



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

State Load Dispatch Center, Airoli

Daily system Report

for

15/Mar/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 15/Mar/2010 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	120.603	1876.195	1) Madhya Pradesh	45.470	753.774
2) Hydro	23.919	217.463	2) Gujrat	29.009	452.379
3) Gas	15.590	187.189	3) Goa	-6.270	-92.670
Total MSGENCO	160.112	2280.847	4) TAPS 1&2 (Inj.)	7.216	109.116
B) OTHERS			5) Pench (Excess)	-0.435	-3.210
1) RGPPL Gas	31.083	447.316	# Total Cent. Sector	74.990	1219.389
2) Wind Generation	5.535	65.990	F) Other Exchanges		
3) PENCH (MS)	0.435	3.438	1) With TPCL	-5.219	-44.550
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	30.557	433.723	1) MSEDCL Bilateral	5.979	89.799
2) TPCL Hydro	4.219	60.306	Include PX	0.000	0.000
TOTAL TPCL	34.776	494.029	2) MUMBAI Bilateral	6.257	56.746
3) REL Thermal	12.614	189.754	Include PX	3.463	24.493
D) STATE			3) MUMBAI Schedule	6.257	56.746
1) Thermal (A1+C1+C3)	163.774	2499.672	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	28.573	281.207	1) MSEDCL	266.936	3972.430
3) Gas (A3+B1)	46.673	634.505	2) TPCL	34.011	470.819
4) Wind (B2)	5.535	65.990	3) REL	18.598	257.505
TOTAL STATE	244.555	3481.374	TOTAL STATE	319.545	4700.754

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	4954	4987	5069
MSGENCO Hydro	1326	1859	315
MSGENCO Gas	624	659	645
MSGENCO Total Generation	6904	7505	6029
Central Sector Receipt	3362	3205	2761
RGPPL	1261	1340	1263
WIND	155	265	310
Exchange with TPCL	-427	-277	67
MSEDCL DEMAND MET	11285	12089	10430
Load Shedding	3602	3945	1844
MSEDCL DEMAND (INCL. LS)	14887	16034	12274
TPCL GENERATION	1707	1717	1174
REL GENERATION	525	523	527
TPCL+REL DEMAND	2659	2517	1634
STATE DEMAND MET	13944	14606	12064
STATE DEMAND (INCL. LS)	17546	18551	13908
Frequency (Hz)	49.28	49.44	49.46
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4622 MW at 20.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			88.24 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.03 Hz at 18.05 Hrs	48.81 Hz at 05.30 Hrs	49.37	2.86 % 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 15/Mar/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.81	20.71	82	56	85
Unit 2	1.56	23.94	74	47	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.80	24.98	87	52	90
Unit 5	3.60	52.98	168	125	155
Unit 6	3.69	54.81	165	142	155
Unit 7	4.40	45.95	203	165	190
