



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

State Load Dispatch Center, Airoli

Daily system Report

for

10/Mar/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 10/Mar/2010 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	134.249	1272.853	1) Madhya Pradesh	44.450	509.957
2) Hydro	20.170	128.846	2) Gujrat	32.766	306.055
3) Gas	13.303	118.758	3) Goa	-6.367	-61.851
Total MSGENCO	167.722	1520.457	4) TAPS 1&2 (Inj.)	7.300	72.833
B) OTHERS			5) Pench (Excess)	-0.223	-1.945
1) RGPPL Gas	26.265	296.341	# Total Cent. Sector	77.926	825.049
2) Wind Generation	4.228	47.346	F) Other Exchanges		
3) PENCH (MS)	0.223	1.945	1) With TPCL	-3.758	-26.316
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	29.723	280.376	1) MSEDCL Bilateral	5.963	59.969
2) TPCL Hydro	5.141	39.030	Include PX	0.000	0.000
TOTAL TPCL	34.864	319.406	2) MUMBAI Bilateral	4.399	35.473
3) REL Thermal	12.596	126.670	Include PX	1.254	15.592
D) STATE			3) MUMBAI Schedule	4.399	35.473
1) Thermal (A1+C1+C3)	176.568	1679.899	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	25.534	169.821	1) MSEDCL	272.606	2664.822
3) Gas (A3+B1)	39.568	415.099	2) TPCL	33.361	306.390
4) Wind (B2)	4.228	47.346	3) REL	17.854	165.988
TOTAL STATE	245.898	2312.165	TOTAL STATE	323.821	3137.200

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	5621	5508	5504
MSGENCO Hydro	746	1360	686
MSGENCO Gas	541	552	592
MSGENCO Total Generation	6908	7420	6782
Central Sector Receipt	3763	3302	2573
RGPPL	1161	1150	966
WIND	318	185	133
Exchange with TPCL	-350	-282	158
MSEDCL DEMAND MET	11800	11801	10612
Load Shedding	3696	3964	2328
MSEDCL DEMAND (INCL. LS)	15496	15765	12940
TPCL GENERATION	1774	1716	1050
REL GENERATION	523	525	526
TPCL+REL DEMAND	2647	2523	1418
STATE DEMAND MET	14447	14324	12030
STATE DEMAND (INCL. LS)	18143	18288	14358
Frequency (Hz)	49.42	49.46	49.58
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4339 MW at 22.00Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			87.47 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.3 Hz at 08.05 Hrs	48.82 Hz at 22.10 Hrs	49.45	.94 % 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 10/Mar/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.43	13.60	71	48	70
Unit 2	1.65	16.15	71	59	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.92	16.64	90	62	80
Unit 5	3.78	35.34	167	147	160
Unit 6	3.83	36.09	179	140	150
Unit 7	0.00	32.52	0	0	0
	12.61	150.34			530
Bhusawal					
Unit 1	1.16	11.82	50	45	50
Unit 2	4.58	45.06	197	184	195
Unit 3	4.10	44.00	192	155	195
	9.85	100.87			440
Parli					
Unit 1	0.57	5.51	25	22	23
Unit 2	0.06	4.45	23	0	0
Unit 3	3.53	36.75	160	123	160
Unit 4	4.02	41.02	206	149	200
Unit 5	4.37	42.13	192	158	185
Unit 6	5.79	61.71	251	192	250
Unit 7	2.36	5.06	229	0	0
	20.71	196.64			818
Chandrapur					
Unit 1	3.53	22.38	156	132	165
Unit 2	3.48	34.93	148	139	150
Unit 3	4.46	41.51	195	166	210
Unit 4	4.64	46.23	202	181	210
Unit 5	9.71	90.94	448	375	450
Unit 6	9.16	86.22	410	345	400
Unit 7	10.40	100.71	450	414	450
	45.38	422.93			2035
Paras					
Unit 2	0.80	6.96	46	24	40
Unit 3	5.42	16.49	245	205	210
Unit 4	0.98	0.98	89	0	0
	7.19	24.43			250
Khaparkheda					
Unit 1	5.01	50.18	218	190	210
Unit 2	4.48	43.78	194	178	200
Unit 3	5.05	49.17	213	204	210
Unit 4	4.79	44.20	209	191	210
	19.32	187.34			830
Nasik					
Unit 1	2.27	22.28	102	79	100
Unit 2	2.29	22.85	106	80	100
Unit 3	4.95	49.41	212	198	210
Unit 4	4.74	47.30	205	177	210
Unit 5	4.95	48.46	210	193	210
	19.19	190.30			830
Koyna					
Stage 1-2	1.80	20.55	245	10	320
Stage 4	10.96	42.65	1031	0	250
Stage 3	3.45	14.03	240	0	240
	16.21	77.24			810
Kovna 12&4 Total	12.76	63.20			570

