



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

State Load Dispatch Center, Airoli

Daily system Report

for

05/Apr/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 05/Apr/2011 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	132.868	666.695	1) Madhya Pradesh	53.696	268.001
2) Hydro	22.933	87.397	2) Gujrat	29.231	152.891
3) Gas	15.537	73.892	3) Goa	-6.150	-30.423
Total MSGENCO	171.338	827.984	4) TAPS 1&2 (Inj.)	4.869	18.426
B) OTHERS			5) Pench (Excess)	-0.300	-1.642
1) RGPPL Gas	36.472	180.249	# Total Cent. Sector	81.346	407.253
2) Wind Generation	4.682	38.460	F) Other Exchanges		
3) CPP	22.895	104.801	1) With TPCL (Excess)	-12.878	-59.082
4) PENCH (MS)	0.300	1.642	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	14.171	70.739
1) TPCL Thermal	23.164	107.824	Include PX	0.000	0.000
2) TPCL Hydro	5.588	18.234	2) MUMBAI Bilateral	14.091	63.347
TOTAL TPCL	28.752	126.058	Include PX	0.619	6.178
3) REL Thermal	12.494	63.076	3) MUMBAI Schedule	14.091	65.722
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	168.526	837.595	1) MSEDCL	304.155	1501.307
2) Hydro (A2+B3+C2)	28.821	107.273	2) TPCL	36.031	165.427
3) Gas (A3+B1)	52.009	254.141	3) REL	18.093	82.781
4) Wind (B2)	4.682	38.460	TOTAL STATE	358.279	1749.515
5) CPP (B3)	22.895	104.801			
TOTAL STATE	276.933	1342.270			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	5633	5514	5539
MSGENCO Hydro	1118	1630	157
MSGENCO Gas	639	637	664
MSGENCO Total Generation	7390	7781	6360
Central Sector Receipt	3973	3401	2957
RGPPL	1518	1521	1545
WIND	144	170	291
CPP	981	958	842
Exchange with Mumbai	-794	-611	-281
MSEDCL DEMAND MET	13212	13242	11714
Load Shedding (LS)	236	0	0
MSEDCL DEMAND (INCL. LS)	13448	13242	11714
TPCL GENERATION	1378	1504	789
REL GENERATION	524	526	488
TPCL+REL DEMAND	2696	2641	1558
STATE DEMAND MET	15908	15883	13272
Load Management (LM)	2230	3650	1596
Total Load Relief (LS+LM)	2466	3650	1596
UNRESTRICTED STATE DEMAND	18374	19533	14868
Frequency (Hz)	49.84	49.60	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 18.04 Hrs	49.08 Hz at 19.14 Hrs	49.76	.35 % 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 05/Apr/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.64	20.35	175	68	167
Unit 6	4.18	22.34	185	155	178
Unit 7	4.38	22.72	200	170	180
	12.21	65.41			525
Bhusawal					
Unit 2	4.15	20.06	190	150	190
Unit 3	4.38	21.76	195	170	190
Unit 4		0.00	0	0	
	8.54	41.82			380
Parli					
Unit 3	4.40	19.08	198	158	190
Unit 4	4.48	22.85	203	163	180
Unit 5	4.18	20.28	192	158	180
Unit 6	5.22	27.24	244	161	240
Unit 7	4.53	24.32	217	150	200
	22.81	113.78			990
Chandrapur					
Unit 1	3.31	17.73	150	117	160
Unit 2	3.13	17.59	146	119	140
Unit 3	4.22	21.20	194	144	190
Unit 4	4.31	21.23	183	175	180
Unit 5	10.88	54.73	470	440	460
Unit 6	11.04	54.65	475	444	480
Unit 7	7.80	44.94	372	260	350
	44.68	232.06			1960
Paras					
Unit 3	5.62	11.96	246	202	250
Unit 4	5.68	27.22	249	191	250
	11.29	39.18			500
Khaparkheda					
Unit 1	4.79	23.76	205	190	210
Unit 2	4.02	21.97	198	0	210
Unit 3	4.58	24.26	210	171	210
Unit 4	5.24	26.26	223	210	210
Unit 5		0.00	0	0	
	18.63	96.25			840
Nasik					
Unit 1	0.64	8.44	87	0	85
Unit 2	1.47	9.36	89	0	95
Unit 3	4.38	20.86	190	170	190
Unit 4	4.24	20.50	203	142	210
Unit 5	3.98	19.03	181	140	180
	14.71	78.19			760
Uran					
All Units	15.54	73.89	671	632	640
	15.54	73.89			640
Dabhol					
RGPPL	36.47	180.25	1554	1472	1500
	36.47	180.25			1500
Koyna					
Stage 1-2	4.92	16.76	520	40	600
Stage 4	8.18	31.39	830	0	250
Stage 3	3.11	10.50	240	0	320
	16.20	58.66			1170
Kovna 12&4 Total	13.10	48.15			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.45	2.28	19	18	19
VTRNA	1.06	5.04	61	0	60
TILLARI	0.39	1.87	60	0	60
BHTGR/VEER	0.44	1.89	20	16	20
BHIRA T.R.	0.16	1.24	59	0	80
RNGR+BHTSA	0.34	1.97	15	13	15
BHANDARDRA	0.72	3.34	30	30	25
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.82	4.36	36	34	10
GHATGHAR	2.36	6.76	240	0	0
	6.73	28.74			289
PENCH (MS)					
Pench (MS)	0.30	1.64	52	0	
	0.30	1.64			
Wind					
MalharPeth	0.34	1.39			
Vankuswadi	0.28	2.69			
ATIT	0.03	0.88			
Kale	0.07	1.02			
Satara	0.07	3.29			
Shirala	0.12	1.21			
K Mahankal	0.02	0.36			
Supa	0.20	0.73			
Vita	0.60	4.81			
Dondaicha	1.67	14.36			
Sakri	0.32	2.24			
Nandurbar	0.20	1.86			
Khandke	0.52	1.82			
Khaparale	0.24	1.80			
	4.68	38.46			
CPP					
JSW JAIGAD	12.94	64.67	567	466	550
WARDHA	5.81	18.05	322	178	320
Other CPPs	4.15	22.08			
	22.90	104.80			870
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.37	39.02	490	440	500
Trombay 6	5.07	25.90	370	150	500
Trombay 7A	2.92	14.69	125	118	120
Trombay 7B	1.58	7.95	67	65	60
Trombay 8	2.23	20.26	245	0	0
TATA Hydro	5.59	18.23	471	0	447
	28.75	126.06			1627
REL					
1&2	12.49	63.08	529	488	500
	12.49	63.08			500
Cent Sect					
Share					3321
					3321

