



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

State Load Dispatch Center, Airoli

Daily system Report

for

04/Mar/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 04/Mar/2011 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	142.538	545.455	1) Madhya Pradesh	62.015	246.728
2) Hydro	14.748	65.637	2) Gujrat	26.824	110.355
3) Gas	12.572	59.595	3) Goa	-6.823	-25.509
Total MSGENCO	169.858	670.687	4) TAPS 1&2 (Inj.)	3.934	26.702
B) OTHERS			5) Pench (Excess)	-0.316	-0.917
1) RGPPL Gas	26.266	94.294	# Total Cent. Sector	85.634	357.359
2) Wind Generation	4.053	11.173	F) Other Exchanges		
3) CPP	18.133	89.631	1) With TPCL (Excess)	-10.812	-39.033
4) PENCH (MS)	0.316	0.917	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	17.937	71.820
1) TPCL Thermal	23.888	96.762	Include PX	0.000	0.000
2) TPCL Hydro	3.781	14.691	2) MUMBAI Bilateral	10.465	36.925
TOTAL TPCL	27.669	111.453	Include PX	2.979	7.708
3) REL Thermal	12.668	50.663	3) MUMBAI Schedule	10.465	36.925
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	179.094	692.880	1) MSEDCL	293.448	1185.028
2) Hydro (A2+B3+C2)	18.845	81.245	2) TPCL	34.029	132.216
3) Gas (A3+B1)	38.838	153.889	3) REL	17.119	68.926
4) Wind (B2)	4.053	11.173	TOTAL STATE	344.596	1386.170
5) CPP (B3)	18.133	89.631			
TOTAL STATE	258.963	1028.818			

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	5975	6026	5838
MSGENCO Hydro	621	974	174
MSGENCO Gas	495	544	506
MSGENCO Total Generation	7091	7544	6518
Central Sector Receipt	4321	3422	3040
RGPPL	954	1286	964
WIND	55	135	303
CPP	798	780	674
Exchange with Mumbai	-729	-604	-161
MSEDCL DEMAND MET	12490	12615	11338
Load Shedding (LS)	587	173	0
MSEDCL DEMAND (INCL. LS)	13077	12788	11338
TPCL GENERATION	1428	1415	786
REL GENERATION	528	528	529
TPCL+REL DEMAND	2685	2547	1476
STATE DEMAND MET	15175	15162	12814
Load Management (LM)	2651	3634	0
Total Load Relief (LS+LM)	3238	3807	0
UNRESTRICTED STATE DEMAND	18413	18969	12814
Frequency (Hz)	50.02	49.86	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.33 Hz at 04:01 Hrs	49.18 Hz at 20:36 Hrs	49.94	.12 % 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 04/Mar/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.16	16.40	180	163	180
Unit 6	4.53	17.65	191	184	190
Unit 7	4.52	6.32	200	150	180
	13.20	40.36			550
Bhusawal					
Unit 2	4.28	16.87	190	160	190
Unit 3	4.64	18.16	200	160	200
Unit 4			0	0	
	8.92	35.02			390
Parli					
Unit 3	4.07	17.10	192	123	188
Unit 4	4.16	15.96	182	160	182
Unit 5	4.20	15.97	189	152	172
Unit 6	4.24	15.05	215	146	155
Unit 7	5.00	15.08	244	149	190
	21.66	79.16			887
Chandrapur					
Unit 1	3.68	15.11	165	133	160
Unit 2	4.02	16.00	174	158	165
Unit 3	4.69	17.96	204	175	200
Unit 4	4.48	17.65	193	180	190
Unit 5	11.54	46.12	495	460	490
Unit 6	11.35	44.83	485	450	470
Unit 7	10.50	41.66	476	365	425
	50.26	199.33			2100
Paras					
Unit 3	5.53	22.05	255	209	230
Unit 4	5.21	21.09	244	161	240
	10.74	43.14			470
Khaparkheda					
Unit 1	5.14	20.32	220	210	210
Unit 2	4.75	19.06	205	191	210
Unit 3	5.26	20.84	221	217	210
Unit 4	5.24	21.01	222	217	210
Unit 5			0	0	
	20.39	81.23			840
Nasik					
Unit 1	2.07	8.05	91	82	90
Unit 2	2.06	8.13	91	81	90
Unit 3	4.44	17.95	200	160	180
Unit 4	4.64	16.53	206	175	210
Unit 5	4.16	16.56	185	160	180
	17.36	67.22			750
Uran					
All Units	12.57	59.60	668	452	480
	12.57	59.60			480
Dabhol					
RGPPL	26.27	94.29	1298	954	1250
	26.27	94.29			1250
Koyna					
Stage 1-2	3.92	14.16	405	40	520
Stage 4	4.65	23.02	567	0	250
Stage 3	1.94	8.18	160	0	320
	10.52	45.36			1090
Kovna 12&4 Total	8.58	37.19			770

