



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

State Load Dispatch Center, Airoli

Daily system Report

for

01/Sep/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 01/Sep/2009 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	97.442	97.442	1) Madhya Pradesh	57.759	57.759
2) Hydro	8.050	8.050	2) Gujrat	18.621	18.621
3) Gas	14.943	14.943	3) Goa	-5.744	-5.744
Total MSGENCO	120.435	120.435	4) TAPS 1&2 (Inj.)	7.286	7.286
B) OTHERS			5) Pench (Excess)	-1.021	-1.021
1) RGPPL Gas	22.944	22.944	# Total Cent. Sector	76.901	76.901
2) Wind Generation	5.212	5.212	F) Other Exchanges		
3) PENCH (MS)	1.021	1.021	1) With TPCL	-6.862	-6.862
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	30.152	30.152	1) MSEDCL Bilateral	5.054	5.054
2) TPCL Hydro	3.455	3.455	Include PX	1.710	1.710
TOTAL TPCL	33.607	33.607	2) MUMBAI Bilateral	8.039	8.039
3) REL Thermal	12.632	12.632	Include PX	-0.694	-0.694
D) STATE			3) MUMBAI Schedule	8.039	8.039
1) Thermal (A1+C1+C3)	140.226	140.226	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	12.526	12.526	1) MSEDCL	219.651	219.651
3) Gas (A3+B1)	37.887	37.887	2) TPCL	35.196	35.196
4) Wind (B2)	5.212	5.212	3) REL	17.904	17.904
TOTAL STATE	195.851	195.851	TOTAL STATE	272.751	272.751

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3998	4198	3965
MSGENCO Hydro	424	1418	92
MSGENCO Gas	624	637	563
MSGENCO Total Generation	5046	6253	4620
Central Sector Receipt	3232	3129	3131
RGPPL	946	956	960
WIND	160	299	157
Exchange with TPCL	-516	-316	-30
MSEDCL DEMAND MET	8921	10374	8889
Load Shedding	2475	2316	1224
MSEDCL DEMAND (INCL. LS)	11396	12690	10113
TPCL GENERATION	1635	1716	932
REL GENERATION	526	525	528
TPCL+REL DEMAND	2677	2557	1490
STATE DEMAND MET	11598	12931	10379
STATE DEMAND (INCL. LS)	14073	15247	11603
Frequency (Hz)	49.23	49.40	49.67
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3306 MW at 19.00Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			57.44 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.14 Hz at 23.56 Hrs	48.8 Hz at 19.08 Hrs	49.59	2.03 % 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 01/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	0.17	0.17	41	0	0
Unit 3	0.00	0.00	0	0	0
Unit 4	1.18	1.18	71	0	45
Unit 5	0.00	0.00	0	0	0
Unit 6	2.69	2.69	139	89	60
Unit 7	3.15	3.15	176	76	90
	7.19	7.19			195
Bhusawal					
Unit 1	1.02	1.02	59	23	45
Unit 2	3.81	3.81	165	150	160
Unit 3	4.44	4.44	190	180	180
	9.27	9.27			385
Parli					
Unit 1	0.59	0.59	27	22	20
Unit 2	0.59	0.59	26	23	20
Unit 3	4.06	4.06	182	155	160
Unit 4	0.00	0.00	0	0	0
Unit 5	3.82	3.82	180	146	160
Unit 6	4.64	4.64	216	139	220
	13.70	13.70			580
Chandrapur					
Unit 1	3.17	3.17	145	112	150
Unit 2	2.43	2.43	114	80	105
Unit 3	1.92	1.92	117	52	100
Unit 4	2.88	2.88	174	44	160
Unit 5	6.56	6.56	329	231	300
Unit 6	5.62	5.62	314	165	250
Unit 7	7.51	7.51	357	272	350
	30.09	30.09			1415
Paras					
Unit 2	0.66	0.66	41	0	30
Unit 3	2.96	2.96	170	0	170
	3.62	3.62			200
Khaparkheda					
Unit 1	4.54	4.54	200	176	180
Unit 2	4.29	4.29	183	171	190
Unit 3	4.43	4.43	205	154	170
Unit 4	4.90	4.90	210	187	210
	18.16	18.16			750
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	1.86	1.86	88	52	80
Unit 3	4.68	4.68	206	178	200
Unit 4	4.52	4.52	191	182	190
Unit 5	4.35	4.35	195	163	180
	15.41	15.41			650
Uran					
All Units	14.94	14.94	661	558	540
	14.94	14.94			540
Koyna					
Stage 1-2	2.24	2.24	260	35	600
Stage 4	2.47	2.47	781	0	250
Kovna 12&4 Total	4.70	4.70			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.39	1.39	240	0	240
	6.10	6.10			1090
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	0.00	0.00	0	0	0
TILLARI	0.43	0.43	58	0	60
BHTGR/VEER	0.47	0.47	20	19	9
BHIRA T.R.	0.45	0.45	81	0	80
RNGR+BHTSA	0.08	0.08	4	3	2
BHANDARDRA	0.00	0.00	0	0	34
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.06	10	0	9
GHATGHAR	0.47	0.47	127	0	0
	1.95	1.95			194
PENCH (MS)					
Pench (MS)	1.02	1.02	53	0	0
	1.02	1.02			0
Wind					
MalharPeth	0.33	0.33			
Vankuswadi	0.73	0.73			
ATIT	0.11	0.11			
Kale	0.05	0.05			
Satara	0.26	0.26			
Shirala	0.13	0.13			
K Mahankal	1.19	1.19			
Supa	0.04	0.04			
Vita	0.72	0.72			
Dondaicha	0.98	0.98			
Sakri	0.20	0.20			
Nandurbar	0.12	0.12			
Khadakale	0.12	0.12			
Khaparale	0.26	0.26			
	5.21	5.21			
Dabhol					
RGPP L II	22.94	22.94	964	945	900
RGPP L III	0.00	0.00			0
	22.94	22.94			900
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.06	12.06	505	470	500
Trombay 6	10.46	10.46	510	150	500
Trombay 7A	2.29	2.29	105	78	120
Trombay 7B	0.00	0.00	0	0	0
Trombay 8	5.34	5.34	228	209	200
TATA Hydro	3.46	3.46	399	0	447
	33.61	33.61			1767
REL					
1&2	12.63	12.63	529	522	500
	12.63	12.63			500
Cent Sect					
Share					3061
					3061

