



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

State Load Dispatch Center, Airoli

Daily system Report

for

12/Jun/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 12/Jun/2009 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	106.360	1329.445	1) Madhya Pradesh	63.018	800.674
2) Hydro	13.377	145.981	2) Gujrat	13.134	142.886
3) Gas	15.223	173.990	3) Goa	-6.203	-69.494
Total MSGENCO	134.960	1649.416	4) TAPS 1&2 (Inj.)	6.656	80.401
B) OTHERS			5) Pench (Excess)	-0.107	-0.745
1) RGPPL Gas	22.064	264.044	# Total Cent. Sector	76.498	953.722
2) Wind Generation	16.336	189.001	F) Other Exchanges		
3) PENCH (MS)	0.107	0.745	1) With TPCL	-8.297	-95.610
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	31.312	366.766	1) MSEDCL Bilateral	9.414	93.341
2) TPCL Hydro	4.729	53.610	Include PX	0.758	1.329
TOTAL TPCL	36.041	420.376	2) MUMBAI Bilateral	8.471	95.174
3) REL Thermal	12.570	150.876	Include PX	3.436	33.626
D) STATE			3) MUMBAI Schedule	8.471	96.574
1) Thermal (A1+C1+C3)	150.242	1847.087	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	18.213	200.336	1) MSEDCL	241.668	2962.063
3) Gas (A3+B1)	37.287	438.034	2) TPCL	37.838	441.409
4) Wind (B2)	16.336	189.001	3) REL	19.070	225.440
TOTAL STATE	222.078	2674.458	TOTAL STATE	298.576	3628.912