MS PG CL	Thermal	132.87	666.70		5955
	Thml+Gas	148.40	740.59		6595
	Hydro	22.93	87.40		1459
	Total	171.34	827.98		8054
State Total		276.93	1342.27		15872

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/Apr/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	5483	211	662	6356	1544	368	823	3061	2892	-562	-443	11592	2644	11592	1920	16156	49.82
2	5426	152	663	6241	1554	352	844	2978	2911	-503	-399	11519	2555	11519	1727	15801	49.95
3	5461	151	663	6275	1545	339	842	2942	2964	-469	-332	11633	1680	11633	1611	14924	49.86
4	5539	157	664	6360	1545	291	842	2851	2957	-369	-281	11714	1596	11714	1558	14868	49.98
5	5602	242	664	6508	1516	242	841	2847	3017	-369	-246	11878	1702	11878	1537	15117	49.87
6	5682	524	666	6872	1472	222	976	2818	3065	-350	-299	12308	1937	12308	1622	15867	49.80
7	5759	1195	671	7625	1518	165	970	2970	2896	-350	-344	12830	2098	12860	1714	16642	49.83
8	5767	881	669	7317	1514	119	993	3016	3419	-374	-366	12996	2212	13140	1806	17014	50.03
9	5612	725	655	6992	1515	109	999	3083	3895	-422	-364	13165	2217	13314	2080	17462	49.92
10	5645	1160	647	7452	1515	137	990	3303	3551	-537	-557	13088	2250	13214	2427	17765	49.76
11	5633	1118	639	7390	1518	144	981	3660	3973	-774	-794	13212	2466	13448	2696	18374	49.84
12	5608	1174	638	7420	1517	169	983	3602	3622	-798	-776	12935	2525	13201	2789	18249	49.69
13	5642	1163	633	7438	1519	143	984	3576	3995	-798	-733	13346	2547	13631	2760	18653	49.73
14	5563	1471	632	7666	1519	137	1022	3552	3730	-774	-686	13388	2519	13645	2686	18593	49.81
15	5470	1778	633	7881	1519	155	1063	3517	3600	-774	-750	13468	2423	13729	2703	18594	49.59
16	5420	2007	635	8062	1518	162	1026	3412	3585	-739	-782	13571	2375	13837	2712	18658	49.63
17	5484	2004	642	8130	1517	161	1041	3412	3795	-739	-711	13933	2498	14337	2715	19146	49.59
18	5556	1503	635	7694	1516	149	1034	3412	3481	-739	-664	13210	2498	13433	2652	18360	49.72
19	5483	1260	643	7386	1519	130	983	3095	3180	-556	-507	12691	3319	12691	2574	18584	49.71
20	5514	1630	637	7781	1521	170	958	3411	3401	-676	-611	13242	3650	13242	2641	19533	49.60
21	5551	1072	632	7255	1520	187	951	3441	3502	-700	-627	12829	3662	12829	2533	19024	49.63
22	5410	511	639	6560	1519	199	943	3417	3503	-676	-617	12157	3662	12157	2361	18180	49.67
23	5363	352	639	6354	1520	222	951	3169	3282	-541	-514	11865	3662	11865	2209	17736	49.65
24	5195	492	636	6323	1492	210	847	3018	3130	-508	-475	11577	3363	11577	2091	17031	49.66
MUs	132.87	22.93	15.54	171.34	36.47	4.68	22.89	77.56	81.35	-14.09	-12.88	304.15	62.06	306.79	54.12	420.33	49.76

