



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

State Load Dispatch Center, Airoli

Daily system Report

for

10/May/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 10/May/2009 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	110.776	1167.843	1) Madhya Pradesh	55.201	577.795
2) Hydro	17.232	173.839	2) Gujrat	21.626	192.266
3) Gas	12.942	145.314	3) Goa	-5.632	-62.353
Total MSGENCO	140.950	1486.996	4) TAPS 1&2 (Inj.)	6.905	56.404
B) OTHERS			5) Pench (Excess)	-0.120	-1.901
1) RGPPL Gas	14.916	137.855	# Total Cent. Sector	77.980	762.211
2) Wind Generation	14.823	109.931	F) Other Exchanges		
3) PENCH (MS)	0.120	1.901	1) With TPCL	2.159	-12.626
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	32.092	332.968	1) MSEDCL Bilateral	12.248	90.218
2) TPCL Hydro	0.372	30.037	Include PX	0.974	8.642
TOTAL TPCL	32.464	363.005	2) MUMBAI Bilateral	-1.030	22.830
3) REL Thermal	12.602	125.817	Include PX	-1.227	-10.023
D) STATE			3) MUMBAI Schedule	-1.030	22.830
1) Thermal (A1+C1+C3)	155.470	1626.628	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	17.724	205.777	1) MSEDCL	250.948	2488.169
3) Gas (A3+B1)	27.858	283.169	2) TPCL	27.787	334.892
4) Wind (B2)	14.823	109.931	3) REL	15.120	166.444
TOTAL STATE	215.875	2225.505	TOTAL STATE	293.855	2989.505

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4377	4579	4623
MSGENCO Hydro	625	1173	804
MSGENCO Gas	540	524	546
MSGENCO Total Generation	5542	6276	5973
Central Sector Receipt	3732	3624	2781
RGPPL	619	623	622
WIND	684	633	627
Exchange with TPCL	213	-82	29
MSEDCL DEMAND MET	10790	11074	10032
Load Shedding	3040	2924	1669
MSEDCL DEMAND (INCL. LS)	13830	13998	11701
TPCL GENERATION	1440	1413	1220
REL GENERATION	523	523	526
TPCL+REL DEMAND	1750	2018	1717
STATE DEMAND MET	12540	13092	11749
STATE DEMAND (INCL. LS)	15580	16016	13418
Frequency (Hz)	49.63	49.59	49.27
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4210 MW AT 11.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			80.26 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.35 Hz at 18.03 Hrs	48.8 Hz at 14.34 Hrs	49.55	.82 % 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 10/May/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	0.00	0	0	0
Unit 2	1.75	12.11	79	57	70
Unit 3	1.72	15.38	77	66	75
Unit 4	0.00	11.72	0	0	0
Unit 5	3.50	32.08	160	123	130
Unit 6	3.56	32.44	166	128	130
Unit 7	3.50	32.64	160	130	130
