



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

State Load Dispatch Center, Airoli

Daily system Report

for

09/May/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 09/May/2009 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	115.690	1057.067	1) Madhya Pradesh	53.950	522.594
2) Hydro	19.005	156.607	2) Gujrat	20.252	170.640
3) Gas	12.340	132.372	3) Goa	-6.431	-56.721
Total MSGENCO	147.035	1346.046	4) TAPS 1&2 (Inj.)	6.897	49.499
B) OTHERS			5) Pench (Excess)	0.000	-1.781
1) RGPPL Gas	14.858	122.939	# Total Cent. Sector	74.668	684.231
2) Wind Generation	13.201	95.108	F) Other Exchanges		
3) PENCH (MS)	0.000	1.781	1) With TPCL	0.296	-14.785
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	33.603	300.876	1) MSEDCL Bilateral	10.394	77.971
2) TPCL Hydro	3.741	29.665	Include PX	1.398	7.668
TOTAL TPCL	37.344	330.541	2) MUMBAI Bilateral	0.680	23.860
3) REL Thermal	12.532	113.215	Include PX	-2.030	-8.796
D) STATE			3) MUMBAI Schedule	0.680	23.860
1) Thermal (A1+C1+C3)	161.825	1471.158	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	22.746	188.053	1) MSEDCL	250.058	2237.101
3) Gas (A3+B1)	27.198	255.311	2) TPCL	32.603	307.105
4) Wind (B2)	13.201	95.108	3) REL	16.976	151.324
TOTAL STATE	224.970	2009.630	TOTAL STATE	299.637	2695.530

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	4820	4735	4849
MSGENCO Hydro	785	1511	592
MSGENCO Gas	516	471	530
MSGENCO Total Generation	6121	6717	5971
Central Sector Receipt	3176	3367	2851
RGPPL	615	622	621
WIND	330	712	628
Exchange with TPCL	25	-104	22
MSEDCL DEMAND MET	10267	11314	10093
Load Shedding	3209	3176	1443
MSEDCL DEMAND (INCL. LS)	13476	14490	11536
TPCL GENERATION	1767	1672	1224
REL GENERATION	519	520	526
TPCL+REL DEMAND	2261	2296	1728
STATE DEMAND MET	12528	13610	11821
STATE DEMAND (INCL. LS)	15737	16786	13264
Frequency (Hz)	49.28	49.43	49.17
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4298 MW at 21.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			76.05 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.04 Hz at 18.03 Hrs	48.79 Hz at 00.13 Hrs	49.3	4.66 % 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/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	1.57	10.36	78	50	70
Unit 3	1.58	13.66	79	47	80
Unit 4	0.63	11.72	71	0	65
Unit 5	3.17	28.58	144	118	140
Unit 6	3.23	28.89	142	120	120
Unit 7	3.14	29.15	147	106	155
	13.32	122.36			630
Bhusawal					
Unit 1	1.17	8.60	54	46	50
Unit 2	3.91	36.17	170	157	175
Unit 3	3.99	36.94	173	160	170
	9.07	81.72			395
Parli					
Unit 1	0.54	4.81	24	21	20
Unit 2	0.56	5.14	25	22	20
Unit 3	2.58	19.36	145	0	140
Unit 4	3.80	33.51	165	150	150
Unit 5	0.00	25.51	0	0	0
Unit 6	4.99	44.32	215	202	200
	12.47	132.65			530
Chandrapur					
Unit 1	4.17	37.69	177	168	170
Unit 2	4.03	36.38	172	164	170
Unit 3	4.98	35.06	212	200	210
Unit 4	0.00	0.00	0	0	0
Unit 5	7.02	80.23	362	236	300
Unit 6	10.05	87.27	445	405	425
Unit 7	10.35	91.31	442	420	425
	40.59	367.94			1700
Paras					
Unit 2	1.15	6.39	50	44	50
Unit 3	5.44	38.80	237	210	225
	6.59	45.19			275
Khaparkheda					
Unit 1	4.32	39.30	187	172	175
Unit 2	4.25	38.76	184	169	175
Unit 3	4.37	39.52	184	180	175
Unit 4	4.26	39.45	182	173	175
	17.21	157.03			700
Nasik					
Unit 1	2.15	19.89	97	76	90
Unit 2	1.42	15.11	75	48	60
Unit 3	4.30	38.66	191	171	170
Unit 4	4.42	39.12	187	180	180
Unit 5	4.16	37.41	176	170	170
	16.44	150.18			670
Uran					
All Units	12.34	132.37	539	471	525
	12.34	132.37			525
Koyna					
Stage 1-2	3.24	24.98	290	40	600
Stage 4	8.80	75.10	1023	0	250
Koyna 12&4 Total	12.04	100.08			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.50	21.51	228	0	320
	14.54	121.59			1170
Hydro					
KDPH	0.87	3.54	37	36	36
VTRNA	1.00	10.45	61	0	61
TILLARI	0.30	2.50	60	0	60
BHTGR/VEER	0.79	8.02	33	33	40
BHIRA T.R.	0.16	1.36	72	0	80
RNGR+BHTSA	0.32	2.87	14	13	15
BHANDARDRA	0.74	3.18	31	30	31
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.40	0	0	0
GHATGHAR	0.28	2.70	120	0	0
	4.46	35.02			323
PENCH (MS)					
Pench (MS)	0.00	1.78	0	0	
	0.00	1.78			
Wind					
MalharPeth	0.34	2.66			
Vankuswadi	0.78	5.37			
ATIT	0.16	1.07			
Kale	0.34	2.42			
Satara	0.73	4.59			
Shirala	0.34	2.34			
K Mahankal	0.06	1.05			
Supa	0.34	2.22			
Vita	1.50	11.07			
Dondaicha	5.68	40.38			
Sakri	0.94	6.64			
Nandurbar	0.84	5.52			
Khadakale	0.80	6.12			
Khaparale	0.36	3.65			
	13.20	95.11			
Dabhol					
RGPP L II	14.86	122.94	629	609	587
RGPP L III	0.00	0.00	0	0	
	14.86	122.94			587
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	108.98	505	500	500
Trombay 6	10.99	99.24	510	220	500
Trombay 7A	2.88	24.98	122	117	120
Trombay 7B	1.61	14.00	68	66	60
Trombay 8	6.00	53.67	253	234	250
TATA Hydro	3.74	29.66	356	0	447
	37.34	330.54			1877
REL					
1&2	12.53	113.22	526	519	500
	12.53	113.22			500
Cent Sect					
Share					3165
					3165

