



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

State Load Dispatch Center, Airoli

Daily system Report

for

10/Aug/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 10/Aug/2009 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	112.991	1041.560	1) Madhya Pradesh	44.614	425.969
2) Hydro	22.489	187.039	2) Gujrat	16.589	174.217
3) Gas	15.069	134.701	3) Goa	-5.808	-54.215
Total MSGENCO	150.549	1363.300	4) TAPS 1&2 (Inj.)	7.202	73.024
B) OTHERS			5) Pench (Excess)	-0.359	-5.527
1) RGPPL Gas	22.507	219.973	# Total Cent. Sector	62.238	613.468
2) Wind Generation	13.331	179.875	F) Other Exchanges		
3) PENCH (MS)	0.359	5.527	1) With TPCL	-4.661	-37.248
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	29.149	295.607	1) MSEDCL Bilateral	2.911	29.021
2) TPCL Hydro	5.213	44.036	Include PX	0.103	3.872
TOTAL TPCL	34.362	339.643	2) MUMBAI Bilateral	5.756	41.730
3) REL Thermal	12.636	112.618	Include PX	0.578	8.060
D) STATE			3) MUMBAI Schedule	5.756	45.166
1) Thermal (A1+C1+C3)	154.776	1449.785	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	28.061	236.602	1) MSEDCL	244.323	2344.895
3) Gas (A3+B1)	37.576	354.674	2) TPCL	34.361	323.037
4) Wind (B2)	13.331	179.875	3) REL	17.297	166.419
TOTAL STATE	233.744	2220.936	TOTAL STATE	295.981	2834.351

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	4707	4713	4702
MSGENCO Hydro	1148	1860	498
MSGENCO Gas	629	630	626
MSGENCO Total Generation	6484	7203	5826
Central Sector Receipt	2996	2402	2290
RGPPL	937	937	943
WIND	514	690	595
Exchange with TPCL	-442	-161	27
MSEDCL DEMAND MET	10489	11095	9704
Load Shedding	2644	3208	1171
MSEDCL DEMAND (INCL. LS)	13133	14303	10875
TPCL GENERATION	1670	1733	923
REL GENERATION	525	523	528
TPCL+REL DEMAND	2637	2417	1424
STATE DEMAND MET	13126	13512	11128
STATE DEMAND (INCL. LS)	15770	16720	12299
Frequency (Hz)	49.24	49.07	49.15
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4183 MW at 20.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			67.98 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
49.77 Hz at 15.03 Hrs	48.76 Hz at 00.19 Hrs	49.13	28.61 % 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 10/Aug/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	1.65	16.31	72	65	70
Unit 3	1.54	14.09	69	57	60
Unit 4	1.87	18.65	84	68	80
Unit 5	4.29	40.68	180	175	175
Unit 6	4.23	27.91	185	168	180
Unit 7	0.00	0.00	0	0	0
	13.58	117.65			565
Bhusawal					
Unit 1	1.22	11.48	53	48	50
Unit 2	3.29	30.60	152	121	160
Unit 3	4.38	42.84	190	160	190
	8.89	84.93			400
Parli					
Unit 1	0.56	5.39	25	22	20
Unit 2	0.58	5.68	26	23	20
Unit 3	4.24	42.09	183	156	160
Unit 4	0.00	0.00	0	0	0
Unit 5	4.26	41.61	183	169	160
Unit 6	4.83	27.05	216	147	200
	14.48	121.80			560
Chandrapur					
Unit 1	3.81	37.96	169	155	160
Unit 2	3.36	34.49	143	136	145
Unit 3	4.81	47.08	206	191	205
Unit 4	4.79	46.25	208	180	200
Unit 5	8.79	100.28	400	340	400
Unit 6	9.74	98.30	425	375	425
Unit 7	0.00	0.00	0	0	0
	35.30	364.36			1535
Paras					
Unit 2	0.60	3.78	27	23	20
Unit 3	4.91	27.55	220	183	200
	5.51	31.33			220
Khaparkheda					
Unit 1	4.69	46.75	204	181	200
Unit 2	4.56	44.95	198	178	200
Unit 3	5.07	48.51	214	203	210
Unit 4	5.04	41.42	214	203	210
	19.36	181.63			820
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	1.96	15.62	93	58	80
Unit 3	4.80	45.62	207	177	200
Unit 4	4.62	37.09	200	176	180
Unit 5	4.50	41.53	197	178	180
	15.88	139.86			640
Uran					
All Units	15.07	134.70	638	615	620
	15.07	134.70			620
Koyna					
Stage 1-2	3.72	33.90	485	35	600
Stage 4	12.95	100.73	1126	0	250
Koyna 12&4 Total	16.66	134.63			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	3.55	30.38	240	0	240
	20.21	165.00			1090
Hydro					
KDPH	0.00	0.43	0	0	0
VTRNA	0.00	0.19	0	0	0
TILLARI	0.82	7.28	60	0	60
BHTGR/VEER	0.22	3.20	9	9	10
BHIRA T.R.	0.46	3.14	82	0	80
RNGR+BHTSA	0.26	3.03	11	11	11
BHANDARDRA	0.06	2.37	28	0	10
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.46	2.39	120	0	0
	2.28	22.03			171
PENCH (MS)					
Pench (MS)	0.36	5.53	27	0	0
	0.36	5.53			0
Wind					
MalharPeth	0.65	8.43			
Vankuswadi	1.55	18.30			
ATIT	0.76	4.86			
Kale	0.89	5.84			
Satara	0.59	11.10			
Shirala	0.71	6.01			
K Mahankal	0.30	7.27			
Supa	0.31	3.25			
Vita	2.52	28.24			
Dondaicha	2.75	51.68			
Sakri	0.54	10.56			
Nandurbar	0.33	5.54			
Khadakale	0.87	12.25			
Khaparale	0.54	6.54			
	13.33	179.88			
Dabhol					
RGPP L II	22.51	219.97	944	927	880
RGPP L III	0.00	0.00	0	0	0
	22.51	219.97			880
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.00	120.54	505	465	500
Trombay 6	10.28	106.95	510	160	500
Trombay 7A	2.71	21.84	115	110	100
Trombay 7B	0.00	0.00	0	0	0
Trombay 8	4.16	46.28	213	150	170
TATA Hydro	5.21	44.04	452	2	447
	34.36	339.64			1717
REL					
1&2	12.64	112.62	529	522	500
	12.64	112.62			500
Cent Sect					
Share					2400
					2400

