



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

State Load Dispatch Center, Airoli

Daily system Report

for

09/Nov/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 09/Nov/2009 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	110.857	967.724	1) Madhya Pradesh	62.672	554.789
2) Hydro	19.377	224.280	2) Gujrat	20.638	189.962
3) Gas	15.440	129.685	3) Goa	-6.321	-61.084
Total MSGENCO	145.674	1321.689	4) TAPS 1&2 (Inj.)	7.280	64.801
B) OTHERS			5) Pench (Excess)	1.256	-0.642
1) RGPPL Gas	22.435	202.796	# Total Cent. Sector	85.525	747.826
2) Wind Generation	6.475	57.788	F) Other Exchanges		
3) PENCH (MS)	0.621	9.201	1) With TPCL	-16.017	-53.474
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	22.727	271.921	1) MSEDCL Bilateral	3.564	32.584
2) TPCL Hydro	7.273	50.518	Include PX	0.000	6.432
TOTAL TPCL	30.000	322.439	2) MUMBAI Bilateral	15.413	57.154
3) REL Thermal	6.309	63.830	Include PX	9.906	13.301
D) STATE			3) MUMBAI Schedule	17.013	60.519
1) Thermal (A1+C1+C3)	139.893	1303.475	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	27.271	283.999	1) MSEDCL	244.713	2285.826
3) Gas (A3+B1)	37.875	332.481	2) TPCL	34.773	291.933
4) Wind (B2)	6.475	57.788	3) REL	17.551	147.825
TOTAL STATE	211.514	1977.743	TOTAL STATE	297.037	2725.584

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4754	4788	4427
MSGENCO Hydro	1313	1620	541
MSGENCO Gas	638	639	657
MSGENCO Total Generation	6705	7047	5625
Central Sector Receipt	3468	3871	3404
RGPPL	934	936	939
WIND	288	210	216
Exchange with TPCL	-953	-993	-341
MSEDCL DEMAND MET	10469	11097	9867
Load Shedding	3075	3285	1659
MSEDCL DEMAND (INCL. LS)	13544	14382	11526
TPCL GENERATION	1430	1394	960
REL GENERATION	258	256	266
TPCL+REL DEMAND	2641	2643	1567
STATE DEMAND MET	13110	13740	11434
STATE DEMAND (INCL. LS)	16185	17025	13093
Frequency (Hz)	49.95	49.92	50.17
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3427 MW AT 09.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			71.99 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.38 Hz at 02.21 Hrs	49.32 Hz at 14.49 Hrs	49.87	0 % of Time

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and Mumbai bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 09/Nov/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.85	17.16	82	70	70
Unit 2	0.00	9.03	0	0	0
Unit 3	1.59	9.11	72	62	75
Unit 4	1.73	16.37	78	69	75
Unit 5	3.47	30.64	154	135	150
Unit 6	3.53	29.53	155	134	150
Unit 7	1.27	29.02	157	0	0
	13.44	140.86			520
Bhusawal					
Unit 1	0.58	5.58	26	18	25
Unit 2	4.20	38.03	183	164	180
Unit 3	4.43	38.10	194	148	200
	9.21	81.70			405
Parli					
Unit 1	0.57	5.07	25	22	25
Unit 2	0.58	3.78	24	22	25
Unit 3	3.89	25.23	183	140	150
Unit 4	4.56	38.79	202	174	150
Unit 5	4.07	35.41	180	146	160
Unit 6	0.00	0.00	0	0	0
	13.67	108.27			510
Chandrapur					
Unit 1	3.87	34.27	168	152	172
Unit 2	4.13	24.48	181	160	172
Unit 3	0.00	29.33	0	0	0
Unit 4	4.22	36.46	203	140	210
Unit 5	8.90	70.54	445	320	450
Unit 6	8.59	83.56	385	330	425
Unit 7	8.78	78.87	418	289	425
	38.49	357.50			1854
Paras					
Unit 2	0.00	0.00	0	0	0
Unit 3	4.87	44.08	221	183	200
	4.87	44.08			200
Khaparkheda					
Unit 1	4.60	21.99	199	166	200
Unit 2	4.61	25.87	199	186	190
Unit 3	0.00	0.00	0	0	0
Unit 4	5.02	39.14	218	200	210
	14.22	87.00			600
Nasik					
Unit 1	1.94	18.26	96	60	90
Unit 2	1.66	17.19	82	46	90
Unit 3	4.74	42.40	206	173	190
Unit 4	4.44	32.47	192	170	180
Unit 5	4.15	37.98	184	166	185
	16.93	148.31			735
Uran					
All Units	15.44	129.68	657	623	620
	15.44	129.68			620
Koyna					
Stage 1-2	1.66	27.88	205	40	600
Stage 4	11.44	135.88	1092	0	250
Koyna 12&4 Total	13.09	163.76			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	3.06	33.97	314	0	320
	16.15	197.73			1170
Hydro					
KDPH	0.00	3.62	0	0	20
VTRNA	0.00	0.00	0	0	0
TILLARI	0.36	4.00	60	0	60
BHTGR/VEER	0.99	7.71	42	41	40
BHIRA T.R.	0.48	3.04	82	0	80
RNGR+BHTSA	0.34	2.99	15	14	15
BHANDARDRA	0.58	1.18	51	14	15
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.44	10	0	10
GHATGHAR	0.42	3.56	125	0	0
	3.23	26.55			240
PENCH (MS)					
Pench (MS)	0.62	9.20	27	23	
	0.62	9.20			
Wind					
MalharPeth	0.54	4.22			
Vankuswadi	1.35	11.12			
ATIT	0.22	2.81			
Kale	0.44	4.21			
Satara	0.36	4.48			
Shirala	0.40	3.73			
K Mahankal	0.52	2.91			
Supa	0.08	0.98			
Vita	1.01	10.17			
Dondaicha	0.63	4.18			
Sakri	0.11	0.85			
Nandurbar	0.08	0.34			
Khadakale	0.24	3.62			
Khaparale	0.49	4.19			
	6.48	57.79			
Dabhol					
RGPP L II	22.44	202.80	939	918	890
RGPP L III	0.00	0.00	0	0	
	22.44	202.80			890
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	0.00	84.78	0	0	0
Trombay 6	12.24	96.42	510	510	500
Trombay 7A	2.88	25.25	122	118	120
Trombay 7B	1.63	14.45	69	67	60
Trombay 8	5.98	51.02	254	234	250
TATA Hydro	7.27	50.52	481	6	447
	30.00	322.44			1377
REL					
1&2	6.31	63.83	267	253	250
	6.31	63.83			250
Cent Sect					
Share					3415
					3415

