



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

State Load Dispatch Center, Airoli

Daily system Report

for

03/Aug/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 03/Aug/2009 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	99.869	294.361	1) Madhya Pradesh	49.700	135.190
2) Hydro	22.856	63.513	2) Gujrat	12.619	40.782
3) Gas	13.269	37.675	3) Goa	-5.344	-15.627
Total MSGENCO	135.994	395.549	4) TAPS 1&2 (Inj.)	7.339	21.990
B) OTHERS			5) Pench (Excess)	-1.151	-2.718
1) RGPPL Gas	22.463	67.426	# Total Cent. Sector	63.163	179.617
2) Wind Generation	15.617	47.970	F) Other Exchanges		
3) PENCH (MS)	1.151	2.718	1) With TPCL	-4.895	-10.309
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	28.689	84.797	1) MSEDCL Bilateral	3.401	6.154
2) TPCL Hydro	4.749	9.125	Include PX	0.776	0.776
TOTAL TPCL	33.438	93.922	2) MUMBAI Bilateral	4.696	9.453
3) REL Thermal	12.629	37.929	Include PX	1.358	2.317
D) STATE			3) MUMBAI Schedule	4.696	9.453
1) Thermal (A1+C1+C3)	141.187	417.087	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	28.756	75.356	1) MSEDCL	233.493	682.971
3) Gas (A3+B1)	35.732	105.101	2) TPCL	33.703	92.898
4) Wind (B2)	15.617	47.970	3) REL	17.257	49.259
TOTAL STATE	221.292	645.514	TOTAL STATE	284.453	825.128

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	4155	4237	4071
MSGENCO Hydro	974	1937	553
MSGENCO Gas	590	616	510
MSGENCO Total Generation	5719	6790	5134
Central Sector Receipt	2978	2565	2462
RGPPL	931	937	938
WIND	611	636	676
Exchange with TPCL	-449	-284	-14
MSEDCL DEMAND MET	9841	10679	9247
Load Shedding	2396	2782	1011
MSEDCL DEMAND (INCL. LS)	12237	13461	10258
TPCL GENERATION	1634	1612	864
REL GENERATION	523	524	527
TPCL+REL DEMAND	2606	2420	1405
STATE DEMAND MET	12447	13099	10652
STATE DEMAND (INCL. LS)	14843	15881	11663
Frequency (Hz)	49.19	49.14	49.35
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3466MW at 11.00Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			65.31 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
49.9 Hz at 18.07 Hrs	48.79 Hz at 19.25 Hrs	49.2	18.14 % 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 03/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	1.67	4.42	72	64	60
Unit 3	1.44	3.79	66	50	60
Unit 4	1.74	4.80	78	68	70
Unit 5	3.87	11.40	170	145	160
Unit 6	0.00	5.48	0	0	0
Unit 7	0.00	0.00	0	0	0
	8.72	29.88			350
Bhusawal					
Unit 1	1.02	3.31	52	33	45
Unit 2	3.67	10.91	168	17	160
Unit 3	4.38	12.60	188	175	175
	9.08	26.82			380
Parli					
Unit 1	0.57	1.56	24	23	20
Unit 2	0.59	1.54	25	24	20
Unit 3	4.10	12.19	182	157	160
Unit 4	0.00	0.00	0	0	0
Unit 5	4.00	12.19	178	152	170
Unit 6	0.00	0.00	0	0	0
	9.26	27.48			370
Chandrapur					
Unit 1	3.86	11.45	162	160	160
Unit 2	3.42	10.38	144	140	145
Unit 3	4.67	13.58	202	180	200
Unit 4	4.62	12.97	204	180	200
Unit 5	10.88	32.01	474	433	425
Unit 6	9.98	29.13	433	400	425
Unit 7	0.00	0.00	0	0	0
	37.42	109.51			1555
Paras					
Unit 2	0.67	1.88	30	26	25
Unit 3	2.65	9.62	178	0	150
	3.32	11.50			175
Khaparkheda					
Unit 1	4.58	13.55	202	168	200
Unit 2	4.44	13.23	197	167	200
Unit 3	4.98	14.39	214	168	200
Unit 4	4.79	14.24	206	183	200
	18.80	55.41			800
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	1.33	3.45	77	47	50
Unit 3	4.21	13.21	202	146	190
Unit 4	3.90	5.59	173	144	170
Unit 5	3.83	11.52	179	144	170
	13.27	33.77			580
Uran					
All Units	13.27	37.68	616	505	480
	13.27	37.68			480
Koyna					
Stage 1-2	4.36	12.01	435	35	600
Stage 4	12.25	34.15	1120	0	250
Koyna 12&4 Total	16.61	46.16			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	3.52	10.28	240	0	240
	20.13	56.44			1090
Hydro					
KDPH	0.00	0.43	0	0	0
VTRNA	0.00	0.00	0	0	0
TILLARI	0.79	2.09	60	0	60
BHTGR/VEER	0.58	1.38	24	24	24
BHIRA T.R.	0.26	0.84	80	0	80
RNGR+BHTSA	0.27	1.07	19	4	18
BHANDARDRA	0.53	0.62	22	22	22
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.29	0.64	127	0	0
	2.72	7.07			204
PENCH (MS)					
Pench (MS)	1.15	2.72	53	27	0
	1.15	2.72			0
Wind					
MalharPeth	0.57	2.76			
Vankuswadi	1.44	5.14			
ATIT	0.34	1.01			
Kale	1.72	2.45			
Satara	0.54	2.26			
Shirala	0.39	1.34			
K Mahankal	0.09	2.37			
Supa	0.28	0.88			
Vita	3.01	7.96			
Dondaicha	4.38	13.35			
Sakri	0.92	2.93			
Nandurbar	0.52	1.47			
Khadakale	0.97	2.74			
Khaparale	0.46	1.33			
	15.62	47.97			
Dabhol					
RGPP L II	22.46	67.43	940	927	890
RGPP L III	0.00	0.00	0	0	0
	22.46	67.43			890
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.00	36.00	500	500	500
Trombay 6	10.24	30.68	510	150	500
Trombay 7A	2.18	6.05	100	68	100
Trombay 7B	0.00	0.00	0	0	0
Trombay 8	4.27	12.07	202	142	150
TATA Hydro	4.75	9.12	376	0	447
	33.44	93.92			1697
REL					
1&2	12.63	37.93	529	523	500
	12.63	37.93			500
Cent Sect					
Share					2573
					2573

