Mar/2011 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	138.621	825.769	1) Madhya Pradesh	53.525	359.517
2) Hydro	19.996	104.881	2) Gujrat	32.867	172.093
3) Gas	15.607	90.821	3) Goa	-6.127	-38.128
Total MSGENCO	174.224	1021.471	4) TAPS 1&2 (Inj.)	3.964	34.601
B) OTHERS			5) Pench (Excess)	-0.311	-1.530
1) RGPPL Gas	32.293	156.455	# Total Cent. Sector	83.918	526.553
2) Wind Generation	1.413	15.229	F) Other Exchanges		
3) CPP	19.895	127.461	1) With TPCL (Excess)	-7.536	-56.422
4) PENCH (MS)	0.311	1.530	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	18.177	107.118
1) TPCL Thermal	21.690	141.258	Include PX	0.000	0.000
2) TPCL Hydro	0.635	19.033	2) MUMBAI Bilateral	7.763	54.929
TOTAL TPCL	22.325	160.291	Include PX	0.740	10.338
3) REL Thermal	12.667	76.014	3) MUMBAI Schedule	7.763	54.929
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	172.978	1043.041	1) MSEDCL	304.518	1792.277
2) Hydro (A2+B3+C2)	20.942	125.444	2) TPCL	27.930	192.610
3) Gas (A3+B1)	47.900	247.276	3) REL	14.595	100.086
4) Wind (B2)	1.413	15.229	TOTAL STATE	347.043	2084.973
5) CPP (B3)	19.895	127.461			
TOTAL STATE	263.128	1558.451			

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	5861	5777	5804
MSGENCO Hydro	1280	1216	106
MSGENCO Gas	628	637	683
MSGENCO Total Generation	7769	7630	6593
Central Sector Receipt	3936	3329	2884
RGPPL	1290	1438	1314
WIND	30	71	76
CPP	883	862	742
Exchange with Mumbai	-326	-490	-267
MSEDCL DEMAND MET	13608	12889	11342
Load Shedding (LS)	402	96	0
MSEDCL DEMAND (INCL. LS)	14010	12985	11342
TPCL GENERATION	1084	1084	756
REL GENERATION	528	528	529
TPCL+REL DEMAND	1938	2102	1552
STATE DEMAND MET	15546	14991	12894
Load Management (LM)	2099	3553	211
Total Load Relief (LS+LM)	2501	3649	211
UNRESTRICTED STATE DEMAND	18047	18640	13105
Frequency (Hz)	49.84	49.92	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.49 Hz at 18:03 Hrs	49.29 Hz at 19:14 Hrs	49.89	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 06/Mar/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.16	24.71	180	161	180
Unit 6	4.51	26.64	207	167	190
Unit 7	4.80	15.83	210	190	200
	13.46	67.18			570
Bhusawal					
Unit 2	4.15	25.33	180	160	180
Unit 3	4.68	26.80	200	190	200
Unit 4			0	0	
	8.83	52.13			380
Parli					
Unit 3	4.27	25.38	189	158	190
Unit 4	4.25	24.41	183	163	185
Unit 5	4.31	24.53	189	169	165
Unit 6	4.31	24.20	234	125	215
Unit 7	4.19	24.26	224	113	170
	21.33	122.76			925
Chandrapur					
Unit 1	4.00	23.05	170	160	170
Unit 2	4.12	24.17	179	166	165
Unit 3	0.00	20.80	0	0	0
Unit 4	4.61	26.90	200	180	195
Unit 5	11.40	69.04	495	450	490
Unit 6	11.27	67.21	485	447	480
Unit 7	11.38	64.38	490	452	480
	46.78	295.56			1980
Paras					
Unit 3	5.77	33.66	248	224	240
Unit 4	5.46	32.04	244	204	240
	11.22	65.70			480
Khaparkheda					
Unit 1	5.16	30.48	220	210	210
Unit 2	4.82	28.63	205	198	210
Unit 3	5.26	31.34	222	215	210
Unit 4	5.24	31.47	222	216	210
Unit 5			0	0	
	20.48	121.92			840
Nasik					
Unit 1	2.00	11.97	88	76	81
Unit 2	2.03	12.14	90	76	81
Unit 3	4.22	26.33	190	160	162
Unit 4	4.46	25.64	200	166	192
Unit 5	3.81	24.43	178	126	162
	16.51	100.52			678
Uran					
All Units	15.61	90.82	686	599	660
	15.61	90.82			660
Dabhol					
RGPPL	32.29	156.46	1515	1288	1250
	32.29	156.46			1250
Koyna					
Stage 1-2	3.16	19.75	300	30	440
Stage 4	10.91	44.14	1035	0	250
Stage 3	2.79	13.69	240	0	320
	16.86	77.57			1010
Kovna 12&4 Total	14.08	63.89			690

