



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

State Load Dispatch Center, Airoli

Daily system Report

for

03/Jun/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 03/Jun/2009 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	114.005	336.138	1) Madhya Pradesh	70.456	207.024
2) Hydro	9.741	30.246	2) Gujrat	16.574	45.439
3) Gas	15.439	43.840	3) Goa	-6.252	-18.377
Total MSGENCO	139.185	410.224	4) TAPS 1&2 (Inj.)	6.743	20.245
B) OTHERS			5) Pench (Excess)	0.000	0.000
1) RGPPL Gas	22.288	66.938	# Total Cent. Sector	87.521	254.331
2) Wind Generation	15.632	43.865	F) Other Exchanges		
3) PENCH (MS)	0.000	0.000	1) With TPCL	-6.894	-20.273
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	31.482	93.191	1) MSEDCL Bilateral	10.199	25.524
2) TPCL Hydro	5.943	17.945	Include PX	0.000	0.000
TOTAL TPCL	37.425	111.136	2) MUMBAI Bilateral	6.700	19.497
3) REL Thermal	12.574	37.775	Include PX	2.035	4.371
D) STATE			3) MUMBAI Schedule	6.700	19.497
1) Thermal (A1+C1+C3)	158.061	467.104	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	15.684	48.191	1) MSEDCL	257.732	755.085
3) Gas (A3+B1)	37.727	110.778	2) TPCL	37.894	113.025
4) Wind (B2)	15.632	43.865	3) REL	18.997	56.155
TOTAL STATE	227.104	669.938	TOTAL STATE	314.623	924.265

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4826	4830	4563
MSGENCO Hydro	725	218	105
MSGENCO Gas	657	641	653
MSGENCO Total Generation	6208	5689	5321
Central Sector Receipt	3728	3979	3215
RGPPL	930	928	933
WIND	472	819	702
Exchange with TPCL	-515	-240	-78
MSEDCL DEMAND MET	10823	11175	10093
Load Shedding	2930	3212	1239
MSEDCL DEMAND (INCL. LS)	13753	14387	11332
TPCL GENERATION	1699	1792	1225
REL GENERATION	526	521	525
TPCL+REL DEMAND	2740	2553	1828
STATE DEMAND MET	13563	13728	11921
STATE DEMAND (INCL. LS)	16493	16940	13160
Frequency (Hz)	50.07	49.68	50.02
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3771 MW AT 12.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			70.42 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.27 Hz at 18.04 Hrs	49.07 Hz at 23.50 Hrs	49.74	0 % 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 03/Jun/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	1.72	4.82	77	66	75
Unit 3	1.27	3.81	65	24	50
Unit 4	0.00	1.01	0	0	0
Unit 5	3.39	9.70	171	121	140
Unit 6	3.38	9.38	166	24	130
Unit 7	3.62	10.03	172	136	150
	13.38	38.74			545
Bhusawal					
Unit 1	1.12	3.53	54	6	50
Unit 2	3.99	9.57	174	154	160
Unit 3	4.25	12.79	186	171	175
	9.36	25.89			385
Parli					
Unit 1	0.58	1.73	25	23	20
Unit 2	0.53	1.61	24	21	20
Unit 3	3.41	5.86	149	135	140
Unit 4	3.64	10.96	160	143	150
Unit 5	3.96	11.83	178	155	160
Unit 6	0.53	0.56	96	0	100
	12.64	32.54			590
Chandrapur					
Unit 1	3.93	12.07	178	148	165
Unit 2	3.88	11.85	166	151	170
Unit 3	4.44	11.62	206	158	210
Unit 4	4.08	8.03	182	148	170
Unit 5	8.71	26.17	396	316	400
Unit 6	7.56	26.80	415	0	100
Unit 7	9.53	29.21	434	370	350
	42.14	125.75			1565
Paras					
Unit 2	0.52	1.56	24	20	22
Unit 3	4.44	13.34	196	173	180
	4.96	14.90			202
Khaparkheda					
Unit 1	4.53	12.84	205	161	170
Unit 2	1.15	9.35	176	0	170
Unit 3	4.74	12.94	212	167	170
Unit 4	4.79	13.17	216	172	170
	15.21	48.30			680
Nasik					
Unit 1	2.13	6.51	94	73	90
Unit 2	1.60	4.95	81	54	90
Unit 3	4.18	12.72	179	168	170
Unit 4	4.26	13.08	182	163	170
Unit 5	4.15	12.76	177	168	170
	16.31	50.02			690
Uran					
All Units	15.44	43.84	657	619	620
	15.44	43.84			620
Koyna					
Stage 1-2	2.74	7.22	345	40	600
Stage 4	3.99	13.64	790	0	250
Koyna 12&4 Total	6.73	20.86			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.18	4.52	160	0	320
	7.91	25.39			1170
Hydro					
KDPH	0.40	0.55	36	0	36
VTRNA	0.19	0.69	61	0	60
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.36	1.03	15	15	15
BHIRA T.R.	0.24	0.57	82	0	80
RNGR+BHTSA	0.31	0.88	13	13	13
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.18	0	0	0
GHATGHAR	0.26	0.96	125	0	0
	1.83	4.86			204
PENCH (MS)					
Pench (MS)	0.00	0.00	0	0	
	0.00	0.00			
Wind					
MalharPeth	0.48	1.33			
Vankuswadi	1.19	3.31			
ATIT	0.21	0.66			
Kale	0.08	0.24			
Satara	1.05	2.48			
Shirala	0.33	1.03			
K Mahankal	0.09	0.72			
Supa	0.24	0.68			
Vita	2.03	6.05			
Dondaicha	5.31	15.67			
Sakri	2.14	3.93			
Nandurbar	1.01	2.88			
Khadakale	0.69	2.71			
Khaparale	0.79	2.17			
	15.63	43.86			
Dabhol					
RGPP L II	22.29	66.94	934	913	881
RGPP L III		0.00	0	0	
	22.29	66.94			881
Tata					
Trombay 4		0.00	0	0	0
Trombay 5	12.12	36.33	505	505	500
Trombay 6	11.45	33.88	510	340	500
Trombay 7A	2.92	8.65	124	117	120
Trombay 7B	1.63	4.84	68	66	60
Trombay 8	3.37	9.50	144	134	250
TATA Hydro	5.94	17.94	466	2	447
	37.42	111.14			1877
REL					
1&2	12.57	37.78	527	520	500
	12.57	37.78			500
Cent Sect					
Share					3015
					3015

