



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

State Load Dispatch Center, Airoli

Daily system Report

for

08/Aug/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 08/Aug/2009 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	106.581	819.001	1) Madhya Pradesh	39.563	339.873
2) Hydro	19.227	143.907	2) Gujrat	20.843	141.650
3) Gas	13.515	104.568	3) Goa	-5.267	-43.323
Total MSGENCO	139.323	1067.476	4) TAPS 1&2 (Inj.)	7.294	58.586
B) OTHERS			5) Pench (Excess)	-0.279	-4.855
1) RGPPL Gas	22.361	174.919	# Total Cent. Sector	62.154	491.931
2) Wind Generation	17.457	150.675	F) Other Exchanges		
3) PENCH (MS)	0.279	4.855	1) With TPCL	-4.848	-32.987
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	31.312	234.750	1) MSEDCL Bilateral	4.025	22.605
2) TPCL Hydro	6.529	34.917	Include PX	1.146	2.912
TOTAL TPCL	37.841	269.667	2) MUMBAI Bilateral	3.924	35.084
3) REL Thermal	6.288	92.764	Include PX	-0.298	7.951
D) STATE			3) MUMBAI Schedule	6.229	38.520
1) Thermal (A1+C1+C3)	144.181	1146.515	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	26.035	183.679	1) MSEDCL	236.726	1856.869
3) Gas (A3+B1)	35.876	279.487	2) TPCL	32.506	261.210
4) Wind (B2)	17.457	150.675	3) REL	16.471	134.197
TOTAL STATE	223.549	1760.356	TOTAL STATE	285.703	2252.276

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4305	4564	4463
MSGENCO Hydro	1085	1818	385
MSGENCO Gas	523	476	628
MSGENCO Total Generation	5913	6858	5476
Central Sector Receipt	2897	2422	2379
RGPPL	925	938	937
WIND	722	843	577
Exchange with TPCL	-541	-312	39
MSEDCL DEMAND MET	9916	10749	9435
Load Shedding	2551	3086	1098
MSEDCL DEMAND (INCL. LS)	12467	13835	10533
TPCL GENERATION	1684	1726	1284
REL GENERATION	260	262	263
TPCL+REL DEMAND	2485	2300	1508
STATE DEMAND MET	12401	13049	10943
STATE DEMAND (INCL. LS)	14952	16135	12041
Frequency (Hz)	49.00	49.01	49.04
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4057 MW At 20.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			64.07 MUS