MS PG CL	Thermal	115.69	1057.07		4900
	Thml+Gas	128.03	1189.44		5425
	Hydro	19.00	156.61		1493
	Total	147.04	1346.05		6918
State Total		224.97	2009.63		13047

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/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	4831	750	535	6116	617	456	2873	2803	-18	17	10009	1479	11488	2032	13520	49.00
2	4859	544	530	5933	620	473	2875	2879	-18	19	9924	1483	11407	1861	13268	49.20
3	4849	592	530	5971	621	628	2875	2851	-18	22	10093	1443	11536	1728	13264	49.17
4	4870	710	530	6110	620	539	2802	2847	56	93	10209	1510	11719	1643	13362	49.11
5	4881	894	528	6303	624	564	2807	2879	51	86	10456	1926	12382	1603	13985	49.28
6	4882	1021	528	6431	626	533	2813	2847	45	98	10535	2161	12696	1648	14344	49.24
7	4910	290	529	5729	629	346	2642	2706	218	252	9662	3155	12817	1646	14463	49.44
8	4913	214	539	5666	627	346	2862	2858	302	328	9825	3065	12890	1661	14551	49.45
9	4931	226	530	5687	621	322	2869	2794	293	332	9756	3128	12884	1773	14657	49.33
10	4850	271	528	5649	617	261	3055	3191	39	75	9793	3631	13424	2029	15453	49.26
11	4820	785	516	6121	615	330	2993	3176	-13	25	10267	3209	13476	2261	15737	49.28
12	4793	1189	514	6496	613	304	3022	3275	-119	-85	10603	3169	13772	2401	16173	49.35
13	4812	1211	512	6535	609	446	3155	3241	-172	-128	10703	3194	13897	2400	16297	49.30
14	4802	987	506	6295	614	471	3144	3355	-172	-129	10606	3334	13940	2332	16272	49.29
15	4833	669	507	6009	613	715	3218	3373	-172	-128	10582	3303	13885	2369	16254	49.22
16	4827	532	508	5867	613	655	3307	3344	-172	-123	10356	3373	13729	2371	16100	49.21
17	4849	289	510	5648	613	697	3320	3427	-173	-125	10260	3590	13850	2358	16208	49.24
18	4869	279	518	5666	615	1005	3150	3382	-48	-9	10659	3300	13959	2263	16222	49.40
19	4791	348	524	5663	620	800	3098	3342	14	50	10475	3133	13608	2178	15786	49.56
20	4767	1188	497	6452	621	629	3072	3263	-148	-95	10870	3461	14331	2321	16652	49.44
21	4735	1511	471	6717	622	712	3108	3367	-148	-104	11314	3176	14490	2296	16786	49.43
22	4688	1486	492	6666	623	618	3143	3432	-148	-101	11238	2853	14091	2185	16276	49.44
23	4684	1572	473	6729	622	668	3172	3187	-142	-97	11109	2444	13553	2134	15687	49.28
24	4630	1447	480	6557	623	687	2935	2888	-18	23	10778	2181	12959	2087	15046	49.23
MUs	115.68	19.00	12.34	147.02	14.86	13.20	72.31	74.71	-0.68	0.30	250.08	66.70	316.78	49.58	366.36	49.30

