



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

State Load Dispatch Center, Airoli

Daily system Report

for

07/Aug/2009

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	106.928	712.420	1) Madhya Pradesh	41.732	300.310
2) Hydro	15.069	124.680	2) Gujrat	20.170	120.807
3) Gas	12.444	91.053	3) Goa	-5.389	-38.056
Total MSGENCO	134.441	928.153	4) TAPS 1&2 (Inj.)	7.308	51.292
B) OTHERS			5) Pench (Excess)	-0.367	-4.576
1) RGPPL Gas	17.665	152.558	# Total Cent. Sector	63.454	429.777
2) Wind Generation	19.111	133.218	F) Other Exchanges		
3) PENCH (MS)	0.367	4.576	1) With TPCL	-6.079	-28.139
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	30.227	203.438	1) MSEDCL Bilateral	2.795	18.005
2) TPCL Hydro	4.688	28.388	Include PX	0.000	1.766
TOTAL TPCL	34.915	231.826	2) MUMBAI Bilateral	6.077	31.160
3) REL Thermal	10.582	86.476	Include PX	2.261	8.250
D) STATE			3) MUMBAI Schedule	7.208	32.291
1) Thermal (A1+C1+C3)	147.737	1002.334	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	20.124	157.644	1) MSEDCL	228.959	1620.143
3) Gas (A3+B1)	30.109	243.611	2) TPCL	34.209	228.704
4) Wind (B2)	19.111	133.218	3) REL	17.364	117.726
TOTAL STATE	217.081	1536.807	TOTAL STATE	280.532	1966.573

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	4492	4496	4428
MSGENCO Hydro	443	1570	234
MSGENCO Gas	470	621	470
MSGENCO Total Generation	5405	6687	5132
Central Sector Receipt	3265	2629	2277
RGPPL	632	630	940
WIND	840	784	953
Exchange with TPCL	-531	-485	18
MSEDCL DEMAND MET	9611	10272	9345
Load Shedding	2947	3458	1238
MSEDCL DEMAND (INCL. LS)	12558	13730	10583
TPCL GENERATION	1602	1699	1012
REL GENERATION	527	260	529
TPCL+REL DEMAND	2660	2444	1523
STATE DEMAND MET	12271	12716	10868
STATE DEMAND (INCL. LS)	15218	16174	12106
Frequency (Hz)	49.30	49.00	49.30
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4382 MW At 20.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			69.28 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.04 Hz at 06.03 Hrs	48.7 Hz at 19.13 Hrs	49.21	19.5 % 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/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	1.74	11.22	79	68	70
Unit 3	1.48	9.58	74	53	60
Unit 4	2.03	12.70	88	84	80
Unit 5	4.24	28.01	185	178	170
Unit 6	4.12	15.21	184	158	170
Unit 7	0.00	0.00	0	0	0
	13.61	76.72			550
Bhusawal					
Unit 1	1.06	7.81	52	40	45
Unit 2	3.61	19.68	167	129	160
Unit 3	4.14	29.54	183	158	180
	8.82	57.03			385
Parli					
Unit 1	0.59	3.66	26	23	20
Unit 2	0.60	3.91	26	21	20
Unit 3	4.19	29.15	181	144	170
Unit 4	0.00	0.00	0	0	0
Unit 5	4.20	28.90	177	176	170
Unit 6	4.66	14.05	209	159	220
	14.24	79.67			600
Chandrapur					
Unit 1	3.80	26.61	164	157	155
Unit 2	3.48	24.21	148	142	145
Unit 3	4.76	32.64	205	182	200
Unit 4	4.80	31.97	206	167	210
Unit 5	8.85	73.08	404	343	380
Unit 6	9.73	68.28	425	365	425
Unit 7	0.00	0.00	0	0	0
	35.44	256.80			1515
Paras					
Unit 2	0.00	2.82	0	0	0
Unit 3	0.00	22.15	0	0	0
	0.00	24.96			0
Khaparkheda					
Unit 1	4.78	32.48	207	184	200
Unit 2	4.52	31.20	194	177	200
Unit 3	5.06	33.60	216	200	200
Unit 4	4.55	26.48	212	36	200
	18.91	123.76			800
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	1.97	9.86	93	69	80
Unit 3	4.82	31.66	208	179	200
Unit 4	4.69	23.42	202	186	190
Unit 5	4.43	28.53	200	168	180
	15.90	93.47			650
Uran					
All Units	12.44	91.05	628	463	460
	12.44	91.05			460
Koyna					
Stage 1-2	2.38	23.06	320	45	600
Stage 4	8.63	66.01	1110	0	250
Koyna 12&4 Total	11.02	89.07			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.18	19.93	240	0	240
	13.20	109.00			1090
Hydro					
KDPH	0.00	0.43	0	0	0
VTRNA	0.00	0.19	0	0	0
TILLARI	0.76	4.79	60	0	60
BHTGR/VEER	0.21	2.55	9	8	9
BHIRA T.R.	0.00	1.86	0	0	80
RNGR+BHTSA	0.30	2.43	20	4	14
BHANDARDRA	0.11	1.78	25	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.50	1.65	125	0	0
	1.87	15.68			163
PENCH (MS)					
Pench (MS)	0.37	4.58	27	0	0
	0.37	4.58			0
Wind					
MalharPeth	0.85	6.23			
Vankuswadi	1.96	13.37			
ATIT	0.40	2.69			
Kale	0.19	3.21			
Satara	0.74	9.27			
Shirala	0.52	3.58			
K Mahankal	1.25	5.94			
Supa	0.32	2.36			
Vita	3.02	19.94			
Dondaicha	5.81	40.69			
Sakri	1.17	8.22			
Nandurbar	0.54	4.28			
Khadakale	1.51	8.91			
Khaparale	0.84	4.53			
	19.11	133.22			
Dabhol					
RGPPPL II	17.66	152.56	940	627	896
RGPPPL III	0.00	0.00	0	0	0
	17.66	152.56			896
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	84.30	505	505	500
Trombay 6	10.54	72.73	510	170	500
Trombay 7A	2.38	14.78	110	85	100
Trombay 7B	0.00	0.00	0	0	0
Trombay 8	5.19	31.62	223	207	200
TATA Hydro	4.69	28.39	374	2	447
	34.92	231.83			1747
REL					
1&2	10.58	86.48	529	260	500
	10.58	86.48			500
Cent Sect					
Share					2548
					2548

