



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

State Load Dispatch Center, Airoli

Daily system Report

for

07/Sep/2009

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	98.338	684.302	1) Madhya Pradesh	54.540	376.357
2) Hydro	4.157	30.295	2) Gujrat	16.874	98.733
3) Gas	14.868	105.086	3) Goa	-5.592	-38.315
Total MSGENCO	117.363	819.683	4) TAPS 1&2 (Inj.)	7.271	51.007
B) OTHERS			5) Pench (Excess)	-0.041	-1.484
1) RGPPL Gas	22.863	160.486	# Total Cent. Sector	73.052	486.298
2) Wind Generation	9.435	72.045	F) Other Exchanges		
3) PENCH (MS)	0.041	1.484	1) With TPCL	-7.338	-36.139
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	26.216	193.805	1) MSEDCL Bilateral	4.017	35.728
2) TPCL Hydro	1.724	17.726	Include PX	0.000	2.941
TOTAL TPCL	27.940	211.531	2) MUMBAI Bilateral	8.709	43.357
3) REL Thermal	12.669	88.641	Include PX	0.000	-0.242
D) STATE			3) MUMBAI Schedule	8.709	43.357
1) Thermal (A1+C1+C3)	137.223	966.748	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	5.922	49.505	1) MSEDCL	215.416	1503.857
3) Gas (A3+B1)	37.731	265.572	2) TPCL	31.933	223.114
4) Wind (B2)	9.435	72.045	3) REL	16.022	113.194
TOTAL STATE	190.311	1353.870	TOTAL STATE	263.371	1840.165

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	4052	4284	3873
MSGENCO Hydro	211	880	48
MSGENCO Gas	610	618	622
MSGENCO Total Generation	4873	5782	4543
Central Sector Receipt	3298	3027	2798
RGPPL	952	956	953
WIND	309	460	349
Exchange with TPCL	-571	-352	-28
MSEDCL DEMAND MET	8861	9894	8615
Load Shedding	961	1817	0
MSEDCL DEMAND (INCL. LS)	9822	11711	8615
TPCL GENERATION	1417	1420	775
REL GENERATION	526	528	530
TPCL+REL DEMAND	2514	2300	1333
STATE DEMAND MET	11375	12194	9948
STATE DEMAND (INCL. LS)	12336	14011	9948
Frequency (Hz)	49.65	49.36	49.90
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			1941 MW At 20.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			18.52 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.21 Hz at 13.04 Hrs	48.8 Hz at 22.12 Hrs	49.65	.73 % 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/Sep/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	0.77	7.21	53	21	40
Unit 3	1.09	3.05	65	14	60
Unit 4	0.98	8.91	73	17	30
Unit 5	0.00	5.30	0	0	0
Unit 6	3.19	19.68	160	25	140
Unit 7	3.25	20.91	157	126	140
	9.29	65.07			410
Bhusawal					
Unit 1	0.94	5.93	52	32	40
Unit 2	0.00	5.17	0	0	0
Unit 3	4.06	29.50	182	145	185
	5.00	40.59			225
Parli					
Unit 1	0.56	4.07	26	20	20
Unit 2	0.56	4.06	26	22	20
Unit 3	2.37	24.83	152	37	150
Unit 4	3.40	14.80	179	80	150
Unit 5	3.66	26.93	178	126	150
Unit 6	0.43	28.63	179	0	0
	10.98	103.32			490
Chandrapur					
Unit 1	3.56	23.09	160	126	150
Unit 2	0.00	13.65	0	0	0
Unit 3	3.52	20.02	157	112	150
Unit 4	4.53	29.07	203	166	195
Unit 5	8.26	48.39	404	302	350
Unit 6	7.09	46.07	360	170	350
Unit 7	7.40	45.96	348	262	300
	34.36	226.24			1495
Paras					
Unit 2	0.84	3.32	40	32	30
Unit 3	4.40	20.61	208	170	190
	5.24	23.93			220
Khaparkheda					
Unit 1	4.38	32.26	195	172	200
Unit 2	4.38	30.95	196	146	190
Unit 3	5.08	33.74	213	209	210
Unit 4	5.02	34.50	214	196	210
	18.86	131.45			810
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	2.16	14.14	96	84	85
Unit 3	3.44	17.76	204	0	150
Unit 4	4.63	31.58	201	184	190
Unit 5	4.38	30.23	194	163	180
	14.61	93.70			605
Uran					
All Units	14.87	105.09	644	602	600
	14.87	105.09			600
Koyna					
Stage 1-2	0.90	8.38	70	25	460
Stage 4	0.54	3.05	384	0	250
Kovna 12&4 Total	1.45	11.43			710