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 09/May/2009

Position as on 6.30 Hrs of 10/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	
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	
Uran Unit B0	120	07/05/2009	22.55	09/05/2009	23.37	Sealing Problem.	
Koradi Unit 4	115	09/05/2009	11.04		Continued.	Condensor Tube Leakage	13/05/2009
Cent_Sect NTPC(K-1)	210	09/05/2009	16.13	09/05/2009	17.40	Low Vaccum	
Parli Unit 3	210	09/05/2009	19.21		Continued.	Water wall Tube leakage	13/05/2009
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

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/May/2009

Position as on 6.30 Hrs of 10/May/2009

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	08/05/2009	6:59		Continued.	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.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV,125MVA ICT-III at Kalwa	01/05/2009	07.45		Continued.	Maintanance work
K'gaon-ONGC	09/05/2009	14.20	09/05/2009	15.55	Testing Work
Pophali-K'gaon	09/05/2009	16.10	09/05/2009	17.20	Testing Work
K'gaon-Dasturi	09/05/2009	17.25	09/05/2009	18.42	Testing Work
Parli-Osmanabad	10/05/2009	05.35		Continued.	Railway Crossing 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
KALWA-SALSETE-IV	10/05/2009	12.45	10/05/2009	15.11	R.M.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.
Ambazari - Amravati	09/05/2009	10.26	09/05/2009	12.17	Tan Delta Measurment.
132/33 KV 50 MVA T/F @ Nanded	09/05/2009	10.30	09/05/2009	12.40	Tan Delta Measurment.
Mehkar - Malegaon	09/05/2009	11.00	09/05/2009	15.55	To attend Oil Leakage.
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		
220/132 KV 200 MVA ICT @ Kurkumb	09/05/2009	11.25	09/05/2009	14.45	To attend Oil Leakage.
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		
Kalwa-Padgha CKT I	09/05/2009	14.03	09/05/2009	14.56	Tripped on Dist.Prot.
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
Voltage Level : 220KV			Outage Type TRIPPED		
SPCL - IPCL	09/05/2009	17.45	09/05/2009	18.50	Tripped on Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/May/2009

Position as on 6.30 Hrs of 10/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
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 10/May/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	75
Unit 4	105	0
Unit 5	200	130
Unit 6	210	130
Unit 7	210	130
	1040	535
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	160
Unit 5	210	0
Unit 6	250	210
	940	410
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	210
Unit 4	210	0
Unit 5	500	300
Unit 6	500	425
Unit 7	500	450
	2340	1725
Paras		
Unit 2	55	50
Unit 3	250	200
	305	250
Khaparkheda		
Unit 1	210	175
Unit 2	210	175
Unit 3	210	175
Unit 4	210	175
	840	700
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	175
Unit 4	210	180
Unit 5	210	175
	870	710
Uran		
All Units	852	515
	852	515
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	
	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	
Dabhol		
RGPL II	740	582
RGPL III	740	
	1480	582
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	100
Trombay 7B	60	100
Trombay 8	250	230
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3029
	3143	3029