



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

State Load Dispatch Center, Airoli

Daily system Report

for

07/Mar/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 07/Mar/2010 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	126.339	873.276	1) Madhya Pradesh	52.571	376.476
2) Hydro	7.401	74.558	2) Gujrat	34.983	207.041
3) Gas	11.802	82.021	3) Goa	-5.698	-42.642
Total MSGENCO	145.542	1029.855	4) TAPS 1&2 (Inj.)	7.331	50.952
B) OTHERS			5) Pench (Excess)	-0.307	-1.260
1) RGPPL Gas	30.162	208.121	# Total Cent. Sector	88.880	590.567
2) Wind Generation	4.525	38.212	F) Other Exchanges		
3) PENCH (MS)	0.307	1.260	1) With TPCL	0.915	-15.863
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	27.921	194.537	1) MSEDCL Bilateral	5.990	42.080
2) TPCL Hydro	0.057	24.160	Include PX	0.000	0.000
TOTAL TPCL	27.978	218.697	2) MUMBAI Bilateral	0.111	22.578
3) REL Thermal	12.681	88.852	Include PX	0.497	10.860
D) STATE			3) MUMBAI Schedule	0.111	22.578
1) Thermal (A1+C1+C3)	166.941	1156.665	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	7.765	99.978	1) MSEDCL	270.331	1852.152
3) Gas (A3+B1)	41.964	290.142	2) TPCL	25.323	208.840
4) Wind (B2)	4.525	38.212	3) REL	14.420	114.568
TOTAL STATE	221.195	1584.997	TOTAL STATE	310.074	2175.560

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	5144	5182	5352
MSGENCO Hydro	578	447	171
MSGENCO Gas	484	490	499
MSGENCO Total Generation	6206	6119	6022
Central Sector Receipt	4069	4384	3295
RGPPL	1265	1275	1295
WIND	117	146	195
Exchange with TPCL	25	-46	76
MSEDCL DEMAND MET	11682	11929	10883
Load Shedding	3538	3927	1989
MSEDCL DEMAND (INCL. LS)	15220	15856	12872
TPCL GENERATION	1283	1316	1010
REL GENERATION	529	529	529
TPCL+REL DEMAND	1787	1891	1463
STATE DEMAND MET	13469	13820	12346
STATE DEMAND (INCL. LS)	17007	17747	14335
Frequency (Hz)	49.42	49.59	49.83
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4786 MW at 20.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			91.05 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.4 Hz at 17.07 Hrs	49.17 Hz at 11.45 Hrs	49.74	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 07/Mar/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.27	9.12	59	45	60
Unit 2	1.53	11.20	68	57	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.70	11.19	77	43	65
Unit 5	2.87	24.44	147	48	130
Unit 6	2.99	24.74	158	65	150
Unit 7	3.32	28.61	168	64	165
	13.68	109.29			640
Bhusawal					
Unit 1	1.23	8.48	53	50	50
Unit 2	4.55	31.61	194	183	195
Unit 3	4.61	30.76	195	185	195
	10.39	70.84			440
Parli					
Unit 1	0.54	3.84	24	21	23
Unit 2	0.54	3.29	23	22	23
Unit 3	2.84	25.72	169	0	160
Unit 4	3.80	29.20	169	146	200
Unit 5	4.25	28.97	192	149	180
Unit 6	6.04	45.97	254	248	250
Unit 7					
	18.02	136.99			836
Chandrapur					
Unit 1	3.58	11.70	160	130	160
Unit 2	3.39	24.59	148	131	150
Unit 3	3.95	28.72	197	122	160
Unit 4	4.65	32.47	205	180	210
Unit 5	8.94	62.30	410	345	400
Unit 6	8.74	58.53	395	330	400
Unit 7	10.60	69.92	470	356	450
	43.84	288.24			1930
Paras					
Unit 2	1.03	4.93	46	39	46
Unit 3	0.84	0.84	136	0	0
Unit 4					
	1.86	5.77			46
Khaparkheda					
Unit 1	5.04	35.06	215	200	210
Unit 2	4.49	30.23	193	176	190
Unit 3	5.12	34.38	214	210	210
Unit 4	4.78	29.74	214	175	210
	19.43	129.42			820
Nasik					
Unit 1	2.29	15.79	98	92	100
Unit 2	2.30	15.93	98	93	100
Unit 3	4.93	34.48	210	198	200
Unit 4	4.64	32.92	200	185	190
Unit 5	4.96	33.61	211	202	200
	19.12	132.73			790
Koyna					
Stage 1-2	1.44	14.22	145	35	600
Stage 4	2.22	15.58	430	0	250
Stage 3	0.25	6.10	126	0	240
	3.91	35.89			1090
Kovna 12&4 Total	3.66	29.79			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran					
All Units	11.80	82.02	499	483	490
	11.80	82.02			490
Hydro					
KDPH	0.30	5.01	39	0	36
VTRNA	0.79	7.67	61	0	60
TILLARI	0.00	2.28	0	0	60
BHTGR/VEER	1.87	15.75	78	78	93
BHIRA T.R.	0.16	1.25	79	0	80
RNGR+BHTSA	0.36	2.33	15	15	15
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
	3.49	38.67			344
PENCH (MS)					
Pench (MS)	0.31	1.26	51	0	
	0.31	1.26			
Wind					
MalharPeth	0.45	1.74			
Vankuswadi	0.71	3.40			
ATIT	0.38	1.00			
Kale	0.18	1.29			
Satara	0.22	1.38			
Shirala	0.18	1.20			
K Mahankal	0.03	1.18			
Supa	0.07	0.82			
Vita	0.37	3.91			
Dondaicha	1.25	14.22			
Sakri	0.17	2.11			
Nandurbar	0.16	2.19			
Khadakale	0.16	2.15			
Khaparale	0.19	1.63			
	4.52	38.21			
Dabhol					
RGPPL	30.16	208.12	1300	659	1238
	30.16	208.12			1238
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.52	70.68	400	380	500
Trombay 6	7.71	52.94	500	150	500
Trombay 7A	2.99	20.72	127	122	100
Trombay 7B	1.65	11.49	69	68	80
Trombay 8	6.06	38.71	255	230	250
TATA Hydro	0.06	24.16	34	0	447
	27.98	218.70			1877
REL					
1&2	12.68	88.85	530	527	500
	12.68	88.85			500
Cent Sect					
Share					3027
					3027

