



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

State Load Dispatch Center, Airoli

Daily system Report

for

25/Feb/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 25/Feb/2010 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	125.133	3104.241	1) Madhya Pradesh	55.406	1502.528
2) Hydro	12.643	215.533	2) Gujrat	27.018	586.291
3) Gas	11.765	299.843	3) Goa	-6.164	-158.052
Total MSGENCO	149.541	3619.617	4) TAPS 1&2 (Inj.)	7.330	176.562
B) OTHERS			5) Pench (Excess)	-0.683	-9.774
1) RGPPL Gas	30.901	817.551	# Total Cent. Sector	82.907	2097.555
2) Wind Generation	2.083	69.628	F) Other Exchanges		
3) PENCH (MS)	0.683	9.774	1) With TPCL	-2.979	-77.540
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	25.317	614.174	1) MSEDCL Bilateral	5.912	147.309
2) TPCL Hydro	4.651	112.523	Include PX	0.000	1.247
TOTAL TPCL	29.968	726.697	2) MUMBAI Bilateral	4.195	93.349
3) REL Thermal	12.692	316.732	Include PX	1.927	55.272
D) STATE			3) MUMBAI Schedule	4.195	98.392
1) Thermal (A1+C1+C3)	163.142	4035.147	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	17.977	337.830	1) MSEDCL	263.136	6536.585
3) Gas (A3+B1)	42.666	1117.394	2) TPCL	29.767	731.116
4) Wind (B2)	2.083	69.628	3) REL	15.872	389.835
TOTAL STATE	225.868	5559.999	TOTAL STATE	308.775	7657.536

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	5214	5187	5161
MSGENCO Hydro	720	1171	168
MSGENCO Gas	486	492	503
MSGENCO Total Generation	6420	6850	5832
Central Sector Receipt	3777	3764	3118
RGPPL	1271	1270	1311
WIND	46	80	134
Exchange with TPCL	-230	-229	-33
MSEDCL DEMAND MET	11335	11786	10362
Load Shedding	3577	4152	1965
MSEDCL DEMAND (INCL. LS)	14912	15938	12327
TPCL GENERATION	1603	1525	760
REL GENERATION	528	526	530
TPCL+REL DEMAND	2361	2280	1323
STATE DEMAND MET	13696	14066	11685
STATE DEMAND (INCL. LS)	17273	18218	13650
Frequency (Hz)	49.53	49.63	49.81
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4883 MW AT 22.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			89.65 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.25 Hz at 04.03 Hrs	49.13 Hz at 22.06 Hrs	49.67	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 25/Feb/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.90	41.88	83	71	75
Unit 2	1.61	38.05	74	62	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.94	30.37	85	70	80
Unit 5	3.77	90.52	163	149	160
Unit 6	3.69	93.76	168	140	160
Unit 7	4.38	108.46	200	168	180
	17.30	403.03			725
Bhusawal					
Unit 1	1.23	28.81	52	50	50
Unit 2	4.58	113.36	198	180	195
Unit 3	4.66	114.58	200	190	195
	10.47	256.76			440
Parli					
Unit 1	0.57	13.86	25	22	23
Unit 2	0.57	13.56	24	23	23
Unit 3	0.00	83.27	0	0	0
Unit 4	2.13	99.51	163	69	80
Unit 5	4.36	42.60	195	152	180
Unit 6	5.98	149.02	258	242	250
	13.60	401.83			556
Chandrapur					
Unit 1	3.40	85.78	147	124	150
Unit 2	3.53	90.04	152	141	150
Unit 3	4.52	102.10	196	176	210
Unit 4	4.60	112.13	200	172	210
Unit 5	10.15	251.60	440	405	450
Unit 6	8.97	225.38	440	352	400
Unit 7	10.37	255.12	457	395	450
	45.55	1122.16			2020
Paras					
Unit 2	0.00	23.47	0	0	0
Unit 3	0.00	66.95	0	0	0
	0.00	90.42			0
Khaparkheda					
Unit 1	4.99	68.09	215	190	210
Unit 2	4.52	113.12	194	185	190
Unit 3	5.13	123.69	215	212	210
Unit 4	4.70	103.33	208	181	210
	19.34	408.23			820
Nasik					
Unit 1	2.21	44.86	98	86	100
Unit 2	2.22	40.77	100	85	100
Unit 3	4.84	107.85	211	189	195
Unit 4	4.75	108.30	202	192	195
Unit 5	4.84	120.04	206	192	200
	18.87	421.81			790
Uran					
All Units	11.76	299.84	504	466	500
	11.76	299.84			500
Koyna					
Stage 1-2	2.72	42.90	415	35	520
Stage 4	3.32	32.39	371	0	250
Koyna 12&4 Total	6.04	75.29			770

