



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

State Load Dispatch Center, Airoli

Daily system Report

for

06/Mar/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 06/Mar/2010 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	125.515	746.937	1) Madhya Pradesh	50.715	323.905
2) Hydro	11.512	67.157	2) Gujrat	30.797	172.058
3) Gas	11.695	70.219	3) Goa	-6.459	-36.944
Total MSGENCO	148.722	884.313	4) TAPS 1&2 (Inj.)	7.293	43.621
B) OTHERS			5) Pench (Excess)	-0.321	-0.953
1) RGPPL Gas	30.254	177.959	# Total Cent. Sector	82.025	501.687
2) Wind Generation	8.651	33.687	F) Other Exchanges		
3) PENCH (MS)	0.321	0.953	1) With TPCL	-3.138	-16.778
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	27.045	166.616	1) MSEDCL Bilateral	5.990	36.090
2) TPCL Hydro	4.274	24.103	Include PX	0.000	0.000
TOTAL TPCL	31.319	190.719	2) MUMBAI Bilateral	4.119	22.467
3) REL Thermal	12.687	76.171	Include PX	1.340	10.364
D) STATE			3) MUMBAI Schedule	4.119	22.467
1) Thermal (A1+C1+C3)	165.247	989.724	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	16.107	92.213	1) MSEDCL	266.835	1581.821
3) Gas (A3+B1)	41.949	248.178	2) TPCL	30.439	183.517
4) Wind (B2)	8.651	33.687	3) REL	16.704	100.148
TOTAL STATE	231.954	1363.802	TOTAL STATE	313.978	1865.486

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	5092	5279	5298
MSGENCO Hydro	1008	1009	194
MSGENCO Gas	478	486	491
MSGENCO Total Generation	6578	6774	5983
Central Sector Receipt	3708	3943	2603
RGPPL	1246	1260	1270
WIND	266	300	408
Exchange with TPCL	-287	-301	73
MSEDCL DEMAND MET	11562	12027	10337
Load Shedding	3720	4120	2006
MSEDCL DEMAND (INCL. LS)	15282	16147	12343
TPCL GENERATION	1610	1481	1001
REL GENERATION	529	527	530
TPCL+REL DEMAND	2426	2309	1458
STATE DEMAND MET	13988	14336	11795
STATE DEMAND (INCL. LS)	17708	18456	13801
Frequency (Hz)	49.39	49.50	49.52
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4749 MW At 21.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			84.70 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.15 Hz at 18.08 Hrs	48.84 Hz at 00.04 Hrs	49.5	.78 % 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 06/Mar/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.18	7.85	61	29	60
Unit 2	1.57	9.67	69	62	70
Unit 3	0.00	0.00	0	0	0
Unit 4	0.60	9.49	80	0	60
Unit 5	3.29	21.56	145	126	140
Unit 6	3.24	21.75	156	105	150
Unit 7	3.61	25.28	186	125	180
	13.48	95.61			660
Bhusawal					
Unit 1	1.24	7.25	53	50	50
Unit 2	4.59	27.06	197	184	195
Unit 3	4.62	26.14	195	185	195
	10.45	60.45			440
Parli					
Unit 1	0.55	3.30	24	22	23
Unit 2	0.53	2.75	23	21	23
Unit 3	3.73	22.88	169	123	162
Unit 4	3.50	25.40	160	117	200
Unit 5	4.12	24.72	186	143	180
Unit 6	5.98	39.93	253	232	250
	18.42	118.97			838
Chandrapur					
Unit 1	3.04	8.12	155	0	155
Unit 2	3.50	21.20	153	133	150
Unit 3	4.27	24.78	196	123	200
Unit 4	4.61	27.82	208	175	210
Unit 5	9.54	53.36	440	370	400
Unit 6	8.46	49.79	375	323	400
Unit 7	10.37	59.33	460	355	450
	43.80	244.40			1965
Paras					
Unit 2	0.93	3.90	44	32	40
Unit 3	0.00	0.00	0	0	0
	0.93	3.90			40
Khaparkheda					
Unit 1	4.98	30.02	216	202	210
Unit 2	4.59	25.74	198	188	190
Unit 3	5.14	29.26	216	212	210
Unit 4	5.09	24.96	218	208	210
	19.80	109.99			820
Nasik					
Unit 1	2.25	13.50	96	92	100
Unit 2	2.28	13.63	97	93	100
Unit 3	4.86	29.55	210	195	210
Unit 4	4.66	28.28	205	183	210
Unit 5	4.58	28.65	207	174	210
	18.64	113.61			830
Uran					
All Units	11.70	70.22	505	476	470
	11.70	70.22			470
Koyna					
Stage 1-2	2.88	12.77	420	40	600
Stage 4	2.71	13.36	513	0	250
Koyna 12&4 Total	5.58	26.13			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.86	5.85	160	0	240
	6.44	31.98			1090
Hydro					
KDPH	0.90	4.71	38	37	20
VTRNA	1.01	6.88	61	0	60
TILLARI	0.38	2.28	60	0	60
BHTGR/VEER	2.20	13.88	92	91	95
BHIRA T.R.	0.20	1.09	59	0	80
RNGR+BHTSA	0.37	1.97	16	15	14
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	0.00	3.36	0	0	0
	5.07	35.18			329
PENCH (MS)					
Pench (MS)	0.32	0.95	51	0	
	0.32	0.95			
Wind					
MalharPeth	0.32	1.29			
Vankuswadi	0.60	2.69			
ATIT	0.09	0.62			
Kale	0.24	1.11			
Satara	0.14	1.15			
Shirala	0.23	1.02			
K Mahankal	0.39	1.14			
Supa	0.14	0.75			
Vita	0.82	3.54			
Dondaicha	3.68	12.97			
Sakri	0.52	1.94			
Nandurbar	0.60	2.04			
Khadakale	0.53	2.00			
Khaparale	0.34	1.44			
	8.65	33.69			
Dabhol					
RGPP L II	30.25	177.96	1278	1244	1238
RGPP L III	0.00	0.00	0	0	
	30.25	177.96			1238
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.66	61.17	415	350	500
Trombay 6	6.76	45.24	470	150	500
Trombay 7A	2.96	17.73	127	122	120
Trombay 7B	1.63	9.83	69	67	60
Trombay 8	6.03	32.65	255	250	250
TATA Hydro	4.27	24.10	481	0	447
	31.32	190.72			1877
REL					
1&2	12.69	76.17	531	526	500
	12.69	76.17			500
Cent Sect					
Share					3317
					3317