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran					
All Units	13.30	118.76	599	474	580
	13.30	118.76			580
Hydro					
KDPH	0.46	5.78	20	18	18
VTRNA	0.68	10.02	61	0	60
TILLARI	0.00	2.28	0	0	0
BHTGR/VEER	1.77	21.17	74	73	74
BHIRA T.R.	0.22	1.80	78	0	80
RNGR+BHTSA	0.30	3.21	13	11	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	0.53	6.34	125	0	0
	3.96	51.61			245
PENCH (MS)					
Pench (MS)	0.22	1.94	26	0	0
	0.22	1.94			0
Wind					
MalharPeth	0.20	2.10			
Vankuswadi	0.37	4.21			
ATIT	0.13	1.26			
Kale	0.16	1.63			
Satara	0.11	1.76			
Shirala	0.17	1.55			
K Mahankal	0.10	1.30			
Supa	0.16	1.27			
Vita	0.59	5.59			
Dondaicha	1.26	16.51			
Sakri	0.24	2.60			
Nandurbar	0.09	2.41			
Khadakale	0.12	2.83			
Khaparale	0.51	2.33			
	4.23	47.35			
Dabhol					
RGPPL	26.26	296.34	1343	965	950
	26.26	296.34			950
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.72	99.80	405	405	425
Trombay 6	9.41	77.87	510	200	500
Trombay 7A	2.87	29.41	122	117	120
Trombay 7B	1.63	16.39	69	67	60
Trombay 8	6.10	56.92	254	254	250
TATA Hydro	5.14	39.03	481	0	447
	34.86	319.41			1802
REL					
1&2	12.60	126.67	530	522	500
	12.60	126.67			500
Cent Sect					
Share					3213
					3213

MS PG CL	Thermal	134.25	1272.85		5733
	Thml+Gas	147.55	1391.61		6313
	Hydro	20.17	128.85		1055
	Total	167.72	1520.46		7368
State Total		245.90	2312.16		13833

