



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

State Load Dispatch Center, Airoli

Daily system Report

for

13/May/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 13/May/2009 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	108.837	1487.335	1) Madhya Pradesh	63.095	765.467
2) Hydro	16.489	226.156	2) Gujrat	21.718	262.887
3) Gas	15.737	191.948	3) Goa	-6.416	-81.363
Total MSGENCO	141.063	1905.439	4) TAPS 1&2 (Inj.)	6.878	77.057
B) OTHERS			5) Pench (Excess)	0.000	-1.921
1) RGPPL Gas	14.885	182.549	# Total Cent. Sector	85.275	1022.127
2) Wind Generation	14.181	153.668	F) Other Exchanges		
3) PENCH (MS)	0.000	1.921	1) With TPCL	-2.099	-18.445
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	33.132	433.455	1) MSEDCL Bilateral	10.705	118.304
2) TPCL Hydro	5.400	43.985	Include PX	2.635	13.118
TOTAL TPCL	38.532	477.440	2) MUMBAI Bilateral	3.279	31.946
3) REL Thermal	12.530	163.555	Include PX	-0.608	-12.032
D) STATE			3) MUMBAI Schedule	3.279	31.946
1) Thermal (A1+C1+C3)	154.499	2084.345	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	21.889	272.062	1) MSEDCL	253.305	3249.180
3) Gas (A3+B1)	30.622	374.497	2) TPCL	35.674	440.637
4) Wind (B2)	14.181	153.668	3) REL	17.484	218.684
TOTAL STATE	221.191	2884.572	TOTAL STATE	306.463	3908.501