MS PG CL	Thermal	125.52	746.94		5593
	Thml+Gas	137.21	817.16		6063
	Hydro	11.51	67.16		1419
	Total	148.72	884.31		7482
State Total		231.95	1363.80		14414

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/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	5220	644	489	6353	1260	280	2757	2791	45	55	10739	2092	12831	1649	14480	49.29
2	5236	391	489	6116	1265	316	2716	2697	45	75	10469	2145	12614	1561	14175	49.39
3	5298	194	491	5983	1270	408	2705	2603	45	73	10337	2006	12343	1458	13801	49.52
4	5273	184	492	5949	1272	439	2705	2622	45	76	10358	2323	12681	1440	14121	49.48
5	5200	209	490	5899	1268	458	2705	2666	45	77	10375	2455	12830	1396	14226	49.29
6	5228	685	491	6404	1265	405	2718	2697	45	78	10888	2818	13706	1501	15207	49.40
7	5358	296	491	6145	1278	349	3055	2740	45	66	10590	3807	14397	1590	15987	49.52
8	5356	252	495	6103	1277	305	3052	3094	45	64	10843	4020	14863	1680	16543	49.64
9	5320	265	495	6080	1274	200	3049	3241	45	56	10851	4061	14912	1826	16738	49.70
10	5306	402	491	6199	1260	172	3495	3664	-295	-260	11035	3999	15034	2155	17189	49.52
11	5206	854	483	6543	1250	203	3556	3689	-322	-285	11400	3683	15083	2336	17419	49.36
12	5092	1008	478	6578	1246	266	3554	3708	-322	-287	11562	3720	15282	2426	17708	49.39
13	5120	669	477	6266	1245	344	3550	3630	-322	-266	11270	3659	14929	2379	17308	49.47
14	5052	606	477	6135	1247	428	3512	3681	-322	-264	11250	3634	14884	2275	17159	49.55
15	5144	262	476	5882	1246	552	3451	3663	-317	-273	11072	3752	14824	2280	17104	49.50
16	5212	251	477	5940	1247	562	3529	3545	-317	-260	11034	3571	14605	2235	16840	49.52
17	5193	276	477	5946	1244	593	3532	3757	-317	-259	11281	3563	14844	2223	17067	49.39
18	5179	268	486	5933	1258	567	3555	3885	-338	-303	11340	3249	14589	2170	16759	49.72
19	5209	461	485	6155	1256	507	3278	3531	-362	-300	11200	3864	15064	2193	17257	49.55
20	5279	1009	486	6774	1260	300	3402	3943	-362	-301	12027	4120	16147	2309	18456	49.50
21	5287	532	490	6309	1264	229	3307	4612	-268	-207	12233	3750	15983	2218	18201	49.62
22	5282	270	492	6044	1270	253	3313	4122	-268	-208	11489	3780	15269	2129	17398	49.72
23	5316	736	492	6544	1265	265	3171	3821	-195	-148	11747	3309	15056	1884	16940	49.43
24	5176	788	505	6469	1267	252	3146	3647	-195	-137	11498	2363	13861	1831	15692	49.43
MUs	125.54	11.51	11.70	148.75	30.25	8.65	76.81	82.05	-4.12	-3.14	266.89	79.74	346.63	47.14	393.78	49.50

