



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

State Load Dispatch Center, Airoli

Daily system Report

for

09/May/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 09/May/2011 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	114.031	1053.027	1) Madhya Pradesh	59.138	564.670
2) Hydro	16.147	124.944	2) Gujrat	33.433	245.807
3) Gas	15.354	138.224	3) Goa	-6.384	-58.897
Total MSGENCO	145.532	1316.195	4) TAPS 1&2 (Inj.)	7.872	63.155
B) OTHERS			5) Pench (Excess)	-0.149	-1.127
1) RGPPL Gas	38.588	304.282	# Total Cent. Sector	93.910	813.608
2) Wind Generation	13.282	106.153	F) Other Exchanges		
3) CPP	23.513	230.491	1) With TPCL (Excess)	-11.803	-103.745
4) PENCH (MS)	0.149	1.311	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	15.277	126.874
1) TPCL Thermal	28.198	247.125	Include PX	0.000	0.000
2) TPCL Hydro	3.856	25.759	2) MUMBAI Bilateral	11.773	112.087
TOTAL TPCL	32.054	272.884	Include PX	-0.147	-2.762
3) REL Thermal	12.520	112.467	3) MUMBAI Schedule	11.773	112.087
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	154.749	1412.619	1) MSEDCL	303.171	2668.295
2) Hydro (A2+B3+C2)	20.152	152.014	2) TPCL	37.319	322.284
3) Gas (A3+B1)	53.942	442.506	3) REL	19.054	166.785
4) Wind (B2)	13.282	106.153	TOTAL STATE	359.544	3157.364
5) CPP (B3)	23.513	230.491			
TOTAL STATE	265.638	2343.783			