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	4561	4487	4194
MSGENCO Hydro	248	1191	515
MSGENCO Gas	624	644	615
MSGENCO Total Generation	5433	6322	5324
Central Sector Receipt	3146	3072	3179
RGPPL	921	889	925
WIND	724	737	732
Exchange with TPCL	-432	-236	-49
MSEDCL DEMAND MET	9792	10808	10111
Load Shedding	3569	3255	861
MSEDCL DEMAND (INCL. LS)	13361	14063	10972
TPCL GENERATION	1777	1725	1328
REL GENERATION	523	521	524
TPCL+REL DEMAND	2732	2482	1901
STATE DEMAND MET	12524	13290	12012
STATE DEMAND (INCL. LS)	16093	16545	12873
Frequency (Hz)	49.57	49.42	49.39
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3906 MW At 12.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			70.20 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.28 Hz at 07.04 Hrs	48.8 Hz at 23.05 Hrs	49.48	3.1 % 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 12/Jun/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.84	7.29	82	63	80
Unit 2	0.00	8.73	0	0	0
Unit 3	1.14	13.91	58	39	60
Unit 4	0.82	4.86	57	0	50
Unit 5	3.69	43.48	173	127	170
Unit 6	0.00	24.92	0	0	0
Unit 7	3.86	46.42	191	134	180
	11.36	149.61			540
Bhusawal					
Unit 1	1.26	14.56	56	44	50
Unit 2	3.99	45.55	173	159	170
Unit 3	4.22	50.19	182	170	175
	9.47	110.30			395
Parli					
Unit 1	0.58	6.33	25	23	20
Unit 2	0.52	6.39	22	20	20
Unit 3	3.48	37.58	153	135	140
Unit 4	3.71	44.81	161	150	150
Unit 5	4.24	48.31	186	160	165
Unit 6	0.00	0.58	0	0	0
	12.52	144.01			495
Chandrapur					
Unit 1	4.04	48.11	172	166	170
Unit 2	3.84	46.80	169	153	170
Unit 3	4.73	49.68	207	184	210
Unit 4	2.89	40.34	148	96	170
Unit 5	8.94	107.13	408	308	400
Unit 6	9.21	92.11	436	345	400
Unit 7	9.67	119.35	460	355	400
	43.33	503.52			1920
Paras					
Unit 2	0.54	6.56	25	18	22
Unit 3	2.14	50.67	198	0	165
	2.68	57.23			187
Khaparkheda					
Unit 1	4.20	51.24	193	166	170
Unit 2	4.26	47.19	194	170	170
Unit 3	4.22	44.31	201	169	170
Unit 4	4.24	51.92	200	168	170
	16.93	194.66			680
Nasik					
Unit 1	1.82	22.74	87	64	70
Unit 2	0.00	14.18	0	0	0
Unit 3	0.00	30.08	0	0	0
Unit 4	4.10	52.47	203	143	190
Unit 5	4.16	50.63	191	165	170
	10.08	170.11			430
Uran					
All Units	15.22	173.99	653	614	620
	15.22	173.99			620
Koyna					
Stage 1-2	2.65	32.36	430	35	600
Stage 4	5.76	70.25	1120	0	250
Kovna 12&4 Total	8.42	102.60			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.85	22.80	292	0	320
	10.27	125.40			1170
Hydro					
KDPH	0.78	2.54	33	32	36
VTRNA	0.42	3.24	61	0	61
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.31	3.43	13	13	13
BHIRA T.R.	0.25	2.58	84	0	80
RNGR+BHTSA	0.25	3.28	11	10	11
BHANDARDRA	0.35	1.16	15	14	0
ELDARY		0.00	0	0	0
PAITHAN	0.03	0.62	9	0	10
GHATGHAR	0.72	3.75	120	0	0
	3.11	20.58			211
PENCH (MS)					
Pench (MS)	0.11	0.74	24	0	
	0.11	0.74			
Wind					
MalharPeth	0.44	5.28			
Vankuswadi	1.10	13.01			
ATIT	0.18	2.64			
Kale	0.31	1.35			
Satara	0.47	8.71			
Shirala	0.31	4.11			
K Mahankal	0.28	3.41			
Supa	0.28	2.62			
Vita	2.31	23.70			
Dondaicha	6.74	79.87			
Sakri	1.17	14.48			
Nandurbar	0.98	12.34			
Khadakale	1.05	9.14			
Khaparale	0.71	8.34			
	16.34	189.00			
Dabhol					
RGPP L II	22.06	264.04	928	889	887
RGPP L III	0.00	0.00	0	0	
	22.06	264.04			887
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.10	145.24	505	485	500
Trombay 6	11.74	136.52	510	375	500
Trombay 7A	2.90	34.73	123	118	120
Trombay 7B	1.61	19.30	68	66	60
Trombay 8	2.97	30.98	153	41	140
TATA Hydro	4.73	53.61	466	2	447
	36.04	420.38			1767
REL					
1&2	12.57	150.88	526	521	500
	12.57	150.88			500
Cent Sect					
Share					2947
					2947

MS PG CL	Thermal	106.36	1329.44		4647
	Thml+Gas	121.58	1503.44		5267
	Hydro	13.38	145.98		1381
	Total	134.96	1649.42		6648
State Total		222.08	2674.46		12749