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.31	15.81	160	0	320
	7.35	91.10			1090
Hydro					
KDPH	0.45	8.36	19	18	36
VTRNA	0.98	13.13	61	0	60
TILLARI	0.37	9.17	59	0	60
BHTGR/VEER	1.86	45.82	78	77	80
BHIRA T.R.	0.22	5.66	51	0	80
RNGR+BHTSA	0.28	7.64	12	11	14
BHANDARDRA	0.64	13.15	27	26	32
ELDARY	0.00	1.27	0	0	0
PAITHAN	0.00	0.81	0	0	0
GHATGHAR	0.51	19.42	125	0	0
	5.29	124.43			362
PENCH (MS)					
Pench (MS)	0.68	9.77	51	0	
	0.68	9.77			
Wind					
MalharPeth	0.06	2.93			
Vankuswadi	0.19	6.63			
ATIT	0.03	2.59			
Kale	0.05	2.21			
Satara	0.05	3.53			
Shirala	0.03	2.40			
K Mahankal	0.06	1.27			
Supa	0.07	1.88			
Vita	0.44	11.51			
Dondaicha	0.59	20.43			
Sakri	0.09	3.38			
Nandurbar	0.15	2.99			
Khadakale	0.23	5.02			
Khaparale	0.04	2.86			
	2.08	69.63			
Dabhol					
RGPP L II	30.90	817.55	1325	1262	1265
RGPP L III	0.00	0.00	0	0	
	30.90	817.55			1265
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	8.87	167.78	400	220	500
Trombay 6	6.53	213.70	500	150	500
Trombay 7A	2.87	63.02	128	84	120
Trombay 7B	1.60	37.54	68	60	60
Trombay 8	5.45	132.14	253	155	250
TATA Hydro	4.65	112.52	481	0	447
	29.97	726.70			1877
REL					
1&2	12.69	316.73	531	526	500
	12.69	316.73			500
Cent Sect					
Share					3123
					3123

MS PG CL	Thermal	125.13	3104.24		5351
	Thml+Gas	136.90	3404.08		5851
	Hydro	12.64	215.53		1452
	Total	149.54	3619.62		7303
State Total		225.87	5560.00		14068

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 25/Feb/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	5098	173	503	5774	1297	170	2748	3167	-69	-39	10394	2060	12454	1462	13916	49.66
2	5160	169	504	5833	1303	142	2749	3162	-69	-38	10402	2121	12523	1378	13901	49.67
3	5161	168	503	5832	1311	134	2749	3118	-69	-33	10362	1965	12327	1323	13650	49.81
4	5193	174	503	5870	1317	144	2751	2998	-69	-34	10320	2219	12539	1285	13824	49.88
5	5176	168	502	5846	1322	125	2751	3067	-69	-38	10347	2312	12659	1287	13946	49.86
6	5188	358	502	6048	1319	111	2751	3195	-69	-37	10687	2700	13387	1334	14721	49.73
7	5228	244	502	5974	1325	121	2972	2925	21	54	10449	3588	14037	1521	15558	49.85
8	5331	229	502	6062	1316	102	2973	3102	21	54	10686	3814	14500	1636	16136	49.79
9	5276	237	491	6004	1315	69	2969	3047	21	41	10501	3845	14346	1829	16175	49.77
10	5277	287	495	6059	1299	42	3210	3595	-218	-179	10841	3752	14593	2128	16721	49.61
11	5266	609	492	6367	1283	31	3212	3532	-227	-186	11078	3473	14551	2294	16845	49.47
12	5214	720	486	6420	1271	46	3255	3777	-272	-230	11335	3577	14912	2361	17273	49.53
13	5275	728	481	6484	1270	22	3253	3539	-272	-222	11144	3549	14693	2325	17018	49.54
14	5280	529	480	6289	1268	42	3253	4014	-272	-220	11444	3502	14946	2175	17121	49.63
15	5239	571	476	6286	1263	88	3251	3836	-272	-220	11278	3665	14943	2223	17166	49.56
16	5231	487	478	6196	1263	89	3257	3689	-272	-219	11043	3547	14590	2262	16852	49.64
17	5218	753	480	6451	1262	94	3263	3812	-272	-220	11399	3550	14949	2273	17222	49.53
18	5254	775	487	6516	1268	89	3264	3706	-272	-224	11355	3246	14601	2199	16800	49.81
19	5213	850	491	6554	1269	81	3011	3638	-275	-232	11361	3925	15286	2271	17557	49.77
20	5187	1171	492	6850	1270	80	3135	3764	-275	-229	11786	4152	15938	2280	18218	49.63
21	5156	1129	489	6774	1268	56	3093	3717	-228	-172	11694	3791	15485	2210	17695	49.51
22	5202	1111	482	6795	1275	51	3100	3540	-228	-171	11490	3819	15309	2061	17370	49.72
23	5168	750	478	6396	1271	72	3027	3443	-270	-122	11060	3487	14547	1824	16371	49.42
24	5133	253	466	5852	1276	82	2897	3524	-217	-63	10671	2533	13204	1698	14902	49.63
MUs	125.12	12.64	11.76	149.53	30.90	2.08	72.89	82.91	-4.19	-2.98	263.13	78.19	341.32	45.64	386.96	49.67