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	4799	4546	5023
MSGENCO Hydro	837	872	192
MSGENCO Gas	638	636	646
MSGENCO Total Generation	6274	6054	5861
Central Sector Receipt	4527	4293	3196
RGPPL	1592	1600	1488
WIND	458	611	707
CPP	1002	936	999
Exchange with Mumbai	-681	-585	-171
MSEDCL DEMAND MET	13192	12909	12080
Load Shedding (LS)	528	62	8
MSEDCL DEMAND (INCL. LS)	13720	12971	12088
TPCL GENERATION	1675	1463	1013
REL GENERATION	520	522	521
TPCL+REL DEMAND	2876	2570	1705
STATE DEMAND MET	16068	15479	13785
Load Management (LM)	2176	3541	1504
Total Load Relief (LS+LM)	2704	3603	1512
UNRESTRICTED STATE DEMAND	18772	19082	15297
Frequency (Hz)	49.78	49.75	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.34 Hz at 18.05 Hrs	49.14 Hz at 21.44 Hrs	49.79	.36 % 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 09/May/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.15	37.08	182	160	180
Unit 6	4.11	39.98	184	146	180
Unit 7	4.40	39.66	195	170	190
	12.67	116.72			550
Bhusawal					
Unit 2	0.00	22.42	0	0	0
Unit 3	4.29	32.42	185	170	180
Unit 4		0.00	0	0	0
	4.29	54.84			180
Parli					
Unit 3	3.41	32.30	163	120	150
Unit 4	2.80	23.76	152	72	100
Unit 5	3.39	29.15	149	132	145
Unit 6	5.12	29.50	238	190	210
Unit 7	4.07	43.29	246	0	225
	18.79	158.01			830
Chandrapur					
Unit 1	3.84	33.15	174	135	165
Unit 2	3.65	19.16	165	140	155
Unit 3	4.40	37.22	199	156	160
Unit 4	4.01	35.48	180	149	160
Unit 5	7.47	85.68	380	245	370
Unit 6	7.22	78.72	411	240	380
Unit 7	7.96	88.89	430	261	350
	38.54	378.29			1740
Paras					
Unit 3	4.70	30.67	242	109	230
Unit 4	4.72	37.71	250	114	230
	9.42	68.38			460
Khaparkheda					
Unit 1	4.50	40.58	205	150	210
Unit 2	4.43	40.14	194	177	200
Unit 3	0.00	0.00	0	0	0
Unit 4	5.21	47.21	222	210	210
Unit 5		0.00	0	0	0
	14.14	127.92			620
Nasik					
Unit 1	1.84	15.92	87	59	90
Unit 2	1.95	17.62	91	70	95
Unit 3	4.42	39.54	195	165	190
Unit 4	3.69	37.21	201	122	170
Unit 5	4.28	38.57	194	157	195
	16.18	148.86			740
Uran					
All Units	15.35	138.22	654	632	620
	15.35	138.22			620
Dabhol					
RGPPL	38.59	304.28	2604	1432	1400
	38.59	304.28			1400
Koyna					
Stage 1-2	4.10	30.45	470	40	600
Stage 4	5.65	45.94	822	0	250
Stage 3	2.13	16.77	240	0	320
	11.87	93.16			1170
Kovna 12&4 Total	9.74	76.39			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.83	3.66	35	34	36
VTRNA	0.00	0.00	0	0	0
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.10	1.96	5	4	15
BHIRA T.R.	0.12	1.29	78	0	80
RNGR+BHTSA	0.32	2.90	14	13	13
BHANDARDRA	0.78	6.90	33	30	34
ELDARY	0.44	0.97	21	14	0
SMLHY PTN	0.93	7.71	46	36	24
GHATGHAR	0.75	6.39	120	0	0
	4.27	31.78			202
PENCH (MS)					
Pench (MS)	0.15	1.31	27	0	0
	0.15	1.31			0
Wind					
MalharPeth	0.17	2.51			
Vankuswadi	0.61	6.55			
ATIT	0.09	1.05			
Kale	0.23	2.47			
Satara	0.86	4.98			
Shirala	0.22	2.50			
K Mahankal	0.04	3.87			
Supa	0.11	0.82			
Vita	1.23	10.77			
Dondaicha	6.79	48.01			
Sakri	0.93	7.14			
Nandurbar	0.76	5.70			
Khandke	0.58	4.95			
Khaparale	0.66	4.82			
	13.28	106.15			
CPP					
JSW JAIGAD	12.62	112.12	528	523	485
WARDHA	7.12	72.11	334	239	330
Other CPPs	3.77	46.26			
	23.51	230.49			815
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.43	102.60	490	425	500
Trombay 6	6.72	54.42	470	150	500
Trombay 7A	2.87	25.91	122	118	120
Trombay 7B	1.58	14.24	66	65	60
Trombay 8	5.60	49.96	250	150	250
TATA Hydro	3.86	25.76	449	0	447
	32.05	272.88			1877
REL					
1&2	12.52	112.47	524	520	500
	12.52	112.47			500
Cent Sect					
Share					3588
					3588

MS PG CL	Thermal	114.03	1053.03			5120
	Thml+Gas	129.38	1191.25			5740
	Hydro	16.15	124.94			1372
	Total	145.53	1316.20			7112
State Total		265.64	2343.78			15292