	14.02	136.38			535
Bhusawal					
Unit 1	1.22	9.82	54	45	50
Unit 2	3.89	40.06	170	155	170
Unit 3	3.99	40.94	170	160	170
	9.10	90.81			390
Parli					
Unit 1	0.54	5.35	23	21	20
Unit 2	0.60	5.74	26	24	20
Unit 3	0.00	19.36	0	0	0
Unit 4	3.88	37.40	168	155	160
Unit 5	1.70	27.21	163	0	0
Unit 6	5.15	49.47	235	203	210
	11.87	144.52			410
Chandrapur					
Unit 1	4.03	41.73	180	150	170
Unit 2	4.06	40.44	175	159	170
Unit 3	4.99	40.04	211	191	210
Unit 4	0.00	0.00	0	0	0
Unit 5	7.24	87.47	390	210	300
Unit 6	10.26	97.53	455	380	425
Unit 7	3.83	95.14	413	0	450
	34.42	402.36			1725
Paras					
Unit 2	1.18	7.57	51	43	50
Unit 3	5.35	44.15	236	205	200
	6.53	51.72			250
Khaparkheda					
Unit 1	4.57	43.88	205	170	175
Unit 2	4.44	43.20	198	169	175
Unit 3	4.65	44.17	206	182	175
Unit 4	4.58	44.02	205	175	175
	18.24	175.27			700
Nasik					
Unit 1	2.22	22.10	98	87	90
Unit 2	1.73	16.84	88	0	90
Unit 3	4.16	42.82	180	165	175
Unit 4	4.30	43.42	188	172	180
Unit 5	4.18	41.59	178	172	175
	16.60	166.77			710
Uran					
All Units	12.94	145.31	583	508	515
	12.94	145.31			515
Koyna					
Stage 1-2	2.78	27.76	370	40	600
Stage 4	7.38	82.48	792	0	250
Kovna 12&4 Total	10.16	110.24			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.29	23.79	240	0	320
	12.44	134.04			1170
Hydro					
KDPH	0.86	4.40	36	36	36
VTRNA	1.02	11.47	61	0	61
TILLARI	0.32	2.83	60	0	60
BHTGR/VEER	0.96	8.98	40	40	40
BHIRA T.R.	0.15	1.50	44	0	80
RNGR+BHTSA	0.36	3.23	15	15	16
BHANDARDRA	0.74	3.93	31	31	30
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.40	0	0	0
GHATGHAR	0.37	3.07	125	0	0
	4.79	39.80			323
PENCH (MS)					
Pench (MS)	0.12	1.90	24	0	
	0.12	1.90			
Wind					
MalharPeth	0.41	3.08			
Vankuswadi	0.85	6.22			
ATIT	0.18	1.25			
Kale	0.33	2.75			
Satara	0.86	5.45			
Shirala	0.30	2.64			
K Mahankal	0.02	1.08			
Supa	0.34	2.57			
Vita	0.98	12.05			
Dondaicha	6.86	47.24			
Sakri	1.07	7.71			
Nandurbar	0.77	6.29			
Khadakale	1.08	7.20			
Khaparale	0.76	4.41			
	14.82	109.93			
Dabhol					
RGPP L II	14.92	137.86	627	615	582
RGPP L III		0.00	0	0	
	14.92	137.86			582
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	121.10	505	505	500
Trombay 6	10.12	109.36	510	280	500
Trombay 7A	2.37	27.35	119	90	100
Trombay 7B	1.45	15.45	66	57	100
Trombay 8	6.03	59.70	254	248	230
TATA Hydro	0.37	30.04	121	0	447
	32.46	363.00			1877
REL					
1&2	12.60	125.82	528	523	500
	12.60	125.82			500
Cent Sect					
Share					3029
					3029

