



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

State Load Dispatch Center, Airoli

Daily system Report

for

03/May/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 03/May/2011 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	118.972	340.181	1) Madhya Pradesh	63.660	185.191
2) Hydro	20.583	54.911	2) Gujrat	31.094	83.075
3) Gas	15.454	45.695	3) Goa	-7.189	-19.550
Total MSGENCO	155.009	440.787	4) TAPS 1&2 (Inj.)	7.053	17.308
B) OTHERS			5) Pench (Excess)	-0.141	-0.343
1) RGPPL Gas	33.079	99.517	# Total Cent. Sector	94.477	265.681
2) Wind Generation	12.889	29.774	F) Other Exchanges		
3) CPP	19.282	69.641	1) With TPCL (Excess)	-11.823	-34.194
4) PENCH (MS)	0.141	0.343	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	10.647	39.473
1) TPCL Thermal	29.136	81.744	Include PX	0.000	0.000
2) TPCL Hydro	3.656	7.821	2) MUMBAI Bilateral	12.716	37.204
TOTAL TPCL	32.792	89.565	Include PX	-0.382	-1.051
3) REL Thermal	12.518	37.420	3) MUMBAI Schedule	12.716	37.204
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	160.626	459.345	1) MSEDCL	303.054	871.549
2) Hydro (A2+B3+C2)	24.380	63.075	2) TPCL	37.756	106.127
3) Gas (A3+B1)	48.533	145.212	3) REL	19.377	55.048
4) Wind (B2)	12.889	29.774	TOTAL STATE	360.187	1032.724
5) CPP (B3)	19.282	69.641			
TOTAL STATE	265.710	767.047			

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	4890	5227	4774
MSGENCO Hydro	1303	416	521
MSGENCO Gas	636	644	667
MSGENCO Total Generation	6829	6287	5962
Central Sector Receipt	4554	4580	3100
RGPPL	1398	1388	1357
WIND	365	563	596
CPP	665	937	954
Exchange with Mumbai	-670	-614	-164
MSEDCL DEMAND MET	13141	13141	11805
Load Shedding (LS)	360	0	0
MSEDCL DEMAND (INCL. LS)	13501	13141	11805
TPCL GENERATION	1697	1490	1079
REL GENERATION	521	521	523
TPCL+REL DEMAND	2888	2625	1766
STATE DEMAND MET	16029	15766	13571
Load Management (LM)	2113	3496	1484
Total Load Relief (LS+LM)	2473	3496	1484
UNRESTRICTED STATE DEMAND	18502	19262	15055
Frequency (Hz)	49.91	49.90	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.49 Hz at 18:03 Hrs	49.38 Hz at 14:28 Hrs	49.9	0 % of Time(min)

