



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

State Load Dispatch Center, Airoli

Daily system Report

for

06/Jun/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 06/Jun/2009 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	110.433	660.689	1) Madhya Pradesh	68.882	410.882
2) Hydro	10.379	66.573	2) Gujrat	13.658	87.765
3) Gas	13.656	87.851	3) Goa	-4.931	-35.511
Total MSGENCO	134.468	815.113	4) TAPS 1&2 (Inj.)	6.696	40.398
B) OTHERS			5) Pench (Excess)	-0.105	-0.105
1) RGPPL Gas	22.248	131.602	# Total Cent. Sector	84.200	503.429
2) Wind Generation	12.536	86.428	F) Other Exchanges		
3) PENCH (MS)	0.105	0.105	1) With TPCL	-9.468	-49.523
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	28.570	180.554	1) MSEDCL Bilateral	7.349	48.270
2) TPCL Hydro	3.291	30.878	Include PX	0.000	0.110
TOTAL TPCL	31.861	211.432	2) MUMBAI Bilateral	9.585	47.657
3) REL Thermal	12.566	75.462	Include PX	3.722	14.280
D) STATE			3) MUMBAI Schedule	9.585	48.782
1) Thermal (A1+C1+C3)	151.569	916.705	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	13.775	97.556	1) MSEDCL	244.089	1487.259
3) Gas (A3+B1)	35.904	219.453	2) TPCL	35.547	223.553
4) Wind (B2)	12.536	86.428	3) REL	18.344	112.862
TOTAL STATE	213.784	1320.142	TOTAL STATE	297.980	1823.674