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4440	4782	4201
MSGENCO Hydro	732	765	240
MSGENCO Gas	639	692	658
MSGENCO Total Generation	5811	6239	5099
Central Sector Receipt	4160	3461	3936
RGPPL	617	620	623
WIND	297	843	567
Exchange with TPCL	-339	-89	37
MSEDCL DEMAND MET	10546	11074	10262
Load Shedding	3246	3368	1617
MSEDCL DEMAND (INCL. LS)	13792	14442	11879
TPCL GENERATION	1808	1814	1197
REL GENERATION	488	525	526
TPCL+REL DEMAND	2635	2428	1686
STATE DEMAND MET	13181	13502	11948
STATE DEMAND (INCL. LS)	16427	16870	13565
Frequency (Hz)	49.50	49.47	49.74
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4663 Mw At 12.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			87.767 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.47 Hz at 06.04 Hrs	48.79 Hz at 23.03 Hrs	49.55	1.63 % 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 13/May/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.09	3.52	64	22	45
Unit 2	1.21	16.30	66	37	45
Unit 3	1.13	19.50	64	32	35
Unit 4	1.11	13.52	61	16	55
Unit 5	2.41	40.83	109	93	100
Unit 6	2.74	41.38	130	80	130
Unit 7	2.60	41.57	126	88	120
	12.29	176.62			530
Bhusawal					
Unit 1	1.09	13.27	55	34	50
Unit 2	1.23	48.94	168	0	170
Unit 3	4.16	53.12	180	163	170
	6.48	115.34			390
Parli					
Unit 1	0.50	6.90	22	19	20
Unit 2	0.59	7.47	26	22	20
Unit 3	3.58	26.11	152	138	150
Unit 4	3.78	48.96	162	146	150
Unit 5	3.80	38.03	160	155	150
Unit 6	5.21	65.25	228	204	220
	17.46	192.73			710
Chandrapur					
Unit 1	3.68	52.34	174	111	150
Unit 2	4.04	52.39	173	162	170
Unit 3	4.84	54.78	207	184	210
Unit 4	0.00	0.00	0	0	0
Unit 5	6.14	105.11	335	125	200
Unit 6	10.11	127.62	435	396	400
Unit 7	8.14	103.28	448	50	350
	36.95	495.52			1480
Paras					
Unit 2	1.09	10.97	50	36	45
Unit 3	5.03	60.43	247	170	185
	6.12	71.40			230
Khaparkheda					
Unit 1	1.50	53.42	174	0	0
Unit 2	4.28	55.92	188	168	180
Unit 3	4.41	57.17	188	172	180
Unit 4	4.52	56.98	202	172	200
	14.70	223.49			560
Nasik					
Unit 1	2.04	28.62	95	77	95
Unit 2	0.00	16.84	0	0	0
Unit 3	4.30	55.88	189	172	175
Unit 4	4.46	56.71	190	178	185
Unit 5	4.04	54.18	174	162	175
	14.84	212.24			630
Uran					
All Units	15.74	191.95	692	622	620
	15.74	191.95			620
Koyna					
Stage 1-2	3.28	36.94	385	40	600
Stage 4	6.62	105.26	666	0	250
Koyna 12&4 Total	9.89	142.19			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.36	30.65	290	0	320
	12.26	172.84			1170
Hydro					
KDPH	0.84	6.96	36	35	36
VTRNA	1.15	15.03	61	0	61
TILLARI	0.24	3.53	60	0	60
BHTGR/VEER	0.69	11.28	29	28	40
BHIRA T.R.	0.25	2.09	82	0	80
RNGR+BHTSA	0.30	4.17	13	12	15
BHANDARDRA	0.71	6.07	30	29	30
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.50	10	0	0
GHATGHAR	0.00	3.69	0	0	0
	4.23	53.32			322
PENCH (MS)					
Pench (MS)	0.00	1.92	0	0	
	0.00	1.92			
Wind					
MalharPeth	0.51	4.63			
Vankuswadi	1.09	9.64			
ATIT	0.21	1.93			
Kale	0.10	3.02			
Satara	0.50	7.03			
Shirala	0.44	3.72			
K Mahankal	0.58	2.42			
Supa	0.18	3.28			
Vita	1.99	17.38			
Dondaicha	5.87	65.49			
Sakri	1.01	10.75			
Nandurbar	0.97	9.07			
Khadakale	0.56	9.61			
Khaparale	0.18	5.70			
	14.18	153.67			
Dabhol					
RGPP L II	14.88	182.55	627	612	587
RGPP L III	0.00	0.00	0	0	
	14.88	182.55			587
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	157.46	505	505	500
Trombay 6	10.42	142.04	510	150	500
Trombay 7A	2.94	35.92	126	120	120
Trombay 7B	1.63	20.27	69	67	60
Trombay 8	6.02	77.76	253	250	250
TATA Hydro	5.40	43.98	412	0	447
	38.53	477.44			1877
REL					
1&2	12.53	163.56	528	488	500
	12.53	163.56			500
Cent Sect					
Share					3010
					3010

MS PG CL	Thermal	108.84	1487.34		4530
	Thml+Gas	124.57	1679.28		5150
	Hydro	16.49	226.16		1492
	Total	141.06	1905.44		6642
State Total		221.19	2884.57		12616