MS PG CL	Thermal	110.78	1167.84		4720
	Thml+Gas	123.72	1313.16		5235
	Hydro	17.23	173.84		1493
	Total	140.95	1487.00		6728
State Total		215.88	2225.50		12716

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/May/2009

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CS SHARE	CS RECPT	MUMBAI		MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	MUMBAI DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS						SCH.	EXCH.						
1	4665	1126	530	6321	622	538	2824	2672	-18	32	10185	1704	11889	1989	13878	49.18
2	4646	780	545	5971	623	709	2789	2797	-18	31	10131	1709	11840	1850	13690	49.25
3	4623	804	546	5973	622	627	2787	2781	-18	29	10032	1669	11701	1717	13418	49.27
4	4622	906	546	6074	625	620	2573	2787	196	244	10350	1722	12072	1581	13653	49.49
5	4619	1228	555	6402	626	608	2639	2693	143	187	10516	2070	12586	1610	14196	49.43
6	4737	1468	558	6763	627	594	2639	2532	143	185	10701	2200	12901	1611	14512	49.46
7	4831	737	572	6140	623	589	2649	2447	141	185	9984	3140	13124	1578	14702	49.59
8	4856	406	567	5829	622	474	2757	2693	347	379	9997	3289	13286	1528	14814	49.83
9	4874	231	544	5649	622	417	2929	3105	169	220	10013	3241	13254	1601	14855	49.69
10	4591	328	544	5463	621	393	2935	3617	160	206	10300	3221	13521	1674	15195	49.53
11	4377	625	540	5542	619	684	2930	3732	163	213	10790	3040	13830	1750	15580	49.63
12	4423	738	544	5705	618	500	3061	3588	26	75	10486	3042	13528	1815	15343	49.61
13	4481	870	520	5871	616	529	3195	3517	26	77	10610	3025	13635	1792	15427	49.61
14	4656	729	524	5909	619	567	3170	3172	51	101	10368	3040	13408	1791	15199	49.51
15	4697	453	522	5672	615	952	3220	3045	-2	50	10358	3028	13386	1791	15177	49.33
16	4654	223	524	5401	618	668	3231	3736	-13	38	10474	2947	13421	1824	15245	49.73
17	4553	223	524	5300	620	672	3337	3487	-25	27	10130	2958	13088	1815	14903	49.80
18	4588	223	524	5335	623	923	3202	3867	16	67	10826	2677	13503	1773	15276	50.07
19	4622	233	524	5379	622	738	3054	3494	85	139	10396	2848	13244	1739	14983	49.86
20	4598	755	524	5877	622	642	3149	3677	-134	-103	10739	3216	13955	1971	15926	49.56
21	4579	1173	524	6276	623	633	3153	3624	-134	-82	11074	2924	13998	2018	16016	49.59
22	4588	1277	508	6373	623	587	3156	3547	-134	-82	11048	2605	13653	2019	15672	49.44
23	4479	1035	550	6064	622	538	3182	3753	-120	-79	10898	2358	13256	2030	15286	49.36
24	4417	661	583	5661	623	651	3020	3617	-22	20	10572	2117	12689	2040	14729	49.49
MUs	110.78	17.23	12.94	140.95	14.92	14.85	71.58	77.98	1.03	2.16	250.98	63.79	314.77	42.91	357.68	49.55

NOTE : ALL VALUES IN MW

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

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 10/May/2009

Position as on 6.30 Hrs of 11/May/2009

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)	31/03/2010
Chandrapur Unit 4	210	21/04/2009	00.05		Continued.	W/D for COH.	25/05/2009
Cent_Sect NTPC(V-4)	210	28/04/2009	10.15		Continued.	Annual Overhaul	07/06/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	01/07/2009
Uran Unit 4	60	01/04/2008	00:00		Continued.	Gas Restriction	
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Dabhol 3A	230	08/11/2008	13.45		Continued.	Exhaust temp.& vibn.high	01/06/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	
Dabhol 1X	290	16/03/2009	17.01		Continued.	No insurance.	
Dabhol 1A	230	16/03/2009	17.05		Continued.	No insurance.	
Tata Trombay 4	150	09/04/2009	02.10		Continued.	W/dn	
Koradi Unit 1	105	27/04/2009	22.07	11/05/2009	02.20	Condensor Tube Leakage	
Uran Unit 3	60	04/05/2009	21.15		Continued.	Gas Restriction	
Parli Unit 5	210	07/05/2009	21.49	10/05/2009	20.23	Condensor Tube Leakage	
Koradi Unit 4	115	09/05/2009	11.04		Continued.	Condensor Tube Leakage	13/05/2009
Cent_Sect Sipat-4	500	10/05/2009	00:49		Continued.	Coal Shortage	
Chandrapur Unit 7	500	10/05/2009	09.31		Continued.	Water wall Tube leakage	13/05/2009
Nasik Unit 2	125	10/05/2009	22.10		Continued.	Boiler Tube Leakage	14/05/2009
Parli Unit 5	210	11/05/2009	16.30	11/05/2009	20.13	Boiler Feed Pump Problem	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/May/2009

