



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

State Load Dispatch Center, Airoli

Daily system Report

for

09/May/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 09/May/2010 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	95.689	825.080	1) Madhya Pradesh	75.109	647.402
2) Hydro	20.815	164.774	2) Gujrat	17.246	194.386
3) Gas	16.476	146.346	3) Goa	-5.849	-54.119
Total MSGENCO	132.980	1136.200	4) TAPS 1&2 (Inj.)	7.133	64.252
B) OTHERS			5) Pench (Excess)	-0.320	-1.552
1) RGPPL Gas	36.190	292.618	# Total Cent. Sector	93.319	850.369
2) Wind Generation	8.076	72.221	F) Other Exchanges		
3) CPP	3.710	36.186	1) With TPCL (Excess)	-4.385	-72.272
4) PENCH (MS)	0.320	1.552	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	13.883	58.769
1) TPCL Thermal	32.020	288.648	Include PX	9.085	25.716
2) TPCL Hydro	0.742	24.018	2) MUMBAI Bilateral	5.670	82.461
TOTAL TPCL	32.762	312.666	Include PX	0.395	8.912
3) REL Thermal	12.418	112.034	3) MUMBAI Schedule	5.670	82.461
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	140.127	1225.762	1) MSEDCL	270.210	2316.874
2) Hydro (A2+B3+C2)	21.877	190.344	2) TPCL	31.017	314.060
3) Gas (A3+B1)	52.666	438.964	3) REL	18.537	182.892
4) Wind (B2)	8.076	72.221	TOTAL STATE	319.764	2813.826
5) CPP (B3)	3.710	36.186			
TOTAL STATE	226.456	1963.477			

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	3996	3795	4018
MSGENCO Hydro	1199	1152	116
MSGENCO Gas	662	683	708
MSGENCO Total Generation	5857	5630	4842
Central Sector Receipt	3887	4210	4363
RGPPL	1500	1501	1520
WIND	280	308	349
CPP	151	149	168
Exchange with TPCL	-256	-259	-33
MSEDCL DEMAND MET	11444	11563	11209
Load Shedding	3771	4419	1883
MSEDCL DEMAND (INCL. LS)	15215	15982	13092
TPCL GENERATION	1230	1386	1398
REL GENERATION	520	515	517
TPCL+REL DEMAND	2006	2160	1948
STATE DEMAND MET	13450	13723	13157
STATE DEMAND (INCL. LS)	17221	18142	15040
Frequency (Hz)	49.77	49.76	49.87
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			6547 MW At 20.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			120.31 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.44 Hz at 18:04 Hrs	49.23 Hz at 00:07 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 09/May/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.70	15.08	81	53	75
Unit 2	1.64	14.52	79	56	75
Unit 3	1.83	16.20	91	65	80
Unit 4	0.00	0.01	0	0	0
Unit 5	2.90	24.12	142	100	120
Unit 6	0.90	25.03	150	0	130
Unit 7	3.49	28.34	165	125	130
	12.45	123.31			610
Bhusawal					
Unit 1	1.03	9.12	46	40	50
Unit 2	4.40	39.01	192	173	195
Unit 3	3.73	22.72	190	0	100
	9.16	70.84			345
Parli					
Unit 1	0.59	5.02	26	23	22
Unit 2	0.54	4.90	23	22	22
Unit 3	4.17	34.52	180	160	165
Unit 4	3.74	34.43	189	132	190
Unit 5	4.11	33.94	183	149	175
Unit 6	5.65	53.43	253	156	250
Unit 7	4.30	35.74	257	0	0
	23.10	202.00			824
Chandrapur					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	4.26	38.35	188	165	180
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
	4.26	38.35			180
Paras					
Unit 2	1.04	9.24	46	42	46
Unit 3	5.70	31.80	251	203	250
Unit 4	3.77	33.82	189	129	0
	10.51	74.86			296
Khaparkheda					
Unit 1	4.54	39.87	200	170	210
Unit 2	4.23	38.49	182	165	180
Unit 3	4.59	40.32	193	184	190
Unit 4	4.56	34.27	193	180	190
	17.92	152.96			770
Nasik					
Unit 1	2.24	19.80	98	83	95
Unit 2	2.24	18.74	99	79	95
Unit 3	4.71	42.46	207	189	200
Unit 4	4.40	40.42	192	173	190
Unit 5	4.70	41.34	205	187	210
	18.28	162.75			790
Koyna					
Stage 1-2	4.74	36.92	560	40	600
Stage 4	10.80	80.01	1116	0	250
Stage 3	2.78	25.28	320	0	320
	18.31	142.20			1170
Kovna 12&4 Total	15.54	116.93			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		16.48	146.35	710	661	690
		16.48	146.35			690
Hydro						
KDPH		0.00	1.95	0	0	0
VTRNA		0.00	2.31	0	0	60
TILLARI		0.40	2.88	61	0	60
BHTGR/VEER		0.11	3.24	5	4	10
BHIRA T.R.		0.10	1.13	57	0	80
RNGR+BHTSA		0.25	2.37	11	10	11
BHANDARDRA		0.85	1.90	36	35	18
ELDARY		0.00	0.00	0	0	0
SMLHY PTN		0.58	5.09	31	22	22
GHATGHAR		0.21	1.69	125	0	0
		2.50	22.57			261
PENCH (MS)						
Pench (MS)		0.32	1.55	25	0	
		0.32	1.55			
Wind						
MalharPeth		0.14	1.56			
Vankuswadi		0.40	3.63			
ATIT		0.07	1.52			
Kale		0.16	1.43			
Satara		0.16	2.52			
Shirala		0.14	1.42			
K Mahankal		0.43	1.03			
Supa		0.30	1.39			
Vita		0.51	6.15			
Dondaicha		3.48	33.80			
Sakri		0.57	5.19			
Nandurbar		0.47	4.29			
Khadakale		0.80	5.14			
Khaparale		0.45	3.15			
		8.08	72.22			
CPP						
TOTAL CPP		3.71	36.19			
		3.71	36.19			
Dabhol						
RGPPL		36.19	292.62	1526	1490	1500
		36.19	292.62			1500
Tata						
Trombay 4		2.44	10.26	106	95	65
Trombay 5		9.96	87.72	415	415	415
Trombay 6		9.26	97.09	510	160	500
Trombay 7A		2.77	25.12	118	113	120
Trombay 7B		1.57	14.15	66	65	80
Trombay 8		6.02	54.30	255	250	250
TATA Hydro		0.74	24.02	172	0	447
		32.76	312.67			1877
REL						
1&2		12.42	112.03	521	513	500
		12.42	112.03			500
Cent Sect						
Share						3444
						3444
MS PG CL	Thermal	95.69	825.08			3815
	Thml+Gas	112.16	971.43			4505
	Hydro	20.82	164.77			1431
	Total	132.98	1136.20			5936
State Total		226.46	1963.48			13257

