



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

State Load Dispatch Center, Airoli

Daily system Report

for

07/Jul/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 07/Jul/2009 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	106.833	761.298	1) Madhya Pradesh	43.099	354.948
2) Hydro	6.205	45.031	2) Gujrat	23.293	128.549
3) Gas	10.457	84.585	3) Goa	-5.820	-36.316
Total MSGENCO	123.495	890.914	4) TAPS 1&2 (Inj.)	3.634	25.821
B) OTHERS			5) Pench (Excess)	-0.174	-1.455
1) RGPPL Gas	22.421	156.975	# Total Cent. Sector	64.032	471.547
2) Wind Generation	11.893	68.318	F) Other Exchanges		
3) PENCH (MS)	0.174	1.455	1) With TPCL	-4.686	-43.823
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	28.678	194.181	1) MSEDCL Bilateral	4.906	33.871
2) TPCL Hydro	3.451	17.108	Include PX	0.116	0.891
TOTAL TPCL	32.129	211.289	2) MUMBAI Bilateral	4.867	35.072
3) REL Thermal	12.635	73.492	Include PX	2.372	14.364
D) STATE			3) MUMBAI Schedule	4.867	44.502
1) Thermal (A1+C1+C3)	148.146	1028.971	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	9.830	63.594	1) MSEDCL	217.329	1546.841
3) Gas (A3+B1)	32.878	241.560	2) TPCL	32.706	217.212
4) Wind (B2)	11.893	68.318	3) REL	16.744	111.391
TOTAL STATE	202.747	1402.443	TOTAL STATE	266.779	1875.444