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/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	4177	860	654	5691	624	641	2797	3599	-14	16	10571	1625	12196	1987	14183	49.59
2	4231	474	660	5365	625	548	2798	3670	-14	26	10234	1629	11863	1827	13690	49.78
3	4201	240	658	5099	623	567	2834	3936	-14	37	10262	1617	11879	1686	13565	49.74
4	4275	271	659	5205	624	582	2877	3918	-14	25	10354	1668	12022	1642	13664	49.72
5	4347	523	657	5527	626	569	2878	3662	-14	21	10405	2092	12497	1607	14104	49.57
6	4416	1006	662	6084	627	610	2879	3480	-14	20	10821	2356	13177	1655	14832	49.71
7	4440	247	670	5357	621	562	2843	3428	-14	22	9990	3458	13448	1686	15134	50.06
8	4575	208	664	5447	623	451	2979	3089	174	218	9828	3648	13476	1731	15207	49.86
9	4518	223	656	5397	622	402	2878	3238	293	338	9997	3614	13611	1984	15595	49.74
10	4437	372	650	5459	620	290	3182	3703	-13	19	10091	3642	13733	2326	16059	49.65
11	4440	732	639	5811	617	297	3476	4160	-396	-339	10546	3246	13792	2635	16427	49.50
12	4466	1274	631	6371	618	296	3402	4010	-396	-339	10956	3197	14153	2727	16880	49.43
13	4493	1334	629	6456	612	410	3405	3896	-396	-326	11048	3157	14205	2711	16916	49.49
14	4455	1272	628	6355	615	503	3405	3798	-396	-325	10946	3216	14162	2625	16787	49.43
15	4526	1206	622	6354	613	578	3307	3492	-396	-326	10711	3211	13922	2667	16589	49.21
16	4604	962	628	6194	615	776	3401	3472	-396	-327	10730	3186	13916	2682	16598	49.30
17	4702	338	635	5675	616	893	3475	3674	-374	-331	10527	3375	13902	2668	16570	49.42
18	4763	222	673	5658	618	879	3344	3534	-247	-201	10488	3109	13597	2561	16158	49.63
19	4734	241	691	5666	621	1022	3244	3443	-184	-130	10622	3140	13762	2407	16169	49.63
20	4782	765	692	6239	620	843	2940	3461	-140	-89	11074	3368	14442	2428	16870	49.47
21	4757	1045	687	6489	620	781	2987	3333	-140	-87	11136	3067	14203	2367	16570	49.37
22	4816	948	683	6447	620	689	2984	3036	-135	-88	10704	2749	13453	2258	15711	49.25
23	4727	1057	643	6427	622	481	2921	3136	-78	-21	10645	2398	13043	2170	15213	49.25
24	4692	669	645	6006	623	508	2777	2923	39	88	10148	2132	12280	2124	14404	49.30
MUs	108.57	16.49	15.72	140.78	14.88	14.18	74.01	85.09	-3.28	-2.10	252.83	67.90	320.73	53.16	373.90	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 13/May/2009

Position as on 6.30 Hrs of 14/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	13/05/2009	17.15	Gas Restriction	
Cent_Sect Sipat-4	500	10/05/2009	00:49		Continued.	Coal Shortage	
Chandrapur Unit 7	500	10/05/2009	09.31	13/05/2009	00:13	Water wall Tube leakage	
Nasik Unit 2	125	10/05/2009	22.10		Continued.	Boiler Tube Leakage	14/05/2009
Khaparkheda Unit 1	210	12/05/2009	22:25	13/05/2009	14.36	Tripped, MOT Level Low.	
Koyna Unit 8	80	12/05/2009	22:50	13/05/2009	00:15	Excitation Problem.	
Bhusawal Unit 2	210	13/05/2009	08.15		Continued.	GC 1 Tube Leakage	16/05/2009
Uran Unit 3	60	13/05/2009	22.02		Continued.	Gas Restriction	
Parli Unit 1	30	14/05/2009	01.29		Continued.	Tripped Gen.Prot.Operated Y.Ph L.A.Burst.	
Koradi Unit 4	115	14/05/2009	01.33		Continued.	W/Dn No Coal.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/May/2009