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/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	4195	1007	693	5895	1503	283	169	3219	3560	-218	-170	11240	1684	12924	2311	15235	49.66
2	4212	269	700	5181	1511	303	168	3175	3640	-176	-117	10686	2192	12878	2164	15042	49.79
3	4178	111	705	4994	1518	329	169	3081	4138	-83	-27	11121	1980	13101	2001	15102	49.94
4	4018	116	708	4842	1520	349	168	3083	4363	-83	-33	11209	1883	13092	1948	15040	49.87
5	4023	246	708	4977	1521	362	172	3085	4376	-75	-16	11392	1920	13312	1864	15176	49.80
6	4103	1182	710	5995	1524	315	170	3087	3784	-75	-35	11753	2501	14254	1865	16119	49.73
7	4222	348	709	5279	1525	304	151	3233	3195	-103	-56	10406	3564	13970	1833	15803	49.74
8	4151	145	707	5003	1526	319	152	3200	3508	-103	-60	10458	3816	14274	1729	16003	49.81
9	4077	152	694	4923	1521	351	154	3212	3591	-238	-196	10354	4077	14431	1814	16245	49.84
10	4034	211	683	4928	1509	349	154	3249	3991	-268	-205	10750	4159	14909	1826	16735	49.77
11	3996	428	671	5095	1500	287	155	3352	4046	-315	-248	10859	4092	14951	1947	16898	49.78
12	3996	1199	662	5857	1500	280	151	3338	3887	-315	-256	11444	3771	15215	2006	17221	49.77
13	3977	1645	661	6283	1492	298	153	3325	3707	-317	-239	11718	3668	15386	2043	17429	49.75
14	3969	1745	661	6375	1490	289	152	3314	3660	-317	-234	11756	3418	15174	2101	17275	49.67
15	3984	1484	665	6133	1498	371	151	3247	3803	-293	-210	11771	3616	15387	2136	17523	49.68
16	3956	905	663	5524	1493	312	131	3276	3827	-324	-231	11080	4050	15130	2194	17324	49.73
17	4033	249	671	4953	1501	470	141	3351	4548	-324	-237	11376	3988	15364	2129	17493	49.92
18	3936	141	681	4758	1507	440	149	3356	4705	-324	-241	11318	3807	15125	2063	17188	50.02
19	3784	180	685	4649	1506	349	150	3215	4195	-295	-245	10604	4247	14851	2027	16878	50.05
20	3795	1152	683	5630	1501	308	149	3193	4210	-295	-259	11563	4419	15982	2160	18142	49.76
21	3786	1729	687	6202	1496	361	149	3194	3808	-295	-269	11771	3923	15694	2312	18006	49.70
22	3762	2027	690	6479	1498	380	150	3195	3851	-295	-273	12110	3586	15696	2333	18029	49.72
23	3761	2151	687	6599	1510	330	151	3159	3712	-295	-279	12048	3171	15219	2365	17584	49.55
24	3704	1993	693	6390	1520	335	151	3045	3214	-242	-249	11385	3133	14518	2394	16912	49.57
MUs	95.65	20.82	16.48	132.94	36.19	8.07	3.71	77.18	93.32	-5.67	-4.38	270.17	80.66	350.84	49.56	400.40	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 09/May/2010