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	4736	4775	4333
MSGENCO Hydro	660	276	654
MSGENCO Gas	634	499	619
MSGENCO Total Generation	6030	5550	5606
Central Sector Receipt	3469	3458	3350
RGPPL	926	926	930
WIND	464	473	478
Exchange with TPCL	-475	-319	-176
MSEDCL DEMAND MET	10414	10100	10188
Load Shedding	2250	2882	1189
MSEDCL DEMAND (INCL. LS)	12664	12982	11377
TPCL GENERATION	1501	1558	1198
REL GENERATION	524	522	525
TPCL+REL DEMAND	2500	2399	1899
STATE DEMAND MET	12914	12499	12087
STATE DEMAND (INCL. LS)	15164	15381	13276
Frequency (Hz)	49.94	49.63	49.97
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3271 MW At 12.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			61.11 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.51 Hz at 19.03 Hrs	49.18 Hz at 23.22 Hrs	49.87	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 06/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	1.53	10.44	206	0	320	
Unit 1	0.00	0.00	0	0	0		9.26	57.85			1170	
Unit 2	0.94	8.30	55	23	50	Hydro						
Unit 3	0.73	6.65	50	11	40	KDPH	0.00	0.55	0	0	0	
Unit 4	0.74	3.18	46	10	30	VTRNA	0.20	1.24	61	0	61	
Unit 5	4.00	21.58	177	158	170	TILLARI	0.00	0.00	0	0	0	
Unit 6	0.00	9.38	0	0	0	BHTGR/VEER	0.22	1.88	9	9	15	
Unit 7	4.36	22.88	199	157	180	BHIRA T.R.	0.23	1.43	64	0	80	
	10.78	71.97			470	RNGR+BHTSA	0.28	1.67	12	11	13	
Bhusawal						BHANDARDRA	0.00	0.00	0	0	0	
Unit 1	1.26	7.27	53	50	50	ELDARY	0.00	0.00	0	0	0	
Unit 2	4.07	21.64	174	164	170	PAITHAN	0.06	0.35	10	0	0	
Unit 3	4.14	25.50	178	170	175	GHATGHAR	0.14	1.62	125	0	0	
	9.47	54.41			395		1.12	8.73			169	
Parli						PENCH (MS)						
Unit 1	0.58	2.89	25	23	20	Pench (MS)	0.10	0.10	24	0		
Unit 2	0.54	3.24	24	21	20		0.10	0.10				
Unit 3	3.50	16.31	149	142	140	Wind						
Unit 4	3.74	22.11	158	152	150	MalharPeth	0.20	2.40				
Unit 5	4.02	23.77	170	160	160	Vankuswadi	0.43	5.63				
Unit 6	0.00	0.58	0	0	0	ATIT	0.08	1.29				
	12.38	68.90			490	Kale	0.14	0.54				
Chandrapur						Satara	0.16	3.58				
Unit 1	4.09	24.23	178	155	170	Shirala	0.12	1.83				
Unit 2	3.99	23.65	169	164	165	K Mahankal	0.15	1.78				
Unit 3	4.66	24.69	208	171	180	Supa	0.12	1.16				
Unit 4	3.86	19.71	173	150	160	Vita	0.70	11.31				
Unit 5	8.45	52.81	390	299	400	Dondaicha	7.31	35.10				
Unit 6	6.09	36.00	391	0	100	Sakri	1.14	6.97				
Unit 7	10.30	60.53	452	404	450	Nandurbar	1.10	6.30				
	41.44	241.63			1625	Khadakale	0.30	4.40				
Paras						Khaparale	0.59	4.14				
Unit 2	0.35	2.91	23	0	0		12.54	86.43				
Unit 3	4.88	26.45	246	174	180	Dabhol						
	5.23	29.36			180	RGPPPL II	22.25	131.60	931	924	875	
Khaparkheda						RGPPPL III	0.00	0.00	0	0		
Unit 1	4.78	26.19	203	195	200		22.25	131.60			875	
Unit 2	4.64	21.92	200	185	190	Tata						
Unit 3	0.00	19.83	0	0	0	Trombay 4	0.00	0.00	0	0	0	
Unit 4	4.82	26.76	211	171	205	Trombay 5	12.12	72.66	505	505	500	
	14.25	94.71			595	Trombay 6	11.93	69.26	510	410	500	
Nasik						Trombay 7A	2.91	17.29	125	113	110	
Unit 1	2.05	12.41	90	78	85	Trombay 7B	1.61	9.65	68	65	70	
Unit 2	1.51	8.95	75	50	70	Trombay 8	0.00	11.69	0	0	0	
Unit 3	4.50	26.14	202	170	185	TATA Hydro	3.29	30.88	414	2	447	
Unit 4	4.49	26.43	199	154	185		31.86	211.43			1627	
Unit 5	4.34	25.79	189	172	175	REL						
	16.89	99.71			700	1&2	12.57	75.46	527	521	500	
Uran							12.57	75.46			500	
All Units	13.66	87.85	639	486	630	Cent Sect						
	13.66	87.85			630	Share					3067	
Koyna											3067	
Stage 1-2	1.84	14.99	375	40	600							
Stage 4	5.88	32.42	870	0	250							
Koyna 12&4 Total	7.72	47.41			850							
							MS	Thermal	110.43	660.69		4455
							PG	Thml+Gas	124.09	748.54		5085
							CL	Hydro	10.38	66.57		1339
								Total	134.47	815.11		6424
							State Total		213.78	1320.14		12493

State Load Dispatch Center, Airoli (MSETCL)