	16.87	223.37			745
Bhusawal					
Unit 1	1.11	16.47	50	36	50
Unit 2	4.53	66.70	193	180	195
Unit 3	4.62	60.08	195	180	195
	10.25	143.25			440
Parli					
Unit 1	0.54	8.20	24	21	23
Unit 2	0.54	6.40	24	20	23
Unit 3	0.00	37.16	0	0	0
Unit 4	4.38	62.20	200	150	200
Unit 5	4.32	63.18	189	169	185
Unit 6	5.46	91.19	255	145	250
Unit 7	2.92	22.86	145	92	0
	18.16	291.19			681
Chandrapur					
Unit 1	3.55	40.08	157	127	160
Unit 2	3.43	51.72	145	132	150
Unit 3	3.98	61.72	177	123	180
Unit 4	4.21	68.49	193	162	210
Unit 5	0.00	127.57	0	0	0
Unit 6	9.59	132.93	413	380	400
Unit 7	10.72	152.25	470	393	450
	35.48	634.77			1550
Paras					
Unit 2	0.77	11.93	47	0	46
Unit 3	2.40	41.53	249	0	240
Unit 4	0.00	8.28	0	0	0
	3.17	61.74			286
Khaparkheda					
Unit 1	3.84	56.95	210	0	110
Unit 2	4.38	53.44	189	178	190
Unit 3	4.63	66.37	202	154	200
Unit 4	4.86	61.00	213	188	210
	17.71	237.76			710
Nasik					
Unit 1	2.30	33.73	99	88	100
Unit 2	2.29	34.24	100	85	100
Unit 3	4.79	73.49	212	176	210
Unit 4	4.71	70.39	206	182	210
Unit 5	4.87	72.28	208	190	210
	18.96	284.13			830
Koyna					
Stage 1-2	2.94	34.06	385	40	600
Stage 4	12.95	83.85	1104	0	250
Stage 3	3.42	24.90	240	0	240
	19.30	142.80			1090
Kovna 12&4 Total	15.89	117.90			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran					
All Units	15.59	187.19	674	618	630
	15.59	187.19			630
Hydro					
KDPH	0.91	9.74	38	37	38
VTRNA	0.00	11.84	0	0	0
TILLARI	0.00	2.28	0	0	0
BHTGR/VEER	2.64	33.84	110	110	71
BHIRA T.R.	0.17	3.02	48	0	80
RNGR+BHTSA	0.30	4.64	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	0.60	8.29	125	0	0
	4.61	74.66			202
PENCH (MS)					
Pench (MS)	0.44	3.44	51	0	0
	0.44	3.44			0
Wind					
MalharPeth	0.27	2.89			
Vankuswadi	0.43	5.79			
ATIT	0.30	1.89			
Kale	0.17	2.24			
Satara	0.16	2.23			
Shirala	0.18	2.28			
K Mahankal	0.06	1.78			
Supa	0.17	1.72			
Vita	0.49	8.67			
Dondaicha	1.89	22.05			
Sakri	0.36	3.58			
Nandurbar	0.26	3.17			
Khadakale	0.43	4.36			
Khaparale	0.37	3.31			
	5.54	65.99			
Dabhol					
RGPPL	31.08	447.32	1420	1218	1200
	31.08	447.32			1200
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.84	148.68	410	410	400
Trombay 6	10.13	129.92	510	220	500
Trombay 7A	2.91	43.79	123	119	120
Trombay 7B	1.62	24.51	69	65	60
Trombay 8	6.05	86.83	253	250	250
TATA Hydro	4.22	60.31	464	0	420
	34.78	494.03			1750
REL					
1&2	12.61	189.75	528	522	500
	12.61	189.75			500
Cent Sect					
Share					3167
					3167