MS PG CL	Thermal	112.99	1041.56		4740
	Thml+Gas	128.06	1176.26		5360
	Hydro	22.49	187.04		1261
	Total	150.55	1363.30		6621
State Total		233.74	2220.94		12118

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/Aug/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	4670	680	624	5974	939	627	2351	2254	-32	18	9839	1203	11042	1776	12818	48.93
2	4714	581	630	5925	943	611	2351	2329	-32	24	9859	1202	11061	1589	12650	49.11
3	4697	458	623	5778	939	571	2351	2295	-32	29	9635	1225	10860	1459	12319	48.98
4	4702	498	626	5826	943	595	2352	2290	-32	27	9704	1171	10875	1424	12299	49.15
5	4657	592	625	5874	941	524	2352	2343	-32	23	9722	1192	10914	1427	12341	49.15
6	4729	1097	626	6452	941	517	2354	2298	-32	20	10228	1428	11656	1501	13157	49.06
7	4739	584	626	5949	941	446	2433	2297	-45	6	9639	2562	12201	1648	13849	49.08
8	4747	201	633	5581	941	397	2680	2590	-45	4	9513	2860	12373	1776	14149	49.28
9	4734	211	635	5580	939	427	2704	2670	-72	-25	9591	3008	12599	2081	14680	49.23
10	4717	754	635	6106	939	446	2933	3010	-401	-356	10145	2771	12916	2425	15341	49.29
11	4707	1148	629	6484	937	514	3013	2996	-482	-442	10489	2644	13133	2637	15770	49.24
12	4722	1141	622	6485	934	545	3067	2966	-535	-491	10439	2539	12978	2712	15690	49.13
13	4670	1016	615	6301	930	505	3077	2930	-544	-508	10182	2639	12821	2700	15521	49.05
14	4653	842	624	6119	935	635	2998	3003	-465	-439	10277	2648	12925	2590	15515	49.24
15	4752	668	621	6041	927	649	3002	2880	-470	-431	10090	2794	12884	2598	15482	49.15
16	4706	589	626	5921	932	653	2993	2906	-466	-437	10001	2690	12691	2609	15300	49.31
17	4716	657	628	6001	929	678	2990	2976	-469	-440	10145	2815	12960	2594	15554	49.21
18	4723	735	630	6088	934	735	2930	2908	-454	-429	10236	2751	12987	2526	15513	49.22
19	4696	1438	634	6768	935	724	2635	2631	-309	-275	10798	2603	13401	2450	15851	49.11
20	4713	1860	630	7203	937	690	2425	2402	-201	-161	11095	3208	14303	2417	16720	49.07
21	4747	1878	638	7263	941	556	2435	2429	-210	-156	11056	2934	13990	2370	16360	49.09
22	4693	1677	627	6997	943	469	2359	2317	-133	-75	10678	2796	13474	2260	15734	49.01
23	4708	1703	627	7038	944	393	2369	2313	-147	-87	10628	2048	12676	2114	14790	48.97
24	4659	1481	635	6775	943	424	2465	2389	-117	-60	10498	1517	12015	1976	13991	49.00
MUs	112.97	22.49	15.07	150.53	22.51	13.33	63.62	62.42	-5.76	-4.66	244.49	55.25	299.74	51.66	351.39	49.13

