



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

State Load Dispatch Center, Airoli

Daily system Report

for

08/Mar/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 08/Mar/2010 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	132.246	1005.522	1) Madhya Pradesh	47.808	424.284
2) Hydro	12.903	87.461	2) Gujrat	33.687	240.728
3) Gas	11.657	93.678	3) Goa	-6.249	-48.891
Total MSGENCO	156.806	1186.661	4) TAPS 1&2 (Inj.)	7.297	58.249
B) OTHERS			5) Pench (Excess)	-0.316	-1.576
1) RGPPL Gas	29.933	238.054	# Total Cent. Sector	82.227	672.794
2) Wind Generation	1.895	40.107	F) Other Exchanges		
3) PENCH (MS)	0.316	1.576	1) With TPCL	-3.079	-18.942
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	27.822	222.359	1) MSEDCL Bilateral	5.963	48.043
2) TPCL Hydro	4.685	28.845	Include PX	0.000	0.000
TOTAL TPCL	32.507	251.204	2) MUMBAI Bilateral	3.973	26.551
3) REL Thermal	12.632	101.484	Include PX	1.597	12.457
D) STATE			3) MUMBAI Schedule	3.973	26.551
1) Thermal (A1+C1+C3)	172.700	1329.365	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	17.904	117.882	1) MSEDCL	268.098	2120.250
3) Gas (A3+B1)	41.590	331.732	2) TPCL	31.663	240.503
4) Wind (B2)	1.895	40.107	3) REL	16.552	131.120
TOTAL STATE	234.089	1819.086	TOTAL STATE	316.313	2491.873

