



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

State Load Dispatch Center, Airoli

Daily system Report

for

03/Mar/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 03/Mar/2010 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	122.161	369.968	1) Madhya Pradesh	59.777	170.325
2) Hydro	11.894	27.176	2) Gujrat	29.230	88.679
3) Gas	11.762	35.153	3) Goa	-6.757	-18.258
Total MSGENCO	145.817	432.297	4) TAPS 1&2 (Inj.)	7.275	21.895
B) OTHERS			5) Pench (Excess)	-0.096	-0.307
1) RGPPL Gas	26.855	87.715	# Total Cent. Sector	89.429	262.334
2) Wind Generation	8.481	14.409	F) Other Exchanges		
3) PENCH (MS)	0.096	0.307	1) With TPCL	-3.655	-6.262
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	28.861	82.781	1) MSEDCL Bilateral	5.958	18.185
2) TPCL Hydro	4.693	10.208	Include PX	0.000	0.000
TOTAL TPCL	33.554	92.989	2) MUMBAI Bilateral	4.661	9.093
3) REL Thermal	12.697	38.067	Include PX	2.077	4.858
D) STATE			3) MUMBAI Schedule	4.661	9.093
1) Thermal (A1+C1+C3)	163.719	490.816	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	16.683	37.691	1) MSEDCL	267.023	790.800
3) Gas (A3+B1)	38.617	122.868	2) TPCL	32.189	88.438
4) Wind (B2)	8.481	14.409	3) REL	17.717	48.880
TOTAL STATE	227.500	665.784	TOTAL STATE	316.929	928.118

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	5096	5090	4969
MSGENCO Hydro	615	1148	240
MSGENCO Gas	484	486	496
MSGENCO Total Generation	6195	6724	5705
Central Sector Receipt	3940	4012	3369
RGPPL	1242	956	1255
WIND	201	317	385
Exchange with TPCL	-249	-299	-6
MSEDCL DEMAND MET	11329	11735	10708
Load Shedding	3633	3906	1961
MSEDCL DEMAND (INCL. LS)	14962	15641	12669
TPCL GENERATION	1796	1625	964
REL GENERATION	527	527	532
TPCL+REL DEMAND	2572	2451	1502
STATE DEMAND MET	13901	14186	12210
STATE DEMAND (INCL. LS)	17534	18092	14171
Frequency (Hz)	49.69	49.76	49.88
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5005 MW AT 23.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			91.34 MUS

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.38 Hz at 17.12 Hrs	49.17 Hz at 22.33 Hrs	49.8	0 % of Time