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.46	1.64	19	18	19
VTRNA	0.00	4.74	0	0	0
TILLARI	0.42	2.69	60	0	60
BHTGR/VEER	0.02	0.25	1	1	0
BHIRA T.R.	0.12	1.23	64	0	80
RNGR+BHTSA	0.39	2.31	17	16	16
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.94	5.64	40	39	10
GHATGHAR	0.78	8.80	120	0	0
	3.13	27.31			185
PENCH (MS)					
Pench (MS)	0.31	1.53	52	0	
	0.31	1.53			
Wind					
MalharPeth	0.06	0.42			
Vankuswadi	0.23	1.20			
ATIT	0.02	0.16			
Kale	0.08	0.38			
Satara	0.24	0.83			
Shirala	0.09	0.35			
K Mahankal	0.01	0.37			
Supa	0.11	0.53			
Vita	0.26	1.59			
Dondaicha	0.01	5.68			
Nandurbar	0.00	0.69			
Khandke	0.27	1.44			
Khaparale	0.03	0.64			
	1.41	14.27			
CPP					
JSW JAIGAD	5.12	49.46	219	205	475
WARDHA	7.67	43.32	362	250	292
Other CPPs	7.10	34.69			
	19.90	127.46			767
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.76	61.79	460	265	500
Trombay 6	3.60	30.92	150	150	500
Trombay 7A	2.90	17.54	124	118	120
Trombay 7B	1.61	9.68	68	66	60
Trombay 8	3.82	21.32	163	152	250
TATA Hydro	0.64	19.03	127	0	297
	22.32	160.29			1727
REL					
1&2	12.67	76.01	530	513	500
	12.67	76.01			500
Cent Sect					
Share					3554
					3554

MS PG CL	Thermal	138.62	825.77			5853
	Thml+Gas	154.23	916.59			6513
	Hydro	20.00	104.88			1195
	Total	174.22	1021.47			7708
State Total		263.13	1558.45			15506

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/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	5861	120	660	6641	1296	82	741	3595	2684	-437	-407	11037	701	11037	1726	13464	49.77
2	5804	106	683	6593	1314	76	742	3423	2884	-263	-267	11342	211	11342	1552	13105	49.93
3	5791	131	679	6601	1315	99	740	3357	3123	-194	-185	11693	435	11710	1471	13599	49.92
4	5808	120	681	6609	1314	91	739	3334	3163	-169	-154	11762	1616	11835	1442	14820	49.97
5	5769	160	678	6607	1314	87	744	3336	3242	-169	-150	11844	1767	11992	1437	15048	49.84
6	5778	567	686	7031	1310	86	735	3192	3281	-121	-123	12320	2155	12541	1445	15920	49.71
7	5833	859	685	7377	1324	107	860	3223	3510	-146	-131	13047	2217	13327	1542	16806	49.96
8	5768	962	685	7415	1322	64	880	3223	3579	-146	-133	13127	2292	13482	1584	17003	49.88
9	5796	1120	670	7586	1315	39	878	3271	3687	-196	-182	13350	2370	13783	1651	17371	49.78
10	5808	1493	663	7964	1293	41	866	3366	3677	-296	-275	13592	2409	14064	1790	17791	49.71
11	5809	1255	648	7712	1298	39	889	3420	3881	-347	-324	13521	2498	13974	1918	17937	49.92
12	5861	1280	628	7769	1290	30	883	3419	3936	-347	-326	13608	2501	14010	1938	18047	49.84
13	5790	1515	614	7919	1288	71	858	3544	3843	-475	-447	13532	2523	13956	1934	17989	49.78
14	5781	1589	599	7969	1297	58	902	3496	3809	-425	-395	13640	2453	13994	1882	17975	50.01
15	5727	1366	619	7712	1293	38	868	3425	3928	-350	-328	13511	2484	13877	1815	17810	49.89
16	5734	1376	620	7730	1324	38	892	3425	3981	-350	-329	13636	2481	13999	1815	17932	49.85
17	5719	1389	622	7730	1332	42	891	3485	3929	-350	-331	13593	2474	13983	1816	17883	49.85
18	5694	1281	626	7601	1341	41	891	3493	3928	-350	-330	13472	2303	13909	1817	17592	49.97
19	5746	773	633	7152	1346	52	879	3439	3661	-477	-446	12677	3344	12941	1909	17930	49.93
20	5777	1216	637	7630	1438	71	862	3374	3329	-477	-490	12889	3649	12985	2102	18640	49.92
21	5810	700	635	7145	1484	43	812	3412	3445	-461	-488	12493	3617	12557	2099	18209	49.87
22	5775	383	639	6797	1455	40	805	3388	3288	-437	-459	11978	3576	12005	2046	17600	49.93
23	5725	110	659	6494	1475	39	784	3313	3437	-437	-467	11782	3540	11782	1943	17265	50.00
24	5657	125	658	6440	1515	39	754	3189	2693	-346	-369	11072	3540	11072	1854	16466	50.03
MUs	138.6 2	20.00	15.61	174.22	32.29	1.41	19.90	81.14	83.92	-7.76	-7.54	304.52	57.16	310.16	42.53	404.20	49.89