MS PG CL	Thermal	120.60	1876.20		5242
	Thml+Gas	136.19	2063.38		5872
	Hydro	23.92	217.46		1292
	Total	160.11	2280.85		7164
State Total		244.56	3481.37		13781

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 15/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	5041	881	639	6561	1269	315	2684	2797	-16	20	10962	1913	12875	1862	14737	49.24
2	5073	606	643	6322	1264	314	2638	2746	31	68	10714	1984	12698	1713	14411	49.42
3	5069	315	645	6029	1263	310	2635	2761	31	67	10430	1844	12274	1634	13908	49.46
4	5166	212	658	6036	1274	386	2627	2695	31	68	10459	2182	12641	1564	14205	49.60
5	5164	245	670	6079	1271	386	2627	2638	31	68	10442	2304	12746	1533	14279	49.28
6	5240	793	672	6705	1270	347	2605	2610	31	68	11000	2618	13618	1592	15210	49.21
7	5288	246	673	6207	1271	357	2823	2482	36	67	10384	3568	13952	1709	15661	49.31
8	5249	201	674	6124	1347	294	2784	2730	36	68	10563	3845	14408	1790	16198	49.35
9	5269	206	670	6145	1420	156	2793	2937	36	67	10725	3927	14652	1995	16647	49.43
10	5181	408	659	6248	1420	123	3260	3360	-321	-284	10867	3851	14718	2391	17109	49.47
11	4939	971	642	6552	1405	157	3406	3557	-438	-397	11274	3518	14792	2598	17390	49.36
12	4954	1326	624	6904	1261	155	3441	3362	-485	-427	11285	3602	14887	2659	17546	49.28
13	4933	1329	620	6882	1251	108	3531	3558	-580	-516	11333	3596	14929	2737	17666	49.29
14	4867	1387	618	6872	1255	85	3485	3461	-532	-489	11207	3576	14783	2679	17462	49.28
15	4851	1418	625	6894	1248	81	3517	3408	-580	-534	11097	3727	14824	2648	17472	49.34
16	4812	1266	630	6708	1231	97	3456	3736	-627	-583	11189	3651	14840	2666	17506	49.49
17	4879	1357	633	6869	1235	116	3512	3751	-580	-536	11437	3630	15067	2641	17708	49.46
18	4896	1464	642	7002	1218	113	3422	3677	-509	-467	11568	3231	14799	2535	17334	49.47
19	4942	1516	659	7117	1395	177	2928	3249	-341	-302	11687	3818	15505	2319	17824	49.69
20	4987	1859	659	7505	1340	265	3022	3205	-311	-277	12089	3945	16034	2517	18551	49.44
21	4966	1766	658	7390	1295	314	3053	3066	-340	-285	11830	3645	15475	2422	17897	49.25
22	4983	1379	660	7022	1295	347	3118	3137	-340	-282	11570	3678	15248	2284	17532	49.37
23	4979	1351	658	6988	1295	308	3047	3011	-234	-178	11475	3230	14705	2056	16761	49.17
24	4876	1417	659	6952	1290	224	3047	3056	-286	-223	11350	2205	13555	2065	15620	49.15
MUs	120.60	23.92	15.59	160.11	31.08	5.54	73.46	74.99	-6.26	-5.22	266.94	77.09	344.02	52.61	396.63	49.37

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 15/Mar/2010

Position as on 6.30 Hrs of 16/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.	
Khaparkheda Unit 1	210	11/03/2010	15:08	15/03/2010	02.29	Water valve tube leakage.	
Paras Unit 4	250	13/03/2010	21:45		Continued.	ESP Problem.	
Cent_Sect NTPC(V-8)	500	14/03/2010	06.12	16/03/2010	00.28	Drain Line leakage	
Chandrapur Unit 5	500	14/03/2010	15.31		Continued.	Boiler Tube Leakage.	17/03/2010
Paras Unit 3	250	15/03/2010	09.58		Continued.	Boiler Tube Leakage.	18/03/2010
Paras Unit 2	55	15/03/2010	16.16	15/03/2010	22.20	Aux.Supply Fail.	
Dabhol 3B	230	15/03/2010	23.44		Continued.	Replacement of Air Intake Filters of CTG-3B.	17/03/2010
Dabhol 3X	290	15/03/2010	23.44		Continued.	Replacement of Air Intake Filters of CTG-3B.	17/03/2010

