



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

State Load Dispatch Center, Airoli

Daily system Report

for

08/Nov/2009

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	108.928	748.981	1) Madhya Pradesh	59.729	427.124
2) Hydro	34.788	174.067	2) Gujrat	14.505	154.594
3) Gas	14.841	101.843	3) Goa	-6.621	-49.009
Total MSGENCO	158.557	1024.891	4) TAPS 1&2 (Inj.)	7.260	50.213
B) OTHERS			5) Pench (Excess)	0.685	-3.041
1) RGPPL Gas	22.867	157.417	# Total Cent. Sector	75.558	579.881
2) Wind Generation	6.734	44.092	F) Other Exchanges		
3) PENCH (MS)	1.167	7.857	1) With TPCL	-4.852	-33.837
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	33.375	223.656	1) MSEDCL Bilateral	2.207	25.456
2) TPCL Hydro	5.537	35.542	Include PX	0.000	6.432
TOTAL TPCL	38.912	259.198	2) MUMBAI Bilateral	5.793	38.594
3) REL Thermal	6.351	51.184	Include PX	0.794	3.395
D) STATE			3) MUMBAI Schedule	5.793	39.194
1) Thermal (A1+C1+C3)	148.654	1023.821	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	41.492	217.466	1) MSEDCL	260.031	1780.301
3) Gas (A3+B1)	37.708	259.260	2) TPCL	33.329	229.077
4) Wind (B2)	6.734	44.092	3) REL	16.785	115.161
TOTAL STATE	234.588	1544.639	TOTAL STATE	310.145	2124.539

