



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

State Load Dispatch Center, Airoli

Daily system Report

for

03/May/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 03/May/2010 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	85.900	270.382	1) Madhya Pradesh	62.652	181.242
2) Hydro	17.828	38.522	2) Gujrat	21.977	65.092
3) Gas	16.762	50.114	3) Goa	-5.389	-16.155
Total MSGENCO	120.490	359.018	4) TAPS 1&2 (Inj.)	7.121	21.439
B) OTHERS			5) Pench (Excess)	-0.048	-0.144
1) RGPPL Gas	37.333	111.943	# Total Cent. Sector	86.313	251.474
2) Wind Generation	9.029	21.648	F) Other Exchanges		
3) CPP	2.872	12.820	1) With TPCL (Excess)	-9.671	-17.345
4) PENCH (MS)	0.048	0.144	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	2.469	8.220
1) TPCL Thermal	32.232	94.476	Include PX	0.000	0.814
2) TPCL Hydro	3.414	7.603	2) MUMBAI Bilateral	10.952	19.948
TOTAL TPCL	35.646	102.079	Include PX	0.819	-2.400
3) REL Thermal	12.496	37.465	3) MUMBAI Schedule	10.952	19.948
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	130.628	402.323	1) MSEDCL	246.414	739.702
2) Hydro (A2+B3+C2)	21.290	46.269	2) TPCL	36.792	99.079
3) Gas (A3+B1)	54.095	162.057	3) REL	21.022	57.808
4) Wind (B2)	9.029	21.648	TOTAL STATE	304.228	896.589
5) CPP (B3)	2.872	12.820			
TOTAL STATE	217.914	645.117			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3547	3548	3546
MSGENCO Hydro	1445	1255	119
MSGENCO Gas	679	687	713
MSGENCO Total Generation	5671	5490	4378
Central Sector Receipt	3696	4303	3141
RGPPL	1535	1549	1583
WIND	297	408	449
CPP	124	123	74
Exchange with TPCL	-649	-786	-161
MSEDCL DEMAND MET	10674	11087	9464
Load Shedding	3915	3828	1858
MSEDCL DEMAND (INCL. LS)	14589	14915	11322
TPCL GENERATION	1748	1584	1209
REL GENERATION	519	521	521
TPCL+REL DEMAND	2916	2891	1891
STATE DEMAND MET	13590	13978	11355
STATE DEMAND (INCL. LS)	17505	17806	13213
Frequency (Hz)	49.56	49.80	50.00
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5798 MW at 15.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			106.10 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.51 Hz at 18.04 Hrs	49.14 Hz at 14.22 Hrs	49.78	0 % of Time

