



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

State Load Dispatch Center, Airoli

Daily system Report

for

09/Mar/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 09/Mar/2010 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	133.106	1138.604	1) Madhya Pradesh	41.223	465.507
2) Hydro	21.215	108.676	2) Gujrat	32.561	273.289
3) Gas	11.777	105.455	3) Goa	-6.593	-55.484
Total MSGENCO	166.098	1352.735	4) TAPS 1&2 (Inj.)	7.284	65.533
B) OTHERS			5) Pench (Excess)	-0.146	-1.722
1) RGPPL Gas	32.022	270.076	# Total Cent. Sector	74.329	747.123
2) Wind Generation	3.011	43.118	F) Other Exchanges		
3) PENCH (MS)	0.146	1.722	1) With TPCL	-3.616	-22.558
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	28.294	250.653	1) MSEDCL Bilateral	5.963	54.006
2) TPCL Hydro	5.044	33.889	Include PX	0.000	0.000
TOTAL TPCL	33.338	284.542	2) MUMBAI Bilateral	4.522	31.073
3) REL Thermal	12.590	114.074	Include PX	1.882	14.339
D) STATE			3) MUMBAI Schedule	4.522	31.073
1) Thermal (A1+C1+C3)	173.990	1503.331	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	26.405	144.287	1) MSEDCL	271.990	2392.216
3) Gas (A3+B1)	43.799	375.531	2) TPCL	32.526	273.029
4) Wind (B2)	3.011	43.118	3) REL	17.014	148.134
TOTAL STATE	247.205	2066.267	TOTAL STATE	321.530	2813.379

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	5617	5446	5589
MSGENCO Hydro	862	1587	502
MSGENCO Gas	474	481	487
MSGENCO Total Generation	6953	7514	6578
Central Sector Receipt	3382	3382	2473
RGPPL	1279	1397	1262
WIND	228	84	130
Exchange with TPCL	-301	-365	120
MSEDCL DEMAND MET	11541	12063	10563
Load Shedding	3670	4006	1953
MSEDCL DEMAND (INCL. LS)	15211	16069	12516
TPCL GENERATION	1697	1587	1003
REL GENERATION	525	525	524
TPCL+REL DEMAND	2523	2477	1407
STATE DEMAND MET	14064	14540	11970
STATE DEMAND (INCL. LS)	17734	18546	13923
Frequency (Hz)	49.35	49.47	49.40
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4408 MW At 21.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			84.62 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.22 Hz at 18.01 Hrs	48.84 Hz at 13.21 Hrs	49.46	1.2 % 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 09/Mar/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.59	12.17	73	53	70
Unit 2	1.68	14.51	73	66	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.71	14.72	89	56	60
Unit 5	3.82	31.56	169	143	150
Unit 6	3.89	32.27	184	140	160
Unit 7	0.02	32.52	16	0	0
	12.70	137.74			510
Bhusawal					
Unit 1	0.99	10.65	50	21	50
Unit 2	4.38	40.48	194	168	195
Unit 3	4.49	39.89	193	182	195
	9.86	91.02			440
Parli					
Unit 1	0.55	4.95	24	14	23
Unit 2	0.55	4.40	24	22	23
Unit 3	3.66	33.22	166	108	160
Unit 4	3.90	37.00	190	139	180
Unit 5	4.35	37.75	192	169	185
Unit 6	4.29	55.92	253	0	250
Unit 7	2.70	2.70	126	88	
	20.00	175.94			821
Chandrapur					
Unit 1	3.52	18.85	160	126	165
Unit 2	3.43	31.45	149	125	150
Unit 3	4.16	37.05	194	160	210
Unit 4	4.65	41.59	201	190	210
Unit 5	9.96	81.23	437	388	400
Unit 6	9.32	77.06	411	370	400
Unit 7	10.63	90.32	460	413	450
	45.68	377.54			1985
Paras					
Unit 2	0.63	6.16	28	22	25
Unit 3	5.45	11.07	242	197	210
Unit 4	0.00	0.00	0	0	
	6.08	17.24			235
Khaparkheda					
Unit 1	5.02	45.17	217	199	210
Unit 2	4.50	39.31	201	171	200
Unit 3	4.99	44.12	217	200	210
Unit 4	4.89	39.41	214	186	210
	19.40	168.02			830
Nasik					
Unit 1	2.32	20.00	101	90	100
Unit 2	2.33	20.57	109	92	100
Unit 3	4.95	44.46	214	192	210
Unit 4	4.82	42.57	212	194	210
Unit 5	4.97	43.51	212	205	210
	19.39	171.11			830
Koyna					
Stage 1-2	2.38	18.75	380	20	600
Stage 4	11.12	31.69	818	44	250
Stage 3	2.61	10.59	240	0	240
	16.11	61.02			1090
Kovna 12&4 Total	13.50	50.44			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran					
All Units	11.78	105.46	583	458	480
	11.78	105.46			480
Hydro					
KDPH	0.31	5.32	20	0	0
VTRNA	0.81	9.34	61	0	60
TILLARI	0.00	2.28	0	0	0
BHTGR/VEER	1.77	19.40	74	73	93
BHIRA T.R.	0.20	1.58	58	0	40
RNGR+BHTSA	0.27	2.91	13	10	0
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	1.74	5.81	125	0	0
	5.10	47.65			193
PENCH (MS)					
Pench (MS)	0.15	1.72	51	0	
	0.15	1.72			
Wind					
MalharPeth	0.09	1.90			
Vankuswadi	0.24	3.84			
ATIT	0.05	1.14			
Kale	0.11	1.46			
Satara	0.23	1.65			
Shirala	0.13	1.38			
K Mahankal	0.01	1.20			
Supa	0.18	1.11			
Vita	0.72	5.00			
Dondaicha	0.66	15.25			
Sakri	0.12	2.36			
Nandurbar	0.06	2.32			
Khadakale	0.31	2.70			
Khaparale	0.11	1.82			
	3.01	43.12			
Dabhol					
RGPPL	32.02	270.08	1403	1170	1609
	32.02	270.08			1609
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.72	90.08	405	405	425
Trombay 6	7.99	68.46	510	150	500
Trombay 7A	2.88	26.54	124	117	120
Trombay 7B	1.63	14.76	69	67	60
Trombay 8	6.07	50.82	255	250	250
TATA Hydro	5.04	33.89	481	0	447
	33.34	284.54			1802
REL					
1&2	12.59	114.07	528	503	500
	12.59	114.07			500
Cent Sect					
Share					3263
					3263