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	5442	5648	5393
MSGENCO Hydro	717	1328	133
MSGENCO Gas	470	476	503
MSGENCO Total Generation	6629	7452	6029
Central Sector Receipt	3942	3579	3157
RGPPL	1229	1248	1260
WIND	18	81	90
Exchange with TPCL	-312	-212	143
MSEDCL DEMAND MET	11532	12199	10679
Load Shedding	3693	4003	1930
MSEDCL DEMAND (INCL. LS)	15225	16202	12609
TPCL GENERATION	1687	1624	996
REL GENERATION	527	522	529
TPCL+REL DEMAND	2526	2358	1382
STATE DEMAND MET	14058	14557	12061
STATE DEMAND (INCL. LS)	17751	18560	13991
Frequency (Hz)	49.41	49.60	49.81
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4474 MW at 20.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			84.17 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.27 Hz at 18.05 Hrs	48.8 Hz at 22.08 Hrs	49.61	.73 % 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 08/Mar/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.46	10.58	64	57	60
Unit 2	1.63	12.83	72	57	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.82	13.01	82	70	80
Unit 5	3.30	27.74	156	121	125
Unit 6	3.63	28.38	175	134	140
Unit 7	3.90	32.50	191	140	150
	15.74	125.04			625
Bhusawal					
Unit 1	1.19	9.66	53	46	50
Unit 2	4.49	36.10	200	170	195
Unit 3	4.64	35.40	206	183	195
	10.32	81.16			440
Parli					
Unit 1	0.56	4.40	25	22	23
Unit 2	0.56	3.84	24	22	23
Unit 3	3.85	29.56	168	153	162
Unit 4	3.90	33.11	196	140	200
Unit 5	4.43	33.40	190	178	185
Unit 6	5.65	51.63	252	169	250
Unit 7			0	0	
	18.95	155.94			843
Chandrapur					
Unit 1	3.63	15.33	160	144	165
Unit 2	3.42	28.01	148	126	150
Unit 3	4.16	32.88	190	157	190
Unit 4	4.47	36.93	194	170	190
Unit 5	8.96	71.27	426	327	400
Unit 6	9.22	67.74	411	355	400
Unit 7	9.77	79.69	467	352	450
	43.63	331.87			1945
Paras					
Unit 2	0.60	5.54	42	21	45
Unit 3	4.78	5.62	226	130	180
Unit 4	0.00	0.00	0	0	
	5.39	11.16			225
Khaparkheda					
Unit 1	5.09	40.16	219	201	210
Unit 2	4.59	34.81	198	186	195
Unit 3	4.75	39.13	215	180	205
Unit 4	4.78	34.52	209	182	190
	19.20	148.62			800
Nasik					
Unit 1	1.90	17.69	102	61	100
Unit 2	2.30	18.24	104	87	100
Unit 3	5.03	39.51	214	202	205
Unit 4	4.83	37.75	209	190	205
Unit 5	4.92	38.54	210	200	205
	18.99	151.72			815
Koyna					
Stage 1-2	2.16	16.38	240	35	600
Stage 4	4.99	20.56	679	0	250
Stage 3	1.87	7.97	234	0	240
	9.02	44.91			1090
Kovna 12&4 Total	7.15	36.94			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran					
All Units	11.66	93.68	505	465	470
	11.66	93.68			470
Hydro					
KDPH	0.00	5.01	0	0	36
VTRNA	0.86	8.53	61	0	60
TILLARI	0.00	2.28	0	0	0
BHTGR/VEER	1.87	17.63	78	78	80
BHIRA T.R.	0.13	1.38	48	0	80
RNGR+BHTSA	0.31	2.64	15	12	13
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	0.71	4.07	125	0	0
	3.88	42.55			269
PENCH (MS)					
Pench (MS)	0.32	1.58	51	0	
	0.32	1.58			
Wind					
MalharPeth	0.07	1.81			
Vankuswadi	0.20	3.60			
ATIT	0.10	1.09			
Kale	0.06	1.35			
Satara	0.04	1.42			
Shirala	0.05	1.25			
K Mahankal	0.01	1.19			
Supa	0.10	0.92			
Vita	0.37	4.28			
Dondaicha	0.37	14.59			
Sakri	0.13	2.24			
Nandurbar	0.06	2.26			
Khadakale	0.24	2.40			
Khaparale	0.08	1.72			
	1.90	40.11			
Dabhol					
RGPPL	29.93	238.05	1270	1222	1247
	29.93	238.05			1247
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.67	80.36	405	400	500
Trombay 6	7.52	60.47	505	150	500
Trombay 7A	2.94	23.66	125	119	100
Trombay 7B	1.64	13.12	69	67	80
Trombay 8	6.05	44.75	255	250	250
TATA Hydro	4.68	28.84	459	0	447
	32.51	251.20			1877
REL					
1&2	12.63	101.48	529	522	500
	12.63	101.48			500
Cent Sect					
Share					3225
					3225

MS PG CL	Thermal	132.25	1005.52		5693
	Thml+Gas	143.90	1099.20		6163
	Hydro	12.90	87.46		1359
	Total	156.81	1186.66		7522
State Total		234.09	1819.09		14371