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/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	5210	183	638	6031	1450	586	991	3319	3611	-356	-501	12168	2080	12168	2088	16336	49.53
2	5160	190	641	5991	1461	690	998	3091	3210	-137	-333	12017	1948	12017	1910	15875	49.74
3	5096	194	646	5936	1476	664	1011	2966	3240	-38	-242	12085	1426	12093	1790	15301	49.87
4	5023	192	646	5861	1488	707	999	2943	3196	-227	-171	12080	1512	12088	1705	15297	49.92
5	4973	180	648	5801	1432	690	949	2943	3306	-187	-150	12028	1609	12036	1685	15322	49.94
6	5019	382	651	6052	1482	645	964	2943	3350	-187	-185	12308	1815	12334	1734	15857	49.86
7	5018	312	654	5984	1620	597	975	3330	3449	-374	-271	12354	2116	12512	1721	16191	49.99
8	4776	241	647	5664	1624	530	966	3330	3635	-374	-348	12071	2165	12278	1851	16087	49.84
9	4803	317	638	5758	1609	535	982	3347	4158	-434	-419	12623	2433	13098	2133	17189	49.75
10	4729	641	633	6003	2604	516	1023	3567	4018	-496	-498	13692	2504	14199	2543	18739	49.72
11	4696	738	639	6073	1601	466	972	3863	4621	-652	-669	13090	2716	13619	2765	18571	49.79
12	4799	837	638	6274	1592	458	1002	3846	4527	-682	-681	13192	2704	13720	2876	18772	49.78
13	4724	799	636	6159	1592	437	1003	3832	4553	-682	-671	13073	2554	13453	2873	18500	49.84
14	4693	686	637	6016	1588	497	971	3831	4740	-652	-623	13189	2413	13428	2800	18402	49.83
15	4629	1225	635	6489	1582	453	969	3721	4432	-652	-643	13282	2309	13553	2830	18421	49.72
16	4396	1622	634	6652	1586	623	983	3612	4193	-652	-636	13401	2267	13693	2817	18485	49.78
17	4381	1712	636	6729	1594	609	964	3601	4142	-641	-601	13437	2260	13751	2804	18501	49.78
18	4458	871	640	5969	1607	718	968	3577	3907	-567	-526	12643	2465	12848	2739	17847	49.99
19	4591	201	635	5427	1609	639	910	3527	3866	-578	-486	11965	3330	12033	2589	17884	50.04
20	4546	872	636	6054	1600	611	936	3579	4293	-607	-585	12909	3603	12971	2570	19082	49.75
21	4449	1224	632	6305	1599	453	983	3589	4017	-673	-638	12719	3592	12759	2523	18834	49.64
22	4524	1070	637	6231	1603	406	1000	3588	3860	-668	-651	12476	3574	12498	2425	18475	49.69
23	4632	732	637	6001	1597	400	987	3350	3773	-581	-586	12199	3567	12214	2361	18127	49.57
24	4706	726	640	6072	1592	355	1007	3259	3811	-673	-689	12171	3167	12171	2245	17583	49.65
MUs	114.0 3	16.15	15.35	145.53	38.59	13.28	23.51	82.55	93.91	-11.77	-11.80	303.17	60.13	307.53	56.38	419.68	49.79

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 09/May/2011

Position as on 6.30 Hrs of 10/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
Cent_Sect Kawas GT1A	106	05/05/2011	09.00		Continued.	Inspection Work.	11/05/2011
Cent_Sect NTPC (V-1)	210	07/05/2011	00.46		Continued.	A/OH	19/06/2011
Cent_Sect NTPC(K-5)	500	10/05/2011	00.00		Continued.	Annual Overhaul	03/06/2011
FORCED OUTAGE							
Bhusawal Unit 2	210	08/05/2011	10.19		Continued.	BLR T/L.	10/05/2011
Parli Unit 7	250	09/05/2011	07.39	09/05/2011	10.37	Flame failure.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/May/2011

Position as on 6.30 Hrs of 10/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - II	08/05/2011	04.05		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Chandrapur - Parli - I	09/05/2011	06.15	09/05/2011	11.10	Attending hot spot.Ckt on TBC.
400/220KV 315 MVA ICT-II @ Talangade	09/05/2011	10.10	09/05/2011	19.53	Tan delta measurement work.
Parli - Lamboti	09/05/2011	11.15		Continued.	Own breaker O/H,Line on Tie breaker.
Bablswr-Padgha Ckt I	09/05/2011	14.10	09/05/2011	17.16	Earth wire replacement.
Koradi-Chandrapur	10/05/2011	06.00		Continued.	Stringing of 400KV D/C Raipur-Wardha line .
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
KDPH-Wankuswadi	03/05/2011	11.45	09/05/2011	17.32	Y ph.LA replacement work at Vankushwadi.Up to 08.05.2011.
Bus Coupler @ WPCL	04/05/2011	14.32		Continued.	For Separation of Buses for Safety by WPCL.
Kharghar-Nerul	06/05/2011	09.32		Continued.	Dismantling and erection of towers between Loc. 11 A to 16 up to 04.06.2011
220/132 KV,100 MVA ICT-I at 400KV Bhusawal-II	09/05/2011	09.34	09/05/2011	12.55	Attending hot spot on LV side B ph.isolator jaw.
Talangade - Mudshingi - I	09/05/2011	09.36	09/05/2011	20.20	Q.M.Work and Fixing of wave trap.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Kanhan - Mouda	09/05/2011	11.56	09/05/2011	17.50	Testing of relays and panels.
Palghar-TSS I	09/05/2011	12.19	09/05/2011	15.56	Maintenance work.
Paras-Malkapur	09/05/2011	13.10	09/05/2011	19.10	Retrofitting work.
Palghar-TSS II	09/05/2011	16.05	09/05/2011	18.20	Maintenance work
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.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Bus Section @ Mahad	09/05/2011	11.12	09/05/2011	16.57	Replacement of burst isolator rod and Jaw.
220/22KV,50 MVA T/F-II at Mahad	09/05/2011	11.12	09/05/2011	16.57	For 220 KV bus section-II outage at Mahad.
Apta-Uran-II	09/05/2011	12.34	09/05/2011	19.26	B Ph.CT inspection.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	07/05/2011	18.47	09/05/2011	14.35	Over voltage.
Bablswr-Aurangabad	09/05/2011	21.51		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
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.
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.
Hingoli-Pusad	05/05/2011	12.10		Continued.	To Control Wordha-Ytl Line Loading.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/May/2011