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and Mumbai bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 03/Mar/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.35	4.46	61	40	60
Unit 2	1.65	4.94	73	62	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.86	5.69	87	70	75
Unit 5	3.46	10.98	162	127	160
Unit 6	3.57	11.20	176	105	160
Unit 7	4.03	13.29	202	137	175
	15.91	50.55			700
Bhusawal					
Unit 1	1.18	3.64	52	44	50
Unit 2	4.54	13.49	195	180	195
Unit 3	4.58	12.31	196	184	195
	10.30	29.44			440
Parli					
Unit 1	0.55	1.69	24	22	23
Unit 2	0.39	1.49	22	0	23
Unit 3	3.86	11.66	172	151	165
Unit 4	4.26	12.82	196	156	200
Unit 5	3.62	12.11	189	0	185
Unit 6	5.91	17.88	256	218	250
	18.59	57.65			846
Chandrapur					
Unit 1	0.00	1.16	0	0	0
Unit 2	3.49	10.68	151	138	150
Unit 3	4.21	13.20	196	136	210
Unit 4	4.60	13.96	200	182	210
Unit 5	8.52	27.08	393	313	400
Unit 6	8.12	25.25	366	303	375
Unit 7	9.38	29.90	432	351	450
	38.31	121.24			1795
Paras					
Unit 2	0.60	1.66	26	23	26
Unit 3	0.00	0.00	0	0	0
	0.60	1.66			26
Khaparkheda					
Unit 1	4.99	14.98	216	194	205
Unit 2	4.53	12.00	194	184	185
Unit 3	4.92	15.17	214	192	210
Unit 4	4.97	10.28	214	193	210
	19.42	52.42			810
Nasik					
Unit 1	2.25	6.76	98	85	95
Unit 2	2.26	6.79	100	88	95
Unit 3	4.92	14.80	212	191	205
Unit 4	4.73	14.16	205	190	205
Unit 5	4.87	14.51	211	195	205
	19.03	57.01			805
Uran					
All Units	11.76	35.15	509	471	470
	11.76	35.15			470
Koyna					
Stage 1-2	2.02	4.16	355	35	600
Stage 4	1.65	2.24	582	0	250
Kovna 12&4 Total	3.67	6.41			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.24	1.77	160	0	320
	4.91	8.18			1170
Hydro					
KDPH	0.90	2.00	38	37	20
VTRNA	1.25	3.52	61	0	60
TILLARI	0.38	1.13	60	0	60
BHTGR/VEER	2.33	7.18	97	97	97
BHIRA T.R.	0.20	0.43	57	0	80
RNGR+BHTSA	0.32	0.88	15	10	12
BHANDARDRA	0.00	1.01	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	1.60	2.86	125	0	0
	6.98	19.00			329
PENCH (MS)					
Pench (MS)	0.10	0.31	25	0	0
	0.10	0.31			0
Wind					
MalharPeth	0.24	0.51			
Vankuswadi	0.50	1.23			
ATIT	0.16	0.32			
Kale	0.21	0.52			
Satara	0.21	0.67			
Shirala	0.17	0.46			
K Mahankal	0.18	0.34			
Supa	0.16	0.46			
Vita	0.50	1.33			
Dondaicha	3.98	5.28			
Sakri	0.52	0.74			
Nandurbar	0.60	0.76			
Khadakale	0.56	1.11			
Khaparale	0.50	0.68			
	8.48	14.41			
Dabhol					
RGPP L II	26.86	87.72	1266	942	1257
RGPP L III	0.00	0.00	0	0	
	26.86	87.72			1257
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.56	30.68	460	400	500
Trombay 6	8.46	22.56	500	160	500
Trombay 7A	2.97	8.88	128	120	100
Trombay 7B	1.64	4.93	69	67	100
Trombay 8	5.23	15.72	255	152	180
TATA Hydro	4.69	10.21	481	0	447
	33.55	92.99			1827
REL					
1&2	12.70	38.07	532	526	500
	12.70	38.07			500
Cent Sect					
Share					3292
					3292

MS PG CL	Thermal	122.16	369.97		5422
	Thml+Gas	133.92	405.12		5892
	Hydro	11.89	27.18		1499
	Total	145.82	432.30		7391
State Total		227.50	665.78		14267