MS PG CL	Thermal	97.44	97.44		4175
	Thml+Gas	112.38	112.38		4715
	Hydro	8.05	8.05		1284
	Total	120.44	120.44		5999
State Total		195.85	195.85		12227

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/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	3857	321	583	4761	958	175	2769	3204	-85	-33	9118	1219	10337	1820	12157	49.58
2	3949	108	581	4638	959	156	2605	3257	-85	-31	9032	1236	10268	1662	11930	49.72
3	3960	67	558	4585	959	147	2599	3223	-85	-29	8938	1117	10055	1578	11633	49.80
4	3965	92	563	4620	960	157	2620	3131	-85	-30	8889	1224	10113	1490	11603	49.67
5	3998	97	577	4672	960	155	2666	3225	-85	-28	9037	1212	10249	1530	11779	49.66
6	4073	384	579	5036	960	157	2690	3198	-85	-28	9376	1363	10739	1625	12364	49.59
7	4075	137	585	4797	959	140	2604	2872	-85	-32	8756	2363	11119	1716	12835	49.58
8	4105	72	655	4832	958	131	2736	2890	-85	-33	8788	2346	11134	1854	12988	49.76
9	3984	95	661	4740	957	153	2749	2824	-100	-47	8627	2498	11125	2047	13172	49.84
10	4037	178	650	4865	953	220	3191	3246	-591	-550	8734	2499	11233	2449	13682	49.59
11	4023	212	635	4870	945	166	3187	3292	-588	-541	8754	2540	11294	2620	13914	49.38
12	3998	424	624	5046	946	160	3161	3232	-562	-516	8921	2475	11396	2677	14073	49.23
13	4016	252	636	4904	953	176	3255	3450	-563	-524	9012	2207	11219	2682	13901	49.57
14	4027	119	630	4776	948	241	3253	3590	-562	-524	9084	2215	11299	2577	13876	49.47
15	4066	124	637	4827	951	207	3252	3153	-562	-522	8669	2530	11199	2676	13875	49.67
16	4110	74	639	4823	957	236	3156	3013	-562	-525	8557	2476	11033	2667	13700	49.75
17	4141	73	640	4854	954	442	3172	2990	-578	-539	8754	2397	11151	2646	13797	49.75
18	4067	205	637	4909	954	379	3142	3160	-552	-512	8943	2162	11105	2568	13673	49.56
19	4140	573	640	5353	957	339	3078	3432	-415	-371	9763	2351	12114	2515	14629	49.54
20	4198	1418	637	6253	956	299	3180	3129	-342	-316	10374	2316	12690	2557	15247	49.40
21	4230	1273	642	6145	957	264	3271	3205	-342	-279	10343	2097	12440	2467	14907	49.38
22	4176	941	649	5766	959	283	3281	3322	-342	-278	10101	2053	12154	2349	14503	49.46
23	4119	539	656	5314	960	205	3315	3444	-376	-316	9656	1890	11546	2222	13768	49.48
24	4128	272	649	5049	964	224	3257	3419	-320	-258	9425	1445	10870	2107	12977	49.68
MUs	97.44	8.05	14.94	120.44	22.94	5.21	72.19	76.90	-8.04	-6.86	219.65	48.23	267.88	53.10	320.98	49.59

