



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

State Load Dispatch Center, Airoli

Daily system Report

for

03/Feb/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 03/Feb/2011 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	118.167	355.573	1) Madhya Pradesh	42.166	136.746
2) Hydro	31.170	92.762	2) Gujrat	22.061	80.180
3) Gas	15.730	47.221	3) Goa	-6.347	-18.747
Total MSGENCO	165.067	495.556	4) TAPS 1&2 (Inj.)	7.570	21.856
B) OTHERS			5) Pench (Excess)	-0.441	-1.139
1) RGPPL Gas	31.183	86.519	# Total Cent. Sector	65.009	218.896
2) Wind Generation	4.072	9.670	F) Other Exchanges		
3) CPP	27.375	74.636	1) With TPCL (Excess)	-4.239	-14.324
4) PENCH (MS)	0.441	1.139	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	18.611	53.702
1) TPCL Thermal	25.038	71.911	Include PX	0.000	0.000
2) TPCL Hydro	6.099	17.214	2) MUMBAI Bilateral	3.663	13.414
TOTAL TPCL	31.137	89.125	Include PX	-1.881	-3.393
3) REL Thermal	12.683	38.073	3) MUMBAI Schedule	3.663	13.414
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	155.888	465.557	1) MSEDCL	288.908	872.092
2) Hydro (A2+B3+C2)	37.710	111.115	2) TPCL	32.321	95.110
3) Gas (A3+B1)	46.913	133.740	3) REL	15.735	46.408
4) Wind (B2)	4.072	9.670	TOTAL STATE	336.964	1013.610
5) CPP (B3)	27.375	74.636			
TOTAL STATE	271.958	794.718			

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	4933	4853	5113
MSGENCO Hydro	1976	1535	106
MSGENCO Gas	628	644	663
MSGENCO Total Generation	7537	7032	5882
Central Sector Receipt	2857	3063	1757
RGPPL	1284	1300	1299
WIND	272	73	233
CPP	1255	1207	988
Exchange with Mumbai	-200	-344	-58
MSEDCL DEMAND MET	13032	12384	10101
Load Shedding (LS)	980	549	0
MSEDCL DEMAND (INCL. LS)	14012	12933	10101
TPCL GENERATION	1795	1597	740
REL GENERATION	528	528	528
TPCL+REL DEMAND	2523	2469	1326
STATE DEMAND MET	15555	14853	11427
Load Management (LM)	2087	3802	758
Total Load Relief (LS+LM)	3067	4351	758
UNRESTRICTED STATE DEMAND	18622	19204	12185
Frequency (Hz)	49.60	49.54	49.67