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.46	0.73	20	19	19
VTRNA	0.36	4.74	60	0	60
TILLARI	0.48	1.80	60	0	60
BHTGR/VEER	0.04	0.21	2	1	5
BHIRA T.R.	0.24	0.89	77	0	80
RNGR+BHTSA	0.38	1.54	16	15	14
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.96	3.96	40	39	10
GHATGHAR	1.31	6.40	129	0	0
	4.23	20.27			248
PENCH (MS)					
Pench (MS)	0.32	0.92	52	0	
	0.32	0.92			
Wind					
MalharPeth	0.04	0.30			
Vankuswadi	0.12	0.80			
ATIT	0.01	0.12			
Kale	0.05	0.24			
Satara	0.09	0.33			
Shirala	0.04	0.20			
K Mahankal	0.00	0.36			
Supa	0.07	0.32			
Vita	0.10	1.14			
Dondaicha	2.27	4.55			
Nandurbar	0.31	0.55			
Khandke	0.31	0.99			
Khaparale	0.24	0.50			
	3.66	10.39			
CPP					
JSW JAIGAD	5.12	39.18	219	200	200
WARDHA	7.78	28.83	367	246	365
Other CPPs	5.23	21.62			
	18.13	89.63			565
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.36	41.60	460	320	500
Trombay 6	5.34	23.02	325	150	500
Trombay 7A	2.93	11.71	125	119	120
Trombay 7B	1.61	6.46	68	66	60
Trombay 8	3.66	13.97	160	125	250
TATA Hydro	3.78	14.69	306	0	297
	27.67	111.45			1727
REL					
1&2	12.67	50.66	529	527	500
	12.67	50.66			500
Cent Sect					
Share					3596
					3596

MS PG CL	Thermal	142.54	545.46			5987
	Thml+Gas	155.11	605.05			6467
	Hydro	14.75	65.64			1338
	Total	169.86	670.69			7805
State Total		258.96	1028.82			15443

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/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	5877	174	502	6553	955	261	689	3535	3000	-258	-273	11185	837	11185	1697	13719	49.94
2	5862	184	506	6552	959	254	677	3450	2857	-185	-201	11098	333	11098	1554	12985	50.13
3	5838	174	506	6518	964	303	674	3390	3040	-135	-161	11338	0	11338	1476	12814	50.06
4	5866	174	509	6549	969	283	676	3343	3234	-86	-113	11598	12	11598	1427	13037	50.21
5	5785	176	509	6470	965	253	676	3346	3389	-86	-104	11649	1244	11649	1444	14337	49.90
6	5821	353	510	6684	963	275	655	3223	3702	-86	-114	12165	1718	12194	1502	15385	49.81
7	5859	811	508	7178	966	268	775	3300	3321	-185	-221	12302	2298	12382	1667	16267	49.83
8	5933	1145	512	7590	970	114	780	3348	3664	-235	-265	12869	2560	13001	1786	17215	49.90
9	6012	1333	507	7852	967	65	757	3443	3635	-335	-352	12950	2567	13089	2035	17552	49.91
10	5923	1330	493	7746	961	49	764	3563	3580	-409	-474	12652	2649	12873	2377	17678	49.87
11	5922	874	489	7285	959	45	788	3770	3782	-676	-665	12220	3222	12842	2618	18060	50.03
12	5975	621	495	7091	954	55	798	3828	4321	-724	-729	12490	3238	13077	2685	18413	50.02
13	5893	802	452	7147	960	58	818	3882	4415	-780	-781	12617	3222	13188	2661	18500	49.89
14	5930	821	471	7222	993	64	814	3786	4362	-710	-697	12758	3135	13242	2516	18409	50.02
15	6034	868	477	7379	1204	113	824	3808	3795	-734	-733	12582	2605	13044	2586	17773	49.87
16	6033	766	485	7284	1268	195	820	3819	3830	-710	-738	12659	2582	13098	2606	17847	49.92
17	6041	766	484	7291	1277	294	816	3795	3818	-686	-714	12782	2507	13187	2576	17865	49.97
18	6054	586	495	7135	1279	189	820	3677	4078	-562	-607	12894	2380	13329	2506	17780	49.89
19	6101	670	510	7281	1277	174	789	3450	3598	-490	-498	12648	3462	12940	2460	18570	49.73
20	6026	974	544	7544	1286	135	780	3534	3422	-562	-604	12615	3807	12788	2547	18969	49.86
21	6025	595	638	7258	1286	161	757	3534	3385	-522	-515	12383	3681	12430	2376	18440	49.74
22	5948	312	639	6899	1289	128	738	3510	3347	-498	-475	11977	3648	11998	2251	17876	49.85
23	5920	117	663	6700	1297	178	740	3445	3187	-450	-441	11687	3621	11695	1951	17259	50.08
24	5860	122	668	6650	1298	139	708	3357	2872	-359	-337	11330	3613	11330	1845	16788	50.03
MUs	142.54	14.75	12.57	169.86	26.27	4.05	18.13	85.14	85.63	-10.46	-10.81	293.45	58.94	298.60	51.15	403.54	49.94