MS PG CL	Thermal	106.93	712.42		4500
	Thml+Gas	119.37	803.47		4960
	Hydro	15.07	124.68		1253
	Total	134.44	928.15		6213
State Total		217.08	1536.81		11904

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/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	4258	696	555	5509	940	1009	2375	2266	-35	12	9763	1119	10882	1784	12666	49.24
2	4321	514	468	5303	940	926	2399	2346	-55	-8	9534	1118	10652	1618	12270	49.21
3	4367	416	470	5253	940	908	2384	2361	-38	12	9501	1139	10640	1536	12176	49.33
4	4428	234	470	5132	940	953	2381	2277	-35	18	9345	1238	10583	1523	12106	49.30
5	4491	445	471	5407	940	795	2389	2378	-35	15	9560	1252	10812	1494	12306	49.26
6	4507	811	473	5791	940	732	2410	2421	-35	13	9924	1416	11340	1584	12924	49.34
7	4520	234	471	5225	925	570	2454	2459	-55	-7	9199	3037	12236	1720	13956	49.29
8	4504	144	473	5121	895	558	2687	2521	-35	16	9124	3118	12242	1783	14025	49.33
9	4509	183	472	5164	643	732	2682	2680	-30	18	9237	3120	12357	2080	14437	49.27
10	4518	195	471	5184	630	750	2994	3022	-382	-337	9249	2935	12184	2410	14594	49.24
11	4485	221	472	5178	630	728	3135	3169	-523	-482	9223	3065	12288	2609	14897	49.26
12	4492	443	470	5405	632	840	3180	3265	-570	-531	9611	2947	12558	2660	15218	49.30
13	4507	215	470	5192	628	715	3157	3239	-546	-505	9269	2972	12241	2655	14896	49.38
14	4425	273	465	5163	630	741	3085	3149	-476	-432	9251	2995	12246	2534	14780	49.29
15	4446	110	463	5019	628	881	3085	2833	-476	-433	8928	3182	12110	2541	14651	49.18
16	4399	253	487	5139	627	876	3084	2950	-476	-432	9160	2847	12007	2571	14578	49.11
17	4453	744	482	5679	631	970	3086	2737	-607	-580	9437	2911	12348	2503	14851	49.27
18	4492	760	591	5843	629	929	2947	2495	-649	-612	9297	2893	12190	2514	14704	49.14
19	4504	838	625	5967	628	881	2744	2628	-526	-478	9653	2910	12563	2439	15002	49.10
20	4496	1570	621	6687	630	784	2618	2629	-528	-485	10272	3458	13730	2444	16174	49.00
21	4500	1694	622	6816	634	742	2549	2483	-458	-401	10300	3190	13490	2345	15835	49.03
22	4484	1448	620	6552	654	853	2431	2273	-324	-265	10093	3071	13164	2213	15377	48.97
23	4472	1439	627	6538	674	817	2399	2374	-206	-145	10283	1920	12203	2080	14283	49.09
24	4404	1189	628	6221	677	856	2480	2394	-108	-50	10123	1420	11543	1936	13479	49.12
MUs	106.98	15.07	12.44	134.49	17.66	19.55	65.14	63.35	-7.21	-6.08	229.34	59.27	288.61	51.58	340.18	49.21