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 23:57 Hrs	49.07 Hz at 05:38 Hrs	49.59	2.55 % 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 03/Feb/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1			0	0	
Unit 2			0	0	
Unit 3			0	0	
Unit 4			0	0	
Unit 5	3.78	11.79	173	150	180
Unit 6	0.00	0.00	0	0	0
Unit 7	3.98	12.76	185	145	200
	7.77	24.54			380
Bhusawal					
Unit 1	0.00	0.00	0	0	
Unit 2	4.38	12.89	190	165	200
Unit 3	4.70	14.12	205	180	200
	9.07	27.01			400
Parli					
Unit 1			0	0	
Unit 2			0	0	
Unit 3	3.89	11.77	175	132	175
Unit 4	2.10	10.48	169	46	160
Unit 5	3.97	13.07	198	0	185
Unit 6	5.73	16.86	250	224	235
Unit 7	5.31	15.41	247	201	220
	21.00	67.58			975
Chandrapur					
Unit 1	3.71	11.08	164	149	160
Unit 2	3.88	11.16	172	151	160
Unit 3	0.00	3.09	0	0	0
Unit 4	4.09	12.18	190	145	200
Unit 5	11.43	33.86	500	435	475
Unit 6	11.36	27.15	485	450	475
Unit 7	11.19	34.19	485	383	480
	45.67	132.71			1950
Paras					
Unit 2			0	0	
Unit 3	0.00	0.00	0	0	0
Unit 4	3.50	10.93	235	0	205
	3.50	10.93			205
Khaparkheda					
Unit 1	4.74	14.43	210	175	210
Unit 2	4.70	14.06	206	174	210
Unit 3	4.72	13.36	215	175	210
Unit 4	0.00	0.00	0	0	0
	14.16	41.85			630
Nasik					
Unit 1	1.95	6.22	88	73	81
Unit 2	2.15	6.58	94	83	81
Unit 3	4.18	12.86	190	155	172
Unit 4	4.44	13.10	199	178	192
Unit 5	4.27	12.19	195	160	182
	17.00	50.95			708
Koyna					
Stage 1-2	7.14	19.95	565	40	600
Stage 4	14.92	45.46	1130	0	250
Stage 3	4.54	13.86	240	0	240
	26.61	79.28			1090
Kovna 12&4 Total	22.07	65.42			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		15.73	47.22	688	612	640
		15.73	47.22			640
Hydro						
KDPH		0.45	1.18	19	18	19
VTRNA		0.00	0.00	0	0	0
TILLARI		0.45	1.43	60	0	60
BHTGR/VEER		0.14	0.96	6	5	5
BHIRA T.R.		0.42	1.09	82	0	80
RNGR+BHTSA		0.33	1.04	15	12	15
BHANDARDRA		0.00	0.00	0	0	0
ELDARY		0.00	0.00	0	0	0
SMLHY PTN		0.82	2.31	41	31	13
GHATGHAR		1.94	5.46	250	0	0
		4.56	13.48			192
PENCH (MS)						
Pench (MS)		0.44	1.14	53	0	
		0.44	1.14			
Wind						
MalharPeth		0.26	0.42			
Vankuswadi		0.62	1.03			
ATIT		0.07	0.13			
Kale		0.22	0.39			
Satara		0.86	1.03			
Shirala		0.26	0.44			
K Mahankal		0.02	0.70			
Supa		0.10	0.18			
Vita		0.68	2.36			
Dondaicha		0.49	1.66			
Sakri		0.07	0.26			
Nandurbar		0.04	0.11			
Khandke		0.27	0.75			
Khaparale		0.11	0.21			
		4.07	9.67			
CPP						
TOTAL CPP		27.38	74.64			575
		27.38	74.64			575
Dabhol						
RGPPL		31.18	86.52	1322	1268	1250
		31.18	86.52			1250
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		11.09	33.08	490	375	500
Trombay 6		5.76	12.33	470	150	500
Trombay 7A		2.81	7.87	124	104	110
Trombay 7B		1.56	4.14	68	60	60
Trombay 8		3.82	14.49	240	0	250
TATA Hydro		6.10	17.21	469	0	447
		31.14	89.12			1867
REL						
1&2		12.68	38.07	529	526	500
		12.68	38.07			500
Cent Sect						
Share						3238
						3238
MS PG CL	Thermal	118.17	355.57			5248
	Thml+Gas	133.90	402.79			5888
	Hydro	31.17	92.76			1282
	Total	165.07	495.56			7170
State Total		271.96	794.72			14600

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/Feb/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	5084	106	662	5852	1294	196	987	2846	1676	-111	-159	9846	1554	9846	1474	12874	49.59
2	5113	106	663	5882	1299	233	988	2797	1757	-63	-58	10101	758	10101	1326	12185	49.67
3	5069	112	673	5854	1301	246	1004	2750	2240	-13	-19	10626	624	10626	1289	12539	49.70
4	5079	122	684	5885	1308	235	1005	2750	2540	-13	-12	10961	1132	10961	1281	13374	49.73
5	5056	279	684	6019	1306	212	1006	2750	2591	-13	-8	11126	1515	11126	1278	13919	49.51
6	5127	1116	684	6927	1316	212	1070	2481	2362	270	114	12001	1864	12001	1362	15227	49.48
7	5096	1318	684	7098	1318	210	1217	2817	2524	88	4	12397	2283	12567	1603	16283	49.44
8	5165	1842	688	7695	1322	212	1212	2852	2753	51	-3	13217	2322	13425	1701	17240	49.56
9	4931	1996	673	7600	1315	176	1214	3006	2762	-108	-137	12956	2931	13773	1991	17878	49.56
10	4861	1999	659	7519	1298	200	1208	3116	2764	-123	-167	12849	3249	13984	2266	18364	49.56
11	4900	1619	640	7159	1292	243	1215	3166	2690	-159	-207	12419	3429	13744	2493	18341	49.57
12	4933	1976	628	7537	1284	272	1255	3115	2857	-104	-200	13032	3067	14012	2523	18622	49.60
13	4967	2099	626	7692	1275	255	1228	3249	2776	-240	-241	13010	3100	14023	2464	18574	49.58
14	4988	2204	616	7808	1268	181	1220	3315	2907	-297	-306	13078	3040	14031	2360	18478	49.52
15	4861	2185	612	7658	1269	152	1219	3303	2967	-297	-305	12960	3251	14105	2383	18594	49.46
16	4738	2213	618	7569	1281	115	1222	3263	3089	-321	-321	12955	3479	14328	2428	18862	49.52
17	4714	2157	639	7510	1302	96	1216	3278	2878	-297	-300	12702	3378	14000	2406	18486	49.76
18	4724	2152	646	7522	1297	79	1212	3331	2749	-297	-302	12557	3518	14044	2429	18504	49.62
19	4795	1901	648	7344	1299	80	1203	3259	2999	-292	-294	12684	3928	13484	2432	19044	49.58
20	4853	1535	644	7032	1300	73	1207	3427	3063	-337	-344	12384	4351	12933	2469	19204	49.54
21	4834	919	650	6403	1302	78	1172	3377	3386	-256	-262	12132	3799	12132	2265	18196	49.56
22	4775	511	659	5945	1307	92	1041	3330	3575	-207	-212	11797	3783	11797	2088	17668	49.65
23	4703	379	670	5752	1311	121	1032	3260	2825	-262	-261	10829	3546	10829	1908	16283	49.66
24	4801	324	680	5805	1319	103	1022	3123	2279	-262	-239	10289	3539	10289	1840	15668	49.80
MUs	118.17	31.17	15.73	165.07	31.18	4.07	27.38	73.96	65.01	-3.66	-4.24	288.91	67.44	302.16	48.06	404.41	49.59