MS PG CL	Thermal	99.87	294.36		4210
	Thml+Gas	113.14	332.04		4690
	Hydro	22.86	63.51		1294
	Total	135.99	395.55		5984
State Total		221.29	645.51		11644

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/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	4208	709	505	5422	939	689	2306	2427	-1	-8	9520	880	10400	1649	12049	49.31
2	4152	620	509	5281	938	664	2306	2466	-1	-6	9394	879	10273	1497	11770	49.38
3	4072	684	518	5274	939	683	2315	2496	-1	-7	9436	898	10334	1444	11778	49.35
4	4071	553	510	5134	938	676	2324	2462	-1	-14	9247	1011	10258	1405	11663	49.35
5	4062	631	518	5211	940	663	2324	2589	-1	-13	9441	983	10424	1402	11826	49.29
6	4096	1097	515	5708	939	683	2317	2570	-1	-11	9940	1193	11133	1489	12622	49.19
7	4076	744	531	5351	937	584	2310	2373	-1	-14	9283	2309	11592	1650	13242	49.14
8	4109	253	590	4952	934	490	2437	2623	-1	-12	9040	2468	11508	1797	13305	49.26
9	4187	238	598	5023	935	582	2561	2490	15	6	9089	2716	11805	2025	13830	49.24
10	4192	643	598	5433	934	535	2711	2840	-342	-355	9440	2467	11907	2414	14321	49.35
11	4155	974	590	5719	931	611	2913	2978	-436	-449	9841	2396	12237	2606	14843	49.19
12	4158	1099	582	5839	927	614	2971	2873	-483	-498	9806	2306	12112	2682	14794	49.16
13	4120	971	567	5658	928	576	2991	2972	-483	-489	9696	2393	12089	2645	14734	49.19
14	4148	735	519	5402	934	655	2940	2857	-361	-364	9535	2445	11980	2542	14522	49.29
15	4156	664	510	5330	937	637	2894	2925	-379	-384	9496	2639	12135	2565	14700	49.11
16	4088	677	519	5284	937	756	2904	2863	-379	-381	9510	2570	12080	2578	14658	49.06
17	4121	699	513	5333	937	743	2885	2855	-344	-352	9543	2665	12208	2540	14748	49.08
18	4190	870	545	5605	937	703	2832	2792	-339	-344	9720	2642	12362	2495	14857	49.20
19	4240	1188	576	6004	937	671	2759	2891	-285	-285	10245	2350	12595	2408	15003	49.32
20	4237	1937	616	6790	937	636	2578	2565	-285	-284	10679	2782	13461	2420	15881	49.14
21	4307	2100	615	7022	937	563	2427	2356	-256	-266	10665	2529	13194	2365	15559	49.07
22	4319	1770	612	6701	937	653	2345	2280	-120	-135	10489	2409	12898	2244	15142	49.01
23	4294	1645	581	6520	937	779	2274	2271	-148	-156	10404	1760	12164	2125	14289	49.15
24	4111	1355	532	5998	937	773	2290	2349	-66	-74	10036	1250	11286	1975	13261	49.01
MUs	99.87	22.86	13.27	135.99	22.46	15.62	61.91	63.16	-4.70	-4.90	233.50	48.94	282.44	50.96	333.40	49.20