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/Aug/2009

Position as on 6.30 Hrs of 08/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
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 4	210	05/08/2009	13.40	07/08/2009	00.18	Boiler Tube Leakage	
Cent_Sect NTPC(V-3)	210	06/08/2009	00.30	07/08/2009	04.35	Boiliter Tube Leakage	
Uran Unit 6	108	07/08/2009	00.48	07/08/2009	14.58	Internal inspection filter cleaning.	
Dabhol 3B	230	07/08/2009	08.10	07/08/2009	21.22	Maintaince Work.	
Dabhol 3X	290	07/08/2009	08.10	07/08/2009	23.50	Maintaince Work.	
Parli Unit 6	250	08/08/2009	09.50	08/08/2009	15.48	F.D.fan problem.	
Uran Unit 5	108	08/08/2009	11.22	08/08/2009	19.17	Boiler work.	

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

Position as on 6.30 Hrs of 08/Aug/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d 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.
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
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Khandwa-II	19/06/2009	16:13		Continued.	3 Tower Collapsed.
IntraState					
Voltage Level : 500KV			Outage Type PLANNED OUTAGE		
HVDC Pole I Padgha	06/08/2009	21.57	07/08/2009	06.12	Replacement of Snubber capacitors.
HVDC POLE II - CHDPR	06/08/2009	21.57	07/08/2009	06.12	Replacement of snubber capacitors.
Chandrapur-Padaghe Pole - II	07/08/2009	12.16		Continued.	Smoothing Reactor Problem.
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
PADGHA-KHARGHAR	07/08/2009	08.38	07/08/2009	19.06	R.M.Work
Koradi - Bhusawal	07/08/2009	08.57	07/08/2009	18.12	PLCC Work.
Kolhapur-Karad -I	07/08/2009	10.53	07/08/2009	16.56	Line Maintaince.
400/220KV ICT-II at Padgha	07/08/2009	11.37	07/08/2009	16.22	Maintaince Work.
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.
Miraj-Maisal	03/08/2009	09.50	07/08/2009	20.35	Replacement of Dist.Prot.scheme
Nasik - Ghatghar	03/08/2009	10.36		Continued.	C.B.replacement, Ckt on TBC
Bhusawal-Chalisingaon-II	06/08/2009	19.12		Continued.	CKT on TBC main breaker replacement work.
220/100 ICT-I @ KOLSHET	07/08/2009	08.30	08/08/2009	18.10	Breaker O/H.
Trombay-Kalwa	07/08/2009	08.49	07/08/2009	17.23	Bay Maintaince.
220/132 KV T/F - II @ Boiser	07/08/2009	09.59	07/08/2009	13.46	R.M.Work
K'gaon-ONGC	07/08/2009	10.15	07/08/2009	18.58	Commissioning Of Prot.Coupler
Padgha-Wada	07/08/2009	11.02	07/08/2009	17.14	R,M.Work
220/132 KV 100 MVA ICT-II @ Chikali	08/08/2009	09.20	08/08/2009	16.40	Precomissioning trial of digital RTC.
BBLSWR-ANAGAR CKT I	08/08/2009	09.38	08/08/2009	16.59	Q.M.work
Kolhapur-Karad-IV	08/08/2009	10.42	08/08/2009	15.50	Jumper replacement work.
220/7 KV,20 MVA Station T/F At Koradi	08/08/2009	10.52	08/08/2009	18.01	Q.M. Work.
Pusad-Nanded	08/08/2009	13.25	08/08/2009	17.52	Retrofitting work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Boiser - MIDC	07/08/2009	08.55	07/08/2009	13.44	Conductor Replacement.