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
49.89 Hz at 06.04 Hrs	48.7 Hz at 19.12 Hrs	49.08	34.95 % 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 08/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	12.96	78	68	70
Unit 3	1.49	11.07	70	54	60
Unit 4	2.04	14.74	90	75	80
Unit 5	4.17	32.18	184	168	175
Unit 6	4.29	19.50	190	164	180
Unit 7	0.00	0.00	0	0	0
	13.73	90.46			565
Bhusawal					
Unit 1	1.24	9.04	56	40	45
Unit 2	3.88	23.56	168	154	160
Unit 3	4.41	33.95	192	175	175
	9.53	66.56			380
Parli					
Unit 1	0.58	4.24	26	22	20
Unit 2	0.59	4.50	26	22	20
Unit 3	4.31	33.46	186	174	180
Unit 4	0.00	0.00	0	0	0
Unit 5	4.20	33.10	180	160	175
Unit 6	3.29	17.34	220	0	210
	12.96	92.63			605
Chandrapur					
Unit 1	3.80	30.41	164	145	160
Unit 2	3.46	27.68	147	140	145
Unit 3	4.86	37.50	212	195	210
Unit 4	4.83	36.80	208	182	200
Unit 5	9.26	82.34	397	354	400
Unit 6	10.13	78.41	439	379	425
Unit 7	0.00	0.00	0	0	0
	36.33	293.13			1540
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	4.85	37.32	209	186	200
Unit 2	4.60	35.80	197	184	200
Unit 3	4.78	38.38	213	176	180
Unit 4	4.89	31.38	210	190	200
	19.13	142.89			780
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	1.92	11.78	94	64	80
Unit 3	4.48	36.14	201	148	200
Unit 4	4.43	27.85	205	172	180
Unit 5	4.07	32.60	179	156	180
	14.90	108.37			640
Uran					
All Units	13.52	104.57	634	455	600
	13.52	104.57			600
Koyna					
Stage 1-2	3.65	26.70	355	40	600
Stage 4	10.20	76.22	1126	0	250
Koyna 12&4 Total	13.85	102.92			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	3.23	23.15	240	0	240
	17.08	126.07			1090
Hydro					
KDPH	0.00	0.43	0	0	0
VTRNA	0.00	0.19	0	0	0
TILLARI	0.75	5.54	60	0	60
BHTGR/VEER	0.22	2.77	9	9	10
BHIRA T.R.	0.41	2.27	81	0	80
RNGR+BHTSA	0.07	2.50	3	3	3
BHANDARDRA	0.41	2.19	39	0	10
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.29	1.94	125	0	0
	2.15	17.83			163
PENCH (MS)					
Pench (MS)	0.28	4.86	27	0	
	0.28	4.86			
Wind					
MalharPeth	0.77	7.00			
Vankuswadi	1.78	15.15			
ATIT	0.86	3.55			
Kale	1.33	4.54			
Satara	0.61	9.88			
Shirala	0.55	4.13			
K Mahankal	0.25	6.19			
Supa	0.30	2.66			
Vita	2.94	22.88			
Dondaicha	4.47	45.16			
Sakri	0.95	9.17			
Nandurbar	0.47	4.74			
Khadakale	1.40	10.31			
Khaparale	0.78	5.32			
	17.46	150.68			
Dabhol					
RGPP L II	22.36	174.92	943	878	896
RGPP L III		0.00	0	0	
	22.36	174.92			896
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	96.42	505	505	500
Trombay 6	12.00	84.72	510	425	500
Trombay 7A	1.94	16.72	99	70	120
Trombay 7B	0.00	0.00	0	0	0
Trombay 8	5.26	36.88	223	214	220
TATA Hydro	6.53	34.92	440	2	447
	37.84	269.67			1787
REL					
1&2	6.29	92.76	263	260	250
	6.29	92.76			250
Cent Sect					
Share					2418
					2418

MS PG CL	Thermal	106.58	819.00		4510
	Thml+Gas	120.10	923.57		5110
	Hydro	19.23	143.91		1253
	Total	139.32	1067.48		6363
State Total		223.55	1760.36		11714