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 12/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	4204	1291	614	6109	927	529	3201	3286	-364	-363	10496	845	11341	2239	13580	49.39
2	4225	656	614	5495	925	722	2987	3319	-172	-169	10292	849	11141	2043	13184	49.34
3	4194	515	615	5324	925	732	2799	3179	-54	-49	10111	861	10972	1901	12873	49.39
4	4206	400	622	5228	928	702	2799	2990	-54	-47	9801	1335	11136	1840	12976	49.75
5	4230	400	620	5250	927	751	2802	3126	-54	-40	10014	1450	11464	1766	13230	49.59
6	4327	403	630	5360	925	619	2802	3106	-54	-65	9945	1706	11651	1789	13440	49.37
7	4522	155	653	5330	927	589	2807	2530	-54	-37	9339	2775	12114	1793	13907	49.72
8	4618	176	652	5446	927	606	2912	2833	-54	-56	9756	2529	12285	1888	14173	49.68
9	4653	172	651	5476	924	652	2910	2895	-54	-51	9896	2861	12757	2053	14810	49.73
10	4526	106	645	5277	923	677	3241	3142	-421	-435	9584	3495	13079	2566	15645	49.62
11	4561	248	624	5433	921	724	3339	3146	-421	-432	9792	3569	13361	2732	16093	49.57
12	4516	475	633	5624	917	525	3259	3403	-515	-523	9946	3564	13510	2846	16356	49.47
13	4499	595	630	5724	912	528	3366	3433	-637	-625	9972	3484	13456	2832	16288	49.35
14	4472	533	630	5635	913	530	3391	3301	-637	-626	9753	3438	13191	2727	15918	49.30
15	4490	381	628	5499	911	536	3469	3435	-703	-699	9682	3446	13128	2834	15962	49.32
16	4478	253	630	5361	913	699	3556	3550	-703	-730	9793	3353	13146	2864	16010	49.31
17	4409	146	633	5188	916	778	3368	3628	-703	-729	9781	3391	13172	2821	15993	49.37
18	4502	174	642	5318	921	796	3071	3283	-511	-515	9809	3056	12865	2725	15590	49.65
19	4464	181	646	5291	923	930	2895	3002	-340	-338	9830	3159	12989	2562	15551	49.70
20	4621	438	646	5705	925	762	2933	3201	-274	-271	10345	3417	13762	2562	16324	49.65
21	4487	1191	644	6322	889	737	2933	3072	-273	-236	10808	3255	14063	2482	16545	49.42
22	4484	1153	640	6277	896	732	2935	3094	-329	-253	10770	3015	13785	2352	16137	49.26
23	4335	1685	640	6660	924	689	3170	3298	-523	-469	11102	1702	12804	2339	15143	49.22
24	4337	1650	641	6628	925	791	3230	3246	-566	-539	11051	1202	12253	2352	14605	49.24
MUs	106.36	13.38	15.22	134.96	22.06	16.34	74.18	76.50	-8.47	-8.30	241.67	61.76	303.42	56.91	360.33	49.48

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 12/Jun/2009

Position as on 6.30 Hrs of 13/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	
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 2	105	07/06/2009	08:19		Continued.	ID Fan Problem	26/06/2009
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	12/06/2009	06.04	Boiler Tube Leakage	
Uran Unit 3	60	09/06/2009	20:25		Continued.	Gas Restriction	
Nasik Unit 2	125	10/06/2009	18:45		Continued.	Coal Mill Problem	16/06/2009
Cent_Sect NTPC(V-3)	210	11/06/2009	00:14	12/06/2009	12.00	Boiler Tube Leakage	15/06/2009
Koradi Unit 6	210	11/06/2009	06.44		Continued.	Boiler Tube Leakage	14/06/2009
Paras Unit 3	250	12/06/2009	00.14	12/06/2009	06.10	Tripped stn.supply fail.	
Paras Unit 3	250	12/06/2009	18.00	12/06/2009	23.40	STN.T/F Tripped.	
Dabhol 3B	230	13/06/2009	03.11	13/06/2009	06.01	Gen Diff. Lockout.	
Dabhol 3X	290	13/06/2009	03.14	13/06/2009	06.01	Gen Diff. Lockout.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Jun/2009