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 03/Aug/2009

Position as on 6.30 Hrs of 04/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
Parli Unit 6	250	03/06/2009	06.35	04/08/2009	05.04	Annual Overhaul	
Tata Trombay 7B	60	04/07/2009	21.12		Continued.	GT.Bucholz Operated.	10/08/2009
Nasik Unit 1	125	05/07/2009	6:15		Continued.	Annual Overhaul.	09/08/2009
Chandrapur Unit 7	500	16/07/2009	04:53		Continued.	A/OH.	16/08/2009
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	10/08/2009
Koradi Unit 1	105	24/07/2009	01:20		Continued.	ANNUAL OVERHAUL	04/09/2009
Parli Unit 4	210	25/07/2009	00.58		Continued.	AOH.	20/08/2009
Koyna Unit 11	80	25/07/2009	15.30		Continued.	Stator Earth fault	25/09/2009
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	
Cent_Sect TARAPUR-3	540	01/08/2009	02.28	04/08/2009	14.55	Low Vaccum	
Koradi Unit 6	210	02/08/2009	09.23		Continued.	Boiler tube leakage.	04/08/2009
Paras Unit 3	250	03/08/2009	01.37	03/08/2009	05.17	Flame failure.	
Paras Unit 3	250	03/08/2009	05.36	03/08/2009	07.56	Load controller Problem.	
Bhusawal Unit 2	210	03/08/2009	23.14		Continued.	Economiser Tube leakage	06/08/2009
Uran Unit 8	108	04/08/2009	00.05	04/08/2009	00.53	B2 Boiler prot.tripped	
Parli Unit 1	30	04/08/2009	22.08		Continued.	Low Drum Level.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Aug/2009

Position as on 6.30 Hrs of 04/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		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 : 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.
Kalwa-Mulund-I	03/08/2009	09.22	03/08/2009	19.15	R.M.Work
220KV New Paras TPS-Chikhli - II	03/08/2009	09.40	03/08/2009	17.29	Tightning of Arcing Horn at Loc.No.106,109 & 120
Miraj-Maisal	03/08/2009	09.50		Continued.	Replacement of Dist.Prot.scheme
Lote - N.Koyna	03/08/2009	10.22	03/08/2009	15.25	L.A.Replacement
Nasik - Ghatghar	03/08/2009	10.36		Continued.	C.B.replacement, Ckt on TBC
Aurangabad-Jalna-II	03/08/2009	11.50	03/08/2009	15.16	Quarterly Maintainance
Kolhapur - Fivestar MIDC	03/08/2009	12.13	03/08/2009	16.37	Testing work
220KV Bus Coupler at Ambazari	03/08/2009	12.57	03/08/2009	14.46	E/F relay replacement
Taloja - Owenscorning	03/08/2009	14.40	03/08/2009	19.22	Relay replacement
Kalwa-Mulund II	04/08/2009	09.39	04/08/2009	19.32	Testing Work.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Lonikand- Koyna Stage IV	04/08/2009	09.01	04/08/2009	17.48	Insulator String Replacement at Loc.No.162.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Bableshwar-Nasik-I	03/08/2009	00.06	03/08/2009	02.38	To attend sparking on line.
220/100 KV,200 MVA ICT-I @ Apta	04/08/2009	13.13	04/08/2009	15.35	B Ph C.T.Oil Leakage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha--Dhamangaon	24/07/2009	06.26	03/08/2009	02.03	H/T To increase Akola ICT load.
Wardha--Dhamangaon	03/08/2009	09.52		Continued.	Ckt H/T at D'gaon end to control Load Akola ICT
Voltage Level : 400KV			Outage Type TRIPPED		
Lonikand-Karad	03/08/2009	06.01	03/08/2009	06.42	Dist.protection.
Voltage Level : 220KV			Outage Type TRIPPED		
Lonikand-Bhosari	03/08/2009	04.40	03/08/2009	06.42	Distance Protection
Chinchwad - Hinjewadi	03/08/2009	05.25	03/08/2009	06.06	Tripped on Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 04/Aug/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	65
Unit 3	105	60
Unit 4	105	70
Unit 5	200	160
Unit 6	210	0
Unit 7	210	0
	1040	355
Bhusawal		
Unit 1	58	45
Unit 2	210	0
Unit 3	210	175
	478	220
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	160
Unit 4	210	0
Unit 5	210	170
Unit 6	250	0
	940	370
Chandrapur		
Unit 1	210	160
Unit 2	210	145
Unit 3	210	200
Unit 4	210	175
Unit 5	500	450
Unit 6	500	400
Unit 7	500	0
	2340	1530
Paras		
Unit 2	55	25
Unit 3	250	150
	305	175
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	200
Unit 4	210	200
	840	800
Nasik		
Unit 1	120	0
Unit 2	120	50
Unit 3	210	180
Unit 4	210	180
Unit 5	210	170
	870	580
Uran		
All Units	852	550
	852	550
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	24
BHIRA T.R.	80	80
RNGR+BHTSA	20	19
BHANDARDRA	45	22
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	205
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		
RGPPPL II	960	881
RGPPPL III	740	
	1700	881
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	0
Trombay 8	250	170
TATA Hydro	444	447
	2024	1737
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2550
	3143	2550

	17616	11543
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