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.73	6.60	226	0	240
	2.18	18.03			950
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	0.23	0.52	61	0	0
TILLARI	0.50	3.35	60	0	60
BHTGR/VEER	0.49	3.27	21	20	27
BHIRA T.R.	0.36	2.52	82	0	80
RNGR+BHTSA	0.09	0.67	4	3	4
BHANDARDRA	0.00	0.16	0	0	38
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.40	10	0	0
GHATGHAR	0.26	1.38	120	0	0
	1.98	12.26			209
PENCH (MS)					
Pench (MS)	0.04	1.48	21	0	
	0.04	1.48			
Wind					
MalharPeth	0.44	3.71			
Vankuswadi	0.75	8.18			
ATIT	0.26	1.61			
Kale	0.06	0.51			
Satara	0.32	3.67			
Shirala	0.52	2.38			
K Mahankal	0.14	4.68			
Supa	0.12	0.83			
Vita	1.60	12.86			
Dondaicha	3.21	20.51			
Sakri	0.49	3.24			
Nandurbar	0.54	2.64			
Khadakale	0.46	3.19			
Khaparale	0.52	4.01			
	9.44	72.04			
Dabhol					
RGPP L II	22.86	160.49	956	949	890
RGPP L III	0.00	0.00	0	0	
	22.86	160.49			890
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.69	76.28	505	400	500
Trombay 6	9.46	71.48	510	150	500
Trombay 7A	2.44	15.59	108	87	100
Trombay 7B	0.00	0.00	0	0	0
Trombay 8	2.62	30.47	140	93	150
TATA Hydro	1.72	17.73	232	0	447
	27.94	211.53			1697
REL					
1&2	12.67	88.64	530	524	500
	12.67	88.64			500
Cent Sect					
Share					3341
					3341

MS PG CL	Thermal	98.34	684.30		4255
	Thml+Gas	113.21	789.39		4855
	Hydro	4.16	30.30		1159
	Total	117.36	819.68		6014
State Total		190.31	1353.87		12442