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 05/Apr/2011

Position as on 6.30 Hrs of 06/Apr/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect Tarapur 2	80	04/03/2011	01.25	05/04/2011	07.41	Refueling Work.	
Dabhol 1B	230	15/03/2011	02.37		Continued.	Upgradation Work.	27/04/2011
Cent_Sect NTPC(K-3)	210	31/03/2011	23.46		Continued.	Annual Overhaul	30/04/2011
Cent_Sect sipat-5	500	01/04/2011	00.14		Continued.	Annual Overall.	25/04/2011
FORCED OUTAGE							
Cent_Sect NTPC(V-2)	210	01/04/2011	00.07		Continued.	Boiler License Renewal	06/04/2011
CPP WPCL U-2	135	01/04/2011	00.11	05/04/2011	12.35	Unit W/D Upto 0600 Hrs Since There is No Buyer.	
Tata Trombay 8	250	05/04/2011	01.31	05/04/2011	13.34	Derator Bypass Line Leakage	
Nasik Unit 1	125	05/04/2011	07.55		Continued.	Boiler Tube Leakage	08/04/2011
Nasik Unit 2	125	05/04/2011	17.25		Continued.	Chain Extractor Problem	06/04/2011
Khaparkheda Unit 2	210	05/04/2011	21.42	06/04/2011	02.17	Turbine Tripped	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/Apr/2011

Position as on 6.30 Hrs of 06/Apr/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Borivali - Tarapur	03/04/2011	09.10		Continued.	LILO work of 220KV Borivali-Boilsser at 220KV Ghodbandar.(up to 20.04.2011)
Wardha - Deoli (PGCIL)	05/04/2011	08.05	05/04/2011	16.11	Crossing of 765KV Deoli-Seoni line
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Badnera - Deoli (PGCIL)	03/04/2011	11.13	05/04/2011	11.59	Checking of SF6 Gas Pressure(Ckt on TBC)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur - Mapusa - I	04/04/2011	21.55	05/04/2011	08.13	Over Voltage
Karad - Solapur (PGCIL)	05/04/2011	21.37	05/04/2011	22.14	For attending Heavy sparking
Kolhapur - Mapusa - II	05/04/2011	22.39		Continued.	Over Voltage
Akola - Wardha - I	05/04/2011	23.35	06/04/2011	06.22	Over Voltage
Dhule-Sar'Sarovar - I	05/04/2011	23.41		Continued.	Over Vltge
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Sar'Sarovar - II	02/04/2011	21.56		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Line Reactor of BSL-KORDY at BSL end	18/03/2011	12.51		Continued.	O/H work up to 10.04.2011.
New Koyna - Jaigad - II	05/04/2011	08.54	05/04/2011	19.33	Cleaning of line Insulator
400/220 KV 315 MVA ICT-I @ Nagothane	05/04/2011	09.48	05/04/2011	20.38	R.M.Work
New Koyna - Karad - I	05/04/2011	10.12	05/04/2011	18.22	To attend Oil Leakage
Karad-Kolhapur-II	05/04/2011	12.49		Continued.	complete overhauling work of Breaker(Line taken on TBC)
Padgha - Kharghar	05/04/2011	17.55	05/04/2011	21.00	To attend Red Hot Spot(Line taken on TBC)
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
220/110 KV 100 MVA T/F - II @ Mudshingi	07/02/2011	15.12		Continued.	Augmentation by 200 MVA.up to 06.04.11.
220/132 KV 200 MVA ICT - II @ Bhusawal	29/03/2011	07.50	05/04/2011	19.50	Replacement of Isolators,ICT on TBC.Upto 05.04.2011.
220/7 KV 20 MVA Stn.T/F-II at Korady	31/03/2011	10.47		Continued.	Oil Leakage.
Borivali-Boisar	03/04/2011	09.48		Continued.	LILO work of 220KV Borivali-Bhoisor at 220KV Ghodbandar(Up to 20/4/11)
Kalwa - Salshet - III	05/04/2011	09.45	05/04/2011	18.12	Attending Hot Spot(Line taken on TBC)
ONGC-TSS	05/04/2011	10.05	05/04/2011	18.55	Bay Maint.work
Nagothane - SPCL	05/04/2011	10.17	05/04/2011	19.40	R.M.Work
Vita-Maisal	05/04/2011	11.00	05/04/2011	14.20	Q.M.Work
220/110 KV 200 MVA ICT - I @ Kolhapur	05/04/2011	11.55	05/04/2011	14.05	Oil Topup work
Wadkhal-IPCL I	05/04/2011	12.05	05/04/2011	18.10	For taking CRM
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Dhule-Dondaicha	05/04/2011	09.25	05/04/2011	17.40	Replacement of Bus Isolator
Bhusawal - Muktainagar	05/04/2011	12.50	05/04/2011	17.21	To attend Red Hot

