



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

**State Load Dispatch Center,
Airoli**

Daily system Report

for

04/Mar/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 04/Mar/2010 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	125.654	495.622	1) Madhya Pradesh	52.539	222.864
2) Hydro	16.486	43.660	2) Gujrat	26.570	115.249
3) Gas	11.679	46.832	3) Goa	-6.146	-24.404
Total MSGENCO	153.819	586.114	4) TAPS 1&2 (Inj.)	7.233	29.128
B) OTHERS			5) Pench (Excess)	-0.095	-0.402
1) RGPPL Gas	29.780	117.495	# Total Cent. Sector	80.101	342.435
2) Wind Generation	6.627	21.036	F) Other Exchanges		
3) PENCH (MS)	0.095	0.402	1) With TPCL	-4.007	-10.269
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	28.214	110.995	1) MSEDCL Bilateral	5.958	24.143
2) TPCL Hydro	4.786	14.994	Include PX	0.000	0.000
TOTAL TPCL	33.000	125.989	2) MUMBAI Bilateral	4.982	14.075
3) REL Thermal	12.707	50.774	Include PX	2.433	7.291
D) STATE			3) MUMBAI Schedule	4.982	14.075
1) Thermal (A1+C1+C3)	166.575	657.391	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	21.367	59.056	1) MSEDCL	266.415	1057.213
3) Gas (A3+B1)	41.459	164.327	2) TPCL	32.376	120.814
4) Wind (B2)	6.627	21.036	3) REL	17.337	66.217
TOTAL STATE	236.028	901.810	TOTAL STATE	316.128	1244.244

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	5342	5218	5123
MSGENCO Hydro	867	1316	193
MSGENCO Gas	482	482	493
MSGENCO Total Generation	6691	7016	5809
Central Sector Receipt	3503	3311	3587
RGPPL	1277	1280	1020
WIND	109	363	282
Exchange with TPCL	-322	-344	-7
MSEDCL DEMAND MET	11258	11671	10691
Load Shedding	3733	4164	2015
MSEDCL DEMAND (INCL. LS)	14991	15835	12706
TPCL GENERATION	1746	1561	924
REL GENERATION	528	530	530
TPCL+REL DEMAND	2596	2435	1461
STATE DEMAND MET	13854	14106	12152
STATE DEMAND (INCL. LS)	17587	18270	14167
Frequency (Hz)	49.38	49.40	49.56
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4525 MW AT 21.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			89.54 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.1 Hz at 18.05 Hrs	48.94 Hz at 19.14 Hrs	49.51	.54 % 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 04/Mar/2010