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	4655	4438	4281
MSGENCO Hydro	74	1163	60
MSGENCO Gas	457	445	398
MSGENCO Total Generation	5186	6046	4739
Central Sector Receipt	2897	2623	2570
RGPPL	933	934	936
WIND	396	433	415
Exchange with TPCL	-397	-181	26
MSEDCL DEMAND MET	9015	9877	8686
Load Shedding	1985	1661	36
MSEDCL DEMAND (INCL. LS)	11000	11538	8722
TPCL GENERATION	1593	1597	896
REL GENERATION	526	527	530
TPCL+REL DEMAND	2516	2305	1400
STATE DEMAND MET	11531	12182	10086
STATE DEMAND (INCL. LS)	13516	13843	10122
Frequency (Hz)	49.32	48.96	49.89
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			1767 MW at 21.00Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			20.30 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.17 Hz at 03.11 Hrs	48.78 Hz at 21.16 Hrs	49.38	11.02 % 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 07/Jul/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.50	7.49	80	14	60
Unit 2	0.00	1.14	0	0	0
Unit 3	1.01	7.11	82	0	0
Unit 4	0.00	0.00	0	0	160
Unit 5	3.94	22.69	176	147	165
Unit 6	4.14	24.51	182	165	0
Unit 7	0.00	16.31	0	0	
	10.60	79.25			385
Bhusawal					
Unit 1	1.13	7.77	57	35	40
Unit 2	3.65	25.86	164	141	160
Unit 3	4.14	28.78	186	166	175
	8.92	62.41			375
Parli					
Unit 1	0.48	3.36	21	18	20
Unit 2	0.57	4.06	26	22	20
Unit 3	3.44	23.68	149	134	150
Unit 4	3.69	25.38	159	145	150
Unit 5	3.90	26.85	180	140	160
Unit 6	0.00	0.00	0	0	0
	12.08	83.32			500
Chandrapur					
Unit 1	4.06	26.98	173	161	170
Unit 2	3.72	25.82	158	151	155
Unit 3	4.57	31.21	204	177	210
Unit 4	3.97	30.82	183	147	160
Unit 5	9.54	66.06	444	342	400
Unit 6	8.22	62.86	420	200	400
Unit 7	9.16	63.90	408	340	400
	43.25	307.66			1895
Paras					
Unit 2	0.94	6.60	41	37	35
Unit 3	4.26	29.96	194	160	180
	5.19	36.57			215
Khaparkheda					
Unit 1	4.24	29.53	182	166	175
Unit 2	4.18	27.90	183	163	175
Unit 3	4.32	30.09	190	173	175
Unit 4	4.27	29.60	185	173	175
	17.01	117.12			700
Nasik					
Unit 1	0.00	8.17	0	0	0
Unit 2	1.44	5.79	80	38	50
Unit 3	0.00	0.00	0	0	0
Unit 4	4.33	31.70	192	165	190
Unit 5	4.00	29.30	176	147	160
	9.78	74.97			400
Uran					
All Units	10.46	84.58	464	346	460
	10.46	84.58			460
Koyna					
Stage 1-2	1.66	11.86	230	35	600
Stage 4	1.84	14.92	480	0	250
Kovna 12&4 Total	3.50	26.78			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.71	8.27	318	0	320
	5.20	35.05			1170
Hydro					
KDPH	0.00	1.21	0	0	0
VTRNA	0.19	2.63	61	0	60
TILLARI	0.26	1.30	60	0	60
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.18	1.29	44	0	40
RNGR+BHTSA	0.24	1.64	10	10	10
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.13	1.91	125	0	0
	1.00	9.98			170
PENCH (MS)					
Pench (MS)	0.17	1.46	23	0	
	0.17	1.46			
Wind					
MalharPeth	0.48	3.79			
Vankuswadi	1.17	8.39			
ATIT	0.28	2.04			
Kale	0.10	1.39			
Satara	1.18	4.86			
Shirala	0.55	2.87			
K Mahankal	0.06	1.73			
Supa	0.08	1.22			
Vita	3.54	19.77			
Dondaicha	2.84	12.24			
Sakri	0.51	2.42			
Nandurbar	0.47	1.91			
Khadakale	0.34	3.81			
Khaparale	0.29	1.87			
	11.89	68.32			
Dabhol					
RGPP L II	22.42	156.98	939	927	889
RGPP L III	0.00	0.00	0	0	
	22.42	156.98			889
Tata					
Trombay 4	0.00	0.04	0	0	0
Trombay 5	11.96	68.98	505	430	500
Trombay 6	9.97	75.60	510	150	500
Trombay 7A	2.96	20.45	126	120	120
Trombay 7B	0.00	6.13	0	0	0
Trombay 8	3.79	22.99	162	150	120
TATA Hydro	3.45	17.11	348	4	447
	32.13	211.29			1687
REL					
1&2	12.64	73.49	530	521	500
	12.64	73.49			500
Cent Sect					
Share					2818
					2818

MS PG CL	Thermal	106.83	761.30		4470
	Thml+Gas	117.29	845.88		4930
	Hydro	6.20	45.03		1340
	Total	123.50	890.91		6270
State Total		202.75	1402.44		12164