MS PG CL	Thermal	110.86	967.72		4824
	Thml+Gas	126.30	1097.41		5444
	Hydro	19.38	224.28		1410
	Total	145.67	1321.69		6854
State Total		211.51	1977.74		12786

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/Nov/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	4449	563	651	5663	937	181	3156	3720	-669	-627	9897	1779	11676	1883	13559	49.94
2	4418	509	653	5580	938	218	3134	3647	-495	-454	9952	1801	11753	1662	13415	49.99
3	4427	541	657	5625	939	216	3069	3404	-375	-341	9867	1659	11526	1567	13093	50.17
4	4410	505	656	5571	939	219	3011	3426	-318	-288	9890	1879	11769	1512	13281	50.03
5	4389	371	649	5409	936	232	2998	3355	-304	-262	9693	1950	11643	1482	13125	49.72
6	4375	546	649	5570	937	261	3013	3584	-318	-273	10104	2162	12266	1582	13848	49.71
7	4468	455	648	5571	937	281	3028	3105	-209	-188	9732	2931	12663	1661	14324	49.76
8	4511	281	653	5445	938	271	3233	3127	-143	-107	9701	3285	12986	1745	14731	50.04
9	4580	297	650	5527	936	323	3243	3326	-379	-337	9802	3506	13308	1978	15286	49.90
10	4591	742	645	5978	936	313	3548	3178	-690	-665	9766	3490	13256	2297	15553	49.78
11	4617	1213	645	6475	937	257	3669	3435	-928	-886	10245	3061	13306	2563	15869	49.92
12	4754	1313	638	6705	934	288	3687	3468	-1002	-953	10469	3075	13544	2641	16185	49.95
13	4711	1085	635	6431	934	246	3686	3630	-1004	-963	10304	2991	13295	2642	15937	49.92
14	4627	1007	630	6264	927	166	3658	3869	-930	-888	10365	2959	13324	2555	15879	49.83
15	4697	1029	623	6349	918	177	3681	3763	-1004	-962	10272	3119	13391	2607	15998	49.62
16	4789	1205	629	6623	928	182	3681	3310	-1029	-989	10080	3218	13298	2627	15925	49.76
17	4817	1454	628	6899	931	253	3681	3189	-1029	-986	10313	3111	13424	2600	16024	49.72
18	4785	1553	633	6971	935	198	3664	3574	-961	-921	10784	2811	13595	2561	16156	49.81
19	4788	1620	639	7047	936	210	3728	3871	-1039	-993	11097	3285	14382	2643	17025	49.92
20	4771	1170	644	6585	936	313	3526	3963	-976	-918	10906	3464	14370	2561	16931	49.90
21	4731	660	643	6034	935	379	3412	4279	-835	-782	10872	3190	14062	2398	16460	49.86
22	4750	426	645	5821	937	403	3378	3821	-780	-733	10275	3216	13491	2297	15788	49.86
23	4641	278	641	5560	935	439	3396	3950	-798	-747	10164	2960	13124	2175	15299	49.69
24	4584	554	649	5787	939	452	3402	3523	-798	-754	9974	2154	12128	2087	14215	50.15
MUs	110.68	19.38	15.43	145.49	22.44	6.48	81.68	85.52	-17.01	-16.02	244.52	67.06	311.58	52.33	363.91	49.87