Position as on 6.30 Hrs of 13/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
Wardha - Akola - II	12/06/2009	22.51		Continued.	Hand Tripped to Control O/V.
Voltage Level : 400KV			Outage Type TRIPPED		
Wardha - Akola - I	14/05/2009	08.01	13/06/2009	14.27	Tripped on over voltage
Wardha - Akola - II	12/06/2009	19.02	12/06/2009	21.46	Tripped on Over Voltage.
Seoni - Wardha	12/06/2009	19.02	12/06/2009	21.52	Tripped on Over Voltage.
Seoni - Wardha	12/06/2009	21.52	13/06/2009	13.56	Tripped on Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
BBLSR-BHUSAWAL	12/06/2009	09.56	12/06/2009	15.40	For Outage on Koradi-Bhusawal
Koradi - Bhusawal	12/06/2009	11.10	12/06/2009	15.34	Cut Point Jumper Work.
400/220KV ICT-II at New Koyna	13/06/2009	08.13	13/06/2009	20.00	Painting and hot spot work.
KALWA-LONIKAND	13/06/2009	09.31	13/06/2009	15.30	B Ph.C.T.replacement.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
K'gaon-Lonand	12/06/2009	06.20	12/06/2009	16.24	Insulator Replacement
Padgha-Wada	12/06/2009	08.42	12/06/2009	17.01	Bay maintenance
TARAPUR-BORIVALI	12/06/2009	09.15	12/06/2009	20.20	Bay Maintenance work.
Main Bus @ Tillary.	12/06/2009	09.25	12/06/2009	19.10	Bus P.T.Oil Topup.
Main Bus @ Temghar	12/06/2009	19.10	13/06/2009	01:49	Jumpering work and Maint
K'gaon-Lonand	13/06/2009	06.15	13/06/2009	16.52	Insulator Replacement
220/132kv,200 MVA ICT-II at Nagar.	13/06/2009	09.30	13/06/2009	13.00	Q.M. WORK
C'pur-Sicom-I	13/06/2009	09.55	13/06/2009	12.06	Line signature Test.
Padgha-Boiser	13/06/2009	11.15	13/06/2009	19.03	Line Tap to Nalasopara.
Uran -Apta-III	13/06/2009	11.22		Continued.	Relocating and dismenteling work,
Apta-Uran-IV	13/06/2009	11.22		Continued.	Relocating and dismenteling work,
C'pur-Sicom-II	13/06/2009	12.17	13/06/2009	14.16	Line signature Test.
Voltage Level : 100KV			Outage Type FORCED OUTAGE		
Kalwa-Kalyan	13/06/2009	14.19	13/06/2009	17.01	Maint.work
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	29/05/2009	05.15	12/06/2009	00.18	To increase loading of Akola ICT
Wardha--Dhamangaon	11/06/2009	07.38	12/06/2009	18.12	To increase loading of Akola ICT
Dhamangaon-wardha	13/06/2009	14.45		Continued.	H/T to increase load on Akola ICT.
Voltage Level : 220KV			Outage Type TRIPPED		
50 MVA 220/6.6 KV Stn T/F @ New Paras	12/06/2009	00.03	12/06/2009	01.49	Breaker Problem
Wardha-Bhugaon	12/06/2009	06.49	12/06/2009	18.08	L A Jumper @ B ph Removed.
Butibori - Wardha	12/06/2009	06.49	12/06/2009	06.55	Tripped ,Dist.Prot.
50 MVA 220/6.6 KV Stn T/F @ New Paras	12/06/2009	18.00	12/06/2009	20.28	Breaker Problem
Voltage Level : 132KV			Outage Type TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Jun/2009

Position as on 6.30 Hrs of 13/Jun/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Ambazari-Khaperkheda ckt.I	11/06/2009	17.45		Continued.	Tripped on Back up Prot.
Ambazari-Khaperkheda ckt.II	11/06/2009	17.45		Continued.	Tripped on Dist.Prot.
Girvli-Gangakhed	12/06/2009	18.02		Continued.	Tripped ,Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 13/Jun/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	0
Unit 3	105	65
Unit 4	105	70
Unit 5	200	160
Unit 6	210	0
Unit 7	210	170
	1040	535
Bhusawal		
Unit 1	58	50
Unit 2	210	170
Unit 3	210	175
	478	395
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	140
Unit 4	210	150
Unit 5	210	160
Unit 6	250	0
	940	490
Chandrapur		
Unit 1	210	170
Unit 2	210	165
Unit 3	210	210
Unit 4	210	170
Unit 5	500	400
Unit 6	500	400
Unit 7	500	450
	2340	1965
Paras		
Unit 2	55	25
Unit 3	250	175
	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	0
Unit 3	210	0
Unit 4	210	190
Unit 5	210	170
	870	450
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	0
BHTGR/VEER	21	11
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	15
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	216
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	880
RGPPPL III	740	
	1700	880
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	125
TATA Hydro	444	447
	2024	1752
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3078
	3143	3078