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/Jul/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	4185	205	384	4774	937	333	2743	2609	-3	24	8677	421	9098	1651	10749	49.46
2	4159	174	378	4711	938	382	2745	2690	-3	25	8746	421	9167	1485	10652	49.55
3	4222	50	346	4618	939	395	2744	2641	-3	25	8618	271	8889	1433	10322	49.72
4	4281	60	398	4739	936	415	2744	2570	-3	26	8686	36	8722	1400	10122	49.89
5	4293	50	408	4751	935	366	2744	2711	-3	26	8789	120	8909	1373	10282	49.44
6	4405	298	380	5083	935	303	2740	2813	-3	25	9159	782	9941	1474	11415	49.49
7	4505	75	400	4980	935	405	2745	2482	-3	24	8826	1680	10506	1625	12131	49.44
8	4562	55	463	5080	934	381	2712	2395	-3	23	8813	1605	10418	1698	12116	49.30
9	4518	50	463	5031	932	364	2859	2524	-47	-26	8825	1768	10593	1976	12569	49.41
10	4599	60	462	5121	931	396	3087	2957	-306	-327	9078	1657	10735	2300	13035	49.41
11	4655	74	457	5186	933	396	3063	2897	-377	-397	9015	1985	11000	2516	13516	49.32
12	4693	99	451	5243	932	436	3078	2728	-400	-423	8937	1749	10686	2548	13234	49.18
13	4655	50	456	5161	927	580	3124	2853	-448	-481	9063	1657	10720	2554	13274	49.44
14	4587	55	459	5101	936	684	3075	2568	-400	-436	8876	1571	10447	2442	12889	49.62
15	4574	55	456	5085	934	766	3121	2563	-448	-482	8876	1360	10236	2487	12723	49.45
16	4502	55	460	5017	934	813	3140	2642	-448	-485	8921	961	9882	2527	12409	49.47
17	4430	112	452	4994	932	918	3098	2647	-424	-461	9030	806	9836	2456	12292	49.21
18	4453	276	459	5188	934	856	3153	2694	-392	-386	9286	806	10092	2427	12519	49.32
19	4494	519	459	5472	934	660	2887	2611	-220	-201	9483	915	10398	2358	12756	49.32
20	4517	971	452	5940	933	577	2810	2642	-220	-198	9917	1470	11387	2344	13731	49.10
21	4438	1163	445	6046	934	433	2849	2623	-220	-181	9877	1661	11538	2305	13843	48.96
22	4389	917	446	5752	936	322	2851	2579	-220	-181	9431	1610	11041	2169	13210	49.01
23	4367	533	459	5359	934	357	2807	2836	-187	-152	9353	1012	10365	2026	12391	49.29
24	4350	249	464	5063	936	356	2747	2757	-91	-67	9048	736	9784	1876	11660	49.42
MUs	106.83	6.20	10.46	123.50	22.42	11.89	69.67	64.03	-4.87	-4.69	217.33	27.06	244.39	49.45	293.84	49.38

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 07/Jul/2009

Position as on 6.30 Hrs of 08/Jul/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(K-3)	210	01/06/2009	00.00	08/07/2009	02:14	Annual Overhaul	
Parli Unit 6	250	03/06/2009	06.35		Continued.	Annual Overhaul	20/07/2009
Nasik Unit 3	210	07/06/2009	21.37		Continued.	Capital overhaul	18/07/2009
Cent_Sect Tarapur 2	80	16/06/2009	22:10		Continued.	Refueling Outage.	30/07/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	
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	25/07/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Cent_Sect Kawas ST1C	116	03/06/2009	16:33		Continued.	Bearing Temp. High	27/07/2009
Koradi Unit 4	115	28/06/2009	14.18		Continued.	Coal Bunkering problem.	08/07/2009
Tata Trombay 4	150	01/07/2009	00:46		Continued.	W/dn	
Koradi Unit 2	105	02/07/2009	21.51	08/07/2009	04.08	ID Fan Problem	
Tata Trombay 7B	60	04/07/2009	21.12		Continued.	GT.Bucholz Operated.	10/08/2009
Koradi Unit 3	105	04/07/2009	22.31	07/07/2009	09.42	Boiler Tube Leakage	
Nasik Unit 1	125	05/07/2009	06.15		Continued.	Boiler Tube Leakage	09/07/2009
Uran Unit 3	60	05/07/2009	21.12		Continued.	Stator Earth Fault	
Koradi Unit 7	210	06/07/2009	00.50		Continued.	Boiler Tube Leakage	10/07/2009
Uran Unit 7	108	07/07/2009	02.37		Continued.	Jacking Oil Pressure Line Leakage.	
Cent_Sect NTPC(V-4)	210	07/07/2009	11.00	08/07/2009	13:30	Boiler Tube Leakage	
Koradi Unit 2	105	08/07/2009	14:14		Continued.	W/dn, Clinker Formation	10/07/2009