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 06/Mar/2010

Position as on 6.30 Hrs of 07/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.	10/03/2010
Paras Unit 3	250	16/02/2010	02.35	07/03/2010	16.11	AOH.	
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.	08/03/2010
Koradi Unit 4	115	06/03/2010	10.26	06/03/2010	23.39	Flame Failure and ID Fan Problem.	
Chandrapur Unit 1	210	06/03/2010	10.54	06/03/2010	13.51	Loss of excitation.	
Parli Unit 3	210	07/03/2010	14.09	07/03/2010	20.00	Low drum level.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Mar/2010

Position as on 6.30 Hrs of 07/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		
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.
Dhule-Sar'Sarovar - II	05/03/2010	15.56		Continued.	H/T for O/V
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
BUS COUPLER @ KHAGHAR	24/02/2010	10:07	06/03/2010	17.15	Breaker Overhauling.
Dhule-Bblswr-II	06/03/2010	09.07	06/03/2010	18.34	Q.M.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.
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)
Girwali - Parly - II	05/03/2010	12.31		Continued.	Breaker replacement.
New Koyna-Pophali	06/03/2010	08.15	06/03/2010	16.50	Q.M.Work.
220/132 KV 200 MVA ICT-IV at NSK OCR	06/03/2010	09.07	06/03/2010	18.35	Q.M.Work
Pophali - Karad	07/03/2010	08.10	07/03/2010	18.05	Q.M.work.
Tata-Tie-2 at Trombay.	07/03/2010	08.54		Continued.	Line GOD replacement.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Main Bus-I at Aurangabad	07/03/2010	13.00	07/03/2010	20.19	Repair work of damaged conductor.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	05/03/2010	17.54	06/03/2010	09.42	H/T for O/V.
Bhusawal- Aurangabad	06/03/2010	16.55	07/03/2010	08.07	H/T FOR O/V
Bableshwar-Aurangabad	07/03/2010	07.51	07/03/2010	20.43	H/T To attend Isolator sparking.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Chikhali - Khamgaon	16/12/2009	11.22		Continued.	Ict loading at Chikhali
Pachora - Chalisgaon CKT -I.	06/03/2010	10.10	06/03/2010	16.28	H/T to control line loading.
Voltage Level : 400KV			Outage Type TRIPPED		
Padgha - Chakan	06/03/2010	10.08	06/03/2010	17.47	Decaping at Loc.80
Voltage Level : 132KV			Outage Type TRIPPED		
Harangul - Udgir	06/03/2010	11.21	06/03/2010	11.27	Distance protection.
Parbhani-Parthur	06/03/2010	14.20	06/03/2010	14.35	Master trip relay IDMTL.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 07/Mar/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	60
Unit 2	105	70
Unit 3	105	0
Unit 4	105	65
Unit 5	200	130
Unit 6	210	150
Unit 7	210	165
	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	23
Unit 3	210	160
Unit 4	210	200
Unit 5	210	180
Unit 6	250	250
	940	836
Chandrapur		
Unit 1	210	160
Unit 2	210	150
Unit 3	210	160
Unit 4	210	210
Unit 5	500	400
Unit 6	500	400
Unit 7	500	450
	2340	1930
Paras		
Unit 2	55	46
Unit 3	250	0
	305	46
Khaparkheda		
Unit 1	210	210
Unit 2	210	190
Unit 3	210	210
Unit 4	210	210
	840	820
Nasik		
Unit 1	120	100
Unit 2	120	100
Unit 3	210	200
Unit 4	210	190
Unit 5	210	200
	870	790
Uran		
All Units	852	490
	852	490
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	36
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	93
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	344
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		
RGPL II	960	1238
RGPL III	740	
	1700	1238
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	100
Trombay 7B	60	80
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3027
	3143	3027

	17616	14068
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