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 06/Mar/2011

Position as on 6.30 Hrs of 07/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
Dabhol 3A	230	29/01/2011	17.35	06/03/2011	00.49	Heavy leakage in CW Duct	
Dabhol 3X	290	29/01/2011	17.35	06/03/2011	14:24	Hand Tripped	
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		Continued.	Needle replacement	10/03/2011
CPP JSW (J) U1	300	03/03/2011	22.31		Continued.	Condenser tube leakage.	07/03/2011
Koyna Unit 6	75	05/03/2011	07.25		Continued.	Turbine drain pipe leakage.	07/03/2011
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

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Mar/2011

Position as on 6.30 Hrs of 07/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule - S'Sarovar- II	04/03/2011	23.06	06/03/2011	07:20	Over Voltage.
Kolhapur-Mapusa-II	05/03/2011	20.46	06/03/2011	07:18	Over Voltage.
Dhule-S'Sarovar I	06/03/2011	01.35	06/03/2011	12:05	Over Voltage.
Dhule-Sar'Sarovar - II	06/03/2011	22.36		Continued.	Over Voltage
Kolhapur - Mapusa - I	06/03/2011	22.45		Continued.	Over Voltage
Dhule-Sar'Sarovar - I	07/03/2011	00.15		Continued.	Over Voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220KV 315MVA ICT-II @ BBLSR	05/03/2011	11.53	06/03/2011	05.26	Repl.of 29D isolator of Y ph.C.T.
Kalwa - Padgha - I	06/03/2011	07.28	06/03/2011	15.57	CT replacement and to attend Hot Spot
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 strengthing Mumbai system up to 08.03.11
Kalwa - Borivali	06/02/2011	22.51		Continued.	From Kalwa end strengthing 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
220 KV TBC @ Bhusawal - II	28/02/2011	09.13		Continued.	Isolator Replacement Work.
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.	Augmetation to 200 MVA up to 31.03.2011.
Alephata-Kathapur	06/03/2011	07.52		Continued.	To control Load on BBLSR ICT
Kandalgaon - Dasturi	06/03/2011	08.23	06/03/2011	18.15	Insulator replacement
Urse - General Motors	06/03/2011	09.02	06/03/2011	15.31	Termination arrangement at 220KV Talegaon for charging 220KV Talegaon S/S
Apta-HOC	06/03/2011	09.55	06/03/2011	18.53	Insulator replacement
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
TBC @ Bhusawal - I	28/02/2011	14.35		Continued.	Replacement of R,Y,B Ph C T of TBC.
BBLSR - Sangamner	06/03/2011	09.00	06/03/2011	13.20	Replacement of Flashover Insulator String
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)
Voltage Level : 220KV			Outage Type FORCED OUTAGE		