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/Sep/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	3944	53	618	4615	954	420	2893	2599	-85	-25	8563	0	8563	1577	10140	49.83
2	3974	53	618	4645	953	392	2893	2559	-85	-27	8522	0	8522	1469	9991	49.90
3	3973	53	619	4645	952	364	2893	2783	-85	-26	8718	0	8718	1363	10081	50.04
4	3873	48	622	4543	953	349	2893	2798	-85	-28	8615	0	8615	1333	9948	49.90
5	3802	48	630	4480	953	330	2893	2895	-85	-26	8632	0	8632	1335	9967	49.82
6	3855	83	623	4561	951	301	2893	3262	-85	-28	9047	385	9432	1446	10878	49.62
7	4059	53	634	4746	951	381	2891	2776	-85	-29	8825	1179	10004	1617	11621	49.83
8	4220	56	644	4920	952	420	2965	2552	-85	-30	8814	999	9813	1712	11525	49.93
9	4273	148	644	5065	953	445	2964	2887	-99	-45	9305	518	9823	1969	11792	49.87
10	4238	215	623	5076	952	383	3197	3444	-619	-573	9282	594	9876	2327	12203	49.59
11	4052	211	610	4873	952	309	3278	3298	-619	-571	8861	961	9822	2514	12336	49.65
12	3997	127	602	4726	949	296	3278	3193	-619	-572	8592	1056	9648	2537	12185	49.56
13	3952	54	605	4611	950	285	3278	3375	-619	-569	8652	1022	9674	2519	12193	49.49
14	3972	79	610	4661	951	305	3283	3245	-619	-567	8595	967	9562	2369	11931	49.52
15	3999	64	612	4675	951	345	3299	3335	-619	-567	8739	1173	9912	2355	12267	49.50
16	4121	54	618	4793	953	360	3306	3047	-619	-568	8585	1222	9807	2335	12142	49.61
17	4160	68	615	4843	954	366	3315	3156	-628	-577	8742	1230	9972	2331	12303	49.67
18	4165	120	623	4908	953	426	3233	3247	-541	-486	9048	1103	10151	2299	12450	49.58
19	4297	351	623	5271	955	367	3061	3225	-413	-351	9481	1312	10793	2296	13089	49.51
20	4284	880	618	5782	956	460	3142	3027	-413	-352	9894	1817	11711	2300	14011	49.36
21	4289	678	632	5599	954	492	3180	3283	-413	-350	9984	1554	11538	2203	13741	49.63
22	4291	509	610	5410	953	596	3174	3064	-404	-341	9682	1568	11250	2049	13299	49.33
23	4286	97	608	4991	954	493	3185	3115	-420	-345	9208	1366	10574	1907	12481	49.38
24	4270	55	607	4932	954	550	3090	2870	-368	-285	9021	742	9763	1785	11548	49.49
MUs	98.35	4.16	14.87	117.37	22.86	9.44	74.48	73.04	-8.71	-7.34	215.41	20.77	236.18	47.95	284.12	49.65

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/Sep/2009

Position as on 6.30 Hrs of 08/Sep/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
Tata Trombay 7B	60	04/07/2009	21.12		Continued.	GT.Bucholz Operated.	11/09/2009
Nasik Unit 1	125	05/07/2009	6:15		Continued.	Generator Rotor Problem	30/09/2009
Koradi Unit 1	105	24/07/2009	01:20		Continued.	ANNUAL OVERHAUL	10/09/2009
Koyna Unit 11	80	25/07/2009	15.30		Continued.	To attend Stator Earth Fault	25/09/2009
Cent_Sect NTPC(V-3)	210	25/08/2009	00.25		Continued.	A/OH	26/09/2009
Cent_Sect NTPC(K-1)	210	27/08/2009	23.55		Continued.	AOH	28/09/2009
Bhusawal Unit 2	210	02/09/2009	10.08		Continued.	Annual Overhaul.	16/10/2009
Chandrapur Unit 2	210	05/09/2009	23:46		Continued.	AOH.	05/10/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	20/12/2009
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	15/02/2010
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	25/10/2009
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Tata Trombay 4	150	01/07/2009	00:46		Continued.	W/dn	
Uran Unit 3	60	05/07/2009	21.12		Continued.	Stator Earth Fault	
Koradi Unit 5	200	05/09/2009	02:37	08/09/2009	01.09	CHP Problem.	
Koyna Unit 1	75	06/09/2009	07.15		Continued.	Pressure Shaft Problem	10/09/2009
Koyna Unit 2	75	06/09/2009	13.00		Continued.	Pressure Shaft Problem	10/09/2009
Parli Unit 6	250	07/09/2009	01.32	07/09/2009	21.40	Flame failure.	
Nasik Unit 3	210	07/09/2009	03.35	07/09/2009	06.10	UAT Trip.	07/09/2009
Koradi Unit 6	210	07/09/2009	09.19	07/09/2009	10.50	Furnace pressure high.	
Nasik Unit 3	210	07/09/2009	10.10	07/09/2009	11.25	Drum level high.	