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/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	5427	1340	590	7357	976	93	2745	2907	29	66	11399	2034	13433	1680	15113	49.47
2	5483	1196	598	7277	965	108	2721	2917	29	60	11327	2098	13425	1546	14971	49.41
3	5468	980	594	7042	966	146	2669	2770	84	110	11034	1958	12992	1470	14462	49.55
4	5504	686	592	6782	966	133	2634	2573	140	158	10612	2328	12940	1418	14358	49.58
5	5585	736	584	6905	966	152	2666	2865	100	137	11025	2458	13483	1437	14920	49.23
6	5634	1188	586	7408	966	155	2725	2770	28	66	11365	2798	14163	1519	15682	49.25
7	5614	265	590	6469	972	154	3064	3009	28	57	10661	3823	14484	1645	16129	49.47
8	5687	130	584	6401	988	142	3063	3133	28	62	10726	4030	14756	1768	16524	49.61
9	5728	172	599	6499	988	142	3059	3109	28	8	10746	4012	14758	2009	16767	49.62
10	5682	498	584	6764	987	220	3476	3223	-292	-262	10932	3939	14871	2346	17217	49.49
11	5690	704	562	6956	1000	309	3571	3827	-361	-347	11745	3645	15390	2585	17975	49.45
12	5621	746	541	6908	1161	318	3561	3763	-361	-350	11800	3696	15496	2647	18143	49.42
13	5633	654	540	6827	1233	175	3550	3792	-361	-347	11705	3669	15374	2615	17989	49.44
14	5609	823	542	6974	1237	153	3463	3459	-361	-342	11506	3647	15153	2503	17656	49.36
15	5659	782	545	6986	1271	169	3441	3422	-361	-343	11530	3809	15339	2527	17866	49.35
16	5614	755	535	6904	1343	144	3440	3576	-361	-342	11630	3684	15314	2548	17862	49.35
17	5458	883	536	6877	1267	156	3440	3512	-365	-349	11463	3631	15094	2557	17651	49.31
18	5561	829	542	6932	1160	113	3395	3564	-318	-298	11471	3196	14667	2507	17174	49.49
19	5539	1170	549	7258	1148	120	3186	3521	-363	-318	11744	3802	15546	2478	18024	49.55
20	5508	1360	552	7420	1150	185	3329	3302	-316	-282	11801	3964	15765	2523	18288	49.46
21	5568	1165	526	7259	1138	216	3297	3602	-297	-256	11985	3614	15599	2450	18049	49.57
22	5587	1086	483	7156	1102	271	3271	3443	-297	-258	11739	3641	15380	2317	17697	49.55
23	5677	1299	474	7450	1105	299	3168	2974	-238	-206	11648	3229	14877	2069	16946	49.38
24	5713	723	475	6911	1210	155	3142	2894	-238	-182	11013	2282	13295	2054	15349	49.35
MUs	134.25	20.17	13.30	167.72	26.26	4.23	76.08	77.93	-4.40	-3.76	272.61	78.99	351.59	51.22	402.81	49.45

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 10/Mar/2010

Position as on 6.30 Hrs of 11/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
Koyna Unit 12	80	03/03/2010	09.30		Continued.	Retrofitting work	05/04/2010
Parli Unit 3	210	11/03/2010	03.45		Continued.	Annual overhaul	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.	
Koyna Unit 4	75	09/03/2010	21:05	11/03/2010	20:10	B'PH CT BURST @ POPHALI U-2	
Dabhol 1A	230	09/03/2010	23.25	10/03/2010	13.11	Gas Line Strainar.	
Dabhol 1A	230	10/03/2010	20.00	10/03/2010	21.02	Tripped	
Uran Unit 6	108	10/03/2010	20.33	11/03/2010	13.35	Thyristor repalcement.	
Dabhol 1A	230	10/03/2010	21.18	11/03/2010	13:26	Tripped	
Parli Unit 7	250	11/03/2010	13.07	11/03/2010	16.31	Tripped on drum level high.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Mar/2010

Position as on 6.30 Hrs of 11/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
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
C'pur-Parli CKT .I	11/03/2010	08.24	11/03/2010	19.20	Fitting or Hardware.
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.
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
M.B.I at Ghodbunder	11/03/2010	07.55	11/03/2010	21.20	Annual Bus Maint.
Pedambe - Mahad	11/03/2010	08.00	11/03/2010	17.40	R.M. Work.
Chinchwad - Parvati	11/03/2010	09.05	11/03/2010	13.49	R.M.Work.
Bus Coupler @ Nagothane	11/03/2010	09.36	11/03/2010	13.16	Isolator Work.
220/33 KV 25 MVA T/F At Kurkumb	11/03/2010	09.40	11/03/2010	14.17	Q.M. Work
Babaleshwar - Alephata	11/03/2010	10.25	11/03/2010	17.03	Retrofitting of distance relay
220/132KV,115MVA ICT-II at Lonand.	11/03/2010	10.35	11/03/2010	16.35	To attend oil leakage
Nagothane-MSL	11/03/2010	11.30	11/03/2010	13.48	Maintenance Work.
220/132 KV T/F - II @ Boiser	11/03/2010	12.30		Continued.	Aumantation of new 200 MVA ICT.
ONGC-TSS	11/03/2010	15.00	11/03/2010	16.20	Y Phase breaker jumper clamp work.
Voltage Level : 132KV			Outage Type PLANNED 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