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Jul/2009

Position as on 6.30 Hrs of 08/Jul/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		
Akola - Wardha - II	01/07/2009	09.12		Continued.	H/T FOR O/V
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Khandwa-I	19/06/2009	16:13		Continued.	3 Tower Colloped.
Dhule-Khandwa-II	19/06/2009	16:13		Continued.	3 Tower Colloped.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Main Breaker of C'Pur-Parli-I at Parli end	12/06/2009	10.56		Continued.	To attend hot spot on Bus Isolator,Line on TBC
400/220 KV 315 ICT-I DHULE	04/07/2009	09.26	08/07/2009	17:28	Oil filtration
Padgha-Nagothane	07/07/2009	08.58	07/07/2009	18.17	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
Akola - Badnera - I	07/07/2009	09.45		Continued.	Relay Retrofitting Work.
Bus Coupler at Koradi	07/07/2009	10.18	07/07/2009	18.08	Q.M. WORK
Butibori-Indorama	07/07/2009	11.22	07/07/2009	15.42	Bus bar testing
Karad - Nigade	07/07/2009	11.45	07/07/2009	18.26	Testing and R.M. work.
Kolhapur - Karad - II	07/07/2009	12.39	07/07/2009	19.42	For making tapping arrangement
Nigade - Peth	07/07/2009	18.45	07/07/2009	21.26	Testing and R.M. work.
Jejuri-Jejuri I	08/07/2009	10:38		Continued.	Retrofitting work.
Karad - Karad - II	08/07/2009	11:19	08/07/2009	16:43	Jumper Replacement work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Buldhana-Motala	07/07/2009	13.00		Continued.	C.B. replacement work.
Voltage Level : 500KV			Outage Type FORCED OUTAGE		
HVDC POLE I -CHDPR	07/07/2009	17.28	07/07/2009	22.43	Capacitor replacement work
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220KV,315MVA ICT-I at Chandrapur	07/07/2009	08.55	07/07/2009	11.39	Hot spot on isolator,ICT on TBC
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/33KV, 100MVA T/F at Ghodbandar	07/07/2009	11.33	07/07/2009	13.08	Cable Replacement
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha--Dhamangaon	01/07/2009	18.17		Continued.	H/T to control Akola ICT.
Wardha-Badnera	02/07/2009	18.30		Continued.	H/T to control Akola ICT.
Parbhani-Pusad	08/07/2009	11:06		Continued.	H/T For O/L,ICT.
Voltage Level : 132KV			Outage Type TRIPPED		
Paras-Akot	23/06/2009	16:45		Continued.	1 Tower Colloped.
Ambazari - Amravati	07/07/2009	13.22	08/07/2009	12:44	Tripped on Distance protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 08/Jul/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	65
Unit 2	105	20
Unit 3	105	70
Unit 4	105	0
Unit 5	200	160
Unit 6	210	160
Unit 7	210	0
	1040	475
Bhusawal		
Unit 1	58	40
Unit 2	210	160
Unit 3	210	175
	478	375
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	140
Unit 4	210	140
Unit 5	210	140
Unit 6	250	0
	940	460
Chandrapur		
Unit 1	210	170
Unit 2	210	155
Unit 3	210	205
Unit 4	210	150
Unit 5	500	400
Unit 6	500	350
Unit 7	500	400
	2340	1830
Paras		
Unit 2	55	35
Unit 3	250	180
	305	215
Khaparkheda		
Unit 1	210	175
Unit 2	210	175
Unit 3	210	175
Unit 4	210	175
	840	700
Nasik		
Unit 1	120	0
Unit 2	120	65
Unit 3	210	0
Unit 4	210	160
Unit 5	210	160
	870	385
Uran		
All Units	852	465
	852	465
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	0
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	10
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	170
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	877
RGPPPL III	740	
	1700	877
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	0
Trombay 8	250	150
TATA Hydro	444	447
	2024	1717
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2805
	3143	2805

	17616	12144
--	--------------	--------------