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 03/May/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.28	12.71	185	172	180
Unit 6	4.61	13.85	202	182	190
Unit 7	4.59	13.51	200	185	190
	13.48	40.07			560
Bhusawal					
Unit 2	1.51	4.46	180	0	0
Unit 3	4.32	6.58	185	170	180
Unit 4	0.00	0.00	0	0	0
	5.83	11.03			180
Parli					
Unit 3	3.48	10.68	171	126	170
Unit 4	3.38	4.06	155	126	135
Unit 5	3.33	8.13	146	123	135
Unit 6	0.79	0.79	189	0	0
Unit 7	4.59	14.23	240	148	160
	15.57	37.88			600
Chandrapur					
Unit 1	3.65	11.55	165	135	165
Unit 2	3.62	11.46	166	131	160
Unit 3	4.38	13.38	198	134	195
Unit 4	4.18	12.46	180	165	180
Unit 5	10.01	30.75	457	390	450
Unit 6	8.37	24.61	403	260	300
Unit 7	10.28	30.42	442	411	430
	44.50	134.64			1880
Paras					
Unit 3	4.40	12.80	210	156	180
Unit 4	4.82	15.10	244	103	200
	9.22	27.90			380
Khaparkheda					
Unit 1	4.46	12.53	205	160	190
Unit 2	4.56	13.20	205	166	190
Unit 3	0.00	0.00	0	0	0
Unit 4	5.11	15.67	222	192	210
Unit 5	0.00	0.00	0	0	0
	14.13	41.40			590
Nasik					
Unit 1	2.06	3.84	92	81	95
Unit 2	2.06	5.58	91	78	95
Unit 3	4.25	13.06	190	155	190
Unit 4	3.91	12.20	195	124	190
Unit 5	3.97	12.59	185	147	170
	16.25	47.27			740
Uran					
All Units	15.45	45.70	667	620	620
	15.45	45.70			620
Dabhol					
RGPPL	33.08	99.52	1401	1348	1400
	33.08	99.52			1400
Koyna					
Stage 1-2	5.43	14.14	500	35	600
Stage 4	9.29	24.07	836	0	250
Stage 3	3.14	8.22	240	0	240
	17.86	46.43			1090
Kovna 12&4 Total	14.72	38.21			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.12	0.12	18	0	0
VTRNA	0.00	0.00	0	0	0
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.10	0.31	5	4	4
BHIRA T.R.	0.19	0.45	67	0	80
RNGR+BHTSA	0.33	0.99	14	12	14
BHANDARDRA	0.77	2.27	33	31	32
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.89	2.49	45	34	10
GHATGHAR	0.33	1.85	125	0	0
	2.73	8.48			140
PENCH (MS)					
Pench (MS)	0.14	0.34	27	0	0
	0.14	0.34			0
Wind					
MalharPeth	0.23	0.54			
Vankuswadi	0.63	1.53			
ATIT	0.09	0.24			
Kale	0.25	0.71			
Satara	0.63	1.48			
Shirala	0.20	0.61			
K Mahankal	0.03	0.76			
Supa	0.13	0.25			
Vita	1.01	3.45			
Dondaicha	6.37	13.38			
Sakri	1.00	2.19			
Nandurbar	0.68	1.58			
Khandke	1.06	1.67			
Khaparale	0.58	1.37			
	12.89	29.77			
CPP					
JSW JAIGAD	8.35	31.15	538	0	485
WARDHA	5.52	20.01	334	198	210
Other CPPs	5.41	18.48			
	19.28	69.64			695
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.65	33.82	490	450	500
Trombay 6	7.11	17.66	450	150	500
Trombay 7A	2.89	8.62	122	118	120
Trombay 7B	1.58	4.74	67	65	60
Trombay 8	5.90	16.90	251	150	250
TATA Hydro	3.66	7.82	341	0	447
	32.79	89.56			1877
REL					
1&2	12.52	37.42	523	519	500
	12.52	37.42			500
Cent Sect					
Share					3481
					3481

MS PG CL	Thermal	118.97	340.18		4930
	Thml+Gas	134.43	385.88		5550
	Hydro	20.58	54.91		1230
	Total	155.01	440.79		6780
State Total		265.51	767.05		14733

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/May/2011

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAN D WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS														
1	4832	618	645	6095	1359	501	966	3183	3630	-576	-519	12032	2016	12032	2167	16215	49.64
2	4816	682	654	6152	1356	512	955	3004	3346	-389	-384	11937	1893	11937	1958	15788	49.75
3	4800	623	657	6080	1356	596	954	2843	3227	-231	-241	11972	1387	11972	1835	15194	49.89
4	4774	521	667	5962	1357	596	954	2794	3100	-182	-164	11805	1484	11805	1766	15055	49.91
5	4753	557	666	5976	1370	717	423	2814	3525	-237	-172	11839	1609	11839	1731	15179	49.85
6	4712	1112	666	6490	1379	439	425	2693	3764	-199	-156	12341	1819	12341	1754	15914	49.87
7	4770	1136	656	6562	1380	391	430	3029	4048	-302	-218	12593	1962	12593	1776	16331	50.00
8	4747	1238	649	6634	1371	367	428	3116	4152	-404	-374	12578	1996	12612	1872	16446	49.98
9	4711	1189	639	6539	1371	311	456	3042	4307	-332	-349	12635	2499	13172	2148	17282	49.93
10	4808	1153	636	6597	1372	321	549	3337	4487	-515	-534	12819	2523	13337	2556	17898	49.91
11	4895	1030	631	6556	1387	276	604	3633	4663	-687	-659	12840	2709	13391	2828	18377	50.02
12	4890	1303	636	6829	1398	365	665	3602	4554	-697	-670	13141	2473	13501	2888	18502	49.91
13	4941	1448	631	7020	1397	570	881	3536	4195	-697	-683	13380	2114	13380	2888	18382	49.97
14	4967	1283	626	6876	1395	626	874	3493	3984	-697	-622	13133	2114	13133	2803	18050	49.91
15	5018	1587	620	7225	1394	741	851	3416	3702	-697	-649	13264	2014	13264	2831	18109	49.63
16	5095	1560	625	7280	1401	601	928	3405	3746	-697	-682	13274	1954	13274	2868	18096	49.90
17	5194	1151	630	6975	1389	912	913	3405	3956	-697	-646	13499	1971	13548	2828	18298	49.95
18	5247	418	639	6304	1392	791	896	3370	3897	-659	-577	12703	2260	12738	2773	17736	50.12
19	5237	198	642	6077	1391	739	922	3178	3343	-598	-518	11954	3217	11954	2599	17770	50.17
20	5227	416	644	6287	1388	563	937	3251	4580	-668	-614	13141	3496	13141	2625	19262	49.90
21	5054	592	649	6295	1384	499	1005	3360	4420	-668	-629	12997	3491	12997	2545	19033	49.95
22	5081	423	652	6156	1374	458	1071	3360	4340	-668	-631	12794	3489	12794	2429	18712	49.93
23	5160	160	648	5968	1370	522	1104	3168	3862	-594	-571	12281	3486	12281	2343	18110	49.76
24	5243	185	646	6074	1348	475	1091	3080	3649	-622	-561	12102	3106	12102	2322	17530	49.77
MUs	118.97	20.58	15.45	155.01	33.08	12.89	19.28	77.11	94.48	-12.72	-11.82	303.05	57.08	305.14	57.13	417.27	49.90