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Mar/2011

Position as on 6.30 Hrs of 07/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Girawli-Parli-III	05/03/2011	04.44		Continued.	Attending compressor problem.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - I	05/03/2011	22.23	06/03/2011	08:35	Over Voltage.
Bhusawal- Aurangabad	05/03/2011	22.27	06/03/2011	05:37	Over Voltage.
Bhusawal- Aurangabad	06/03/2011	22.30	07/03/2011	06.05	Over Voltage
Karad - Kolhapur - I	06/03/2011	23.26		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.
Chinchwad-Parvati	04/03/2011	08.57	06/03/2011	23.49	To control Lonikand ICT 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.
Bus coupler @ Bableshtar	05/03/2011	11.49	06/03/2011	05.27	For seperation of ICT I and II.
Babaleshtar - Bhenda	05/03/2011	20.47		Continued.	For BBLSR ICT-I outage.
Lonikand-Kathapur	05/03/2011	21.45	06/03/2011	01.23	To attend hot spot.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
A'nagar - Supa	06/03/2011	13.32		Continued.	To control Load on BBLSR ICT
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Kalwa - Salshet - I	18/02/2011	10.56		Continued.	From Kalwa End
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 315 MVA ICT - I @ Chakan	05/03/2011	13.49	06/03/2011	00.50	220KV side Y ph.CT burst.
Voltage Level : 220KV			Outage Type TRIPPED		
220/132KV 200 MVA ICT-II @ Chikhali	05/03/2011	23.25	06/03/2011	00.17	B/B Protection Operated
220/132KV 100MVA ICT-I at Chikhali	05/03/2011	23.25	06/03/2011	00.14	B/B Protection Operated
Bale-Usmanabad	06/03/2011	04.08	06/03/2011	14.24	Distance protection.
Babaleshtar - Nagar - I	06/03/2011	13.31	06/03/2011	13.41	Tripped on Overload
Babaleshtar - Nagar - II	06/03/2011	13.31	06/03/2011	13.46	Tripped on Overload
Voltage Level : 132KV			Outage Type TRIPPED		
A'nagar - Supa	05/03/2011	10.41	06/03/2011	07.30	Due to BBLSR ICT-II outage.
Chikali - Mehkar	05/03/2011	23.25	06/03/2011	00.34	B/B Protection Operated
Chikhali - Dhad	05/03/2011	23.25	06/03/2011	00.29	B/B Protection Operated
Main Bus at chikhali	05/03/2011	23.25	06/03/2011	00.14	B/B Protection Operated
Chikhali - Buldana	05/03/2011	23.25	06/03/2011	00.33	B/B Protection Operated
Chikali - Duser Bid	05/03/2011	23.25	06/03/2011	00.29	B/B Protection Operated
Chikhali - Khamgaon	05/03/2011	23.25	06/03/2011	Continued.	B/B Prot.Operated, B Phase CT Burst
Voltage Level : 110KV			Outage Type TRIPPED		
110/11 KV,16 MVA T/F at Borgaon.	04/03/2011	17.30		Continued.	Buchholz

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 07/Mar/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	170
Unit 6	210	200
Unit 7	210	200
	620	570
Bhusawal		
Unit 2	210	180
Unit 3	210	175
Unit 4	500	
	920	355
Parli		
Unit 3	210	180
Unit 4	210	180
Unit 5	210	180
Unit 6	250	200
Unit 7	250	125
	1130	865
Chandrapur		
Unit 1	210	165
Unit 2	210	165
Unit 3	210	0
Unit 4	210	190
Unit 5	500	490
Unit 6	500	480
Unit 7	500	470
	2340	1960
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	81
Unit 2	120	81
Unit 3	210	162
Unit 4	210	192
Unit 5	210	162
	870	678
Uran		
All Units	852	640
	852	640
Dabhol		
RGPP	960	1500
	960	1500
Koyna		
Stage 1-2	600	520
Stage 4	1000	250
Stage 3	320	320
	1920	1090
Hydro		
KDPH	40	19

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	1
BHIRA T.R.	80	80
RNGR+BHTSA	20	17
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	0
GHATGHAR	250	0
	611	177
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	306
Other CPPs	0	
	435	856
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	150
TATA Hydro	444	447
	2024	1777
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3264
	3143	3264