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/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	4430	593	628	5651	878	768	2429	2410	-21	32	9766	1075	10841	1762	12603	49.02
2	4452	558	628	5638	936	614	2430	2328	-21	38	9581	1075	10656	1609	12265	49.04
3	4463	385	628	5476	937	577	2431	2379	-21	39	9435	1098	10533	1508	12041	49.04
4	4466	300	630	5396	937	562	2431	2393	-21	40	9355	1207	10562	1487	12049	49.11
5	4496	499	634	5629	940	557	2433	2419	-21	39	9608	1241	10849	1474	12323	49.19
6	4486	965	634	6085	940	535	2446	2451	-34	24	10059	1416	11475	1556	13031	49.13
7	4503	607	624	5734	936	463	2446	2308	-34	23	9484	2575	12059	1610	13669	49.07
8	4454	221	625	5300	935	495	2682	2541	-34	21	9294	2758	12052	1761	13813	49.04
9	4489	220	630	5339	934	679	2676	2458	-29	17	9427	2824	12251	1890	14141	49.09
10	4425	399	624	5448	926	649	2948	2820	-334	-296	9547	2492	12039	2217	14256	48.95
11	4262	721	623	5606	925	692	2946	2960	-464	-423	9760	2657	12417	2432	14849	49.01
12	4305	1085	523	5913	925	722	2970	2897	-582	-541	9916	2551	12467	2485	14952	49.00
13	4308	1162	466	5936	925	740	2969	2937	-582	-527	10011	2619	12630	2474	15104	49.06
14	4341	836	469	5646	928	769	2925	2938	-490	-435	9846	2583	12429	2373	14802	49.13
15	4353	445	455	5253	927	878	2924	2887	-490	-433	9512	2774	12286	2379	14665	49.06
16	4361	530	457	5348	928	846	2924	2940	-490	-436	9626	2562	12188	2380	14568	49.12
17	4425	423	462	5310	932	869	2922	2925	-436	-382	9654	2799	12453	2329	14782	49.20
18	4434	486	462	5382	932	855	2785	2822	-370	-318	9673	2853	12526	2279	14805	49.15
19	4492	1211	461	6164	937	933	2597	2604	-321	-261	10377	2491	12868	2219	15087	49.07
20	4564	1818	476	6858	938	843	2418	2422	-368	-312	10749	3086	13835	2300	16135	49.01
21	4557	1743	526	6826	938	917	2447	2328	-396	-340	10689	2812	13501	2284	15785	48.98
22	4537	1396	606	6539	942	985	2370	2290	-319	-264	10519	2693	13212	2217	15429	49.09
23	4513	1280	621	6414	942	777	2378	2319	-195	-130	10349	1961	12310	2059	14369	49.11
24	4467	1344	624	6435	943	732	2447	2458	-157	-23	10572	1451	12023	1893	13916	49.18
MUs	106.58	19.23	13.52	139.33	22.36	17.46	63.37	62.23	-6.23	-4.85	236.81	53.65	290.46	48.98	339.44	49.08

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 08/Aug/2009

Position as on 6.30 Hrs of 09/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	
Paras Unit 2	55	05/08/2009	20.27	09/08/2009	09.00	Coal Mill Problem	
Paras Unit 3	250	06/08/2009	23.00	09/08/2009	19.51	Vibration problem.	
REL 1	250	07/08/2009	16.10	09/08/2009	18.15	Boiler T/L.	
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 08/Aug/2009

Position as on 6.30 Hrs of 09/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.
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-Sar'Sarovar II	23/07/2009	00:18	09/08/2009	10:13	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		
Chandrapur-Padaghe Pole - II	07/08/2009	12.16		Continued.	Smoothing Reactor Problem.
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-Chalisgaon-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.
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 : 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 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		
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.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Aug/2009

Position as on 6.30 Hrs of 09/Aug/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
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.
C'wad-Telco	09/08/2009	01.42	09/08/2009	20.38	Dist.Protection Y,B Ph.C.C. failed.
Dhule-Chalisgaon	09/08/2009	13.25	09/08/2009	14.22	Tripped,On Dist.Protection
Talange-Five star MIDC	09/08/2009	16.51	09/08/2009	17.21	Tripped,on Dist.Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 09/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	85
Unit 5	200	175
Unit 6	210	175
Unit 7	210	0
	1040	565
Bhusawal		
Unit 1	58	45
Unit 2	210	160
Unit 3	210	180
	478	385
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	180
Unit 4	210	0
Unit 5	210	170
Unit 6	250	210
	940	600
Chandrapur		
Unit 1	210	160
Unit 2	210	145
Unit 3	210	200
Unit 4	210	210
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	210
Unit 4	210	210
	840	820
Nasik		
Unit 1	120	0
Unit 2	120	85
Unit 3	210	170
Unit 4	210	180
Unit 5	210	180
	870	615
Uran		
All Units	852	620
	852	620
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		
RGPPL II	960	880
RGPPL III	740	
	1700	880
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	100
Trombay 7B	60	0
Trombay 8	250	200
TATA Hydro	444	447
	2024	1747
REL		
1&2	500	250
	500	250
Cent Sect		
Share	3143	2287
	3143	2287