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 10/Aug/2009

Position as on 6.30 Hrs of 11/Aug/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
Chandrapur Unit 7	500	16/07/2009	04:53		Continued.	A/OH.	15/08/2009
Cent_Sect NTPC(V-7)	500	18/07/2009	23.27		Continued.	Annual Overhaul.	20/08/2009
Koradi Unit 7	210	20/07/2009	09.57		Continued.	Annual Overhaul	14/08/2009
Koradi Unit 1	105	24/07/2009	01:20		Continued.	ANNUAL OVERHAUL	03/09/2009
Parli Unit 4	210	25/07/2009	00.58		Continued.	AOH.	20/08/2009
Koyna Unit 11	80	25/07/2009	15.30		Continued.	To attend Stator Earth Fault	31/08/2009
Cent_Sect NTPC(K-5)	500	31/07/2009	23.50		Continued.	Annual Overhaul	30/08/2009
Cent_Sect Kawas ST2C	116	09/08/2009	00:38		Continued.	AOH	24/08/2009
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	
Khaparkheda Unit 1	210	11/08/2009	14.56		Continued.	Boiler Tube Leaakge	13/08/2009

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Aug/2009

Position as on 6.30 Hrs of 11/Aug/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Kolhapur-Phonda Ckt. I	26/07/2009	09.10		Continued.	Outage.
Tillary-Phonda	26/07/2009	09.52		Continued.	Outage.
MUDSHINGI-CHIKODI	10/08/2009	08.06	10/08/2009	18.37	Main Bus-II Outage @ Mudshing. Line is Open from Chikodi end.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Kanhan - Pench - I	10/08/2009	11.25	10/08/2009	15.21	Q.M.Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - II	01/07/2009	09.12		Continued.	H/T FOR O/V
Akola - Wardha - I	09/07/2009	06:32		Continued.	H/T FOR O/V
Dhule-S'Sarovar I	09/08/2009	19:09	11/08/2009	05.16	H/T FOR O/V
Dhule-S'Sarovar I	11/08/2009	19.15		Continued.	H/T for O/V
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Khandwa-II	19/06/2009	16:13		Continued.	3 Tower Collapsed.
Dhule-Sar'Sarovar II	11/08/2009	02.26	11/08/2009	15.25	O/V Relay Operated at SSP.DT Received at Dhule end.
Voltage Level : 220KV			Outage Type TRIPPED		
Nasik-Navsari-I	10/08/2009	03.25	10/08/2009	12.05	Tripped on Dist.Prot.Y-E,Z-1
IntraState					
Voltage Level : 500KV			Outage Type PLANNED OUTAGE		
Chandrapur-Padaghe Pole - II	07/08/2009	12.16		Continued.	Smoothing Reactor Problem.
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
PADGHA-PADGHA HVDC1	10/08/2009	09.11	10/08/2009	18.37	Bay Maintenance Work.
400/220KV 105MVA spare ICT at Parly-II	11/08/2009	10.57	11/08/2009	14.13	Leakage in Fire Prot. system
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
220/132 KV,63 MVA,ICT-2 at Lonand.	10/07/2009	12.10		Continued.	HV C.B.Repl.,ICT on TBC
220/132 KV 63MVA T/F I at Lonand	23/07/2009	11.50		Continued.	Errection of New T/F
C'pur-Sicom-I	26/07/2009	09.50		Continued.	C.B.Replacement Work.Line on TBC.
Nasik - Ghatghar	03/08/2009	10.36		Continued.	C.B.replacement, Ckt on TBC
Bhusawal-Chalishaon-II	06/08/2009	19.12		Continued.	CKT on TBC main breaker replacement work.
Kolhapur - Peth	10/08/2009	08.45	10/08/2009	18.10	Crimping of Cut Point Jumpers.
Kolhapur - Karad - II	10/08/2009	08.45	10/08/2009	18.12	Crimping og Cut Point Jumpers.
Khaparkhedha-Kawlewada-I	10/08/2009	09.00	10/08/2009	15.07	SMS Work.
Kalwa-C'chem	10/08/2009	10.25	10/08/2009	23.25	Diversion Work.
Kolhapur - MIDC	10/08/2009	11.34	10/08/2009	18.03	Commissioning of SCADA.
Main Bus - II @ Mudsunghi	10/08/2009	13.15	10/08/2009	16.30	Errection of 220 KV Section Isolator.
Padgha - Kalwa	11/08/2009	09.16	11/08/2009	18.41	R.M.
220/100KV 50MVA T/F-III	11/08/2009	10.10	11/08/2009	12.15	R.M.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Aug/2009