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/Apr/2011

Position as on 6.30 Hrs of 06/Apr/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220KV 315MVA ICT-II @ New Koyna	05/04/2011	17.08	05/04/2011	23.15	Emergency Outage
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Khaparkheda - Kanhan - II	04/04/2011	19.34		Continued.	B Phase Line Isolator closing prob(Ckt on TBC)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	04/04/2011	21.32	05/04/2011	05.33	Over Voltage
Bhusawal- Aurangabad	05/04/2011	21.52	06/04/2011	05.40	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Abhijeet II	05/03/2011	07.49		Continued.	To control 220KV A'zari-AEPL loading.
Babaleshwar - Bhenda	05/03/2011	20.47		Continued.	To control BBLSR ICT Load
Dhule-Chalisgaon	23/03/2011	12.48		Continued.	To Control Dhule ICT Loading.
Hingoli-Pusad	28/03/2011	06.17		Continued.	To control Load on Wardha-Yavatmal line
Chandrapur-Warora - I	05/04/2011	22.48		Continued.	To control load on Wardha-Warora
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Kalwa - Salshet - I	18/02/2011	10.56	05/04/2011	10.55	From Kalwa End
Kalwa - Salsette - II	05/04/2011	10.56		Continued.	From Kalwa End
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
Karad-Mudsingi-IV	05/04/2011	05.06	05/04/2011	13.53	Distance Protection(Declared Faulty)
Karad - Kiniwathar	05/04/2011	05.18	05/04/2011	05.36	Distance Protection
Wathar - Mudshingi	05/04/2011	05.18	05/04/2011	11.50	Distance Protection
Kolhapur - Peth	05/04/2011	05.25	05/04/2011	13.31	Distance Protection(Declared Faulty)
Koradi - Ambazari - II	05/04/2011	08.52	05/04/2011	18.30	Main Breaker problem
Khaperkheda - Ambazari - II	05/04/2011	12.08	05/04/2011	12.18	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 06/Apr/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	170
Unit 6	210	190
Unit 7	210	195
	620	555
Bhusawal		
Unit 2	210	190
Unit 3	210	185
Unit 4	0	
	420	375
Parli		
Unit 3	210	190
Unit 4	210	185
Unit 5	210	180
Unit 6	250	240
Unit 7	250	240
	1130	1035
Chandrapur		
Unit 1	210	160
Unit 2	210	150
Unit 3	210	200
Unit 4	210	180
Unit 5	500	470
Unit 6	500	480
Unit 7	500	350
	2340	1990
Paras		
Unit 3	250	250
Unit 4	250	250
	500	500
Khaparkheda		
Unit 1	210	210
Unit 2	210	160
Unit 3	210	210
Unit 4	210	210
Unit 5	0	
	840	790
Nasik		
Unit 1	120	0
Unit 2	120	0
Unit 3	210	172
Unit 4	210	182
Unit 5	210	152
	870	506
Uran		
All Units	852	630
	852	630
Dabhol		
RGPP	1940	1500
	1940	1500
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	19

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	16
BHIRA T.R.	80	80
RNGR+BHTSA	20	14
BHANDARDRA	45	30
ELDARY	23	
SMLHY PTN	12	
GHATGHAR	250	
	611	279
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	550
WARDHA	405	330
Other CPPs	0	
	1005	880
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	3359
	3455	3359