MS PG CL	Thermal	114.00	336.14		4657
	Thml+Gas	129.44	379.98		5277
	Hydro	9.74	30.25		1374
	Total	139.18	410.22		6651
State Total		227.10	669.94		12924

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/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	4742	560	644	5946	933	796	3009	3239	-258	-264	10650	1054	11704	2208	13912	49.57
2	4736	277	646	5659	931	672	2857	3240	-117	-124	10378	1058	11436	2001	13437	49.68
3	4562	146	650	5358	931	711	2811	3337	-70	-78	10259	1085	11344	1888	13232	49.82
4	4563	105	653	5321	933	702	2811	3215	-70	-78	10093	1239	11332	1828	13160	50.02
5	4636	110	653	5399	933	675	2830	3176	-70	-75	10108	1554	11662	1786	13448	49.95
6	4750	215	653	5618	934	580	2882	3491	-70	-80	10543	1699	12242	1807	14049	49.91
7	4769	115	655	5539	933	455	2920	3181	-70	-80	10028	2613	12641	1783	14424	49.98
8	4802	103	653	5558	932	491	3218	3320	-70	-81	10220	2589	12809	1856	14665	49.90
9	4922	109	654	5685	932	538	3216	3427	-70	-91	10491	2757	13248	2093	15341	50.10
10	4819	224	654	5697	929	517	3547	3823	-409	-419	10547	2996	13543	2452	15995	49.86
11	4826	725	657	6208	930	472	3623	3728	-503	-515	10823	2930	13753	2740	16493	50.07
12	4753	789	642	6184	926	471	3604	3946	-503	-492	11035	2865	13900	2821	16721	49.69
13	4736	783	642	6161	913	492	3608	3714	-503	-510	10770	2834	13604	2843	16447	49.42
14	4804	477	632	5913	921	441	3610	3917	-503	-512	10680	3040	13720	2801	16521	49.60
15	4747	574	620	5941	924	559	3640	3948	-526	-515	10857	3053	13910	2837	16747	49.51
16	4760	340	619	5719	920	721	3665	4098	-526	-560	10898	2941	13839	2842	16681	49.41
17	4677	140	632	5449	926	728	3665	4261	-526	-540	10824	3068	13892	2844	16736	49.71
18	4685	97	642	5424	928	833	3531	4029	-423	-416	10798	3092	13890	2693	16583	49.95
19	4800	129	646	5575	930	821	3331	3656	-240	-225	10757	2758	13515	2534	16049	49.98
20	4830	218	641	5689	928	819	3096	3979	-216	-240	11175	3212	14387	2553	16940	49.68
21	4834	550	638	6022	929	840	3072	3827	-169	-181	11437	2945	14382	2494	16876	49.55
22	4855	602	638	6095	930	755	3074	3736	-169	-180	11336	2719	14055	2404	16459	49.47
23	4750	973	643	6366	932	791	3254	3756	-310	-320	11525	2033	13558	2403	15961	49.59
24	4647	1321	632	6600	930	753	3244	3477	-304	-318	11442	1647	13089	2382	15471	49.33
MUs	114.00	9.68	15.44	139.13	22.29	15.63	78.12	87.52	-6.70	-6.89	257.67	57.78	315.46	56.89	372.35	49.74

