



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

State Load Dispatch Center, Airoli

Daily system Report

for

09/Jun/2009

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	115.550	1002.586	1) Madhya Pradesh	65.472	607.632
2) Hydro	12.782	90.876	2) Gujrat	7.221	110.023
3) Gas	12.835	129.177	3) Goa	-5.470	-50.658
Total MSGENCO	141.167	1222.639	4) TAPS 1&2 (Inj.)	6.661	60.448
B) OTHERS			5) Pench (Excess)	0.000	-0.388
1) RGPPL Gas	22.212	198.488	# Total Cent. Sector	73.884	727.057
2) Wind Generation	18.581	143.122	F) Other Exchanges		
3) PENCH (MS)	0.000	0.388	1) With TPCL	-8.224	-70.920
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	31.731	272.466	1) MSEDCL Bilateral	7.958	71.756
2) TPCL Hydro	4.406	39.686	Include PX	0.212	0.535
TOTAL TPCL	36.137	312.152	2) MUMBAI Bilateral	8.542	69.702
3) REL Thermal	12.573	113.217	Include PX	3.870	23.659
D) STATE			3) MUMBAI Schedule	8.542	71.102
1) Thermal (A1+C1+C3)	159.854	1388.269	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	17.188	130.950	1) MSEDCL	247.620	2221.162
3) Gas (A3+B1)	35.047	327.665	2) TPCL	37.721	328.845
4) Wind (B2)	18.581	143.122	3) REL	19.209	167.434
TOTAL STATE	230.670	1990.006	TOTAL STATE	304.550	2717.441

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	4835	4848	4699
MSGENCO Hydro	726	1184	90
MSGENCO Gas	539	508	516
MSGENCO Total Generation	6100	6540	5305
Central Sector Receipt	3436	3142	2700
RGPPL	929	926	931
WIND	806	873	806
Exchange with TPCL	-429	-236	-61
MSEDCL DEMAND MET	10842	11245	9681
Load Shedding	2184	3058	1198
MSEDCL DEMAND (INCL. LS)	13026	14303	10879
TPCL GENERATION	1793	1714	1178
REL GENERATION	522	522	526
TPCL+REL DEMAND	2744	2472	1765
STATE DEMAND MET	13586	13717	11446
STATE DEMAND (INCL. LS)	15770	16775	12644
Frequency (Hz)	49.79	49.19	49.65
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3569 MW At 21.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			56.23 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.19 Hz at 08.05 Hrs	48.79 Hz at 23.04 Hrs	49.53	2.89 % 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/Jun/2009