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 04/Mar/2011

Position as on 6.30 Hrs of 05/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		Continued.	Heavy leakage in CW Duct	10/03/2011
Dabhol 3X	290	29/01/2011	17.35		Continued.	Hand Tripped	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		Continued.	Needle replacement	10/03/2011
Dabhol 2B	230	02/03/2011	22.28	04/03/2011	12.18	Steam Line Leakage.	
CPP JSW (J) U1	300	03/03/2011	22.31		Continued.	Condenser tube leakage.	05/03/2011
Uran Unit 8	108	04/03/2011	00.05	04/03/2011	18.25	Filter replacement.	
Cent_Sect NTPC(K-3)	210	04/03/2011	13.08		Continued.	Boiler Tube Leakage.	06/03/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Mar/2011

Position as on 6.30 Hrs of 05/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Kalmeshwar - Pandurna	04/03/2011	08.25	04/03/2011	17.06	Maintenance work.
NASIK-NAVSARI-II	04/03/2011	09.27	04/03/2011	18.43	Navsari end washing of insulator.
Padgha - Boisar (PGCIL)	04/03/2011	10.38	04/03/2011	18.12	Maintenance work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur - Mapusa - II	03/03/2011	23.02	04/03/2011	11.00	Over Voltage
Dhule-S'Sarovar I	03/03/2011	23.02		Continued.	Over Voltage.
Dhule - S'Sarovar- II	04/03/2011	23.06		Continued.	Over Voltage.
Kolhapur - Mapusa - II	04/03/2011	23.06		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Sar'Sarovar - II	02/03/2011	18.05	04/03/2011	08.05	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Nasik-Navsari-I	03/03/2011	22.20	04/03/2011	00.05	Distance protection.
Voltage Level : 132KV			Outage Type TRIPPED		
Pench - Kanhan	03/03/2011	17.05		Continued.	Distance protection.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Lonikand- Koyna Stage IV	24/02/2011	10.10	04/03/2011	08.30	Increasing height at crossing point, upto 04-03-2011.
Koyna IV - Jejuri	03/03/2011	08.40	04/03/2011	08.30	Removing and bunching arrangement.
Babaleshwar - Bhusawal	04/03/2011	07.37	04/03/2011	18.19	Stringing work of 400KV D/C.
400/220KV 315 MVA ICT-III @ Padgha	04/03/2011	08.46	04/03/2011	19.16	Tan delta measurement of bushing and maintenance.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 Month Outage.)
220/100 KV 125 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 05.03.11
Kalwa - Borivali	06/02/2011	22.51		Continued.	From Kalwa end strengthening Mumbai system up to 05.03.11
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 (upto 06.03.11)
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.	Augmentation to 200 MVA up to 31.03.2011.
Lonikand-Khadki	03/03/2011	06.39	04/03/2011	00.42	To increase road crossing.
BBLSR 220KV M.B.-I	03/03/2011	11.55	04/03/2011	22.31	Replacement of PT's upto 04/03/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Mar/2011