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 03/Jun/2009

Position as on 6.30 Hrs of 04/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
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	
Tata Trombay 4	150	09/04/2009	02.10		Continued.	W/dn	
Koradi Unit 1	105	21/05/2009	08.49		Continued.	Hot Spot in Windbox.	06/06/2009
Uran Unit 3	60	29/05/2009	01.03		Continued.	Governer Problem	
Cent_Sect TARAPUR-4	540	29/05/2009	12.22	03/06/2009	04.41	Bus fault.	
Koradi Unit 4	115	01/06/2009	22.34	04/06/2009	13.35	Economizer Tube leakage	04/06/2009
Chandrapur Unit 6	500	03/06/2009	02.12	03/06/2009	04.52	Low Vaccume	
Khaparkheda Unit 2	210	03/06/2009	06.30	04/06/2009	01.33	Flame Failure	
Parli Unit 6	250	03/06/2009	06.35		Continued.	Bearing Vibration.	
Bhusawal Unit 1	58	03/06/2009	16.03	03/06/2009	17.47	Station T/F tripped on NDR.	
Koradi Unit 6	210	03/06/2009	23.06		Continued.	Economizer Tube leakage	06/06/2009
Dabhol 1A	230	04/06/2009	05.03	04/06/2009	09.31	Tripped gas monitor fault.	
Dabhol 1X	290	04/06/2009	05.05	04/06/2009	11.01	Tripped gas monitor fault.	
Chandrapur Unit 6	500	04/06/2009	08.02		Continued.	Boiler Tube Leakage	
Tata Trombay 8	250	04/06/2009	15.45	04/06/2009	22.07	Coal Mill Problem	
Tata Trombay 8	250	04/06/2009	22.55		Continued.	Drum Level Low	06/06/2009