NOTE : ALL VALUES IN MW

Mumbai Sch./Net Exch is shown with reference to MSETCL System. (+) indicates Mum. to MSETCL and (-) indicates MSETCL to Mum. Mumbai Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 03/May/2011

Position as on 6.30 Hrs of 04/May/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Dabhol 1B	230	15/03/2011	02.37		Continued.	Upgradation Work.	10/05/2011
Khaparkheda Unit 3	210	25/04/2011	02.51		Continued.	Annual overhaul.	25/05/2011
FORCED OUTAGE							
Cent_Sect Kawas GT2A	106	27/04/2011	12.43		Continued.	Preventive maint.work	04/05/2011
Parli Unit 6	250	30/04/2011	20.37	03/05/2011	17.26	Boiler Tube Leakage.	
Koyna Unit 11	80	01/05/2011	07.00		Continued.	Rotor E/F	04/05/2011
Bhusawal Unit 2	210	01/05/2011	16.58	03/05/2011	13.43	Boiler Tube Leakage	
Cent_Sect NTPC(V-4)	210	02/05/2011	16.23	04/05/2011	02.54	Blr T/L.	
Cent_Sect NTPC(K-7)	500	03/05/2011	03.18		Continued.	6.6KV Bus Flashover.	04/05/2011
CPP JSW (J) U1	300	03/05/2011	04.03	03/05/2011	08.45	Tripped due to N.Koyna-Jaigad line I&II.	
CPP JSW (J) U2	300	03/05/2011	04.03	03/05/2011	09.40	Tripped due to N.Koyna-Jaigad line I&II.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/May/2011

Position as on 6.30 Hrs of 04/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Pench-Mansar	08/04/2011	10.35		Continued.	Replacement of Relay & Control Panel up to 05.05.2011.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - I	03/05/2011	23.17		Continued.	Over Voltage.
IntraState					
Voltage Level : 500KV			Outage Type PLANNED OUTAGE		
HCDC Pole-II @Padghe	03/05/2011	22.11	04/05/2011	06.20	Advantageous outage for Checking of converter T/F OLTC sensing mechanism, attending leakage of cooling fan problem.
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Bhusawal	02/05/2011	12.16	03/05/2011	02.26	To attend B-Ph CT oil leakage.
Newkoyna - Jaigad - I	03/05/2011	12.20	03/05/2011	19.01	Insulator replacement.
Bus Coupler @ Chandrapur	03/05/2011	13.08	03/05/2011	15.57	Maint.of CRM of CB and R.M.Work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 Month Outage.)
Kalwa - Tifil	15/04/2011	09.42		Continued.	Stringing of 4th ckt. between Mahape S/S and TIFIL LILO Tower.
220/132 KV 100 MVA ICT-II @ Parbhani	16/04/2011	11.38		Continued.	Augmentation by 200MVA ICT.
220/33KV 125 MVA T/F 4 at Ghodbandar	01/05/2011	06.10		Continued.	Annual Maint.
Kalwa - Airoli - Knowledge Park.	02/05/2011	09.04	03/05/2011	19.05	Replacement of 3 Core CT by 5 Core CT.
220/132 KV 200 MVA ICT-II @ Harangul	03/05/2011	08.28	03/05/2011	13.50	Q.M.Work
Vita - Karad II	03/05/2011	09.27	03/05/2011	16.51	Q.M.Work.
Karad-Kolhapur - II	03/05/2011	09.27	03/05/2011	19.20	Wave Trap replacement work.
KDPH-Wankuswadi	03/05/2011	11.45		Continued.	Y ph.LA replacement work at Vankushwadi.
Pophali - KDPH	03/05/2011	11.50	03/05/2011	20.10	Distance protection.
Pophali - Pedambe - I	03/05/2011	14.55	03/05/2011	15.40	Distance protection.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Harangul-Chakur	03/05/2011	06.35	03/05/2011	10.10	Attending hot spot.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220KV 105MVA Spare ICT @ Parly-II	22/04/2011	13.50		Continued.	To remove trip coil assembly for bus coupler.
New Koyna - Karad - I	03/05/2011	06.13	03/05/2011	11.26	To attend Hot Spot.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Abhijeet I	18/04/2011	17.05		Continued.	To control Koradi ICT Load
Chandrapur-Warora - I	27/04/2011	15.35		Continued.	To Control WRR-WRD & WRR-HGHAT Loading.
Dhule-Chalisgaon	29/04/2011	13.19		Continued.	To control Dhule ICT loading.
Bale-Murud	30/04/2011	15.15	03/05/2011	08.49	To control Parly ICTs loading.
Bale-Usmanabad	30/04/2011	15.15	03/05/2011	08.49	To control Parly ICTs loading.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/May/2011