* 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/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.72	5.36	78	68	80
Unit 2	1.48	4.96	77	40	40
Unit 3	1.74	5.40	78	66	70
Unit 4	0.00	0.01	0	0	0
Unit 5	2.57	9.19	136	83	120
Unit 6	2.73	9.45	145	77	120
Unit 7	2.99	10.17	143	105	120
	13.24	44.54			550
Bhusawal					
Unit 1	1.12	3.35	50	40	50
Unit 2	4.45	13.27	192	173	195
Unit 3	0.00	0.00	0	0	0
	5.57	16.62			245
Parli					
Unit 1	0.56	1.61	25	22	22
Unit 2	0.56	1.60	24	23	22
Unit 3	3.88	11.79	183	135	180
Unit 4	3.69	11.33	166	143	170
Unit 5	3.44	10.16	155	135	150
Unit 6	5.84	17.81	254	230	250
Unit 7	3.72	13.88	168	140	
	21.71	68.18			794
Chandrapur					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	4.44	12.73	194	165	190
Unit 4	0.00	0.00	0	0	0
Unit 5	0.00	0.00	0	0	0
Unit 6	0.00	0.00	0	0	0
Unit 7	0.00	0.00	0	0	0
	4.44	12.73			190
Paras					
Unit 2	1.04	3.12	46	42	46
Unit 3	0.00	1.96	0	0	0
Unit 4	4.83	14.61	232	181	
	5.88	19.70			46
Khaparkheda					
Unit 1	4.82	14.78	210	175	210
Unit 2	4.23	12.99	184	158	180
Unit 3	4.57	13.80	196	177	190
Unit 4	3.98	12.63	175	128	190
	17.60	54.20			770
Nasik					
Unit 1	2.07	6.50	96	56	90
Unit 2	1.66	5.77	89	37	90
Unit 3	4.72	14.26	207	171	200
Unit 4	4.58	14.08	208	165	200
Unit 5	4.44	13.81	202	123	200
	17.47	54.42			780
Koyna					
Stage 1-2	3.96	8.70	520	40	600
Stage 4	8.19	16.35	1118	0	250
Stage 3	2.53	5.61	320	0	320
	14.68	30.67			1170
Kovna 12&4 Total	12.15	25.06			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units	16.76	50.11	724	671	720	
	16.76	50.11			720	
Hydro						
KDPH	0.45	1.35	19	18	19	
VTRNA	0.98	1.73	61	0	61	
TILLARI	0.22	0.80	59	0	59	
BHTGR/VEER	0.48	1.09	20	20	6	
BHIRA T.R.	0.13	0.42	80	0	75	
RNGR+BHTSA	0.28	0.80	12	11	5	
BHANDARDRA	0.00	0.00	0	0	0	
ELDARY	0.00	0.00	0	0	0	
SMLHY PTN	0.61	1.65	33	23	10	
GHATGHAR	0.00	0.00	0	0	0	
	3.15	7.85			235	
PENCH (MS)						
Pench (MS)	0.05	0.14	21	0		
	0.05	0.14				
Wind						
MalharPeth	0.08	0.34				
Vankuswadi	0.26	0.87				
ATIT	0.35	0.50				
Kale	0.14	0.44				
Satara	0.08	0.40				
Shirala	0.14	0.35				
K Mahankal	0.05	0.34				
Supa	0.02	0.18				
Vita	0.61	1.84				
Dondaicha	5.16	11.45				
Sakri	0.76	1.76				
Nandurbar	0.57	1.36				
Khadakale	0.61	1.04				
Khaparale	0.21	0.77				
	9.03	21.65				
CPP						
TOTAL CPP	2.87	12.82				
	2.87	12.82				
Dabhol						
RGPPL	37.33	111.94	1583	1529	1550	
	37.33	111.94			1550	
Tata						
Trombay 4	0.60	0.65	54	14	20	
Trombay 5	9.90	28.01	415	350	400	
Trombay 6	11.31	34.59	510	220	500	
Trombay 7A	2.82	8.43	120	114	120	
Trombay 7B	1.58	4.73	67	63	60	
Trombay 8	6.03	18.06	255	250	250	
TATA Hydro	3.41	7.60	371	0	447	
	35.65	102.08			1797	
REL						
1&2	12.50	37.46	523	518	500	
	12.50	37.46			500	
Cent Sect						
Share					3060	
					3060	
MS PG CL	Thermal	85.90	270.38		3375	
	Thml+Gas	102.66	320.50		4095	
	Hydro	17.83	38.52		1405	
	Total	120.49	359.02		5500	
State Total		217.91	645.12		12407	

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/May/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	TPCL SCH.	TPCL NET EXCH.	MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS														
1	3549	681	704	4934	1573	534	108	2661	3032	-400	-354	9837	1662	11499	2202	13701	49.71
2	3509	134	708	4351	1579	566	100	2456	2762	-171	-156	9202	2196	11398	2043	13441	49.83
3	3578	124	713	4415	1580	539	108	2465	2805	-126	-84	9363	1995	11358	1914	13272	49.91
4	3546	119	713	4378	1583	449	74	2646	3141	-208	-161	9464	1858	11322	1891	13213	50.00
5	3514	119	717	4350	1576	381	76	2736	3591	-265	-194	9780	1890	11670	1803	13473	50.03
6	3532	114	717	4363	1560	347	116	2464	3650	-43	-9	10027	2396	12423	1794	14217	50.00
7	3573	129	724	4426	1538	340	122	2539	3160	-40	-2	9584	3592	13176	1791	14967	50.16
8	3607	135	719	4461	1529	302	122	2579	3107	-83	-45	9476	3842	13318	1854	15172	50.00
9	3638	225	706	4569	1531	315	125	2837	3168	-341	-303	9405	4046	13451	2168	15619	49.74
10	3635	324	695	4654	1548	285	125	3081	3777	-528	-485	9904	4088	13992	2523	16515	49.74
11	3523	812	686	5021	1557	285	124	3123	3710	-576	-532	10165	4028	14193	2800	16993	49.61
12	3547	1445	679	5671	1535	297	124	3240	3696	-694	-649	10674	3915	14589	2916	17505	49.56
13	3581	1475	678	5734	1549	300	126	3329	4093	-780	-738	11064	3783	14847	2894	17741	49.59
14	3558	1945	673	6176	1548	325	124	3326	3893	-780	-744	11339	3555	14894	2847	17741	49.47
15	3553	2089	671	6313	1542	362	123	3359	3839	-827	-791	11409	3722	15131	2915	18046	49.44
16	3579	1850	679	6108	1544	392	123	3226	3520	-739	-703	10984	4111	15095	2946	18041	49.60
17	3548	1255	687	5490	1549	408	123	3321	4303	-827	-786	11087	3828	14915	2891	17806	49.80
18	3534	773	693	5000	1555	407	128	3229	4161	-733	-694	10557	3685	14242	2785	17027	49.88
19	3606	390	700	4696	1560	324	133	2936	4077	-470	-399	10391	4098	14489	2569	17058	49.98
20	3660	574	699	4933	1556	345	132	3062	4015	-470	-389	10592	4184	14776	2602	17378	49.83
21	3640	510	703	4853	1555	410	136	3066	4034	-470	-373	10615	3708	14323	2513	16836	49.77
22	3658	1056	699	5413	1560	359	134	3067	3728	-470	-375	10819	3388	14207	2439	16646	49.70
23	3612	769	700	5081	1565	335	132	3055	3944	-470	-367	10690	2902	13592	2378	15970	49.81
24	3620	781	699	5100	1561	422	134	2942	3107	-438	-338	9986	2866	12852	2335	15187	49.64
MUs	85.90	17.83	16.76	120.49	37.33	9.03	2.87	70.74	86.31	-10.95	-9.67	246.41	79.34	325.75	57.81	383.56	49.78