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 09/Nov/2009

Position as on 6.30 Hrs of 10/Nov/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
Paras Unit 2	55	11/10/2009	13:29		Continued.	AOH.	10/11/2009
Cent_Sect NTPC(V-5)	210	21/10/2009	23.57		Continued.	Boiler Overhaul	10/11/2009
Khaparkheda Unit 3	210	23/10/2009	23.59		Continued.	Annual Overhaul	19/11/2009
Parli Unit 6	250	31/10/2009	13.01		Continued.	Hydrogen Leakage.	15/11/2009
REL 2	250	02/11/2009	03.06		Continued.	Annual Overhaul	25/11/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	30/11/2009
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	31/03/2010
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	07/01/2010
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 2	105	06/11/2009	21.23		Continued.	E.S.P. work	09/11/2009
Tata Trombay 5	500	08/11/2009	11:22	10/11/2009	07.44	Boiler Tube Leakage.	
Chandrapur Unit 3	210	08/11/2009	16:04	10/11/2009	03.33	Furnance Pressure Low.	
Koradi Unit 7	210	08/11/2009	23:45	09/11/2009	14:20	Super heater leakage.	
Bhusawal Unit 1	58	10/11/2009	04:08		Continued.	H. P. Heater Leakage.	11/11/2009
Koradi Unit 5	200	10/11/2009	07.32	10/11/2009	11.45	Gen.Prot.Operated.	
Nasik Unit 2	125	10/11/2009	21.05		Continued.	Belly Valve Leakage.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Nov/2009

Position as on 6.30 Hrs of 10/Nov/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		
WARDHA-AKOLA-II	24/10/2009	16.46		Continued.	H/T due to over voltage
Chandrapur-Bhadravti - I	05/11/2009	10.07		Continued.	H/T To control C'pur-Parli line loading.
Dhule-Sar'Sarovar II	06/11/2009	19.51	09/11/2009	10:51	H/T for over voltage
Dhule-Sar'Sarovar II	09/11/2009	10:48		Continued.	H/T for O/V.
Kolhapur-Mapusa Ckt I	10/11/2009	22.03		Continued.	H/T For O/V.
Voltage Level : 400KV			Outage Type TRIPPED		
KOLHAPUR-MAPUSA-II	09/11/2009	23:46	10/11/2009	10.29	H/T for O/V.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/132KV,200 MVA ICT-II at Bhusawal	26/10/2009	09.32		Continued.	Over hauling work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Bus-Coupler at Kalwa	26/10/2009	09.28		Continued.	C.B.Replacement.
Kalwa-Mulund II	02/11/2009	09:20		Continued.	To Overhaul to 220 Kv ABB make SF6 Breaker. Line taken on TBC.
Main C.B. 220KV RLY TSS CKT-I at Kalmeshwar	07/11/2009	10.03		Continued.	Breaker Overhaul, Ckt on TBC
Kanhan - Bhandara - I	09/11/2009	08:50	09/11/2009	17:20	Diss Replacement Work.
Chandrapur MIDC - Gadchandur	09/11/2009	08:50	09/11/2009	17:05	Ten Delta of C.T.
220/132 KV,100 MVA ICT At Parli I	09/11/2009	11:20	09/11/2009	13:14	To atead Heavy Air leakage from Air Vakve of R-Ph Breaker.
Mudshingi-Wathar	09/11/2009	13:15	09/11/2009	15:05	Ten Delta Measurement.
Kolhapur-Karad-IV	09/11/2009	15:15	09/11/2009	16:55	Ten Delta Measurement.
220/132 KV 200 MVA ICT-I at Harangul S/S.	10/11/2009	07.00	10/11/2009	12.10	Q.M.Work
Karad - Vita - I	10/11/2009	08.22	10/11/2009	19.14	Insulator Replacement.
Padghe - Nashik - II	10/11/2009	08.42	10/11/2009	18.12	Insulator Replacement.
Talangade - Mumewadi	10/11/2009	09.04	10/11/2009	18.38	Insulator Replacement.
Nasik-Bablsr Ckt I	10/11/2009	09.13	10/11/2009	17.54	Disc Insulator Replacement.
220/110 KV 100 MVA T/F.At Miraj.	10/11/2009	09.55	10/11/2009	16.35	Q.M.Work
Main Bus at Vita	10/11/2009	10.05	10/11/2009	15.52	Q.M.Work
220/132KV,115MVA ICT-II at Lonand.	10/11/2009	10.22	10/11/2009	15.00	Q.M.Work
Wardha--Dhamangaon	10/11/2009	10.50	10/11/2009	14.48	Testing work.
Trombay-Mulund	10/11/2009	13.05	10/11/2009	17.00	To attend Red Hot On line.
220 KV Main Bus at Murud	10/11/2009	14.50	10/11/2009	18.30	R.M.Work
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Bhandara-Tekepar	29/10/2009	09.13		Continued.	Breaker Replacement.
Boiser - Palghar - I	10/11/2009	15.35	10/11/2009	16.37	Testing Work.
Voltage Level : 132KV			Outage Type FORCED OUTAGE		
Paras-Malegaon	17/10/2009	11.43	10/11/2009	19.05	Ckt on TBC due to main breaker Problem.
Voltage Level : 400KV			Outage Type HAND TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Nov/2009