Position as on 6.30 Hrs of 04/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Wardha-Abhijeet I	02/05/2011	15.28		Continued.	To control Koradi ICT loading.
Khaperkheda - Wardha.	02/05/2011	19.15		Continued.	To control Koradi ICT loading.
Ambazari - Abhijeet	02/05/2011	19.52		Continued.	To control Koradi ICT loading.
Karad-Oglewadi-I	03/05/2011	11.14	03/05/2011	11.22	To control 400KV New Koyna-Karad-II line loading.
Karad - Ogalewadi - II	03/05/2011	11.14	03/05/2011	11.22	To control 400KV New Koyna-Karad-II line loading.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Voltage Level : 500KV			Outage Type TRIPPED		
HVDC Pole II Padgha	03/05/2011	05.35	03/05/2011	06.37	Reduced voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Newkoyna - Jaigad - I	03/05/2011	04.03	03/05/2011	05.27	Distance protection.
New Koyna - Jaigad - II	03/05/2011	04.03	03/05/2011	05.25	Distance protection.
Voltage Level : 220KV			Outage Type TRIPPED		
220/100KV 200MVA ICT-III at Kalwa	03/04/2011	16.00		Continued.	Buchholz Trip, Diff. Prot. operated, PRV tripped(Failed).
220/110KV 200MVA ICT-II at Mudshingi	10/04/2011	18.10		Continued.	Differential Protection, Defective B Phase LA replaced(Kept on Humming at 16.30Hrs on 18/4/11)
Warora - Wardha Power - II	02/05/2011	15.06	03/05/2011	19.23	R-Ph CT burst.
Voltage Level : 132KV			Outage Type TRIPPED		
Bhandara-Mouda	03/05/2011	16.10	03/05/2011	16.29	Distance protection.
Kanhan - Bhandara	03/05/2011	16.10	03/05/2011	16.28	Distance protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 04/May/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	180
Unit 6	210	200
Unit 7	210	190
	620	570
Bhusawal		
Unit 2	210	180
Unit 3	210	190
Unit 4	0	
	420	370
Parli		
Unit 3	210	162
Unit 4	210	150
Unit 5	210	145
Unit 6	250	240
Unit 7	250	240
	1130	937
Chandrapur		
Unit 1	210	140
Unit 2	210	140
Unit 3	210	195
Unit 4	210	180
Unit 5	500	425
Unit 6	500	400
Unit 7	500	435
	2340	1915
Paras		
Unit 3	250	180
Unit 4	250	170
	500	350
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	0
Unit 4	210	210
Unit 5	0	
	840	610
Nasik		
Unit 1	120	95
Unit 2	120	95
Unit 3	210	180
Unit 4	210	170
Unit 5	210	180
	870	720
Uran		
All Units	852	630
	852	630
Dabhol		
RGPP	1940	1350
	1940	1350
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		
KDPH	40	18

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	0
TILLARI	60	0
BHTGR/VEER	21	4
BHIRA T.R.	80	80
RNGR+BHTSA	20	14
BHANDARDRA	45	32
ELDARY	23	0
SMLHY PTN	12	11
GHATGHAR	250	0
	611	159
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	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	600	485
WARDHA	405	365
Other CPPs	0	
	1005	850
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	3455	3387
	3455	3387