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 25/Feb/2010

Position as on 6.30 Hrs of 26/Feb/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
Koyna Unit 8	80	10/02/2010	08.25	25/02/2010	16:00	Needle valve work (For 15 Days)	
Paras Unit 3	250	16/02/2010	02.35		Continued.	AOH.	05/03/2010
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.	03/03/2010
Paras Unit 2	55	24/02/2010	00.26		Continued.	Steam Tube Leakage	27/02/2010
Parli Unit 3	210	24/02/2010	09:15		Continued.	Boiler Tube Leakage.	27/02/2010
Cent_Sect NTPC(V-5)	210	24/02/2010	22:59		Continued.	Clinker formation.	
Uran Unit 7	108	25/02/2010	23:57		Continued.	Filter Replacement.	26/02/2010

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Feb/2010

Position as on 6.30 Hrs of 26/Feb/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.
Akola - Aurangabad - I	06/02/2010	10:15		Continued.	Breaker Problem.
Wardha - Akola - I	16/02/2010	11.01		Continued.	To control Voltage at Akola
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Koradi-Chandrapur	19/02/2010	17.08		Continued.	Breaker replacement,Ckt.on TBC.
BUS COUPLER @ KHAGHAR	24/02/2010	10:07		Continued.	Breaker Overhauling.
Lonikand-Jejuri	24/02/2010	23:37	25/02/2010	18:21	Retrofitting of Main II dist. protecton relay @ Jejuri
Main Bus-I at New Koyna	25/02/2010	09:50	25/02/2010	17:34	Replacement of Earth Switch.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220 KV Jejuri Bus. I	11/02/2010	13.30		Continued.	Outage.
Jindal - Ghatghar	19/02/2010	08.50	25/02/2010	18:55	Conductor replacement.
220KV TBC at 400 KV Parli-II	19/02/2010	09.15		Continued.	Breaker replacement work.
220/132KV 80MVA ICT at Nanded	19/02/2010	10.48		Continued.	Augmentation of ICT by 200 MVA up to 5th march.
220/132 KV,100 MVA ICT-I At Kalmeshwar	20/02/2010	10.34		Continued.	ICT replacement work.
Karad-M'peth	25/02/2010	08:00		Continued.	Erection of new Tower.
Theur - Jejuri	25/02/2010	09:32	25/02/2010	13:15	Bunching Work.
Phursungi-Magarpatta	25/02/2010	10:00	25/02/2010	13:56	Bunching Work.
220/132 KV 200 MVA ICT - II at Theur	25/02/2010	10:22	25/02/2010	19:02	Q. M. Work.
Hinjawadi-I - Hinjawadi-II	25/02/2010	10:56	25/02/2010	18:40	Emergency Tree cutting.
K'gaon-Lonand	25/02/2010	11:10	25/02/2010	12:45	To attend hot spot on bus side Isolator.
Gadchandur-Virur-II	25/02/2010	12:50	25/02/2010	17:42	Ten Delta Measurment.
Pirangut-Hinjewadi	25/02/2010	13:12	25/02/2010	17:35	Tree Cutting Work.
Kandalgaon-Bhira	25/02/2010	13:42	25/02/2010	17:48	Maint Work.
Chandrapur MIDC - Gadchandur	25/02/2010	17:05	25/02/2010	20:30	Ten Delta Measurment.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Lonikand - Parly - II	25/02/2010	09.00		Continued.	Air Leakage (Ckt on TBC)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	23/02/2010	14.49		Continued.	Over Voltage
Lonikand-Jejuri	25/02/2010	20:05	25/02/2010	20:40	Isolator Work.
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		
220/132KV,150 MVA ICT-II at Boisar.	26/02/2010	01:30	26/02/2010	02:40	Master Trip Relay Operated.HV/LV side.
220/22 KV, 50 MVA T/F-II @ Kalwa	26/02/2010	04:58		Continued.	Diff. Protection.
Voltage Level : 132KV			Outage Type TRIPPED		
Nanded - Umri	25/02/2010	00:53	25/02/2010	01:06	Distance protection

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Feb/2010

Position as on 6.30 Hrs of 26/Feb/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Boiser - Palghar - I	26/02/2010	01.30	26/02/2010	03.30	Distance Protection
Boiser - Palghar - II	26/02/2010	01:30	26/02/2010	03:02	Dist. Protection Z-1 R Ph.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 26/Feb/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	80
Unit 2	105	65
Unit 3	105	0
Unit 4	105	80
Unit 5	200	130
Unit 6	210	150
Unit 7	210	140
	1040	645
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	0
Unit 4	210	200
Unit 5	210	190
Unit 6	250	250
	940	686
Chandrapur		
Unit 1	210	150
Unit 2	210	150
Unit 3	210	210
Unit 4	210	210
Unit 5	500	450
Unit 6	500	400
Unit 7	500	450
	2340	2020
Paras		
Unit 2	55	0
Unit 3	250	0
	305	0
Khaparkheda		
Unit 1	210	185
Unit 2	210	180
Unit 3	210	200
Unit 4	210	190
	840	755
Nasik		
Unit 1	120	98
Unit 2	120	100
Unit 3	210	200
Unit 4	210	195
Unit 5	210	200
	870	793
Uran		
All Units	852	500
	852	500
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	36
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	70
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	32
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	353
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	1259
RGPL III	740	
	1700	1259
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3138
	3143	3138