Hourly Load Data As on 06/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	4376	1104	614	6094	929	491	3224	3405	-496	-493	10436	1155	11591	2225	13816	49.59
2	4342	844	618	5804	931	471	3015	3395	-327	-319	10282	1159	11441	2053	13494	49.81
3	4333	654	619	5606	930	478	2872	3350	-181	-176	10188	1189	11377	1899	13276	49.97
4	4303	430	619	5352	929	485	2816	3436	-125	-119	10083	1445	11528	1814	13342	50.00
5	4283	358	518	5159	929	680	2817	3492	-125	-118	10142	1559	11701	1790	13491	49.97
6	4329	318	486	5133	928	726	2817	3615	-125	-120	10282	1752	12034	1791	13825	49.95
7	4450	60	562	5072	926	441	2813	3332	-125	-122	9649	2636	12285	1752	14037	50.05
8	4564	65	584	5213	926	571	3029	3156	-125	-126	9740	2800	12540	1816	14356	50.14
9	4713	141	639	5493	925	557	3037	3174	-125	-127	10022	2723	12745	1954	14699	50.12
10	4763	424	638	5825	927	498	3372	3342	-469	-475	10117	2379	12496	2312	14808	50.07
11	4736	660	634	6030	926	464	3410	3469	-469	-475	10414	2250	12664	2500	15164	49.94
12	4757	908	583	6248	926	451	3413	3524	-469	-478	10671	2337	13008	2620	15628	49.84
13	4737	1082	510	6329	924	514	3681	3645	-732	-727	10685	2362	13047	2669	15716	49.91
14	4698	781	507	5986	926	441	3615	3868	-666	-671	10550	2430	12980	2534	15514	49.92
15	4734	563	507	5804	925	484	3661	3904	-713	-710	10407	2605	13012	2610	15622	49.89
16	4702	317	507	5526	925	526	3673	3757	-727	-721	10035	2483	12518	2606	15124	49.84
17	4682	81	509	5272	925	706	3603	3767	-657	-661	10033	2144	12177	2560	14737	49.94
18	4718	66	516	5300	927	640	3280	3713	-549	-546	10047	1814	11861	2453	14314	50.12
19	4784	89	513	5386	927	499	3057	3392	-350	-343	9885	2129	12014	2294	14308	49.91
20	4775	276	499	5550	926	473	3157	3458	-328	-319	10100	2882	12982	2399	15381	49.63
21	4696	361	563	5620	928	597	3143	3181	-281	-256	10070	2661	12731	2375	15106	49.75
22	4699	147	638	5484	928	483	3145	3327	-281	-257	9965	2521	12486	2290	14776	49.54
23	4647	237	637	5521	926	421	3471	3725	-563	-552	10041	1690	11731	2290	14021	49.51
24	4609	413	636	5658	929	440	3487	3769	-579	-557	10239	1410	11649	2289	13938	49.49
MUs	110.43	10.38	13.66	134.46	22.25	12.54	77.61	84.20	-9.59	-9.47	244.08	50.52	294.60	53.90	348.49	49.87

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 06/Jun/2009

Position as on 6.30 Hrs of 07/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.	Boiler Tube Leakage	07/07/2009
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	
Uran Unit 3	60	29/05/2009	01.03	06/06/2009	11.20	Governer Problem	
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
Koradi Unit 6	210	03/06/2009	23.06	07/06/2009	01.20	Economizer Tube leakage	
Chandrapur Unit 6	500	04/06/2009	08.02	06/06/2009	05:11	Boiler Tube Leakage	
Tata Trombay 8	250	04/06/2009	22.55	07/06/2009	02.05	Drum Level Low	
Khaparkheda Unit 3	210	05/06/2009	15.41	07/06/2009	02.06	Economizer Tube leakage	
Paras Unit 2	55	06/06/2009	05.14	06/06/2009	13.07	Turbine Trip.	
Uran Unit 6	108	06/06/2009	11.58	06/06/2009	19.18	Gas Restriction	
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