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

Position as on 6.30 Hrs of 08/Sep/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised 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
Akola - Wardha - I	01/09/2009	01.44		Continued.	Hand Tripped for Over Voltage.
Kolhapur-Mapusa Ckt I	06/09/2009	23.05	07/09/2009	09.45	H/T for O/V
Kolhapur-Mapusa Ckt I	07/09/2009	23.13		Continued.	H/T For O/V.
DHULE-SAR'SAROVAR-I	07/09/2009	23.54		Continued.	H/T for O/V.
Voltage Level : 400KV			Outage Type TRIPPED		
Seoni - Wardha	01/09/2009	01.44		Continued.	Tripped on Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Nasik-Navsari-I	07/09/2009	11.24	07/09/2009	13.40	Dist.Protection,R-Ph-E,Z1
IntraState					
Voltage Level : 500KV			Outage Type PLANNED OUTAGE		
Chandrapur - Padgha Pole -I	04/09/2009	06:49		Continued.	Capacitor replacement.
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV Spare ICT @ New Koyna	07/09/2009	08.35	07/09/2009	16.10	Cold washing of bay equip.
KALWA-LONIKAND	07/09/2009	09.26	07/09/2009	17.22	SMS, R.M.Work
400/220KV, 315MVA ICT-I @ New Koyna.	07/09/2009	15.00	07/09/2009	16.32	On TBC for Own breaker problem.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Karad - Ogalewadi - II	17/08/2009	07.20	07/09/2009	21.48	C.B.Replacement.Breaker on TBC at Ogalewadi
Nasik TBC	28/08/2009	08.45		Continued.	Breaker replacement.
220/100 KV,125 MVA ICT-III at Trombay S/S.	31/08/2009	09.32		Continued.	Replacement of Relay Panels & Control Panels.
Mahsal - Miraz	04/09/2009	11:55		Continued.	Retrofitting work.
Vita-Maisal	04/09/2009	11:55		Continued.	Retrofitting work.
Dahanu-Versova	07/09/2009	07.32	07/09/2009	21.39	To attend damaged E/W.
Pedambe-Mahad	07/09/2009	08.55	07/09/2009	20.24	Q.M.Work.
220 KV RLY TSS Ckt.I at Dhamangaon	07/09/2009	11.10	07/09/2009	14.30	Q.M.Work.
BBLSR-RANJANGAON	07/09/2009	13.19	07/09/2009	17.25	Flashover Insulator Repl. Work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Ambazari - Mankapur	07/09/2009	10.29	07/09/2009	16.12	Retrofitting Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad-Kolhapur CKT II	07/09/2009	00.39		Continued.	H/T for O/V
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	05/09/2009	22:14		Continued.	H/T to load Akola.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 08/Sep/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	60
Unit 3	105	60
Unit 4	105	50
Unit 5	200	60
Unit 6	210	120
Unit 7	210	120
	1040	470
Bhusawal		
Unit 1	58	50
Unit 2	210	0
Unit 3	210	185
	478	235
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	150
Unit 4	210	150
Unit 5	210	150
Unit 6	250	150
	940	640
Chandrapur		
Unit 1	210	150
Unit 2	210	0
Unit 3	210	150
Unit 4	210	180
Unit 5	500	400
Unit 6	500	300
Unit 7	500	350
	2340	1530
Paras		
Unit 2	55	45
Unit 3	250	175
	305	220
Khaparkheda		
Unit 1	210	190
Unit 2	210	150
Unit 3	210	200
Unit 4	210	170
	840	710
Nasik		
Unit 1	120	0
Unit 2	120	85
Unit 3	210	200
Unit 4	210	190
Unit 5	210	180
	870	655
Uran		
All Units	852	600
	852	600
Koyna		
Stage 1-2	600	460
Stage 4	1000	250
Stage 3	320	240
	1920	950
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	0
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	21
BHIRA T.R.	80	80
RNGR+BHTSA	20	4
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	235
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	890
RGPPPL III	740	
	1700	890
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	100
Trombay 7B	60	0
Trombay 8	250	150
TATA Hydro	444	447
	2024	1697
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3259
	3143	3259

	17616	12591
--	--------------	--------------