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 03/Feb/2011

Position as on 6.30 Hrs of 04/Feb/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Koradi Unit 6	210	26/12/2010	09.23		Continued.	Annual Overhaul.	06/02/2011
Khaparkheda Unit 4	210	03/01/2011	15.26		Continued.	Capital Overhaul.	07/02/2011
Dabhol 3B	230	04/01/2011	16:44		Continued.	Rehabilitation work.	05/03/2011
Koyna Unit 11	80	13/01/2011	07.45		Continued.	Retrofitting work of excitation system.	13/02/2011
Dabhol 3A	230	29/01/2011	17.35		Continued.	Heavy leakage in CW Duct	28/02/2011
Dabhol 3X	290	29/01/2011	17.35		Continued.	Hand Tripped	28/02/2011
FORCED OUTAGE							
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Uran Unit 3	60	16/06/2010	19.52		Continued.	R.M.Work.	
Cent_Sect NTPC(V-7)	500	31/01/2011	15:47	03/02/2011	15.07	Boiler Tube Leakage.	
Paras Unit 3	250	31/01/2011	20:42	04/02/2011	04.53	Boiler Tube Leakage.	
Chandrapur Unit 3	210	01/02/2011	20.35		Continued.	Boiler Tube Leakage.	04/02/2011
Tata Trombay 8	250	03/02/2011	00.24	03/02/2011	05.44	Tripped on Flame Failure.	
Paras Unit 4	250	03/02/2011	14.28	03/02/2011	17.49	Generator Protection Operated.	
Parli Unit 5	210	03/02/2011	22.00		Continued.	BLR T/L.	06/02/2011
Uran Unit 5	108	04/02/2011	00.19		Continued.	Filter replacement.	08/02/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Feb/2011