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Jun/2009

Position as on 6.30 Hrs of 07/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
Wardha - Akola - II	06/06/2009	19.03	06/06/2009	19.44	TRIPPED ON O/V
Seoni-Wardha-1	06/06/2009	19.03	06/06/2009	19.29	TRIPPED ON O/V
IntraState					
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		Continued.	Tower shifting work
URAN_HOCL	05/06/2009	09:48		Continued.	Tower shifting work
Kandalgaon-Lonand	06/06/2009	06.21	06/06/2009	17.30	Insulator Replacement
Nagothane-Warkhal-I	06/06/2009	09.39	06/06/2009	16.27	Q.M. WORK
Pedambe - Pophali	07/06/2009	08.20	07/06/2009	14.55	Premansoon Maintenance Work.
220/33 KV 100 MVA - II @ Aarey	07/06/2009	08.22	07/06/2009	16.48	Maintanance work
KALWA-SALSETE-III	07/06/2009	09.01	07/06/2009	15.54	Maintanance work
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Miraj -Ichalkarajni	06/06/2009	10.07	06/06/2009	14.35	Wave Trap sparking.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	29/05/2009	05.15		Continued.	To increase loading of Akola ICT
Parbhani-Pusad	05/06/2009	18:08	06/06/2009	10.11	H/T For Line Loading.
Voltage Level : 400KV			Outage Type TRIPPED		
KALWA-LONIKAND	04/06/2009	07.23		Continued.	Tripped on Dist.Prot.
PADGHA-KHARGHAR	04/06/2009	07.26	07/06/2009	22.01	Tripped on Dist.Prot.
BBLSR-BHUSAWAL	05/06/2009	17.52	06/06/2009	13.24	Dist.Prot.Y Ph-E.
Padgha-Lonikhand	06/06/2009	01.52	06/06/2009	16.11	Distance Protection
Padgha-Nagothane-II	06/06/2009	05:35	06/06/2009	06:16	TRIPPED ON O/V
Voltage Level : 220KV			Outage Type TRIPPED		
Wardha - Yawatmal	05/06/2009	17.40	06/06/2009	09.54	Distance Protection
125 MVA ICT-II@ BORIVALI	06/06/2009	01.05	06/06/2009	16.05	Transformer Internal Fault.
Kharepatan-Pawas	06/06/2009	14.05	06/06/2009	15.30	Tripped on Dist.Prot.
PEDAMBE-MAHAD	06/06/2009	14.15	06/06/2009	14.35	Tripped on Dist.Prot.
Theur-Phursungi-I	06/06/2009	19.25	07/06/2009	11.28	Tripped on Dist.Prot.
Tifil-Trombay	07/06/2009	11.14	07/06/2009	12.55	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		
Theur - Phursungi	06/06/2009	19.17	06/06/2009	19.35	Tripped on Dist.Prot.

State Load Dispatch Center, Airoli (MSETCL)

Details of On Line Capacity for 07/Jun/2009

Generating unit	Derated Capacity (MW)	OLC (MW)	Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi			KDPH	40	0
Unit 1	105	0	VTRNA	60	61
Unit 2	105	50	TILLARI	60	0
Unit 3	105	40	BHTGR/VEER	21	15
Unit 4	105	40	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	630	PAITHAN	12	0
Bhusawal			GHATGHAR	250	0
Unit 1	58	50	611	169	
Unit 2	210	170	PENCH (MS)		
Unit 3	210	175	Pench (MS)	53	
	478	395	53		
Parli			Wind		
Unit 1	30	20	MalharPeth	0	
Unit 2	30	20	Vankuswadi	0	
Unit 3	210	140	ATIT	0	
Unit 4	210	150	Kale	0	
Unit 5	210	160	Satara	0	
Unit 6	250	0	Shirala	0	
	940	490	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	170	Nandurbar	0	
Unit 5	500	380	Khadakale	0	
Unit 6	500	425	Khaparale	0	
Unit 7	500	450	0		
	2340	1960	Dabhol		
Paras			RGPPL II	960	890
Unit 2	55	22	RGPPL III	740	
Unit 3	250	180	1700	890	
	305	202	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	110
Unit 4	210	170	Trombay 7B	60	70
	840	680	Trombay 8	250	250
Nasik			TATA Hydro	444	447
Unit 1	120	90	2024	1877	
Unit 2	120	70	REL		
Unit 3	210	180	1&2	500	500
Unit 4	210	180	500	500	
Unit 5	210	180	Cent Sect		
	870	700	Share	3143	3193
Uran			3143	3193	
All Units	852	630			
	852	630			
Koyna					
Stage 1-2	600	600			
Stage 4	1000	250			
Stage 3	320	320			
	1920	1170			
Hydro					
				17616	13486