Position as on 6.30 Hrs of 14/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-I	10/05/2009	01.18	13/05/2009	10.35	H/T FOR O/V
Dhule-Sar'Sarovar II	12/05/2009	23:47		Continued.	Hand Tripped to Control O/V.
DHULE-SAR'SAROVAR-I	13/05/2009	23.25		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
Voltage Level : 220KV			Outage Type TRIPPED		
Mudshingi-Ponda	12/05/2009	04:45		Continued.	Tripped ,Dist.Prot.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400 KV TBC at Parly-II	07/04/2009	00.00		Continued.	Compressor Problem.
Karad-Kolhapur CKT II	12/05/2009	08:05	13/05/2009	00:05	C. V. T. Replacement.
Karad-New Koyna II	13/05/2009	07.23	13/05/2009	19.10	Line Maint.work.
400/220kv 315MVA ICT-II at Kolhapur	13/05/2009	09.20	13/05/2009	18.08	Q.M. WORK
400KV M.Bus-I at Lamboti	13/05/2009	11.18	13/05/2009	14.00	Q.M. WORK
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV,125MVA ICT-III at Kalwa	01/05/2009	07.45		Continued.	Maintanance work
Parli-Osmanabad	10/05/2009	09.35	13/05/2009	11.14	Railway Crossing Work.
Mulund-Kalwa-I	12/05/2009	09:52		Continued.	Relay Retrofitting Work.
TILLARY-PHONDA	12/05/2009	11.45	13/05/2009	19.25	For Outage on Mudsungi-Ponda line.
220 KV M.Bus-II at 400 KV Chandrapur	13/05/2009	07.02	13/05/2009	21.06	P.T.Replacement.
Khaperkheda - Wardha.	13/05/2009	08.07	13/05/2009	12.14	Q.M. WORK
220/100 KV 200 MVA ICT-I at Kolshet	13/05/2009	10.45	13/05/2009	19.50	Testing Work
Borivali-Boisar	13/05/2009	11.01		Continued.	Isolator Replacement
URAN_HOCL	13/05/2009	12.50		Continued.	Removal Of P.T.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Madgi-Kawlewada-II	10/02/2009	16.20		Continued.	C.B. replacement work.
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
Padgha-Nagothane-II	13/05/2009	08.50	13/05/2009	19.25	Breaker Prob.at Padghe H/T at Nagothane
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220 KV Bus Coupler at 400 KV Kharghar	13/05/2009	09.20	13/05/2009	18.40	Breaker Compressor Prob.
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	13/05/2009	21.00	Hand Tripped to Increase Load on Akola ICT.
Paras-Akot	13/05/2009	22.40	13/05/2009	23.00	Heavy Sparking On Line Isolator at

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/May/2009

Position as on 6.30 Hrs of 14/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
					Akot.
Voltage Level : 400KV			Outage Type TRIPPED		
Akola-koradi	13/05/2009	22.31	13/05/2009	23.15	Tripped On Dist.Prot.Zone-I,R.Ph.
Voltage Level : 132KV			Outage Type TRIPPED		
Tiwsa-Talegaon Ckt.	13/05/2009	16.20	13/05/2009	16.48	Tripped on Back Up Prot.
Durugwada-Lalkhedi	13/05/2009	20.40		Continued.	Tripped on D/P,Heavy Storm.
Akola-Drugwada	13/05/2009	20.40	13/05/2009	21.28	Tripped,Heavy Storm.
Malegaon-Resod	13/05/2009	21.45	13/05/2009	23.55	Tripped on D/P,Heavy Storm.
Warwatbakal-Akola	13/05/2009	22.15		Continued.	Tripped on D/P,Heavy Storm.
Muktainagar-Bodwad	13/05/2009	22.28	13/05/2009	22.45	Tripped on D/P,Heavy Storm.
Parli-Gangakhed	14/05/2009	01.18		Continued.	Storm and Raining.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 14/May/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	30
Unit 2	105	30
Unit 3	105	30
Unit 4	105	0
Unit 5	200	100
Unit 6	210	130
Unit 7	210	125
	1040	445
Bhusawal		
Unit 1	58	25
Unit 2	210	0
Unit 3	210	170
	478	195
Parli		
Unit 1	30	0
Unit 2	30	20
Unit 3	210	150
Unit 4	210	150
Unit 5	210	150
Unit 6	250	200
	940	670
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	40
Unit 3	250	240
	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	90
Unit 2	120	0
Unit 3	210	170
Unit 4	210	180
Unit 5	210	170
	870	610
Uran		
All Units	852	620
	852	620
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	30
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	30
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	322
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	587
RGPL III	740	0
	1480	587
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	3143	2897
	3143	2897