Generating unit	Generation				OLC (MW)	Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)			Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi						Stage 3	1.45	3.22	240	0	240
Unit 1	1.07	5.53	64	20	60		10.91	19.09			1090
Unit 2	1.56	6.49	69	57	60	Hydro					
Unit 3	0.00	0.00	0	0	0	KDPH	0.91	2.90	38	37	20
Unit 4	1.78	7.47	81	67	70	VTRNA	1.22	4.74	61	0	60
Unit 5	3.63	14.61	167	136	150	TILLARI	0.39	1.51	60	0	60
Unit 6	3.70	14.91	170	140	140	BHTGR/VEER	2.28	9.46	95	95	95
Unit 7	3.90	17.18	175	145	160	BHIRA T.R.	0.23	0.66	78	0	80
	15.64	66.19			640	RNGR+BHTSA	0.36	1.24	15	15	14
Bhusawal						BHANDARDRA	0.00	1.01	0	0	0
Unit 1	1.17	4.80	50	40	50	ELDARY	0.00	0.00	0	0	0
Unit 2	4.52	18.01	195	180	195	PAITHAN	0.00	0.00	0	0	0
Unit 3	4.62	16.93	200	185	195	GHATGHAR	0.19	3.05	125	0	0
	10.31	39.74			440		5.58	24.57			329
Parli						PENCH (MS)					
Unit 1	0.53	2.22	25	18	23	Pench (MS)	0.10	0.40	45	0	
Unit 2	0.21	1.70	23	0	0		0.10	0.40			
Unit 3	3.65	15.31	166	115	160	Wind					
Unit 4	4.44	17.26	203	158	200	MalharPeth	0.30	0.81			
Unit 5	4.38	16.48	189	175	185	Vankuswadi	0.49	1.72			
Unit 6	10.18	28.06	492	347	250	ATIT	0.14	0.46			
	23.39	81.04			818	Kale	0.22	0.74			
Chandrapur						Satara	0.21	0.88			
Unit 1	0.52	1.67	84	0	0	Shirala	0.20	0.66			
Unit 2	3.51	14.20	156	140	150	K Mahankal	0.19	0.53			
Unit 3	3.90	17.11	198	132	210	Supa	0.11	0.57			
Unit 4	4.69	18.65	200	190	210	Vita	0.75	2.08			
Unit 5	8.35	35.43	405	305	400	Dondaicha	2.60	7.88			
Unit 6	7.71	32.97	400	275	400	Sakri	0.48	1.22			
Unit 7	9.63	39.53	457	338	400	Nandurbar	0.42	1.18			
	38.32	159.55			1770	Khadakale	0.23	1.34			
Paras						Khaparale	0.30	0.98			
Unit 2	0.60	2.26	27	23	25		6.63	21.04			
Unit 3	0.00	0.00	0	0	0	Dabhol					
	0.60	2.26			25	RGPPPL II	29.78	117.50	1310	987	1238
Khaparkheda						RGPPPL III	0.00	0.00	0	0	
Unit 1	5.02	20.00	215	200	210		29.78	117.50			1238
Unit 2	4.52	16.52	194	184	190	Tata					
Unit 3	4.15	19.32	202	156	180	Trombay 4	0.00	0.00	0	0	0
Unit 4	4.61	14.88	208	180	210	Trombay 5	10.60	41.29	460	390	450
	18.29	70.72			790	Trombay 6	7.64	30.21	510	150	500
Nasik						Trombay 7A	2.94	11.82	126	119	120
Unit 1	2.26	9.02	98	88	95	Trombay 7B	1.64	6.57	69	68	60
Unit 2	2.27	9.06	102	86	95	Trombay 8	5.38	21.10	255	150	250
Unit 3	4.94	19.74	213	196	205	TATA Hydro	4.79	14.99	485	0	447
Unit 4	4.79	18.95	205	187	205		33.00	125.99			1827
Unit 5	4.86	19.36	208	196	205	REL					
	19.12	76.13			805	1&2	12.71	50.77	531	527	500
Uran							12.71	50.77			500
All Units	11.68	46.83	497	475	470	Cent Sect					
	11.68	46.83			470	Share					3246
Koyna											3246
Stage 1-2	3.48	7.64	365	35	600	MS PG CL					
Stage 4	5.98	8.22	763	0	250	Thermal	125.65	495.62			5288
Koyna 12&4 Total	9.45	15.86			850	Thml+Gas	137.33	542.45			5758
						Hydro	16.49	43.66			1419
						Total	153.82	586.11			7177
						State Total	236.03	901.81			13988

State Load Dispatch Center, Airoli (MSETCL)

Hourly Load Data As on 04/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	5127	318	492	5937	987	240	2810	3721	-44	-6	10879	2121	13000	1647	14647	49.47
2	5087	469	497	6053	1008	261	2775	3591	-44	-7	10906	2183	13089	1529	14618	49.47
3	5123	193	493	5809	1020	282	2717	3587	-44	-7	10691	2015	12706	1461	14167	49.56
4	5175	192	492	5859	1080	281	2718	3387	-44	-9	10598	2338	12936	1435	14371	49.76
5	5171	187	495	5853	1283	322	2718	3328	-44	-7	10779	2451	13230	1424	14654	49.55
6	5337	639	496	6472	1293	357	2717	3006	-44	-10	11118	2814	13932	1516	15448	49.45
7	5386	254	489	6129	1297	319	2966	2954	46	79	10778	3855	14633	1637	16270	49.52
8	5410	254	493	6157	1310	220	2960	2841	46	78	10606	4056	14662	1766	16428	49.74
9	5461	258	482	6201	1301	175	2958	2754	41	75	10506	4018	14524	1961	16485	49.58
10	5437	347	482	6266	1288	112	3389	3394	-281	-246	10814	3937	14751	2315	17066	49.48
11	5417	775	489	6681	1283	104	3492	3522	-348	-317	11273	3659	14932	2531	17463	49.51
12	5342	867	482	6691	1277	109	3487	3503	-348	-322	11258	3733	14991	2596	17587	49.38
13	5375	996	475	6846	1273	165	3485	3487	-348	-296	11475	3743	15218	2537	17755	49.35
14	5290	847	480	6617	1274	322	3399	3615	-348	-292	11536	3753	15289	2475	17764	49.42
15	5178	768	481	6427	1277	356	3387	3499	-348	-309	11250	3895	15145	2491	17636	49.53
16	5125	719	480	6324	1270	385	3387	3456	-348	-314	11121	3706	14827	2470	17297	49.46
17	5004	851	480	6335	1269	478	3387	3468	-348	-292	11258	3633	14891	2441	17332	49.36
18	5007	847	479	6333	1280	405	3389	3524	-348	-295	11247	3280	14527	2364	16891	49.67
19	5090	1040	482	6612	1281	411	3125	3143	-391	-332	11147	3880	15027	2365	17392	49.60
20	5218	1316	482	7016	1280	363	3247	3311	-391	-344	11671	4164	15835	2435	18270	49.40
21	5208	1409	490	7107	1286	283	3110	3374	-252	-204	11864	3826	15690	2286	17976	49.54
22	5266	916	491	6673	1291	254	3114	3306	-252	-214	11310	3853	15163	2177	17340	49.63
23	5274	1215	485	6974	1282	211	3071	3194	-202	-163	11498	3333	14831	1952	16783	49.29
24	5146	809	492	6447	1290	212	3173	3136	-294	-253	10832	2404	13236	1903	15139	49.44
MUs	125.65	16.49	11.68	153.82	29.78	6.63	74.98	80.10	-4.98	-4.01	266.42	80.65	347.06	49.71	396.78	49.51