MS PG CL	Thermal	133.11	1138.60		5651
	Thml+Gas	144.88	1244.06		6131
	Hydro	21.22	108.68		1283
	Total	166.10	1352.74		7414
State Total		247.20	2066.27		14588

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/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	5576	908	484	6968	1263	88	2744	2731	34	66	11119	2031	13150	1612	14762	49.34
2	5577	595	487	6659	1266	95	2721	2887	34	66	10973	2080	13053	1510	14563	49.51
3	5589	502	487	6578	1262	130	2669	2473	90	120	10563	1953	12516	1407	13923	49.40
4	5607	282	488	6377	1265	162	2616	2506	146	171	10481	2325	12806	1358	14164	49.61
5	5566	202	488	6256	1248	176	2617	2729	146	181	10590	2466	13056	1349	14405	49.30
6	5606	674	489	6769	1289	188	2699	2688	34	68	11002	2819	13821	1491	15312	49.30
7	5642	378	498	6518	1328	214	3019	2533	34	64	10657	3801	14458	1611	16069	49.54
8	5627	412	498	6537	1339	205	3009	2536	34	65	10682	3992	14674	1722	16396	49.49
9	5630	406	492	6528	1340	186	3008	2460	34	64	10578	3992	14570	1851	16421	49.62
10	5647	442	481	6570	1350	255	3488	3220	-337	-304	11091	3994	15085	2268	17353	49.49
11	5657	748	473	6878	1280	212	3544	3423	-359	-329	11464	3656	15120	2477	17597	49.50
12	5617	862	474	6953	1279	228	3540	3382	-359	-301	11541	3670	15211	2523	17734	49.35
13	5583	974	472	7029	1359	99	3537	3731	-359	-321	11897	3572	15469	2528	17997	49.32
14	5491	1090	467	7048	1399	60	3450	3349	-359	-312	11544	3554	15098	2429	17527	49.32
15	5524	967	458	6949	1397	41	3427	3521	-359	-342	11566	3721	15287	2482	17769	49.32
16	5553	920	462	6935	1397	38	3429	3379	-359	-328	11421	3622	15043	2528	17571	49.44
17	5377	1139	466	6982	1394	33	3432	3740	-359	-307	11842	3565	15407	2518	17925	49.36
18	5398	1299	472	7169	1397	75	3434	3557	-359	-322	11876	3155	15031	2435	17466	49.42
19	5416	1237	482	7135	1398	130	3218	3602	-449	-410	11881	3806	15687	2427	18114	49.72
20	5446	1587	481	7514	1397	84	3268	3382	-404	-365	12063	4006	16069	2477	18546	49.47
21	5480	1696	508	7684	1399	76	3184	3258	-291	-238	12204	3669	15873	2350	18223	49.49
22	5500	1330	528	7358	1403	85	3188	3264	-291	-239	11881	3682	15563	2227	17790	49.78
23	5539	1268	558	7365	1403	79	3146	2967	-232	-181	11658	3304	14962	2016	16978	49.41
24	5465	1297	583	7345	1170	73	3122	3015	-232	-182	11427	2289	13716	1948	15664	49.43
MUs	133.11	21.22	11.78	166.10	32.02	3.01	75.51	74.33	-4.52	-3.62	272.00	78.72	350.72	49.54	400.27	49.46