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 01/Sep/2009

Position as on 6.30 Hrs of 02/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.	08/09/2009
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
Parli Unit 4	210	25/07/2009	00.58	02/09/2009	02.05	AOH.	
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
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 3	105	26/08/2009	01.13		Continued.	Generator Rotor E/F	06/09/2009
Koradi Unit 4	115	30/08/2009	17.53	01/09/2009	01.16	Fire in wind box.	
Koradi Unit 5	200	31/08/2009	12.11	02/09/2009	18.44	CHP Problem.	
Cent_Sect NTPC(V-8)	500	01/09/2009	00.31	01/09/2009	18.45	Control Valve Drain Line Leakage.	
Koradi Unit 2	105	01/09/2009	04.43	02/09/2009	13.49	Wet Coal Problem.	
Paras Unit 3	250	01/09/2009	08.05	01/09/2009	11.03	Flame Failure	
Paras Unit 2	55	01/09/2009	18.50		Continued.	Reverse Power Protection	04/09/2009
Paras Unit 3	250	02/09/2009	16.55	02/09/2009	18.49	Due to LT supply trip.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Sep/2009

Position as on 6.30 Hrs of 02/Sep/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Padgha-Tarapur CKT I	01/09/2009	09.37	01/09/2009	18.06	Bay Maintenance
Koradi-Satpur	02/09/2009	10.58	02/09/2009	22.01	Reactor Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - II	01/07/2009	09.12		Continued.	H/T FOR O/V
Kolhapur-Mapusa-II	31/08/2009	23.56	01/09/2009	11.02	Hand Tripped for Over Voltage.
Dhule-Sar'Sarovar II	31/08/2009	23:51	01/09/2009	19.18	H/T for O/V.
Akola - Wardha - I	01/09/2009	01.44		Continued.	Hand Tripped for Over Voltage.
Kolhapur-Mapusa Ckt I	01/09/2009	23.45		Continued.	H/T for O/V
Dhule-S'Sarovar I	02/09/2009	01.31		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		
Tillari - Ponda	01/09/2009	07.35	01/09/2009	09.09	Distance Protection
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 315 MVA ICT at Khadka	01/09/2009	09.53	01/09/2009	12.51	CB Testing
400 KV N'koyna-Bus Coupler	02/09/2009	06.16	02/09/2009	11.03	Oil Filtration work.
400/220 KV,315 MVA ICT-II at Chandrapur	02/09/2009	09.38	02/09/2009	15.37	Testing work.
400 KV M.B.2 At Lamboti.	02/09/2009	11.53	02/09/2009	16.59	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
Karad - Ogalewadi - II	17/08/2009	07.20		Continued.	C.B.Replacement.BREAKER ON TBC AT OGLEWADI.
Kandalgaon-Lonand	26/08/2009	16.04	02/09/2009	12.32	Line on TBC at Lonand end(CB Prob)
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.
220 kv Varsova M.B.-II	01/09/2009	00:22	01/09/2009	2:42	Jumpering Work for 100MVA T/F NO.IV
Karad-Vita-II	01/09/2009	11.02	01/09/2009	16.20	Tan delta measurement
PADGHA-JINDAL	02/09/2009	09.20	02/09/2009	18.24	R.M. work.
220/132 KV,100 MVA ICT-I At Kalmeshwar	02/09/2009	10.02	02/09/2009	12.47	Q.M. Work.
Koradi-Ambazari ckt - II	02/09/2009	10.05	02/09/2009	13.13	Line isolator allignement work.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	27/08/2009	09.07	02/09/2009	18.05	CKT H/T to load Akola ICT.
Wardha--Dhamangaon	27/08/2009	18:18	01/09/2009	09.40	H/T to load Akola ICT
Wardha--Dhamangaon	01/09/2009	12.02	02/09/2009	10.00	H/T to Load Akola ICT
Kandalgaon-Lonand	02/09/2009	12.20	02/09/2009	12.32	H.T. to taken line on own breaker.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Malegaon-Manmad	21/08/2009	13:32		Continued.	ICT -II Problem at 220 Kv Malegaon.
Voltage Level : 220KV			Outage Type TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Sep/2009