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

Position as on 6.30 Hrs of 08/Aug/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 500KV			Outage Type HAND TRIPPED		
HVDC POLE I -CHDPR	07/08/2009	22.12	08/08/2009	03.15	Thyristor Valve Replacement.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220 KV,600 MVA ICT-II at Kalwa	07/08/2009	15.21	07/08/2009	19.40	To Take IR Value.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	05/08/2009	06.25	07/08/2009	08.38	To Load 400KV Akola ICT
220/100KV 100MVA T/F at K'gaon	07/08/2009	10.55	07/08/2009	17.40	To attend Oil Leakage.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 315 MVA ICT at Khadka	08/08/2009	04.25	08/08/2009	05.27	LV, Trip CKT. Faulty
Voltage Level : 220KV			Outage Type TRIPPED		
BBLSWR-ANAGAR CKT I	07/08/2009	20.23	07/08/2009	20.41	Tripped On Dist Prot. R Ph to E.
Kolhapur-Sawantwadi	08/08/2009	11.09	08/08/2009	21.00	Dist.prot. Y to E.
Khaperkheda - Wardha.	08/08/2009	11.45	08/08/2009	12.40	Tripped on Dist.Protection.
Dhule-Chalisgaon	08/08/2009	14.20	08/08/2009	19.25	Breaker Struck up,LBB operated.
Dhule - Malegaon	08/08/2009	14.20	08/08/2009	14.46	Tripped on Over Load.
Main Bus at Chalisgaon.	08/08/2009	14.20	08/08/2009	14.43	Tripped.
Chalisgaon-BSL-I	08/08/2009	14.20	08/08/2009	14.43	Tripped.
Chalisgaon-Bhusawal-2	08/08/2009	14.20	08/08/2009	14.43	Tripped.
220/132KV 100MVA ICT-II at Chalisgaon	08/08/2009	14.20	08/08/2009	14.43	Tripped.
220/132 kv,100 MVA ICT-I at Chalisgaon	08/08/2009	14.20	08/08/2009	15.02	Tripped.
BBLSR-Chalisgaon	08/08/2009	14.20	08/08/2009	14.49	Tripped.
Chalisgaon - Malegaon	08/08/2009	14.20	08/08/2009	17.55	Tripped.
Nagothane-Mahad	08/08/2009	17.10	08/08/2009	22.05	Dist.protection Y to E.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 08/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	80
Unit 5	200	175
Unit 6	210	180
Unit 7	210	0
	1040	565
Bhusawal		
Unit 1	58	45
Unit 2	210	160
Unit 3	210	175
	478	380
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	180
Unit 4	210	0
Unit 5	210	175
Unit 6	250	210
	940	605
Chandrapur		
Unit 1	210	160
Unit 2	210	145
Unit 3	210	210
Unit 4	210	200
Unit 5	500	400
Unit 6	500	425
Unit 7	500	0
	2340	1540
Paras		
Unit 2	55	0
Unit 3	250	0
	305	0
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	180
Unit 4	210	200
	840	780
Nasik		
Unit 1	120	0
Unit 2	120	80
Unit 3	210	200
Unit 4	210	180
Unit 5	210	180
	870	640
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	3
BHANDARDRA	45	10
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	163
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	896
RGPL III	740	
	1700	896
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	0
Trombay 8	250	220
TATA Hydro	444	447
	2024	1787
REL		
1&2	500	250
	500	250
Cent Sect		
Share	3143	2418
	3143	2418