NOTE : ALL VALUES IN MW

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

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 03/May/2010

Position as on 6.30 Hrs of 04/May/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)	30/12/2010
Chandrapur Unit 6	500	01/04/2010	01.15		Continued.	Annual Overhaul	16/06/2010
Cent_Sect NTPC(K-1)	210	01/04/2010	23.52		Continued.	Annual Overhaul.	07/05/2010
Chandrapur Unit 1	210	08/04/2010	08.36		Continued.	Annual Overhaul	30/05/2010
Dabhol 2B	230	15/04/2010	01.40		Continued.	Control System modification work	15/06/2010
Chandrapur Unit 5	500	16/04/2010	15.49		Continued.	Water Balancing Problem.	15/06/2010
Chandrapur Unit 2	210	18/04/2010	21.38		Continued.	Clinker Formation.	30/05/2010
Chandrapur Unit 7	500	25/04/2010	00.23		Continued.	Water Balancing Problem.	30/06/2010
Cent_Sect NTPC (V-1)	210	25/04/2010	23.30		Continued.	Annual O/H.	20/05/2010
Chandrapur Unit 4	210	28/04/2010	22.53		Continued.	Water Balancing problem	15/06/2010
FORCED OUTAGE							
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Bhusawal Unit 3	210	30/04/2010	17.50	04/05/2010	00.45	Boiler Tube Leakage.	
Koradi Unit 4	115	01/05/2010	00.23		Continued.	Commutator problem.	04/05/2010
Paras Unit 3	250	01/05/2010	18.24	04/05/2010	03.06	Flame Failure.	
Cent_Sect NTPC(K-4)	500	02/05/2010	00:04	03/05/2010	01.24	Boiler Tube Leakage.	
Cent_Sect TARAPUR-3	540	02/05/2010	20:55		Continued.	Cooling water pump problem.	05/05/2010
Paras Unit 4	250	04/05/2010	02.28		Continued.	Tripped on furnace pressure low	
Bhusawal Unit 3	210	04/05/2010	05.24		Continued.	GSC Broken.	06/05/2010

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/May/2010

Position as on 6.30 Hrs of 04/May/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Dhule-Sar'Sarovar - II	27/04/2010	12.18		Continued.	Work at SSP end.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Kalmeshwar - Pandurna	03/05/2010	10.35	03/05/2010	16.32	Q.M.Work
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Dhule-Sar'Sarovar - II	03/05/2010	09.53		Continued.	To attend CVT Oil Leakage.at SSP
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad - I	09/04/2010	13.00		Continued.	To control Aurangabad ICT loading.
Wardha - Akola - II	29/04/2010	11:37		Continued.	Due to line loading.
Kolhapur-Mapusa Ckt I	04/05/2010	01.17		Continued.	H/T to control O/V.
Dhule-Sar'Sarovar - I	04/05/2010	01.27		Continued.	H/T To control O/V.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Khandwa-II	03/05/2010	22.04		Continued.	Dist.Protection Z-1.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
B Bus at Telangade	03/05/2010	11.33	03/05/2010	Continued.	For new erection work,of 400 KV Solapur 1 and 2 Bays.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV,100 MVA ICT-I At Kalmeshwar	20/02/2010	10.34		Continued.	ICT replacement work.
220/132 KV,100 MVA T/F-II @ Malegaon	08/04/2010	08.55		Continued.	ICT to be replaced with new 200MVA ICT
220 KV BusCoupler at Kharghar	21/04/2010	07.51		Continued.	O/H of SF6 Breaker
220/7KV 40 MVA Stn T/F-II at C'PUR	28/04/2010	10.49	03/05/2010	18.14	Oil Filtration work (4 Days)
220/22 KV, 50 MVA T/F-II @ Kalwa	29/04/2010	22.36		Continued.	Replacement of T/F
Mumewadi - Halkarni	03/05/2010	09.28	03/05/2010	12.31	Attending Hot Spot,Y-Ph CT Clamp.
Bus Section - I at Nasik GCR	03/05/2010	09.42	03/05/2010	12.50	Attending Gas Leakage,problem B-Ph CB pole.
Aurangabad-Jalna-II	03/05/2010	12.20	03/05/2010	16.05	Q.M.Work
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Harangul-Ujani Ckt.-I	03/05/2010	09.00	03/05/2010	11.45	Replacement of LA at Ujani S/S.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Main Bus - I @ Lamboti.	03/05/2010	13.11	03/05/2010	14.36	Isolator 405-29A,Maintaince work.
Parli-Solapur	03/05/2010	15.20	03/05/2010	17.11	Isolator Maintaince work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Khadka - Deepnagar - II	31/03/2010	16.13		Continued.	Handtripped
Bhusawal- Aurangabad	09/04/2010	20.45		Continued.	To control A'Bad ICT Loading
Karad-Kolhapur CKT I	03/05/2010	00:18	03/05/2010	09.03	H/T for over voltage.
Karad-Kolhapur CKT I	04/05/2010	01.32	04/05/2010	06.02	H/T to control O/V.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chandrapur - Warora - II.	24/04/2010	11.30		Continued.	To Control C'pur ICT-I Loading.
Chandrapur-Warora - I	02/05/2010	17:46	03/05/2010	6:51	To reduce voltage at 220KV Bus.
Chandrapur-Warora - I	04/05/2010	00.39		Continued.	To reduce voltage at 220KV Bus.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/May/2010