Position as on 6.30 Hrs of 04/Feb/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - II	01/02/2011	23.57	03/02/2011	06.29	Over Voltage.
Kolhapur-Mapusa-II	02/02/2011	23.05	03/02/2011	11.39	Over Voltage
Dhule-Sar'Sarovar - I	02/02/2011	23.34	03/02/2011	18.03	Over Voltage
Akola - Wardha - II	02/02/2011	23.38	03/02/2011	06.31	Over Voltage
Akola - Wardha - I	03/02/2011	22.42	04/02/2011	05.19	Over Voltage.
Dhule-Sar'Sarovar - I	03/02/2011	22.44		Continued.	Over Voltage.
Kolhapur - Mapusa - I	03/02/2011	23.24		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Kolhapur - Amona	03/02/2011	15.54	03/02/2011	16.15	Distance Protection.
IntraState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-III @ Kalwa	14/12/2010	08.39		Continued.	For Augumentation from 125MVA to 200MVA (up to 10/2/11)
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
220/132 KV 100 MVA ICT-II @ Babaleshwar	25/12/2010	12:15		Continued.	Augmentation by 200MVA ICT (upto 10/02/2011)
220/132KV 100 MVA ICT-I @Padegaon	26/12/2010	13.30		Continued.	Main Breaker Replacement,ICT on TBC (upto 01/2/11)
220/132 KV 100 MVA ICT-II @ Bhusawal	02/01/2011	08.58		Continued.	Repl.of 100 MVA By 200 MVA ICT up to 5/2/11
220/100 KV125 MVA ICT-III @Trombay	06/01/2011	12.03		Continued.	Augmentation by New 200 MVA ICT up to 20.03.2011.
220/6.6KV 40MVA Stn.T/F-IV at K'Kheda	14/01/2011	12.26	03/02/2011	15.26	Oil Filtration work(10Days)
Mahape-Tifil	19/01/2011	10.07		Continued.	Dismantalling and erection of MC tower and stringing of conductor.
220/100KV,100 MVA T/F-I at Jambhul	22/01/2011	11.30		Continued.	For Dismantaling 100MVA T/F-I under JICA scheme
220/132 KV, 100 MVA ICT - II @ Beed.	24/01/2011	07.00		Continued.	Repl.of 100MVA ICT by 200MVA(up to 11/2/11)
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Lonikand -Theur - II	03/02/2011	14.40	03/02/2011	17.16	To attend Hot Spot.
Apta-Bombay Dyeing	03/02/2011	15.30	03/02/2011	18.50	For testing of relay.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - I	02/02/2011	22.01	03/02/2011	07.38	Over Voltage.
Bhusawal- Aurangabad	02/02/2011	22.22	03/02/2011	05.42	Over Voltage.
Bhusawal- Aurangabad	03/02/2011	21.59	04/02/2011	04.54	Over Voltage.
Karad - Kolhapur - II	03/02/2011	22.24		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Babaleshwar - Bhenda	10/01/2011	09.30		Continued.	To Control Babaleshwar ICT Load.
Alephata-Kathapur	14/01/2011	14.08		Continued.	To Control LNKD ICT Load.
Dhule-Chalisgaon	18/01/2011	15.53		Continued.	To control O/L Dhule ICT's,From Dt. 22/01 opportunity outage taken for repl.of Line Isolator Work.
Chandrapur-Warora - I	23/01/2011	18.14		Continued.	To Control 220KV Warora-Hinganghat Loading.
Aurangabad -	29/01/2011	18.56		Continued.	To control BBLSR ICT loading

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Feb/2011

Position as on 6.30 Hrs of 04/Feb/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Babaleshwar					
Chandrapur-Warora - I	01/02/2011	00.39		Continued.	To Control Line Loading of 220KV Warora-Hinganghat.
Bhugaon - IIPL	03/02/2011	20.00		Continued.	H/T.
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Kalwa - Salshet - I	12/01/2011	13.46		Continued.	H/T from Kalwa end
Voltage Level : 220KV			Outage Type TRIPPED		
220/7 KV 35 MVA Stn.T/F-II @ Parly	19/01/2011	16.10		Continued.	LV side E/F fire in Aux.Dist.box due to burning of 2 No.feeder.
Warora - Wardha Power - II	31/01/2011	19.37		Continued.	Y Ph C T Burst.
Pophali - Karad	03/02/2011	11.19	03/02/2011	11.55	Distance Protection.
Talangade - Mumewadi	03/02/2011	15.53	03/02/2011	16.13	Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 04/Feb/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	
Unit 2	105	
Unit 3	105	
Unit 4	105	
Unit 5	200	160
Unit 6	210	0
Unit 7	210	160
	1040	320
Bhusawal		
Unit 1	58	
Unit 2	210	200
Unit 3	210	200
	478	400
Parli		
Unit 1	30	
Unit 2	30	
Unit 3	210	160
Unit 4	210	190
Unit 5	210	0
Unit 6	250	240
Unit 7	250	220
	1190	810
Chandrapur		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	0
Unit 4	210	180
Unit 5	500	475
Unit 6	500	470
Unit 7	500	480
	2340	1925
Paras		
Unit 2	55	
Unit 3	250	120
Unit 4	250	230
	555	350
Khaparkheda		
Unit 1	210	210
Unit 2	210	210
Unit 3	210	210
Unit 4	210	0
	840	630
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	190
Unit 4	210	210
Unit 5	210	200
	870	780
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Uran		
All Units	852	510

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	510
Hydro		
KDPH	40	19
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	5
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	12
GHATGHAR	250	0
	611	191
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		
TOTAL CPP	0	590
	0	590
Dabhol		
RGPPL	960	1250
	960	1250
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	100
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1857
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3519
	3143	3519

	17376	7 of 7 14722
--	--------------	---------------------