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4726	4549	4340
MSGENCO Hydro	1691	2023	938
MSGENCO Gas	632	635	571
MSGENCO Total Generation	7049	7207	5849
Central Sector Receipt	3079	3774	2985
RGPPL	939	952	961
WIND	363	242	236
Exchange with TPCL	-369	-328	52
MSEDCL DEMAND MET	11115	11901	10136
Load Shedding	3426	3920	1998
MSEDCL DEMAND (INCL. LS)	14541	15821	12134
TPCL GENERATION	1794	1865	1380
REL GENERATION	263	258	267
TPCL+REL DEMAND	2426	2451	1595
STATE DEMAND MET	13541	14352	11731
STATE DEMAND (INCL. LS)	16967	18272	13729
Frequency (Hz)	49.62	49.77	49.95
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4905 MW AT 19.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			99.58 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.34 Hz at 21.53 Hrs	49.17 Hz at 04.41 Hrs	49.74	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 08/Nov/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.90	15.31	92	50	80
Unit 2	0.00	9.03	0	0	0
Unit 3	1.61	7.51	82	40	80
Unit 4	1.76	14.64	85	61	80
Unit 5	3.12	27.17	152	76	130
Unit 6	2.85	25.99	148	55	140
Unit 7	3.23	27.76	158	87	150
	14.46	127.42			660
Bhusawal					
Unit 1	0.60	4.99	28	22	25
Unit 2	4.22	33.83	183	166	180
Unit 3	4.52	33.66	195	181	200
	9.34	72.49			405
Parli					
Unit 1	0.57	4.49	25	23	20
Unit 2	0.56	3.20	24	22	20
Unit 3	3.66	21.34	169	140	150
Unit 4	4.47	34.23	200	174	175
Unit 5	4.01	31.34	175	149	160
Unit 6	0.00	0.00	0	0	0
	13.27	94.60			525
Chandrapur					
Unit 1	3.84	30.40	164	148	170
Unit 2	3.66	20.35	171	140	170
Unit 3	2.44	29.33	165	0	200
Unit 4	3.59	32.24	164	119	210
Unit 5	8.16	61.65	362	303	450
Unit 6	7.94	74.97	360	285	425
Unit 7	8.44	70.09	366	330	425
	38.06	319.01			2050
Paras					
Unit 2	0.00	0.00	0	0	0
Unit 3	4.93	39.21	230	187	220
	4.93	39.21			220
Khaparkheda					
Unit 1	3.96	17.39	203	0	185
Unit 2	2.16	21.27	195	0	0
Unit 3	0.00	0.00	0	0	0
Unit 4	5.04	34.12	214	202	195
	11.16	72.78			380
Nasik					
Unit 1	2.12	16.32	98	66	95
Unit 2	1.40	15.54	72	50	60
Unit 3	4.50	37.65	207	164	162
Unit 4	4.41	28.03	192	170	180
Unit 5	4.22	33.83	186	167	176
	16.66	131.37			673
Uran					
All Units	12.40	114.24	652	471	600
	12.40	114.24			600
Koyna					
Stage 1-2	2.72	26.22	420	35	600
Stage 4	20.78	124.45	1120	401	250
Kovna 12&4 Total	23.50	150.67			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	4.34	30.91	320	0	320
	27.83	181.58			1170
Hydro					
KDPH	0.33	3.62	20	0	20
VTRNA	0.00	0.00	0	0	0
TILLARI	0.36	3.65	60	0	60
BHTGR/VEER	0.96	6.72	40	40	25
BHIRA T.R.	0.32	2.56	82	0	80
RNGR+BHTSA	0.36	2.65	15	15	15
BHANDARDRA	0.34	0.60	15	14	15
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.38	10	0	10
GHATGHAR	0.28	3.14	125	0	0
	3.00	23.32			225
PENCH (MS)					
Pench (MS)	0.72	8.58	50	23	0
	0.72	8.58			0
Wind					
MalharPeth	0.66	3.68			
Vankuswadi	1.44	9.77			
ATIT	0.52	2.59			
Kale	0.57	3.76			
Satara	0.51	4.12			
Shirala	0.46	3.33			
K Mahankal	0.16	2.39			
Supa	0.06	0.90			
Vita	1.20	9.16			
Dondaicha	0.80	3.55			
Sakri	0.14	0.73			
Nandurbar	0.10	0.26			
Khadakale	0.20	3.38			
Khaparale	0.41	3.70			
	7.22	51.31			
Dabhol					
RGPP L II	22.94	180.36	961	943	900
RGPP L III	0.00	0.00	0	0	0
	22.94	180.36			900
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	5.44	84.78	500	0	500
Trombay 6	9.76	84.18	510	250	250
Trombay 7A	2.87	22.37	122	117	120
Trombay 7B	1.62	12.83	68	67	60
Trombay 8	5.85	45.04	256	228	250
TATA Hydro	7.70	43.24	467	44	447
	33.24	292.44			1627
REL					
1&2	6.34	57.52	267	254	250
	6.34	57.52			250
Cent Sect					
Share					2973
					2973

MS PG CL	Thermal	107.89	856.87		4913
	Thml+Gas	120.29	971.11		5513
	Hydro	30.84	204.90		1395
	Total	151.12	1176.02		6908
State Total		221.59	1766.23		12658