Position as on 6.30 Hrs of 11/Aug/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
at K'gaon					
Virur - Gadhchiroli	11/08/2009	10.15	11/08/2009	16.05	Replacement of faulty Insulator string Loc.no.231
Dhule-Chalisgaon	11/08/2009	10.20	11/08/2009	14.35	Tree cutting work
Karad - Vita - I	11/08/2009	10.30	11/08/2009	17.17	R.M.
Parvati-Phursungi	11/08/2009	10.33		Continued.	Retrofitting work
Pophali - Pedambe - I	11/08/2009	13.30	11/08/2009	14.25	Distance Prot. R phase to E
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kandalgaon - Roha	10/08/2009	13.40	10/08/2009	17.45	Bay Maintenance Work.
Voltage Level : 220KV			Outage Type TRIPPED		
Dhule-Chalisgaon	10/08/2009	14.12	10/08/2009	17.22	Tripped on Distance Protection.
Dhule - Malegaon	10/08/2009	14.12	10/08/2009	14.35	Tripped on Back up Protection.
Pusad-Nanded	11/08/2009	5:30	11/08/2009	12.02	R-ph LA Burst at Nanded
Voltage Level : 132KV			Outage Type TRIPPED		
Bhandara-Ambhora	10/08/2009	04.50	10/08/2009	05.12	Dist.Protection.
Parbhani-Pathari	11/08/2009	14.58	11/08/2009	15.17	Distance prot.
null					
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Theur-Chinchwad	11/08/2009	18.43		Continued.	H/T to control Lonikand ICT

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 11/Aug/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	60
Unit 4	105	70
Unit 5	200	170
Unit 6	210	170
Unit 7	210	0
	1040	540
Bhusawal		
Unit 1	58	50
Unit 2	210	160
Unit 3	210	190
	478	400
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	160
Unit 4	210	0
Unit 5	210	170
Unit 6	250	210
	940	580
Chandrapur		
Unit 1	210	160
Unit 2	210	145
Unit 3	210	205
Unit 4	210	200
Unit 5	500	400
Unit 6	500	425
Unit 7	500	0
	2340	1535
Paras		
Unit 2	55	20
Unit 3	250	200
	305	220
Khaparkheda		
Unit 1	210	180
Unit 2	210	200
Unit 3	210	210
Unit 4	210	210
	840	800
Nasik		
Unit 1	120	0
Unit 2	120	85
Unit 3	210	200
Unit 4	210	180
Unit 5	210	180
	870	645
Uran		
All Units	852	600
	852	600
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	12
BHANDARDRA	45	28
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	190
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	885
RGPPPL III	740	0
	1700	885
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	0
Trombay 8	250	200
TATA Hydro	444	447
	2024	1767
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2502
	3143	2502