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 09/Mar/2010

Position as on 6.30 Hrs of 10/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.	
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.	
Dabhol 1A	230	09/03/2010	23.25	10/03/2010	13.11	Gas Line Strainer.	
Dabhol 1A	230	10/03/2010	20.00	10/03/2010	21.02	Tripped	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Mar/2010

Position as on 6.30 Hrs of 10/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
Dhule-Sar'Sarovar - II	05/03/2010	15.56	09/03/2010	19.35	H/T for O/V
Dhule-Sar'Sarovar - I	10/03/2010	03.42		Continued.	Hand Tripped for Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400 KV Main Bus- I @ Koradi	08/03/2010	04.25	10/03/2010	13.47	Replacement of CVTs and faulty disc insulators.Line Taken on TBC.
400/220KV, 500MVA ICT at Lamboti	10/03/2010	10.10	10/03/2010	17.46	Testing of Temperature Meter
Padgha - Nagothane - I	10/03/2010	12.24	10/03/2010	19.29	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 15-3-2010)
Trombay - Tifil	03/03/2010	08.28		Continued.	Repl.of Rusted Tower(upto 15-3-2010)
Ghatghar-Nasik	08/03/2010	10.35	10/03/2010	15.55	Conductor Replacement 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.
Khaparkheda - Kanhan - II	10/03/2010	07.37	10/03/2010	17.27	Fixing of Earth Wire
Khaperkheda - Ambazari - II	10/03/2010	07.42	10/03/2010	16.29	Fixing of Earth Wire
Kharepatan-Pawas	10/03/2010	10.20	10/03/2010	16.55	Connecting line PT
220/66KV 50 MVA ICT-II at Warora	10/03/2010	10.28	10/03/2010	17.30	Q.M.Work
C'pur-Sicom-I	10/03/2010	10.45	10/03/2010	13.12	Q.M.Work
220/132KV, 100MVA ICT-I at Padegaon	10/03/2010	12.20		Continued.	ICT Replacement by 200MVA New ICT
C'pur-Sicom-II	10/03/2010	14.01	10/03/2010	16.25	Q.M.Work
220/132 KV 200 MVA ICT-IV at NSK OCR	10/03/2010	15.22	10/03/2010	17.00	Instalation and Commissioning of Relay
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.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Mar/2010

Position as on 6.30 Hrs of 10/Mar/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Boiser - Palghar - II	10/03/2010	09.40	10/03/2010	19.20	R.M.work
Talegaon - Amravati	10/03/2010	09.50	10/03/2010	17.45	Replacement of L.A.
Girwali - Renapur	10/03/2010	11.30	10/03/2010	15.45	Relay Retrofitting work
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		
Bhusawal- Aurangabad	07/03/2010	20.43		Continued.	Hand Tripped for Over Voltage.
New Koyna - Dabhol - II	08/03/2010	22.08	10/03/2010	11.56	Dist.Prot.
Voltage Level : 220KV			Outage Type TRIPPED		
Kharghar - Panvel	10/03/2010	02.08	10/03/2010	03.40	Dist.Prot.
Kharghar - Kandalgaon	10/03/2010	11.25	10/03/2010	11.46	Distance Protection
null					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 Kv 200 MVA ICT at Bale	10/03/2010	10.25	10/03/2010	12.40	R.M.Work

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 10/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	80
Unit 5	200	160
Unit 6	210	150
Unit 7	210	0
	1040	530
Bhusawal		
Unit 1	58	50
Unit 2	210	195
Unit 3	210	195
	478	440
Parli		
Unit 1	30	23
Unit 2	30	0
Unit 3	210	160
Unit 4	210	200
Unit 5	210	185
Unit 6	250	250
Unit 7	250	0
	1190	818
Chandrapur		
Unit 1	210	165
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	2035
Paras		
Unit 2	55	40
Unit 3	250	210
Unit 4	250	0
	555	250
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	320
Stage 4	1000	250
Stage 3	320	240
	1920	810
Uran		
All Units	852	580

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	580
Hydro		
KDPH	40	18
VTRNA	60	60
TILLARI	60	0
BHTGR/VEER	21	74
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	245
PENCH (MS)		
Pench (MS)	53	0
	53	0
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	950
	960	950
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	3213
	3143	3213