Position as on 6.30 Hrs of 05/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Girawli - New Parly TPS	04/03/2011	07.17	04/03/2011	17.54	Replacement of earth wire.
Chandrapur-MIDC	04/03/2011	08.45	04/03/2011	17.20	CT replacement.
Wardha-Abhijeet II	04/03/2011	09.06	04/03/2011	13.49	R ph.LA replacement.
Padgha-Wada	04/03/2011	09.19	04/03/2011	19.22	Replacement of R and Y ph.CT.
Khargar-Topworth	04/03/2011	09.21	04/03/2011	18.57	Replacement of insulator.
Mudshingi-Talangade - I	04/03/2011	09.34	04/03/2011	15.42	Replacement of old disc insulator.
Dhule - Malegaon	04/03/2011	09.46	04/03/2011	17.45	Replacement of LA and tan delta measurement.
Apta-Uran-III	04/03/2011	10.19	04/03/2011	16.25	Attend red hot.
220/132 KV,100MVA ICT-II At Padegaon.	04/03/2011	10.21	04/03/2011	17.23	Q.M.Work.
Main Bus - I at Nagothane	04/03/2011	10.26	04/03/2011	19.25	Erection of isolator and Bus T pressing.
220/132KV,200MVA ICT-I at Malegaon	04/03/2011	10.42	04/03/2011	17.28	To attend oil leakage.
BBLSR 220KV M.B.-I	05/03/2011	06.10		Continued.	Replacement of PTs.
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.
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 : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	03/03/2011	22.24	04/03/2011	05.22	Over Voltage.
Karad - Kolhapur - II	03/03/2011	22.27	04/03/2011	06.53	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Babaleshwar - Bhenda	10/01/2011	09.30		Continued.	To Control Babaleshwar ICT Load.
Chandrapur-Warora - I	01/02/2011	00.39		Continued.	To Control Line Loading of 220KV Warora-Hinganghat.
Dhule-Chalisgaon	25/02/2011	14.04	04/03/2011	09.34	To control Dhule ICT Load
Aurangabad - Babaleshwar	03/03/2011	08.08	04/03/2011	20.30	To control BBLSR ICT over loading.
Hingoli-Parbhani	03/03/2011	16.12		Continued.	H/T to control 220KV Wardha-Yawatmal ckt.loading.
Chinchwad - Parvati	03/03/2011	19.40	04/03/2011	00.50	H/T to control Lonikand ICT loading.
Chinchwad-Parvati	04/03/2011	08.57		Continued.	To control Lonikand ICT loading.
Lonand - Baramati	04/03/2011	15.35	04/03/2011	15.40	CT connection clamp tightening.
Dhule-Chalisgaon	04/03/2011	17.13		Continued.	To control Dhule ICT loading.
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		
Khaparkheda-Kawlewada-II	04/03/2011	05.58	04/03/2011	06.34	Distance protection.
Sahara-B'dying	04/03/2011	13.15		Continued.	Distance protection.
Voltage Level : 110KV			Outage Type TRIPPED		
110/11 KV,16 MVA T/F at Borgaon.	04/03/2011	17.30		Continued.	Buchholz
Voltage Level : 100KV			Outage Type TRIPPED		
Ganeshkhand-Chinchwad	04/03/2011	16.23	04/03/2011	19.41	Distance protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 05/Mar/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	162
Unit 6	210	171
Unit 7	210	180
	620	513
Bhusawal		
Unit 2	210	190
Unit 3	210	200
Unit 4	500	
	920	390
Parli		
Unit 3	210	
Unit 4	210	
Unit 5	210	
Unit 6	250	
Unit 7	250	
	1130	
Chandrapur		
Unit 1	210	165
Unit 2	210	165
Unit 3	210	200
Unit 4	210	190
Unit 5	500	490
Unit 6	500	480
Unit 7	500	480
	2340	2170
Paras		
Unit 3	250	257
Unit 4	250	225
	500	482
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	180
Unit 4	210	210
Unit 5	210	180
	870	750
Uran		
All Units	852	
	852	
Dabhol		
RGPP	960	1250
	960	1250
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	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	3
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	475
WARDHA	135	292
Other CPPs	0	
	435	767
Tata		
Trombay 4	150	
Trombay 5	500	
Trombay 6	500	
Trombay 7A	120	
Trombay 7B	60	
Trombay 8	250	
TATA Hydro	444	
	2024	
REL		
1&2	500	
	500	
Cent Sect		
Share	3143	3663
	3143	3663