Position as on 6.30 Hrs of 10/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Wardha-Abhijeet II	05/05/2011	16.51		Continued.	To Control Koradi ICT Load.
Aurangabad - Babaleshwar	07/05/2011	07.32		Continued.	To control A'bad ICT loading.
Aurangabad - Bhenda	07/05/2011	07.56		Continued.	To control A'bad ICT loading.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV,500 MVA ICT-III At A'bad.	05/05/2011	10.29		Continued.	Y Ph L V Side Bushing Burst.
Koradi -Bhusawal	09/05/2011	15.25	09/05/2011	15.43	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)
Karad-Kolhapur - II	09/05/2011	17.40	09/05/2011	18.02	Distance protection.
220/33 KV,25 MVA T/F at Warora.	09/05/2011	21.51	09/05/2011	22.06	HV and LV back protection operated.
Voltage Level : 132KV			Outage Type TRIPPED		
Giravali-Latur	09/05/2011	07.39	09/05/2011	07.46	Tripped due to load trimming scheme operated at 220KV Girwali S/S.after tripping of Parly Unit-7.
Girwali - Latur MIDC	09/05/2011	07.39	09/05/2011	07.45	Tripped due to load trimming scheme operated at 220KV Girwali S/S.after tripping of Parly Unit-7.
Giravali-Gangakhed	09/05/2011	07.39	09/05/2011	07.54	Tripped due to load trimming scheme operated at 220KV Girwali S/S.after tripping of Parly Unit-7.
Girwali - Kej	09/05/2011	07.39	09/05/2011	07.44	Tripped due to load trimming scheme operated at 220KV Girwali S/S.after tripping of Parly Unit-7
Pusad-Jambazar	09/05/2011	15.10	09/05/2011	15.25	Distance protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 10/May/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	160
Unit 6	210	185
Unit 7	210	185
	620	530
Bhusawal		
Unit 2	210	0
Unit 3	210	180
Unit 4	0	
	420	180
Parli		
Unit 3	210	175
Unit 4	210	155
Unit 5	210	150
Unit 6	250	225
Unit 7	250	225
	1130	930
Chandrapur		
Unit 1	210	170
Unit 2	210	165
Unit 3	210	190
Unit 4	210	170
Unit 5	500	325
Unit 6	500	250
Unit 7	500	300
	2340	1570
Paras		
Unit 3	250	225
Unit 4	250	225
	500	450
Khaparkheda		
Unit 1	210	190
Unit 2	210	180
Unit 3	210	0
Unit 4	210	210
Unit 5	0	
	840	580
Nasik		
Unit 1	120	90
Unit 2	120	95
Unit 3	210	185
Unit 4	210	160
Unit 5	210	180
	870	710
Uran		
All Units	852	620
	852	620
Dabhol		
RGPP	1940	1560
	1940	1560
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	36

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	33
ELDARY	23	20
SMLHY PTN	12	10
GHATGHAR	250	0
	611	197
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	330
Other CPPs	0	
	1005	815
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	3371
	3455	3371