Generating unit	Generation				OLC (MW)	Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)			Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi						Stage 3	1.97	14.12	236	0	320
Unit 1	1.58	1.58	78	0	70		10.98	78.14			1170
Unit 2	0.00	8.73	0	0	0	Hydro					
Unit 3	1.33	10.22	65	46	60	KDPH	0.00	0.55	0	0	0
Unit 4	0.00	4.04	0	0	0	VTRNA	0.36	2.04	61	0	60
Unit 5	3.71	32.47	169	142	160	TILLARI	0.00	0.00	0	0	0
Unit 6	3.74	19.92	168	134	150	BHTGR/VEER	0.22	2.52	9	9	10
Unit 7	3.86	34.44	186	126	140	BHIRA T.R.	0.20	1.97	79	0	80
	14.22	111.40			580	RNGR+BHTSA	0.31	2.52	13	13	11
Bhusawal						BHANDARDRA	0.43	0.43	18	18	0
Unit 1	1.27	10.82	55	48	50	ELDARY	0.00	0.00	0	0	0
Unit 2	4.08	33.59	179	158	170	PAITHAN	0.06	0.52	10	0	10
Unit 3	4.00	37.70	174	140	175	GHATGHAR	0.22	2.19	125	0	0
	9.35	82.12			395		1.80	12.74			171
Parli						PENCH (MS)					
Unit 1	0.59	4.61	26	23	20	Pench (MS)	0.00	0.39	0	0	
Unit 2	0.53	4.84	23	21	20		0.00	0.39			
Unit 3	3.61	27.01	160	142	145	Wind					
Unit 4	3.89	33.50	177	150	150	MalharPeth	0.58	4.01			
Unit 5	4.13	35.69	186	160	160	Vankuswadi	1.25	9.98			
Unit 6	0.00	0.58	0	0	0	ATIT	0.23	2.07			
	12.75	106.24			495	Kale	0.07	0.84			
Chandrapur						Satara	1.10	7.39			
Unit 1	3.94	36.05	170	155	160	Shirala	0.43	3.13			
Unit 2	3.83	35.28	169	149	165	K Mahankal	0.10	2.06			
Unit 3	4.39	37.14	209	154	210	Supa	0.29	2.00			
Unit 4	3.86	30.97	187	144	170	Vita	2.15	17.71			
Unit 5	9.10	79.88	430	325	400	Dondaicha	8.40	60.03			
Unit 6	9.69	64.42	435	372	425	Sakri	1.42	11.16			
Unit 7	10.07	90.32	448	387	450	Nandurbar	1.16	9.55			
	44.88	374.06			1980	Khadakale	0.69	6.81			
Paras						Khaparale	0.73	6.39			
Unit 2	0.95	4.87	48	20	27		18.58	143.12			
Unit 3	4.61	39.99	208	167	175	Dabhol					
	5.56	44.86			202	RGPPPL II	22.21	198.49	934	891	892
Khaparkheda						RGPPPL III		0.00	0	0	
Unit 1	4.16	38.78	196	167	170		22.21	198.49			892
Unit 2	4.22	34.54	191	169	170	Tata					
Unit 3	4.19	31.75	202	169	170	Trombay 4	0.00	0.00	0	0	0
Unit 4	4.16	39.29	194	164	170	Trombay 5	12.10	108.91	505	485	500
	16.74	144.37			680	Trombay 6	11.44	101.92	510	325	500
Nasik						Trombay 7A	2.91	26.06	124	119	110
Unit 1	1.82	17.80	92	59	90	Trombay 7B	1.61	14.49	68	66	60
Unit 2	1.47	13.24	74	43	70	Trombay 8	3.68	21.08	160	136	150
Unit 3	0.00	30.08	0	0	0	TATA Hydro	4.41	39.69	438	2	447
Unit 4	4.58	40.18	196	184	180		36.14	312.15			1767
Unit 5	4.17	38.24	184	167	180	REL					
	12.04	139.56			520	1&2	12.57	113.22	527	521	500
Uran							12.57	113.22			500
All Units	12.84	129.18	634	508	500	Cent Sect					
	12.84	129.18			500	Share					2923
Koyna											2923
Stage 1-2	3.02	21.47	355	40	600	MS PG CL					
Stage 4	5.99	42.55	688	0	250	Thermal	115.55	1002.59			4852
Koyna 12&4 Total	9.01	64.02			850	Thml+Gas	128.38	1131.76			5352
						Hydro	12.78	90.88			1341
						Total	141.17	1222.64			6693
						State Total	230.67	1990.01			12775

State Load Dispatch Center, Airoli (MSETCL)

Hourly Load Data As on 09/Jun/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	4531	956	510	5997	933	799	3006	2620	-350	-319	10030	767	10797	2209	13006	49.38
2	4569	756	514	5839	934	1025	2835	2551	-190	-173	10176	768	10944	2048	12992	49.56
3	4600	436	514	5550	932	1038	2666	2564	-70	-57	10027	741	10768	1894	12662	49.61
4	4666	202	518	5386	932	1074	2685	2671	-70	-56	10007	1107	11114	1812	12926	49.77
5	4699	90	516	5305	931	806	2706	2700	-70	-61	9681	1198	10879	1765	12644	49.65
6	4826	310	518	5654	932	915	2725	2619	-70	-64	10056	1421	11477	1781	13258	49.63
7	4943	290	545	5778	931	887	2722	2364	-70	-61	9899	2027	11926	1769	13695	49.73
8	5024	146	543	5713	930	946	2828	2452	-76	-69	9972	1804	11776	1877	13653	49.74
9	4993	176	545	5714	931	774	2847	2723	-76	-68	10074	2332	12406	2081	14487	49.91
10	4939	310	540	5789	930	784	3221	3308	-435	-433	10378	2261	12639	2474	15113	49.84
11	4835	726	539	6100	929	806	3222	3436	-439	-429	10842	2184	13026	2744	15770	49.79
12	4808	685	531	6024	925	551	3315	3618	-539	-526	10592	2912	13504	2843	16347	49.45
13	4920	529	531	5980	914	615	3461	3538	-689	-697	10350	2941	13291	2877	16168	49.40
14	4895	446	534	5875	920	404	3459	3653	-689	-697	10155	3049	13204	2809	16013	49.42
15	4788	542	534	5864	918	468	3457	3552	-689	-666	10136	3069	13205	2849	16054	49.41
16	4754	516	532	5802	922	434	3457	3576	-689	-670	10064	3144	13208	2867	16075	49.50
17	4732	130	525	5387	921	704	3457	3499	-689	-700	9811	3418	13229	2850	16079	49.41
18	4870	190	537	5597	925	727	3336	3489	-589	-581	10157	2934	13091	2716	15807	49.54
19	4895	161	539	5595	928	763	3044	3112	-289	-279	10119	2897	13016	2522	15538	49.82
20	4905	668	531	6104	927	830	3022	3179	-264	-260	10780	3253	14033	2551	16584	49.45
21	4848	1184	508	6540	926	873	3023	3142	-264	-236	11245	3058	14303	2472	16775	49.19
22	4911	1088	517	6516	925	740	3023	3036	-264	-233	10984	2813	13797	2387	16184	49.21
23	4850	1135	580	6565	925	867	3269	3277	-485	-440	11194	1955	13149	2376	15525	49.19
24	4717	1110	634	6461	891	751	3270	3205	-492	-449	10859	1402	12261	2361	14622	49.07
MUs	115.52	12.78	12.84	141.14	22.21	18.58	74.06	73.88	-8.54	-8.22	247.59	53.46	301.04	56.93	357.98	49.53

