



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

State Load Dispatch Center, Airoli

Daily system Report

for

10/Jun/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 10/Jun/2009 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	113.446	1116.032	1) Madhya Pradesh	65.585	673.217
2) Hydro	21.180	112.056	2) Gujrat	9.066	119.089
3) Gas	14.989	144.166	3) Goa	-6.209	-56.867
Total MSGENCO	149.615	1372.254	4) TAPS 1&2 (Inj.)	6.654	67.102
B) OTHERS			5) Pench (Excess)	-0.108	-0.496
1) RGPPL Gas	21.517	220.005	# Total Cent. Sector	74.988	802.045
2) Wind Generation	14.398	157.520	F) Other Exchanges		
3) PENCH (MS)	0.108	0.496	1) With TPCL	-7.984	-78.904
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	31.636	304.102	1) MSEDCL Bilateral	5.676	77.431
2) TPCL Hydro	4.641	44.327	Include PX	0.000	0.535
TOTAL TPCL	36.277	348.429	2) MUMBAI Bilateral	8.433	78.135
3) REL Thermal	12.566	125.783	Include PX	3.949	27.607
D) STATE			3) MUMBAI Schedule	8.433	79.535
1) Thermal (A1+C1+C3)	157.648	1545.917	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	25.929	156.879	1) MSEDCL	252.642	2473.912
3) Gas (A3+B1)	36.506	364.171	2) TPCL	37.275	366.120
4) Wind (B2)	14.398	157.520	3) REL	19.552	186.986
TOTAL STATE	234.481	2224.487	TOTAL STATE	309.469	3027.018

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4739	4843	4767
MSGENCO Hydro	1097	1408	219
MSGENCO Gas	632	626	638
MSGENCO Total Generation	6468	6877	5624
Central Sector Receipt	3112	2949	2609
RGPPL	918	919	919
WIND	371	744	770
Exchange with TPCL	-403	-193	-53
MSEDCL DEMAND MET	10466	11296	9869
Load Shedding	2983	2863	1229
MSEDCL DEMAND (INCL. LS)	13449	14159	11098
TPCL GENERATION	1763	1801	1234
REL GENERATION	522	523	525
TPCL+REL DEMAND	2688	2517	1812
STATE DEMAND MET	13154	13813	11681
STATE DEMAND (INCL. LS)	16137	16676	12910
Frequency (Hz)	49.46	49.27	49.17
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4308 MW At 12.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			69.19 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.15 Hz at 19.19 Hrs	48.77 Hz at 23.06 Hrs	49.4	7.2 % 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 10/Jun/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.97	3.55	84	77	75
Unit 2	0.00	8.73	0	0	0
Unit 3	1.35	11.57	67	49	60
Unit 4	0.00	4.04	0	0	0
Unit 5	3.58	36.06	176	95	170
Unit 6	3.95	23.86	182	145	150
Unit 7	4.08	38.52	191	143	180
	14.94	126.33			635
Bhusawal					
Unit 1	1.24	12.06	55	46	50
Unit 2	3.98	37.57	172	146	170
Unit 3	4.08	41.78	175	164	170
	9.30	91.42			390
Parli					
Unit 1	0.56	5.17	24	22	20
Unit 2	0.52	5.36	22	20	20
Unit 3	3.58	30.59	152	146	145
Unit 4	3.86	37.36	166	153	150
Unit 5	4.20	39.90	189	158	160
Unit 6	0.00	0.58	0	0	0
	12.72	118.95			495
Chandrapur					
Unit 1	4.01	40.06	174	163	160
Unit 2	3.79	39.07	168	151	165
Unit 3	4.07	41.21	202	99	210
Unit 4	3.38	34.35	156	91	150
Unit 5	9.48	89.36	465	320	400
Unit 6	9.66	74.08	430	370	400
Unit 7	10.15	100.47	458	396	450
	44.54	418.59			1935
Paras					
Unit 2	0.72	5.59	47	0	25
Unit 3	4.00	43.99	208	0	200
	4.72	49.58			225
Khaparkheda					
Unit 1	4.10	42.88	180	166	170
Unit 2	4.16	38.71	181	162	170
Unit 3	4.15	35.90	175	171	170
Unit 4	4.15	43.44	176	168	170
	16.56	160.93			680
Nasik					
Unit 1	1.58	19.38	91	51	90
Unit 2	0.94	14.18	59	0	70
Unit 3	0.00	30.08	0	0	0
Unit 4	4.05	44.23	198	67	180
Unit 5	4.10	42.35	183	166	180
	10.67	150.23			520
Uran					
All Units	14.99	144.17	653	493	600
	14.99	144.17			600
Koyna					
Stage 1-2	4.50	25.97	385	40	600
Stage 4	10.60	53.16	1120	0	250
Kovna 12&4 Total	15.10	79.12			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	3.56	17.68	312	0	320
	18.66	96.80			1170
Hydro					
KDPH	0.44	0.98	33	0	0
VTRNA	0.37	2.41	61	0	60
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.28	2.80	12	11	10
BHIRA T.R.	0.19	2.16	80	0	80
RNGR+BHTSA	0.25	2.78	11	10	13
BHANDARDRA	0.37	0.80	16	15	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.04	0.56	10	0	0
GHATGHAR	0.58	2.76	125	0	0
	2.52	15.25			163
PENCH (MS)					
Pench (MS)	0.11	0.50	24	0	0
	0.11	0.50			0
Wind					
MalharPeth	0.43	4.44			
Vankuswadi	0.98	10.96			
ATIT	0.19	2.26			
Kale	0.11	0.95			
Satara	0.45	7.83			
Shirala	0.37	3.50			
K Mahankal	0.57	2.62			
Supa	0.16	2.16			
Vita	1.69	19.40			
Dondaicha	6.37	66.40			
Sakri	1.04	12.20			
Nandurbar	0.86	10.41			
Khadakale	0.57	7.38			
Khaparale	0.61	7.00			
	14.40	157.52			
Dabhol					
RGPP L II	21.52	220.00	920	639	887
RGPP L III	0.00	0.00	0	0	0
	21.52	220.00			887
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	121.03	505	505	500
Trombay 6	11.41	113.34	510	340	500
Trombay 7A	2.88	28.94	122	117	120
Trombay 7B	1.60	16.10	68	66	60
Trombay 8	3.62	24.70	155	142	140
TATA Hydro	4.64	44.33	462	2	447
	36.28	348.43			1767
REL					
1&2	12.57	125.78	526	519	500
	12.57	125.78			500
Cent Sect					
Share					2882
					2882