Position as on 6.30 Hrs of 10/Nov/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
C'pur-Parli II	04/11/2009	18.20		Continued.	Land Sliding at Loc.No 78 at Bargaon,Tal-Wani.
Chandrapur - Parly - 3	04/11/2009	18.30	10/11/2009	19.06	Land Sliding at Loc.78 at Bargaon,Tal-Wani.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	07/11/2009	22.35	10/11/2009	10.16	To control load on Akola ICT
Wardha--Dhamangaon	10/11/2009	23.21		Continued.	To Control H/V at 400 KV Akola S/S.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Pachora - Chalisgaon CKT -I.	06/11/2009	17.57	10/11/2009	18.50	To control Bhusawal ICT load
Pachora-Chalisgaon Ckt.II.	06/11/2009	17.57	10/11/2009	18.50	To control Bhusawal ICT load
Voltage Level : 400KV			Outage Type TRIPPED		
Parli-Solapur	08/11/2009	19:02	09/11/2009	15:52	Tripped on Distn. Protn.
Voltage Level : 220KV			Outage Type TRIPPED		
Hinganghat-Bhugaon	09/11/2009	10:38	09/11/2009	13:41	Tripped on Backup earth fault.
Warora-Hinganghat	09/11/2009	10:38	09/11/2009	13:18	Tripped on Backup earth fault.
BBLSWR-AIEPHATA	09/11/2009	19:54	09/11/2009	20:25	Tripped on Dist. Prot.
Trombay-Kalwa	09/11/2009	22:05	09/11/2009	22:26	Tripped on Dist. Prot.
Tata-Tie-2 at Trombay.	10/11/2009	06:17	10/11/2009	07.19	Pilot Wire Tripped.
Butibori - Wardha	10/11/2009	09.25	10/11/2009	09.41	Dist.Protection.
Jejuri I-Jejuri II	10/11/2009	14.59	10/11/2009	17.50	Dist.Prot.R-E.
Dondaicha - Shahada	10/11/2009	21.05		Continued.	Dist.Protection.
220/22 KV, 50MVA T/F at Chinchwad	10/11/2009	23.50		Continued.	Tripped on Buchhloz.
Voltage Level : 132KV			Outage Type TRIPPED		
132/33KV 25MVA T/F at Hinganghat.	09/11/2009	10:38		Continued.	T/F Caught fire and burnt.
Kanhan - Mouda	09/11/2009	20:23	09/11/2009	22:35	Dist. Prot.
Kannad - Kagzipura	10/11/2009	02.55		Continued.	Distance protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 10/Nov/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	0
Unit 3	105	70
Unit 4	105	70
Unit 5	200	150
Unit 6	210	150
Unit 7	210	140
	1040	650
Bhusawal		
Unit 1	58	0
Unit 2	210	180
Unit 3	210	190
	478	370
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	165
Unit 4	210	160
Unit 5	210	165
Unit 6	250	0
	940	530
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	150
Unit 4	210	210
Unit 5	500	450
Unit 6	500	425
Unit 7	500	425
	2340	2000
Paras		
Unit 2	55	0
Unit 3	250	202
	305	202
Khaparkheda		
Unit 1	210	200
Unit 2	210	185
Unit 3	210	0
Unit 4	210	210
	840	595
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	190
Unit 4	210	180
Unit 5	210	190
	870	740
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	0
VTRNA	60	50
TILLARI	60	60
BHTGR/VEER	21	40
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	245
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		
RGPL II	960	900
RGPL III	740	
	1700	900
Tata		
Trombay 4	150	0
Trombay 5	500	0
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1377
REL		
1&2	500	250
	500	250
Cent Sect		
Share	3143	3142
	3143	3142