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 04/Mar/2010

Position as on 6.30 Hrs of 05/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	04/03/2010	14.44	Boiler Tube Leakage	04/03/2010
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	04/03/2010	15.00	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 04/Mar/2010

Position as on 6.30 Hrs of 05/Mar/2010

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 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.
Parli-Lonikand -I	04/03/2010	07.51		Continued.	Retrofitting of EPAC Relay.
400/220 KV, 315 MVA ICT II JEJURI	04/03/2010	10.14	04/03/2010	17.27	Attending "Y" phase MOG.
Karad-Lonikand.	04/03/2010	11.58	04/03/2010	12.13	To remove 80 MVA Reactor for attending hot spot.
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.
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)
Chandrapur-Warora - I	03/03/2010	11.00		Continued.	Breaker replacement(Ckt on TBC)
220/22KV 50MVA T/F - I at Mahad	04/03/2010	09.13	04/03/2010	17.20	Routine Maintenance.
220/22 KV 50 MVA T/F - 3 @ Colour Chem	04/03/2010	09.40	04/03/2010	11.30	Red hot on HV isolator.
Lonikand-Khadki	04/03/2010	10.02	04/03/2010	13.52	Quarterly Maintenance.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
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 : 220KV			Outage Type TRIPPED		
220 KV Interconnector at Kalwa	04/03/2010	19.24	04/03/2010	20.18	Trip.
220/22 KV 50 MVA T/F -I at Kalwa	04/03/2010	19.24	05/03/2010	03.50	Trip on Diff.Protection H V Y Ph. Bushing Oil Leakage.

State Load Dispatch Center, Airoli (MSETCL)

Details of On Line Capacity for 05/Mar/2010

Generating unit	Derated Capacity (MW)	OLC (MW)	Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi			KDPH	40	20
Unit 1	105	25	VTRNA	60	60
Unit 2	105	70	TILLARI	60	60
Unit 3	105	0	BHTGR/VEER	21	95
Unit 4	105	35	BHIRA T.R.	80	80
Unit 5	200	160	RNGR+BHTSA	20	14
Unit 6	210	150	BHANDARDRA	45	0
Unit 7	210	150	ELDARY	23	0
	1040	590	PAITHAN	12	0
Bhusawal			GHATGHAR	250	0
Unit 1	58	50		611	329
Unit 2	210	195	PENCH (MS)		
Unit 3	210	195	Pench (MS)	53	
	478	440		53	
Parli			Wind		
Unit 1	30	23	MalharPeth	0	
Unit 2	30	23	Vankuswadi	0	
Unit 3	210	170	ATIT	0	
Unit 4	210	200	Kale	0	
Unit 5	210	185	Satara	0	
Unit 6	250	250	Shirala	0	
	940	851	K Mahankal	0	
Chandrapur			Supa	0	
Unit 1	210	150	Vita	0	
Unit 2	210	150	Dondaicha	0	
Unit 3	210	210	Sakri	0	
Unit 4	210	210	Nandurbar	0	
Unit 5	500	300	Khadakale	0	
Unit 6	500	400	Khaparale	0	
Unit 7	500	350		0	
	2340	1770	Dabhol		
Paras			RGPPL II	960	1238
Unit 2	55	25	RGPPL III	740	
Unit 3	250	0		1700	1238
	305	25	Tata		
Khaparkheda			Trombay 4	150	0
Unit 1	210	210	Trombay 5	500	450
Unit 2	210	190	Trombay 6	500	500
Unit 3	210	210	Trombay 7A	120	120
Unit 4	210	210	Trombay 7B	60	60
	840	820	Trombay 8	250	250
Nasik			TATA Hydro	444	447
Unit 1	120	95		2024	1827
Unit 2	120	95	REL		
Unit 3	210	205	1&2	500	500
Unit 4	210	205		500	500
Unit 5	210	205	Cent Sect		
	870	805	Share	3143	3159
Uran				3143	3159
All Units	852	470			
	852	470			
Koyna					
Stage 1-2	600	600			
Stage 4	1000	250			
Stage 3	320	240			
	1920	1090			
Hydro					
				17616	13914