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jun/2009

Position as on 6.30 Hrs of 04/Jun/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	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		
400/220KV,315 MVA ICT-I at Kolhapur.	03/06/2009	09.30	03/06/2009	18.03	Q M work & Testing of C-Bus isolator.
M.B.-I @ KHAGHAR	03/06/2009	10.00	03/06/2009	17.48	Outage Q/M
400/220kv 315MVA ICT-II at Kolhapur	04/06/2009	09.58	04/06/2009	17.28	Q.M. WORK
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Bhusawal-Chalisgaon-II	29/05/2009	08.12	03/06/2009	22.43	Line shifting
Kalwa-C'chem	30/05/2009	12.27	03/06/2009	21.12	Tower shifting work
220/110 KV 100 MVA T/F - I @ Kolhapur	01/06/2009	00.10		Continued.	Oil filtration
Chalisgaon-BSL-I	03/06/2009	08.34	03/06/2009	20.42	Line shifting
Khaperkheda - Ambazari - II	03/06/2009	10.14	03/06/2009	17.53	Replacement of remote control switch.
Satara,MIDC-Wankuswadi 2	03/06/2009	11.40	03/06/2009	16.10	Maintenance work
Kandalgaon-Lonand	04/06/2009	06.50	04/06/2009	17.21	Insulator Replacement
Temghar-Colourchem	04/06/2009	07.45	04/06/2009	22.17	Tower shifting work
Jejuri-Jejuri I	04/06/2009	10.41	04/06/2009	13.26	Q.M. WORK
Karad-M'peth	04/06/2009	10.53	04/06/2009	18.16	Connecting T Jumper
Lonikhand-Theur CKT.I	04/06/2009	11.38	04/06/2009	14.10	SMS Work.
Lonikhand-Theur CKT. II	04/06/2009	14.15	04/06/2009	16.05	Retrofitting work.
Voltage Level : 500KV			Outage Type FORCED OUTAGE		
HVDC POLE I -CHDPR	04/06/2009	16.19	04/06/2009	20.22	Faulty thyristor replacement.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/66 KV, 50 MVA ICT-I At Warora	04/06/2009	19.30		Continued.	Tripped on Diff.Prot.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	29/05/2009	05.15		Continued.	To increase loading of Akola ICT
BHENDA-BBLSWR	03/06/2009	09.02	03/06/2009	18.35	H/T to control ICT Loading at BBLSR.
Voltage Level : 400KV			Outage Type TRIPPED		
STG IV-New Koyna-II	04/06/2009	05.10	04/06/2009	06.39	Tripped ,Dist.Prot.
KALWA-LONIKAND	04/06/2009	07.23		Continued.	Tripped on Dist.Prot.
Padgha-Lonikhand	04/06/2009	07.25	04/06/2009	08.33	C.V.T. fuse failure at Padgha
PADGHA-KHARGHAR	04/06/2009	07.26		Continued.	Tripped on Dist.Prot.
Voltage Level : 220KV			Outage Type TRIPPED		
Wada-Kolshet	04/06/2009	06.33	04/06/2009	08.05	Tripped on Dist.Prot.
Trombay-Nerul	04/06/2009	08.18	04/06/2009	18.54	Tripped on Dist.Prot.
Tifil-Trombay	04/06/2009	12.40	04/06/2009	13.14	Tripped on Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jun/2009

Position as on 6.30 Hrs of 04/Jun/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Gadchandur-Virur-I	04/06/2009	20.36	04/06/2009	20.59	Tripped on Dist.Prot.
Gadchandur-Virur-II	04/06/2009	20.36	04/06/2009	21.25	Tripped on Dist.Prot.Y Ph. E/F Zone II
Voltage Level : 132KV			Outage Type TRIPPED		
Bhusawal-Yawal Ckt.	04/06/2009	13.51	04/06/2009	18.26	Tripped on Dist.Prot.'Y'Ph.C.T.Jumper Broken.
null					
Voltage Level : 220KV			Outage Type TRIPPED		
Chandrapur MIDC - Gadchandur	04/06/2009	20.55	04/06/2009	21.10	Tripped on dist.prot.R Ph.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 04/Jun/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	75
Unit 3	105	50
Unit 4	105	0
Unit 5	200	150
Unit 6	210	0
Unit 7	210	150
	1040	425
Bhusawal		
Unit 1	58	50
Unit 2	210	170
Unit 3	210	175
	478	395
Parli		
Unit 1	30	0
Unit 2	30	20
Unit 3	210	140
Unit 4	210	150
Unit 5	210	160
Unit 6	250	0
	940	470
Chandrapur		
Unit 1	210	165
Unit 2	210	160
Unit 3	210	210
Unit 4	210	180
Unit 5	500	400
Unit 6	500	425
Unit 7	500	450
	2340	1990
Paras		
Unit 2	55	20
Unit 3	250	180
	305	200
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	170
Unit 4	210	170
	840	680
Nasik		
Unit 1	120	90
Unit 2	120	60
Unit 3	210	170
Unit 4	210	170
Unit 5	210	170
	870	660
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	60
TILLARI	60	0
BHTGR/VEER	21	15
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	214
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		
RGPPPL II	960	600
RGPPPL III	740	
	1700	600
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	140
TATA Hydro	444	447
	2024	1767
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3166
	3143	3166