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Mar/2010

Position as on 6.30 Hrs of 11/Mar/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220 KV Kalwa-Borivali	11/03/2010	09.54	11/03/2010	12.08	To attended Red Hot
Voltage Level : 400KV			Outage Type HAND TRIPPED		
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.
New Koyna - Dabhol - II	08/03/2010	22.08	10/03/2010	11.56	Dist.Prot.
400/220 KV 315 MVA ICT at Chakan	10/03/2010	16.53	11/03/2010	05.50	Tripped
400/220 KV 315 MVA ICT at Akola	10/03/2010	19.22	11/03/2010	00.12	Tripped on NDR
Voltage Level : 220KV			Outage Type TRIPPED		
Bus Sec.I at Pophali	09/03/2010	21.05	11/03/2010	19.45	B Ph C T Burst.
Pedambe-Pophali I	09/03/2010	21.05	11/03/2010	20.30	B Ph C T Burst, Tripped from Pophali End.
Pophali-K'gaon	09/03/2010	21.05	11/03/2010	19.45	B Ph C T Burst, Tripped from Pophali End.
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
Khaperkheda-Purti	11/03/2010	01.04	11/03/2010	01.36	Tripped
Khapakheda - Koulawada - II	11/03/2010	01.09	11/03/2010	01.34	Distance prot B-Ph E/F zone-I
Voltage Level : 132KV			Outage Type TRIPPED		
Mankapur - Uppalwadi	10/03/2010	23.43	11/03/2010	02.30	Tripped at Uppalwadi end on backup prot.
Kanhan - Mankapur.	10/03/2010	23.43	11/03/2010	01.46	Tripped at Kanhan end dist. prot.
Hingna-Mankapur-I	10/03/2010	23.43	11/03/2010	02.27	Tripped at Hingna-I end backup prot.
Ambazari - Mankapur	10/03/2010	23.43	11/03/2010	01.54	Tripped at Ambazari end . dist. prot R ph E/F
Kanhan - Bhandara	11/03/2010	13.34	11/03/2010	13.47	Dist. port. operated R-PH zone-I
Dondaicha - Sahada	11/03/2010	19.45	11/03/2010	20.10	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 11/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	160
Unit 6	210	160
Unit 7	210	0
	1040	530
Bhusawal		
Unit 1	58	50
Unit 2	210	195
Unit 3	210	190
	478	435
Parli		
Unit 1	30	23
Unit 2	30	0
Unit 3	210	0
Unit 4	210	200
Unit 5	210	185
Unit 6	250	250
Unit 7	250	0
	1190	658
Chandrapur		
Unit 1	210	160
Unit 2	210	150
Unit 3	210	190
Unit 4	210	210
Unit 5	500	450
Unit 6	500	400
Unit 7	500	450
	2340	2010
Paras		
Unit 2	55	46
Unit 3	250	240
Unit 4	250	0
	555	286
Khaparkheda		
Unit 1	210	210
Unit 2	210	0
Unit 3	210	210
Unit 4	210	210
	840	630
Nasik		
Unit 1	120	100
Unit 2	120	100
Unit 3	210	205
Unit 4	210	205
Unit 5	210	200
	870	810
Koyna		
Stage 1-2	600	320
Stage 4	1000	250
Stage 3	320	240
	1920	810
Uran		
All Units	852	470

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	470
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	1600
	960	1600
Tata		
Trombay 4	150	0
Trombay 5	500	450
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1827
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3207
	3143	3207