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/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	5326	189	498	6013	1246	128	2816	3420	46	85	10892	2033	12925	1549	14474	49.56
2	5376	134	501	6011	1256	118	2780	3370	46	87	10842	2094	12936	1458	14394	49.75
3	5393	133	503	6029	1260	90	2726	3157	102	143	10679	1930	12609	1382	13991	49.81
4	5417	133	502	6052	1260	94	2673	2957	158	194	10557	2285	12842	1331	14173	49.96
5	5412	163	503	6078	1268	108	2675	2931	158	188	10576	2432	13008	1337	14345	49.66
6	5386	430	502	6318	1256	114	2758	2939	46	81	10733	2756	13489	1445	14934	49.45
7	5431	198	505	6134	1265	120	3089	2846	46	84	10449	3778	14227	1565	15792	49.53
8	5474	148	505	6127	1260	82	3087	2966	46	82	10517	3854	14371	1680	16051	49.77
9	5452	191	492	6135	1270	35	3083	3182	46	63	10685	3867	14552	1874	16426	49.74
10	5451	206	486	6143	1255	41	3564	3631	-316	-292	10778	3938	14716	2258	16974	49.54
11	5477	525	480	6482	1240	23	3621	3899	-338	-315	11344	3627	14971	2448	17419	49.45
12	5442	717	470	6629	1229	18	3617	3942	-338	-312	11532	3693	15225	2526	17751	49.41
13	5492	711	485	6688	1229	25	3614	3819	-338	-313	11474	3628	15102	2491	17593	49.50
14	5512	565	465	6542	1262	33	3528	3940	-338	-289	11513	3612	15125	2398	17523	49.53
15	5573	706	467	6746	1222	49	3515	3528	-338	-303	11242	3746	14988	2431	17419	49.56
16	5615	613	471	6699	1222	53	3515	3603	-338	-303	11274	3587	14861	2445	17306	49.65
17	5639	672	472	6783	1224	59	3515	3508	-338	-296	11278	3570	14848	2419	17267	49.60
18	5638	709	476	6823	1230	80	3517	3945	-338	-299	11779	3173	14952	2353	17305	49.74
19	5631	874	477	6982	1248	92	3301	3324	-428	-379	11286	3819	15105	2332	17437	49.78
20	5648	1328	476	7452	1248	81	3226	3579	-238	-212	12199	4003	16202	2358	18560	49.60
21	5676	1199	476	7351	1248	138	3285	3203	-276	-221	11770	3688	15458	2273	17731	49.55
22	5608	629	480	6717	1250	142	3288	3935	-276	-223	11846	3727	15573	2119	17692	49.68
23	5595	819	484	6898	1245	91	3235	3429	-215	-166	11522	3318	14840	1915	16755	49.47
24	5570	911	484	6965	1240	81	3209	3174	-215	-163	11322	2302	13624	1831	15455	49.40
MUs	132.23	12.90	11.66	156.80	29.93	1.90	77.24	82.23	-3.97	-3.08	268.09	78.46	346.55	48.22	394.77	49.61

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 08/Mar/2010

Position as on 6.30 Hrs of 09/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	09/03/2010	19.32	Major Overhauling work.	
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	08/03/2010	19.20	Combustion Inspection.	08/03/2010
Uran Unit 3	60	05/03/2010	09.49		Continued.	Gas Restriction.	
Dabhol 1A	230	08/03/2010	23.52	09/03/2010	03.36	High Exhaust Spread.	
Parli Unit 6	250	09/03/2010	16.01	09/03/2010	21.23	Furnace Pressure High.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/Mar/2010

Position as on 6.30 Hrs of 09/Mar/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised 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	08/03/2010	15.14	H/T for O/V.
Dhule-Sar'Sarovar - II	05/03/2010	15.56	09/03/2010	19.35	H/T for O/V
IntraState					
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 15-3-2010)
Trombay - Tifil	03/03/2010	08.28		Continued.	Repl.of Rusted Tower(upto 15-3-2010)
Pophali-KDPH	08/03/2010	08.20	08/03/2010	17.05	Preventive Maint.Work.
Tilwani - Talandge - II	08/03/2010	09.27	08/03/2010	16.43	Annual Maint. Work.
Raymond-Washala	08/03/2010	09.45	08/03/2010	20.02	Conductor Replacement Work.
K'gaon-Dasturi	08/03/2010	10.10	08/03/2010	18.30	Red Hot Attending & Insulator Cleaning.
Momewadi-Halkarni	08/03/2010	10.40	08/03/2010	17.30	Outage.
Lote - Dasturi	08/03/2010	10.55	08/03/2010	20.35	Red Hot Attending & Insulator Cleaning.
220/132 KV 200 MVA ICT-IV at NSK OCR	08/03/2010	13.40	08/03/2010	16.50	Testing Work.
Karad - Miraj	09/03/2010	09.33	09/03/2010	14.04	Q.M.Work.
Chalisgaon-Bhusawal-2	09/03/2010	09.50	09/03/2010	15.18	Ckt Was on TBC for Dismantling of Old CB Foundation.
Dahanu-Versova	09/03/2010	09.52	09/03/2010	17.42	Line Maint.Work.
220/100 KV 200 MVA T/F IV at Apta.	09/03/2010	10.05	09/03/2010	18.43	Attending Oil Leakage Work.
Kalwa - Khargar	09/03/2010	10.30	09/03/2010	13.41	Ten Delta Measurment.
220/66KV T/F at SICOM	09/03/2010	11.05	09/03/2010	15.10	Maintainance Work.
Karad - Nigade	09/03/2010	11.48	09/03/2010	19.01	Commissioning of Y Ph C.C.
Miraj -Ichalkarajni	09/03/2010	14.52	09/03/2010	18.27	Ten Delta Measurment
Alephata-Kathapur	09/03/2010	18.27	09/03/2010	21.10	Retrofitting Work.
Bableshwar - Alephata	09/03/2010	22.14	09/03/2010	23.57	Retrofitting Work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Paras-Malkapur	09/03/2010	09.45	09/03/2010	12.21	Hot Spot on B Ph Isolator.
Ambazari - Mankapur	09/03/2010	13.39	09/03/2010	14.41	Commissioning of Aytorecloser Scheme.
Harangul - Nilanga	09/03/2010	14.10	09/03/2010	16.50	Quarterly Maintainance Work.
Voltage Level : 110KV			Outage Type PLANNED OUTAGE		
Borivali - Borivali - I	08/03/2010	14.20	08/03/2010	19.45	Project Work @ Borivali.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad - II	08/03/2010	15.15		Continued.	Hand Tripped
Akola-Koradi	09/03/2010	19.30	09/03/2010	21.14	Tripped.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Chikhali - Khamgaon	16/12/2009	11.22		Continued.	Ict loading at Chikhali
Voltage Level : 400KV			Outage Type TRIPPED		