Position as on 6.30 Hrs of 10/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.	10/05/2010
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 Overhaul.	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	
Koradi Unit 4	115	01/05/2010	00.23		Continued.	Commutator problem.	11/05/2010
Cent_Sect TARAPUR-3	540	02/05/2010	20:55		Continued.	Cooling water pump problem.	12/05/2010
Bhusawal Unit 3	210	09/05/2010	02.45	09/05/2010	05.25	Furnace Pressure High.	
Cent_Sect NTPC(K-4)	500	09/05/2010	07.00		Continued.	Boiler Tube Leakage.	11/05/2010
Koradi Unit 6	210	09/05/2010	07.05		Continued.	Boiler Tube Leakage.	12/05/2010
Parli Unit 7	250	09/05/2010	17.44	09/05/2010	23.32	Boiler Feed Pump.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/May/2010

Position as on 6.30 Hrs of 10/May/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Bhoisor-Bhoisor(PGCIL)-I	09/05/2010	09.02	09/05/2010	17.52	Attending Hot Spot.
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.
Dhule-S'Sarovar I	05/05/2010	01.09	09/05/2010	17.57	Due to Over Voltage @ Dhule End.
Dhule-Sar'Sarovar - II	09/05/2010	08.46		Continued.	For Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Lonikand- Koyna Stage IV	20/04/2010	21.59		Continued.	29B Isolator Replacement,Hot Spot Work. Line on TBC.
400/220 KV, 315 MVA ICT II JEJURI	05/05/2010	09.00		Continued.	Own breaker problem.Taken on tie breaker.
Main Bus - I @ Chakan	09/05/2010	10.10	09/05/2010	18.40	Replacement of R Ph P G Isolator.
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 tobe replaced with new 200MVA ICT
BBLSR-Waluj	07/05/2010	06.41		Continued.	Restranging of Earthwire.
Kalwa - Ghatghar	07/05/2010	08.36		Continued.	Replacement of Conductor and Insulator
Borivali-Aarey-II	09/05/2010	07.35	09/05/2010	11.55	Attending Hot Spot.
220/132 KV 50 MVA ICT @ Gadchiroli	09/05/2010	11.00	09/05/2010	19.50	Oil Filtration Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	08/05/2010	09.43		Continued.	Hand Tripped.
Karad-Kolhapur CKT I	10/05/2010	00.19		Continued.	Hand Tripped for Over Voltage.
Chandrapur-Khaparkheda	10/05/2010	00.33		Continued.	H/T (No Stn.A.C.Supply).
Koradi - Kaparkheda	10/05/2010	00.33		Continued.	Hand Tripped (No Stn. A.C.Supply).
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	08/05/2010	19.35	09/05/2010	06.49	To Control Loading on Single C'pur ICT.
Chandrapur-Warora - I	10/05/2010	00.06		Continued.	To Control Loading on C'pur ICT.
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.
Voltage Level : 220KV			Outage Type TRIPPED		
Kandalgaon-Bhira	08/05/2010	22.40		Continued.	B Ph C T of Bhira Burst.
Finolex-New Koyna	09/05/2010	23.55	10/05/2010	00.58	Dist.Prot.,R Ph Zone I.
Finolex-New Koyna	10/05/2010	03.30		Continued.	Dist.Prot. Zone-2 Y Ph.
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.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/May/2010

Position as on 6.30 Hrs of 10/May/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
132 KV Capaciter Bank @ Nanded	24/04/2010	21.45		Continued.	Capaciter Bank Breaker Burst.
Kardha-Sakoli	07/05/2010	17.40		Continued.	Y phase Breaker Pole Burst at Kardha

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 10/May/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	71
Unit 2	105	67
Unit 3	105	82
Unit 4	105	0
Unit 5	200	140
Unit 6	210	0
Unit 7	210	122
	1040	482
Bhusawal		
Unit 1	58	50
Unit 2	210	195
Unit 3	210	195
	478	440
Parli		
Unit 1	30	22
Unit 2	30	22
Unit 3	210	180
Unit 4	210	175
Unit 5	210	180
Unit 6	250	250
Unit 7	250	
	1190	829
Chandrapur		
Unit 1	210	0
Unit 2	210	0
Unit 3	210	180
Unit 4	210	0
Unit 5	500	0
Unit 6	500	0
Unit 7	500	0
	2340	180
Paras		
Unit 2	55	46
Unit 3	250	240
Unit 4	250	
	555	286
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	95
Unit 3	210	200
Unit 4	210	190
Unit 5	210	210
	870	790
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Uran		
All Units	852	670

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	670
Hydro		
KDPH	40	0
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	20
BHIRA T.R.	80	80
RNGR+BHTSA	20	12
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	27
GHATGHAR	250	0
	611	199
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		
RGPPL	960	1500
	960	1500
Tata		
Trombay 4	150	100
Trombay 5	500	415
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1892
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3061
	3143	3061