Position as on 6.30 Hrs of 04/May/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Buldhana-Motala	07/04/2010	10.00		Continued.	To control load ICT-I at 220KV Chikhali
Mehkar - Malegaon	07/04/2010	17.26		Continued.	Outage of ICT-II at Chikhali
Chikhali - Khamgaon	18/04/2010	17.35		Continued.	To Control Chikali ICT Loading.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV,315 MVA ICT-II at Chandrapur	24/04/2010	04.26		Continued.	Tripped Due to Y Ph L V Side Bushing Burst.
400/11.5/6.6 KV 70 MVA Stn.T/F 5B at 400KV Khaparkheda	25/04/2010	03.59		Continued.	B-Ph,HV bushing burst and caught fire.
Babaleshwar-Dhule CKT - I	03/05/2010	22.04	03/05/2010	22.46	From Dhule end O/V.
BBLSR - Dhule - II	03/05/2010	22.04	04/05/2010	06.12	From Dhule end O/V.
Voltage Level : 220KV			Outage Type TRIPPED		
Dhule - Dondaicha - I	03/05/2010	19.10	03/05/2010	19.54	Trip B-Ph Z-1.
BBLSR-A"Nagar II	03/05/2010	22.00	03/05/2010	22.45	Dist.Protection.
Voltage Level : 132KV			Outage Type TRIPPED		
132/3.3 KV 6 MVA Stn T/F @ Paras	15/03/2010	16.16		Continued.	B Ph CT Burst.
132 KV Capaciter Bank @ Nanded	24/04/2010	21.45		Continued.	Capaciter Bank Breaker Burst.
Kawlewada-Madgi-I	02/05/2010	19.15	03/05/2010	10.22	Dist.Protection Z-1.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 04/May/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	60
Unit 3	105	70
Unit 4	105	0
Unit 5	200	120
Unit 6	210	115
Unit 7	210	125
	1040	560
Bhusawal		
Unit 1	58	50
Unit 2	210	195
Unit 3	210	0
	478	245
Parli		
Unit 1	30	22
Unit 2	30	22
Unit 3	210	180
Unit 4	210	170
Unit 5	210	150
Unit 6	250	250
Unit 7	250	
	1190	794
Chandrapur		
Unit 1	210	0
Unit 2	210	0
Unit 3	210	190
Unit 4	210	0
Unit 5	500	0
Unit 6	500	0
Unit 7	500	0
	2340	190
Paras		
Unit 2	55	46
Unit 3	250	180
Unit 4	250	
	555	226
Khaparkheda		
Unit 1	210	210
Unit 2	210	180
Unit 3	210	190
Unit 4	210	190
	840	770
Nasik		
Unit 1	120	95
Unit 2	120	90
Unit 3	210	180
Unit 4	210	180
Unit 5	210	180
	870	725
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Uran		
All Units	852	680

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	680
Hydro		
KDPH	40	19
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	10
BHIRA T.R.	80	80
RNGR+BHTSA	20	10
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	20
GHATGHAR	250	0
	611	259
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	
CPP		
TOTAL CPP	0	
	0	
Dabhol		
RGPPPL	960	1550
	960	1550
Tata		
Trombay 4	150	50
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	1847
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3245
	3143	3245