MS PG CL	Thermal	126.34	873.28		5502
	Thml+Gas	138.14	955.30		5992
	Hydro	7.40	74.56		1434
	Total	145.54	1029.86		7426
State Total		221.20	1585.00		14068

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/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	5305	496	497	6298	1284	222	2769	3240	45	76	11120	2061	13181	1670	14851	49.58
2	5345	367	497	6209	1285	205	2734	3111	45	76	10886	2126	13012	1592	14604	49.60
3	5352	171	499	6022	1295	195	2734	3295	45	76	10883	1989	12872	1463	14335	49.83
4	5385	171	497	6053	1293	228	2681	3119	101	131	10824	2305	13129	1378	14507	49.93
5	5416	176	497	6089	1295	292	2681	2998	101	138	10823	2435	13258	1406	14664	49.68
6	5438	251	498	6187	1297	264	2735	3519	45	73	11365	2819	14184	1437	15621	49.78
7	5399	229	497	6125	1298	250	3075	3088	45	78	10839	3683	14522	1485	16007	49.85
8	5384	232	498	6114	1300	253	3073	3176	45	75	10918	3909	14827	1504	16331	49.90
9	5233	194	497	5924	1296	181	3070	3367	45	75	10843	3916	14759	1537	16296	49.78
10	5170	189	498	5857	1280	157	3215	3916	-19	12	11222	3825	15047	1699	16746	49.67
11	5134	216	492	5842	1275	132	3209	4038	-19	11	11298	3466	14764	1760	16524	49.46
12	5144	578	484	6206	1265	117	3185	4069	-19	25	11682	3538	15220	1787	17007	49.42
13	5172	730	483	6385	1265	123	3197	3709	-19	38	11520	3518	15038	1776	16814	49.47
14	5188	462	483	6133	1265	137	3159	3729	-19	37	11301	3509	14810	1715	16525	49.63
15	5145	288	485	5918	1270	175	3146	3975	-19	38	11376	3670	15046	1651	16697	49.87
16	5101	133	485	5719	1270	178	3146	4147	-19	38	11352	3496	14848	1642	16490	49.83
17	5125	128	487	5740	1275	184	3147	4306	-19	37	11542	3475	15017	1636	16653	49.95
18	5151	145	490	5786	1285	179	3195	4276	-66	-8	11518	3064	14582	1661	16243	49.95
19	5167	314	488	5969	1285	147	2931	4055	-111	-50	11429	3671	15100	1753	16853	49.74
20	5182	447	490	6119	1275	146	3007	4384	-64	-46	11929	3927	15856	1891	17747	49.59
21	5365	577	490	6432	1280	191	3039	4156	-88	-33	12077	3560	15637	1906	17543	49.80
22	5352	355	490	6197	1285	191	3084	4022	-111	-54	11692	3581	15273	1891	17164	49.90
23	5391	343	490	6224	1285	210	3000	3711	-19	37	11518	3238	14756	1781	16537	49.71
24	5294	209	490	5993	659	168	2968	3474	-19	35	10373	2334	12707	1723	14430	49.72
MUs	126.34	7.40	11.80	145.54	30.16	4.52	72.18	88.88	-0.11	0.92	270.33	77.12	347.44	39.74	387.19	49.74

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 07/Mar/2010

Position as on 6.30 Hrs of 08/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
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	08/03/2010	19.20	Combustion Inspection.	08/03/2010
Uran Unit 3	60	05/03/2010	09.49		Continued.	Gas Restriction.	
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 07/Mar/2010

Position as on 6.30 Hrs of 08/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	08/03/2010	15.14	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 - Karad	07/03/2010	08.10	07/03/2010	18.05	Q.M.work.
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.
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 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	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.
Akola - Aurangabad - II	08/03/2010	15.15		Continued.	Hand 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		
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 08/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	80
Unit 5	200	125
Unit 6	210	140
Unit 7	210	150
	1040	625
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	162
Unit 4	210	200
Unit 5	210	185
Unit 6	250	250
Unit 7	250	
	1190	843
Chandrapur		
Unit 1	210	165
Unit 2	210	150
Unit 3	210	190
Unit 4	210	190
Unit 5	500	400
Unit 6	500	400
Unit 7	500	450
	2340	1945
Paras		
Unit 2	55	45
Unit 3	250	180
Unit 4	250	
	555	225
Khaparkheda		
Unit 1	210	210
Unit 2	210	195
Unit 3	210	205
Unit 4	210	190
	840	800
Nasik		
Unit 1	120	100
Unit 2	120	100
Unit 3	210	205
Unit 4	210	205
Unit 5	210	205
	870	815
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Uran		
All Units	852	470

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	470
Hydro		
KDPH	40	36
VTRNA	60	60
TILLARI	60	0
BHTGR/VEER	21	80
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	269
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		
RGPPL	960	1247
	960	1247
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	3225
	3143	3225

	17376	14371
--	--------------	--------------