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/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	4482	1012	513	6007	960	324	2562	3115	24	57	10490	1985	12475	1849	14324	49.82
2	4465	1046	489	6000	960	343	2558	3248	24	60	10638	2024	12662	1706	14368	49.88
3	4491	1122	489	6102	960	348	2560	3074	24	57	10568	1892	12460	1608	14068	50.06
4	4467	1146	488	6101	961	347	2570	2868	24	47	10351	2105	12456	1553	14009	50.00
5	4530	1151	488	6169	960	349	2560	3048	24	63	10616	2193	12809	1497	14306	49.80
6	4544	1386	490	6420	961	376	2585	3169	24	61	11013	2473	13486	1547	15033	49.93
7	4519	1059	483	6061	961	416	2601	3190	24	64	10719	3206	13925	1582	15507	49.99
8	4514	815	491	5820	959	371	2869	3364	29	47	10611	3570	14181	1590	15771	49.97
9	4517	704	485	5706	958	405	2864	3094	29	46	10259	3850	14109	1672	15781	49.68
10	4455	1223	484	6162	956	423	3074	3381	-183	-156	10816	3845	14661	1811	16472	49.72
11	4368	1918	480	6766	952	433	3200	3398	-183	-143	11456	3376	14832	1854	16686	49.74
12	4217	1701	476	6394	950	413	3277	3672	-183	-227	11225	3577	14802	1860	16662	49.86
13	4307	1569	476	6352	943	398	3216	3581	-185	-185	11112	3239	14351	1853	16204	49.86
14	4432	1894	473	6799	945	345	3119	3520	-235	-179	11454	3210	14664	1840	16504	49.95
15	4534	1949	471	6954	948	329	3049	3022	-245	-189	11091	3377	14468	1854	16322	49.83
16	4559	1745	478	6782	954	274	3063	3145	-245	-203	10978	3479	14457	1837	16294	49.92
17	4593	1540	484	6617	956	198	3097	3441	-210	-167	11072	3359	14431	1794	16225	50.01
18	4638	1389	488	6515	957	175	3121	3620	-257	-220	11073	3086	14159	1806	15965	49.98
19	4528	1785	544	6857	957	164	3256	4105	-457	-403	11707	3525	15232	2001	17233	50.08
20	4463	1405	555	6423	957	184	3255	4011	-525	-471	11130	4252	15382	2054	17436	50.11
21	4482	1133	638	6253	957	169	3222	4056	-515	-488	10974	3939	14913	2059	16972	49.91
22	4578	952	643	6173	959	149	3199	3997	-450	-421	10883	3957	14840	2019	16859	49.99
23	4648	681	644	5973	956	153	3111	3520	-375	-372	10257	3807	14064	2028	16092	49.74
24	4555	511	652	5718	957	135	3087	3781	-293	-298	10319	2869	13188	1924	15112	50.00
MUs	107.89	30.84	12.40	151.12	22.94	7.22	71.08	82.42	-4.31	-3.62	260.81	76.20	337.01	43.20	380.20	49.91

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/Nov/2009

Position as on 6.30 Hrs of 08/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 Overhall	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	
Khaparkheda Unit 1	210	03/11/2009	11.53	07/11/2009	09.20	Boiler tube leakage.	
Khaparkheda Unit 2	210	05/11/2009	01.58	08/11/2009	09:45	BLR T/L.	
Cent_Sect NTPC(V-10)	500	05/11/2009	09.55	07/11/2009	20.15	BLR T/L.	
Koradi Unit 2	105	06/11/2009	21.23		Continued.	E.S.P. work	09/11/2009
Parli Unit 5	210	07/11/2009	04.12	07/11/2009	08.24	Generator protection operated	
Paras Unit 3	250	07/11/2009	15.00	07/11/2009	18.15	Flame failure.	
Uran Unit 5	108	08/11/2009	00.10	08/11/2009	17:52	Filter replacement	
Tata Trombay 5	500	08/11/2009	11:22		Continued.	Boiler Tube Leakage.	10/11/2009
Chandrapur Unit 3	210	08/11/2009	16:04		Continued.	Furnance Pressure Low.	11/11/2009
Khaparkheda Unit 1	210	08/11/2009	18:25	08/11/2009	21:28	Feed Water Valve Problem.	
Koradi Unit 7	210	08/11/2009	23:45		Continued.	Super heater leakage.	10/11/2009