Position as on 6.30 Hrs of 02/Sep/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Virur - Gadhchiroli	01/09/2009	00.09	01/09/2009	00.28	Trip, Z 1,R Ph.
BBLSR-RANJANGAON	01/09/2009	04.26	01/09/2009	04.43	Tripped on Distance Protection.
Halkarni-Tillary	01/09/2009	07.35	01/09/2009	08.22	Distance Protection
Bableshwar-Bhenda	02/09/2009	01.05		Continued.	Distanc Protection.
Ambazari-Amravati	02/09/2009	21.35	02/09/2009	21.58	Distance Protection
Ghodbandar-Versova-I	02/09/2009	23.42	02/09/2009	00.00	Tripped.
220/33 KV,100 MVA ICT-II At Versova	02/09/2009	23.42	02/09/2009	23.54	Tripped
Versova-Dhanu	02/09/2009	23.42	02/09/2009	23.59	Tripped.
Versova-Ghodbandar-II	02/09/2009	23.42	02/09/2009	23.54	Tripped.
Voltage Level : 132KV			Outage Type TRIPPED		
Bhandara - Madgi -I	01/09/2009	04.00	01/09/2009	04.14	Distance Protection
Amravati - Achalpur	01/09/2009	10.25	01/09/2009	16.15	Distance Prot., Conductor snapped at Purna
Amravati - Achalpur	02/09/2009	17.16	02/09/2009	22.07	Y Phase CT Burst
Nanded - Tamsa	02/09/2009	22.18		Continued.	Distance Protection
null					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Vita - Miraj	02/09/2009	12.35	02/09/2009	14.45	C.T. tan delta Testing.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 02/Sep/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	0
Unit 3	105	0
Unit 4	105	70
Unit 5	200	0
Unit 6	210	130
Unit 7	210	150
	1040	350
Bhusawal		
Unit 1	58	50
Unit 2	210	160
Unit 3	210	180
	478	390
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	170
Unit 4	210	50
Unit 5	210	170
Unit 6	250	220
	940	650
Chandrapur		
Unit 1	210	150
Unit 2	210	105
Unit 3	210	150
Unit 4	210	180
Unit 5	500	400
Unit 6	500	300
Unit 7	500	300
	2340	1585
Paras		
Unit 2	55	0
Unit 3	250	160
	305	160
Khaparkheda		
Unit 1	210	195
Unit 2	210	170
Unit 3	210	195
Unit 4	210	195
	840	755
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	650
	852	650
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	0
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	10
BHIRA T.R.	80	80
RNGR+BHTSA	20	4
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	164
PENCH (MS)		
Pench (MS)	53	0
	53	0
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	895
RGPPPL III	740	0
	1700	895
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	100
Trombay 7B	60	0
Trombay 8	250	220
TATA Hydro	444	447
	2024	1767
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3320
	3143	3320