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/Mar/2010

Position as on 6.30 Hrs of 09/Mar/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Bhusawal- Aurangabad	07/03/2010	20.43		Continued.	Hand Tripped for Over Voltage.
Koradi-Chandrapur	08/03/2010	01.39	08/03/2010	02.24	Tripped While Shifting of Load Bus-I to Bus-II was Being Carred Out.
Voltage Level : 220KV			Outage Type TRIPPED		
132 KV Main Bus @ Bhandara	08/03/2010	05.08	08/03/2010	07.25	Bus Bar Prot. Operated.
Voltage Level : 132KV			Outage Type TRIPPED		
Kawlewada-Madgi-I	08/03/2010	05.08	08/03/2010	05.30	Backup Protection Operated.
Madgi-Kawlewada-II	08/03/2010	05.08	08/03/2010	05.30	Backup Protection Operated.
Paras - Akot	08/03/2010	19.00	08/03/2010	19.42	Distance Protection.
Voltage Level : 100KV			Outage Type TRIPPED		
Kalwa-Standard	08/03/2010	16.54	08/03/2010	17.20	Dist. Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 09/Mar/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	70
Unit 3	105	0
Unit 4	105	60
Unit 5	200	150
Unit 6	210	160
Unit 7	210	0
	1040	510
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	180
Unit 5	210	185
Unit 6	250	250
Unit 7	250	
	1190	821
Chandrapur		
Unit 1	210	165
Unit 2	210	150
Unit 3	210	210
Unit 4	210	210
Unit 5	500	400
Unit 6	500	400
Unit 7	500	450
	2340	1985
Paras		
Unit 2	55	25
Unit 3	250	210
Unit 4	250	
	555	235
Khaparkheda		
Unit 1	210	210
Unit 2	210	200
Unit 3	210	210
Unit 4	210	210
	840	830
Nasik		
Unit 1	120	100
Unit 2	120	100
Unit 3	210	210
Unit 4	210	210
Unit 5	210	210
	870	830
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Uran		
All Units	852	480

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	480
Hydro		
KDPH	40	0
VTRNA	60	60
TILLARI	60	0
BHTGR/VEER	21	93
BHIRA T.R.	80	40
RNGR+BHTSA	20	0
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	193
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		
RGPLL	960	1609
	960	1609
Tata		
Trombay 4	150	0
Trombay 5	500	425
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1802
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3263
	3143	3263