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/Mar/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CS SHARE	CS RECPT	MUMBAI		MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	MUMBAI DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS						SCH.	EXCH.						
1	4960	250	492	5702	1255	359	2847	3767	-48	-11	11072	2106	13178	1734	14912	49.72
2	4953	245	494	5692	1256	348	2805	3509	-48	-5	10800	2162	12962	1569	14531	49.83
3	4969	240	496	5705	1255	385	2792	3369	-48	-6	10708	1961	12669	1502	14171	49.88
4	4992	245	496	5733	1254	358	2796	3289	-48	-10	10624	2257	12881	1476	14357	49.95
5	5162	255	496	5913	1260	386	2811	3277	-48	-13	10838	2347	13185	1450	14635	49.78
6	5193	260	496	5949	1257	369	2804	3339	-48	-11	10923	2760	13683	1505	15188	49.67
7	5186	245	509	5940	1265	342	3062	3133	42	77	10760	3808	14568	1640	16208	50.03
8	5181	241	509	5931	1266	354	3059	2990	42	76	10617	4086	14703	1741	16444	50.06
9	5149	265	507	5921	1261	368	3056	3072	42	75	10697	4010	14707	1973	16680	49.93
10	5174	373	498	6045	1251	176	3379	3504	-281	-246	10742	3856	14598	2284	16882	49.64
11	5176	628	495	6299	1248	141	3444	3754	-303	-270	11175	3569	14744	2518	17262	49.82
12	5096	615	484	6195	1242	201	3402	3940	-303	-249	11329	3633	14962	2572	17534	49.69
13	5080	555	476	6111	1242	334	3393	3741	-303	-268	11160	3649	14809	2543	17352	49.67
14	5078	488	480	6046	1018	383	3386	4011	-303	-269	11189	3623	14812	2428	17240	49.77
15	5068	474	471	6013	942	485	3383	3999	-303	-270	11169	3747	14916	2443	17359	49.77
16	5113	449	476	6038	947	537	3383	4007	-303	-272	11257	3527	14784	2464	17248	49.96
17	5107	371	480	5958	945	533	3383	4044	-303	-272	11208	3486	14694	2455	17149	49.85
18	5120	389	485	5994	953	539	3384	4175	-303	-273	11388	3113	14501	2409	16910	50.07
19	5056	451	485	5992	954	417	3112	4180	-346	-308	11249	3737	14986	2374	17360	49.88
20	5090	1148	486	6724	956	317	3276	4012	-346	-299	11735	3906	15641	2451	18092	49.76
21	5086	1031	487	6604	956	272	3205	4303	-252	-184	11955	3586	15541	2323	17864	49.74
22	5106	736	489	6331	959	327	3211	4295	-252	-183	11729	3609	15338	2195	17533	49.76
23	5084	1047	487	6618	955	304	3257	4095	-294	-238	11734	3515	15249	1937	17186	49.42
24	4982	893	488	6363	958	246	3231	3624	-294	-226	10965	2648	13613	1920	15533	49.50
MUs	122.16	11.89	11.76	145.82	26.86	8.48	75.86	89.43	-4.66	-3.66	267.02	78.70	345.72	49.91	395.63	49.80

NOTE : ALL VALUES IN MW

MUMBAI Sch./Net Exch is shown with reference to MSETCL System. (+) indicates MUMBAI to MSETCL and (-) indicates MSETCL to MUMBAI. MUMBAI Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 03/Mar/2010

Position as on 6.30 Hrs of 04/Mar/2010

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect KARPR1	220	01/07/2008	00:10		Continued.	COH(En-Mass Coolant Clanel Replacement)	31/03/2010
Koradi Unit 3	105	09/01/2010	00.17		Continued.	COH.	21/03/2010
Uran Unit 6	108	20/01/2010	01:22		Continued.	Major Overhauling work.	05/03/2010
Paras Unit 3	250	16/02/2010	02.35		Continued.	AOH.	05/03/2010
Koyna Unit 12	80	03/03/2010	09.30		Continued.	Retrofitting work	05/04/2010
FORCED OUTAGE							
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Dabhol 3A	230	08/11/2008	13.45		Continued.	Exhaust temp.& vibn.high	31/03/2010
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Tata Trombay 4	150	01/12/2009	19:16		Continued.	W/Dn.	
Dabhol 1A	230	21/02/2010	00.02		Continued.	Combustion Inspection.	05/03/2010
Chandrapur Unit 1	210	01/03/2010	08.49		Continued.	Boiler Tube Leakage	04/03/2010
Parli Unit 5	210	03/03/2010	00.11	03/03/2010	03.54	R phase CT Clamp Red Hot	
Dabhol 1X	290	03/03/2010	13.23	04/03/2010	03.08	1B not available	
Dabhol 1B	230	03/03/2010	13.25	04/03/2010	00.55	Oil system leakage	
Parli Unit 2	30	03/03/2010	17.02		Continued.	Boiler Tube Leakage	06/03/2010
Cent_Sect NTPC (K-2)	210	04/03/2010	01.54		Continued.	Boiler Tube Leakage	06/03/2010