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Mar/2010

Position as on 6.30 Hrs of 16/Mar/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Padgha - Boisar (PGCIL)	15/03/2010	13.50	15/03/2010	16.30	To Attend Red Hot @ Loc No.100.
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	15/03/2010	11.50	Hand Tripped for Over Voltage.
Kolhapur-Mapusa-II	16/03/2010	13.41	16/03/2010	14.28	R Ph Bus Side Isolator Sparking.
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.
Trombay - Tifil	03/03/2010	08.28		Continued.	Repl.of Rusted Tower.
220/132KV, 100MVA ICT-I at Padegaon	10/03/2010	12.20		Continued.	ICT Replacement by 200MVA New ICT
220/132 KV T/F - II @ Boiser	11/03/2010	12.30		Continued.	Aumantation of new 200 MVA ICT.
Badnera-Amravati	15/03/2010	06.52	15/03/2010	18.21	Maintainance Work of Isolator.
Khaparkheda - Ambazari - II	15/03/2010	08.07	15/03/2010	19.48	Replacement of E/W.
Khaparkheda - Kanhan - II	15/03/2010	08.10	15/03/2010	19.40	Replacement of E/W.
Pedambe-Newkoyna	15/03/2010	08.15	15/03/2010	17.55	Bay Preventive Maint.Work.
Pedambe-Mahad	15/03/2010	09.10	15/03/2010	13.21	Isolator Maint.Work.
220/132 KV 100 MVA ICT-II @ Chikali	15/03/2010	10.15	15/03/2010	11.40	Hot Spot on B Ph Jumper Clamp of L V Brekar.
Girawli-Parli-III	15/03/2010	14.04		Continued.	C B Replacement Work.
Bableshwar - Alephata	15/03/2010	14.37	15/03/2010	17.36	Trip Ckt Faulty Work.
Badnera-Akola Ckt.I	16/03/2010	07.10	16/03/2010	11.45	Replacement of Disc Ins. @ Loc No.23.
Kalwa - Ghatghar	16/03/2010	08.35		Continued.	Commissioning Work of 220KV Airoli Knowladge Park.
Kalwa-Nasik	16/03/2010	09.00		Continued.	Commissioning Work of 220KV Airoli Knowladge Park.
Khaparkheda - Kanhan - II	16/03/2010	11.54	16/03/2010	16.36	Replacement of Brokan E/W.
Khaparkheda - Ambazari - II	16/03/2010	12.02	16/03/2010	16.38	Replacement of Brokan E/W.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Dhule - Dhule	16/03/2010	10.45	16/03/2010	15.15	L A Replacement Work.
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
KALWA-SALSET I	16/03/2010	08.54	16/03/2010	19.53	Commissioning Work of 220KV Airoli Knowladge Park.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
315 MVA ICT-II at Koradi	15/03/2010	20.16	15/03/2010	21.48	For Attending Red Hot on Y Ph C T.
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	15/03/2010	10.30	Ict loading at Chikhali

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Mar/2010

Position as on 6.30 Hrs of 16/Mar/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 400KV			Outage Type TRIPPED		
Bhusawal- Aurangabad	07/03/2010	20.43		Continued.	Hand Tripped for Over Voltage.
Lonikand-Karad	16/03/2010	13.36	16/03/2010	14.03	Tripped.
Voltage Level : 220KV			Outage Type TRIPPED		
Bableshtar - Alephata	15/03/2010	06.27	15/03/2010	07.30	Dist.Prot.
Babaleshtar - Alephata	15/03/2010	19.36	16/03/2010	08.26	Distance Protection,Decleared Faulty.
Jejuri-Phursungi	16/03/2010	00.45	16/03/2010	11.24	Distance Protection,Decleared Faulty.
Babaleshtar - Alephata	16/03/2010	11.34	16/03/2010	18.40	Distance Protection.
Voltage Level : 132KV			Outage Type TRIPPED		
Parbhani-Parthar	15/03/2010	11.27	15/03/2010	11.48	Dist.Prot.
Kanhan - Bhandara	15/03/2010	13.20	15/03/2010	13.34	Backup Protection Operated.
Kanhan - Mouda	15/03/2010	13.20	15/03/2010	14.14	Distance Protection.
132/3.3 KV 6 MVA Stn T/F @ Paras	15/03/2010	16.16		Continued.	B Ph C T Burst.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 16/Mar/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	80
Unit 2	105	70
Unit 3	105	0
Unit 4	105	80
Unit 5	200	160
Unit 6	210	160
Unit 7	210	190
	1040	740
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	185
Unit 6	250	250
Unit 7	250	0
	1190	681
Chandrapur		
Unit 1	210	150
Unit 2	210	150
Unit 3	210	180
Unit 4	210	200
Unit 5	500	0
Unit 6	500	425
Unit 7	500	475
	2340	1580
Paras		
Unit 2	55	25
Unit 3	250	0
Unit 4	250	0
	555	25
Khaparkheda		
Unit 1	210	200
Unit 2	210	190
Unit 3	210	190
Unit 4	210	190
	840	770
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	630

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	630
Hydro		
KDPH	40	38
VTRNA	60	0
TILLARI	60	0
BHTGR/VEER	21	70
BHIRA T.R.	80	80
RNGR+BHTSA	20	14
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	202
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	1200
	960	1200
Tata		
Trombay 4	150	0
Trombay 5	500	420
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1797
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3064
	3143	3064