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/Jun/2009

Position as on 6.30 Hrs of 10/Jun/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
Cent_Sect NTPC(V-10)	500	25/05/2009	08.50		Continued.	Capital overhaul	26/06/2009
Cent_Sect NTPC(K-3)	210	01/06/2009	00.00		Continued.	Annual Overhaul	06/07/2009
Nasik Unit 3	210	07/06/2009	21.37		Continued.	Capital overhaul	18/07/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	01/07/2009
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	25/06/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Tata Trombay 4	150	09/04/2009	02.10		Continued.	W/dn	
Koradi Unit 1	105	21/05/2009	08.49	09/06/2009	01.36	Hot Spot in Windbox.	
Parli Unit 6	250	03/06/2009	06.35		Continued.	Bearing Vibration.	30/06/2009
Cent_Sect Kawas ST1C	116	03/06/2009	16:33		Continued.	Bearing Temp. High	15/06/2009
Cent_Sect NTPC(V-4)	210	07/06/2009	00:34	09/06/2009	03:00	Loss of Excitation.	
Koradi Unit 2	105	07/06/2009	08:19		Continued.	ID Fan Problem	13/06/2009
Cent_Sect TARAPUR-3	540	07/06/2009	18:35		Continued.	Testing Work.	15/06/2009
Koradi Unit 4	115	08/06/2009	09.54		Continued.	Boiler Tube Leakage	13/06/2009
Uran Unit 5	108	08/06/2009	10.55	09/06/2009	20:15	A1 Boiler expansion joint replacement work	
Koyna Unit 8	80	09/06/2009	01.10	09/06/2009	01.40	Excitation Problem	
Uran Unit 3	60	09/06/2009	20:25		Continued.	Gas Restriction	
Dabhol 1X	290	09/06/2009	23:43	10/06/2009	01:20	Vaccume Problem.	
Cent_Sect NTPC(V-2)	210	10/06/2009	02:42	10/06/2009	11:35	Excitation Problem	
Paras Unit 3	250	10/06/2009	15:29	10/06/2009	18:30	Flame Failure	
Paras Unit 2	55	10/06/2009	16:18	10/06/2009	20:07	Reverse Power Protection	
Nasik Unit 2	125	10/06/2009	18:45		Continued.	Coal Mill Problem	13/06/2009