Position as on 6.30 Hrs of 11/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar II	08/05/2009	6:59	11/05/2009	08.52	H/T FOR O/V
DHULE-SAR'SAROVAR-I	10/05/2009	01.18		Continued.	H/T FOR O/V
Voltage Level : 400KV			Outage Type TRIPPED		
Wardha - Akola - II	07/05/2009	07:05		Continued.	Tripped on over voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400 KV TBC at Parly-II	07/04/2009	00.00		Continued.	Compressor Problem.
400/220kv 315MVA ICT-II at Kolhapur	11/05/2009	08.17	11/05/2009	17.26	Q.M. WORK
Karad-Kolhapur CKT I	11/05/2009	10.03	11/05/2009	16.12	Testing Work
Karad-Kolhapur CKT II	11/05/2009	17.34	11/05/2009	19.29	Testing Work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV,125MVA ICT-III at Kalwa	01/05/2009	07.45		Continued.	Maintanance work
Dahanu-Ghodbandar-2	10/05/2009	08.00	10/05/2009	17.15	Line Maint.work.
KALWA-SALSETE-III	10/05/2009	08.25	10/05/2009	11.38	R.M. Work
Parli-Osmanabad	10/05/2009	09.35		Continued.	Railway Crossing Work.
KALWA-SALSETE-IV	10/05/2009	12.45	10/05/2009	15.11	R.M.Work.
Uran -Apta-III	11/05/2009	08.05	11/05/2009	22.40	Testing Work
Uran-ONGC	11/05/2009	09.40	11/05/2009	21.43	Testing Work
220KV Main Bus at Dasturi	11/05/2009	09.50	11/05/2009	19.20	Premansoon Maintenance Work.
Akola - Badnera - I	11/05/2009	10.10		Continued.	Relay Retrofitting Work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Madgi-Kawlewada-II	10/02/2009	16.20		Continued.	C.B. replacement work.
Uppalwadi-Pardi	09/05/2009	10.21		Continued.	Relay Retrofitting Work.
Voltage Level : 500KV			Outage Type FORCED OUTAGE		
HVDC POLE I -CHDPR	10/05/2009	23.27	11/05/2009	06.24	Thyristor replacement
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
220 KV Own Brk..of 315 MVA ICT at Akola	23/04/2009	15.50		Continued.	Breaker Problem
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Bhandara-Kanhan ckt-I	10/05/2009	18.06	10/05/2009	21.16	To attend hot spot
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha--Dhamangaon	06/05/2009	16.28		Continued.	CKT H/T FOR LOADING 315 MVA 400/220 KV ICT AT AKOLA
Wardha-Badnera	06/05/2009	16.31		Continued.	CKT H/T FOR LOADING 315 MVA 400/220 KV ICT AT AKOLA
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Amravati - Lalkhedi	09/05/2009	08.05		Continued.	Hand Tripped to Increase Load on Akola ICT.
Voltage Level : 400KV			Outage Type TRIPPED		
Bablsr-Aurangabad	10/05/2009	14.05	10/05/2009	16.42	Distance Protection
Karad-Kolhapur-II	10/05/2009	18.10	10/05/2009	18.44	TRIPPED ON O/V
Padgha-Kharghar	11/05/2009	12.12	11/05/2009	12.42	CVT Fuse fail at Kharghar

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/May/2009

Position as on 6.30 Hrs of 11/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 220KV			Outage Type TRIPPED		
Tifil-Trombay	10/05/2009	02.54	10/05/2009	08.53	Tripped on Dist.Prot.'R' Ph To 'E'.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 11/May/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	50
Unit 2	105	70
Unit 3	105	70
Unit 4	105	0
Unit 5	200	140
Unit 6	210	140
Unit 7	210	150
	1040	620
Bhusawal		
Unit 1	58	50
Unit 2	210	170
Unit 3	210	170
	478	390
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	0
Unit 4	210	150
Unit 5	210	165
Unit 6	250	205
	940	560
Chandrapur		
Unit 1	210	140
Unit 2	210	170
Unit 3	210	210
Unit 4	210	0
Unit 5	500	300
Unit 6	500	425
Unit 7	500	0
	2340	1245
Paras		
Unit 2	55	50
Unit 3	250	230
	305	280
Khaparkheda		
Unit 1	210	175
Unit 2	210	175
Unit 3	210	175
Unit 4	210	175
	840	700
Nasik		
Unit 1	120	95
Unit 2	120	0
Unit 3	210	175
Unit 4	210	180
Unit 5	210	175
	870	625
Uran		
All Units	852	640
	852	640
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	36
VTRNA	60	61
TILLARI	60	60
BHTGR/VEER	21	40
BHIRA T.R.	80	80
RNGR+BHTSA	20	16
BHANDARDRA	45	30
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	323
PENCH (MS)		
Pench (MS)	53	0
	53	0
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	
Dabhol		
RGPL II	740	590
RGPL III	740	0
	1480	590
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	110
Trombay 7B	60	70
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3077
	3143	3077