MS PG CL	Thermal	113.45	1116.03		4880
	Thml+Gas	128.44	1260.20		5480
	Hydro	21.18	112.06		1333
	Total	149.62	1372.25		6813
State Total		234.48	2224.49		12849

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/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	4728	1273	636	6637	639	740	3092	3013	-388	-369	10660	824	11484	2237	13721	49.12
2	4718	731	642	6091	710	810	2835	2800	-191	-168	10243	827	11070	2027	13097	49.31
3	4755	591	641	5987	910	797	2608	2719	-68	-47	10366	835	11201	1868	13069	49.28
4	4767	219	638	5624	919	770	2557	2609	-68	-53	9869	1229	11098	1812	12910	49.17
5	4781	426	642	5849	919	764	2541	2614	-68	-55	10091	1339	11430	1765	13195	49.23
6	4872	544	647	6063	920	741	2543	2574	-68	-49	10249	1593	11842	1792	13634	49.37
7	4898	237	646	5781	920	663	2547	2676	-68	-54	9986	1999	11985	1773	13758	49.39
8	5032	366	653	6051	920	522	2723	2965	-68	-47	10411	2055	12466	1836	14302	49.70
9	5011	335	648	5994	918	539	2725	3118	-68	-45	10524	2533	13057	2050	15107	49.57
10	4884	564	634	6082	919	449	3047	3361	-427	-401	10410	2980	13390	2462	15852	49.63
11	4739	1097	632	6468	918	371	3045	3112	-427	-403	10466	2983	13449	2688	16137	49.46
12	4661	1395	627	6683	912	394	3170	3339	-544	-519	10809	3123	13932	2805	16737	49.34
13	4719	1187	624	6530	911	271	3373	3485	-709	-704	10507	3071	13578	2838	16416	49.39
14	4618	1194	624	6436	912	302	3393	3445	-709	-703	10415	3087	13502	2773	16275	49.38
15	4679	1135	625	6439	912	378	3395	3506	-709	-699	10559	3060	13619	2843	16462	49.37
16	4564	957	636	6157	917	430	3396	3557	-709	-700	10385	2954	13339	2858	16197	49.73
17	4438	565	636	5639	918	547	3396	3738	-709	-694	10172	3179	13351	2848	16199	49.69
18	4458	550	640	5648	918	683	3136	3563	-463	-449	10363	3007	13370	2688	16058	49.73
19	4565	476	641	5682	919	740	2926	3267	-261	-241	10367	2873	13240	2527	15767	49.62
20	4770	1033	631	6434	918	708	2877	3074	-227	-212	10922	3109	14031	2549	16580	49.46
21	4843	1408	626	6877	919	744	2871	2949	-220	-193	11296	2863	14159	2517	16676	49.27
22	4660	1589	546	6795	919	648	2817	2957	-164	-136	11183	2575	13758	2453	16211	49.25
23	4631	1617	518	6766	916	690	3239	3205	-544	-510	11067	1726	12793	2440	15233	49.12
24	4523	1692	493	6708	914	698	3251	3276	-557	-533	11063	1192	12255	2378	14633	49.01
MUs	113.31	21.18	14.93	149.42	21.52	14.40	71.50	74.92	-8.43	-7.98	252.38	55.02	307.40	56.83	364.23	49.40

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 10/Jun/2009

Position as on 6.30 Hrs of 11/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	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 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	Exciation 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
Cent_Sect NTPC(V-3)	210	11/06/2009	00:14		Continued.	Boiler Tube Leakage	15/06/2009

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Jun/2009

Position as on 6.30 Hrs of 11/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-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
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 : 220KV			Outage Type TRIPPED		
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 11/Jun/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	80
Unit 2	105	0
Unit 3	105	50
Unit 4	105	0
Unit 5	200	160
Unit 6	210	160
Unit 7	210	170
	1040	620
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	165
Unit 6	250	0
	940	495
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	160
Unit 4	210	160
Unit 5	500	400
Unit 6	500	380
Unit 7	500	420
	2340	1860
Paras		
Unit 2	55	42
Unit 3	250	160
	305	202
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	170
Unit 4	210	170
	840	680
Nasik		
Unit 1	120	70
Unit 2	120	0
Unit 3	210	0
Unit 4	210	190
Unit 5	210	175
	870	435
Uran		
All Units	852	500
	852	500
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	26
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	215
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	887
RGPPPL III	740	
	1700	887
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	2939
	3143	2939

	17616	12665
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