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Mar/2010

Position as on 6.30 Hrs of 04/Mar/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-S'Sarovar I	30/01/2010	16.23		Continued.	Hand Tripped For Over Voltage.
Wardha - Akola - I	16/02/2010	11.01		Continued.	To control Voltage at Akola
Akola - Aurangabad - I	26/02/2010	15.30		Continued.	H/T for O/V.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
BUS COUPLER @ KHAGHAR	24/02/2010	10:07		Continued.	Breaker Overhauling.
Main Bus -I at Kolhapur	26/02/2010	11.07		Continued.	Errection of Tower CT3,on 400KV M.B.side.
400/220kv,315 MVA ICT-I at Nagothane	03/03/2010	08.44	03/03/2010	20.17	Maintenance work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132KV 80MVA ICT at Nanded	19/02/2010	10.48		Continued.	Augmentation of ICT by 200 MVA.
220/132 KV,100 MVA ICT-I At Kalmeshwar	20/02/2010	10.34		Continued.	ICT replacement work.
Girwali - Parly - IV	24/02/2010	10.32	03/03/2010	11.32	Breaker replacement
Karad-M'peth	25/02/2010	08:00	03/03/2010	15.45	Erection of new Tower.
Trombay - Sonkar	03/03/2010	08.00		Continued.	Repl.of Rusted tower(upto 12-3-2010)
Trombay - Tifil	03/03/2010	08.28		Continued.	Repl.of Rusted Tower(upto 12-3-2010)
Wadkhal-IPCL I	03/03/2010	08.38	03/03/2010	19.15	CT & CVT replacement at Wadkhal
Khaparkhedha - Kanhan - I	03/03/2010	09.06	03/03/2010	15.37	Q.M.Work
Nagothane-IPCL	03/03/2010	09.18	03/03/2010	18.33	Bay maintenance work
Chandrapur-Warora - I	03/03/2010	11.00		Continued.	Breaker replacement(Ckt on TBC)
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Boiser - Palghar - I	03/03/2010	11.02	03/03/2010	17.20	Coupling Condensor checking
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/132 KV 200 MVA ICT-I at Harangul S/S.	02/03/2010	16.15	03/03/2010	16.35	L.V.Breaker Problem
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	02/03/2010	17.07	03/03/2010	17.24	Hand Tripped for Over Voltage.
Bhusawal- Aurangabad	03/03/2010	18.05		Continued.	Over Voltage
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Chikhali - Khamgaon	16/02/2010	11.22		Continued.	To control Chikhali ICT Loading
Voltage Level : 132KV			Outage Type TRIPPED		
132/11 KV 20MVA T/F-I at Hingana	02/03/2010	20.43	03/03/2010	09.35	H.V,R phase CT Burnt
Ambazari - Amravati	03/03/2010	12.54	03/03/2010	13.32	Distance Protection
Ambazari-Arvi	03/03/2010	12.54	03/03/2010	13.37	Distance protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 04/Mar/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	60
Unit 2	105	60
Unit 3	105	0
Unit 4	105	70
Unit 5	200	150
Unit 6	210	140
Unit 7	210	160
	1040	640
Bhusawal		
Unit 1	58	50
Unit 2	210	195
Unit 3	210	195
	478	440
Parli		
Unit 1	30	23
Unit 2	30	0
Unit 3	210	160
Unit 4	210	200
Unit 5	210	185
Unit 6	250	250
	940	818
Chandrapur		
Unit 1	210	0
Unit 2	210	150
Unit 3	210	210
Unit 4	210	210
Unit 5	500	400
Unit 6	500	400
Unit 7	500	400
	2340	1770
Paras		
Unit 2	55	25
Unit 3	250	0
	305	25
Khaparkheda		
Unit 1	210	210
Unit 2	210	190
Unit 3	210	180
Unit 4	210	210
	840	790
Nasik		
Unit 1	120	95
Unit 2	120	95
Unit 3	210	205
Unit 4	210	205
Unit 5	210	205
	870	805
Uran		
All Units	852	470
	852	470
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	20
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	95
BHIRA T.R.	80	80
RNGR+BHTSA	20	14
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	329
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	
Khadakale	0	
Khaparale	0	
	0	
Dabhol		
RGPPPL II	960	1238
RGPPPL III	740	
	1700	1238
Tata		
Trombay 4	150	0
Trombay 5	500	450
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1827
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3246
	3143	3246

	17616	13988
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