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

Position as on 6.30 Hrs of 10/Jun/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	14/05/2009	14.25		Continued.	H/T FOR O/V
Voltage Level : 400KV			Outage Type TRIPPED		
Wardha - Akola - I	14/05/2009	08.01		Continued.	Tripped on over voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Main Bus -I at Kolhapur	08/06/2009	13.00		Continued.	Maintenance work
Kalwa-Padgha II	09/06/2009	03:06	09/06/2009	18:23	Taken on TBC
Chandrapur-Parli -I	09/06/2009	07:14	09/06/2009	11:04	To attend hot spot
KALWA-LONIKAND	10/06/2009	05:00	10/06/2009	19:18	Insulator Replacement
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Apta-Uran-II	05/06/2009	09.31	09/06/2009	11:45	Tower shifting work
URAN_HOCL	05/06/2009	09:48	09/06/2009	15:24	Tower shifting work
Kharghar - Panvel	09/06/2009	08:17	09/06/2009	18:26	Tan Delta Testing Work.
Girawli - Parly CKT.IV.	09/06/2009	09:03	09/06/2009	19:03	Replacement of Disc contact Pin & Fixing of Arcing Horn.
Ghatghar - Washala	09/06/2009	10:05	09/06/2009	16:45	Maintenance work
Karad - Miraj	09/06/2009	10:15	09/06/2009	15:02	Tan Delta Tests for C.T.
Murud-Bale	09/06/2009	11:45	09/06/2009	14:30	Attending Hot Spot on Y-PH Line side Isolator.
Pedambe - Pophali	10/06/2009	08:05	10/06/2009	14:40	Maintenance work
200MVA,220/132KV ICT at Bale	10/06/2009	10:00	10/06/2009	12:40	R.M.Work.
Karkumbh 220 Kv Main Bus.	10/06/2009	10:30	10/06/2009	16:00	R.M.Work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Mehkar - Malegaon	09/06/2009	09:15	10/06/2009	19:50	Relay Retrofitting Work.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220KV,315MVA ICT-I at Karad	10/06/2009	12:00	10/06/2009	13:30	C.T.,Hot Spot.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	29/05/2009	05.15		Continued.	To increase loading of Akola ICT
Voltage Level : 400KV			Outage Type TRIPPED		
KALWA-LONIKAND	04/06/2009	07.23	09/06/2009	09:58	Tripped on Dist.Prot.
Voltage Level : 220KV			Outage Type TRIPPED		
Pophali-KDPH	09/06/2009	01.10	09/06/2009	02.00	Distance Protection
Vankuswadi-KDPH	09/06/2009	01.10	09/06/2009	01.50	Distance Protection
Bablsr-Ranjangaon	10/06/2009	04:30	10/06/2009	04:50	R-PH, Earth Fault.

State Load Dispatch Center, Airoli (MSETCL)

Details of On Line Capacity for 10/Jun/2009

Generating unit	Derated Capacity (MW)	OLC (MW)	Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi			KDPH	40	0
Unit 1	105	75	VTRNA	60	60
Unit 2	105	0	TILLARI	60	0
Unit 3	105	60	BHTGR/VEER	21	10
Unit 4	105	0	BHIRA T.R.	80	80
Unit 5	200	170	RNGR+BHTSA	20	13
Unit 6	210	150	BHANDARDRA	45	0
Unit 7	210	180	ELDARY	23	0
	1040	635	PAITHAN	12	0
Bhusawal			GHATGHAR	250	0
Unit 1	58	50		611	163
Unit 2	210	170	PENCH (MS)		
Unit 3	210	170	Pench (MS)	53	0
	478	390		53	0
Parli			Wind		
Unit 1	30	20	MalharPeth	0	
Unit 2	30	20	Vankuswadi	0	
Unit 3	210	145	ATIT	0	
Unit 4	210	150	Kale	0	
Unit 5	210	160	Satara	0	
Unit 6	250	0	Shirala	0	
	940	495	K Mahankal	0	
Chandrapur			Supa	0	
Unit 1	210	160	Vita	0	
Unit 2	210	165	Dondaicha	0	
Unit 3	210	210	Sakri	0	
Unit 4	210	150	Nandurbar	0	
Unit 5	500	400	Khadakale	0	
Unit 6	500	400	Khaparale	0	
Unit 7	500	450		0	
	2340	1935	Dabhol		
Paras			RGPPL II	960	887
Unit 2	55	25	RGPPL III	740	0
Unit 3	250	200		1700	887
	305	225	Tata		
Khaparkheda			Trombay 4	150	0
Unit 1	210	170	Trombay 5	500	500
Unit 2	210	170	Trombay 6	500	500
Unit 3	210	170	Trombay 7A	120	120
Unit 4	210	170	Trombay 7B	60	60
	840	680	Trombay 8	250	140
Nasik			TATA Hydro	444	447
Unit 1	120	90		2024	1767
Unit 2	120	70	REL		
Unit 3	210	0	1&2	500	500
Unit 4	210	180		500	500
Unit 5	210	180	Cent Sect		
	870	520	Share	3143	2882
Uran				3143	2882
All Units	852	600			
	852	600			
Koyna					
Stage 1-2	600	600			
Stage 4	1000	250			
Stage 3	320	320			
	1920	1170			
Hydro					
				17616	12849