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

Position as on 6.30 Hrs of 08/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		Continued.	H/T for over voltage
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.
400 KV Jejuri Bus - I	08/11/2009	10:20	08/11/2009	13:30	To Connect Jumper for new ICT bay.
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.
220/100KV,125MVA ICT-III at Kalwa	05/11/2009	22.51	07/11/2009	14.14	Oil-Filteration.
Trombay-Kalwa	06/11/2009	22.51	07/11/2009	04.51	Bus section-I outage at Trombay
220/132KV, 125 MVA ICT-II at Trombay	06/11/2009	22.53	07/11/2009	04.59	Bus Section I outage at Trombay
Trombay - Tata Tie - II	06/11/2009	23.05	07/11/2009	04.58	Bus section-I outage at Trombay
Bus section - I at Trombay	06/11/2009	23.10	07/11/2009	04.19	To attend Red Hot
Dahanu-Versova	07/11/2009	07.45	07/11/2009	19.43	Line maintenance
Talangade - Mumewadi	07/11/2009	09.15	07/11/2009	17.08	Insulator replacement
Main C.B. 220KV RLY TSS CKT-I at Kalmeshwar	07/11/2009	10.03		Continued.	Breaker Overhaul, Ckt on TBC
220/132 KV,200MVA,ICT-I At Satana	07/11/2009	10.30	07/11/2009	15.35	Testing Work.
Dahanu-Ghodbandar-2	08/11/2009	08:10	08/11/2009	18:40	Line Maintainance.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Bhandara-Tekepar	29/10/2009	09.13		Continued.	Breaker Replacement.
Gangakhed - Kandhar	01/11/2009	12.05	07/11/2009	11.40	Breaker replacement
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kandalgaon-Roha-II	07/11/2009	09.15	07/11/2009	18.30	Insulator replacement
Bus section at Kolshett	07/11/2009	10.27	07/11/2009	13.35	Y phase C.T. oil leakage
Borivali-Tata-I	08/11/2009	10:01	08/11/2009	12:55	R. M. Work.
Voltage Level : 132KV			Outage Type FORCED OUTAGE		
Paras-Malegaon	17/10/2009	11.43		Continued.	Ckt on TBC due to main breaker Problem.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
C'pur-Parli II	04/11/2009	18.20		Continued.	Land Sliding at Loc.No 78 at Borgaon,Tal-Wani.
Chandrapur - Parly - 3	04/11/2009	18.30		Continued.	Land Sliding at Loc.78 at Borgaon,Tal-Wani.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	02/11/2009	22:37	07/11/2009	15.01	To load Akola ICT.
Lonikhand-Ranjangaon	04/11/2009	06.50	08/11/2009	10.00	To Control LNKND ICT Loading.
Wardha-Badnera	07/11/2009	22.35		Continued.	To control load on Akola ICT

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

Position as on 6.30 Hrs of 08/Nov/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Pardi-Uppalwadi	04/11/2009	18.26	08/11/2009	22:08	H/T To Control 132KV Ambazari-Mankapur load.
Pachora - Chalisgaon CKT -I.	06/11/2009	17.57		Continued.	To control Bhusawal ICT load
Pachora-Chalisgaon Ckt.II.	06/11/2009	17.57		Continued.	To control Bhusawal ICT load
Beed- Raimoha	08/11/2009	11:15	08/11/2009	13:40	H/T to attend Hot Spot on Isolator.
Voltage Level : 400KV			Outage Type TRIPPED		
Parli-Solapur	08/11/2009	19:02		Continued.	Tripped on Distn. Protn.
Voltage Level : 220KV			Outage Type TRIPPED		
Parly - Girwali - IV	06/11/2009	16.54	08/11/2009	17:25	Bus bar protection operated at Parly
Voltage Level : 132KV			Outage Type TRIPPED		
Kanhan-Pardi	08/11/2009	21:52	08/11/2009	22:43	Tripped on Distn. Protn. B Ph Zone 1.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 08/Nov/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	80
Unit 2	105	0
Unit 3	105	80
Unit 4	105	80
Unit 5	200	130
Unit 6	210	140
Unit 7	210	150
	1040	660
Bhusawal		
Unit 1	58	25
Unit 2	210	180
Unit 3	210	200
	478	405
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	150
Unit 4	210	175
Unit 5	210	160
Unit 6	250	0
	940	525
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	200
Unit 4	210	210
Unit 5	500	450
Unit 6	500	425
Unit 7	500	425
	2340	2050
Paras		
Unit 2	55	0
Unit 3	250	220
	305	220
Khaparkheda		
Unit 1	210	185
Unit 2	210	0
Unit 3	210	0
Unit 4	210	195
	840	380
Nasik		
Unit 1	120	95
Unit 2	120	60
Unit 3	210	162
Unit 4	210	180
Unit 5	210	176
	870	673
Uran		
All Units	852	600
	852	600
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	20
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	25
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	15
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	225
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		
RGPL II	960	900
RGPL III	740	0
	1700	900
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	250
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1627
REL		
1&2	500	250
	500	250
Cent Sect		
Share	3143	2973
	3143	2973