



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

State Load Dispatch Center, Airoli

Daily system Report

for

03/Aug/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 03/Aug/2011 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	75.049	221.302	1) Madhya Pradesh	50.325	139.070
2) Hydro	15.525	52.433	2) Gujrat	33.035	98.566
3) Gas	9.846	28.558	3) Goa	-5.062	-16.378
Total MSGENCO	100.420	302.293	4) TAPS 1&2 (Inj.)	7.776	23.527
B) OTHERS			5) Pench (Excess)	-0.269	-1.043
1) RGPPL Gas	39.025	116.917	# Total Cent. Sector	85.805	243.742
2) Wind Generation	17.558	52.674	F) Other Exchanges		
3) CPP	22.608	74.472	1) With TPCL (Excess)	-10.046	-32.730
4) PENCH (MS)	0.631	1.668	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	17.211	54.142
1) TPCL Thermal	23.621	66.705	Include PX	0.000	2.511
2) TPCL Hydro	6.446	18.946	2) MUMBAI Bilateral	11.411	35.030
TOTAL TPCL	30.067	85.651	Include PX	-1.249	-2.710
3) REL Thermal	12.605	37.762	3) MUMBAI Schedule	11.411	35.030
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	111.275	325.769	1) MSEDCL	256.001	759.036
2) Hydro (A2+B3+C2)	22.602	73.047	2) TPCL	35.013	103.753
3) Gas (A3+B1)	48.871	145.475	3) REL	17.704	52.384
4) Wind (B2)	17.558	52.674	TOTAL STATE	308.718	915.173
5) CPP (B3)	22.608	74.472			
TOTAL STATE	222.914	671.437			

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	3162	3002	3066
MSGENCO Hydro	862	1460	289
MSGENCO Gas	414	438	401
MSGENCO Total Generation	4438	4900	3756
Central Sector Receipt	4015	3677	2875
RGPPL	1620	1629	1626
WIND	654	832	565
CPP	885	910	1086
Exchange with Mumbai	-613	-466	-140
MSEDCL DEMAND MET	11022	11492	9792
Load Shedding (LS)	138	52	43
MSEDCL DEMAND (INCL. LS)	11160	11544	9835
TPCL GENERATION	1548	1535	801
REL GENERATION	525	525	525
TPCL+REL DEMAND	2686	2526	1466
STATE DEMAND MET	13708	14018	11258
Load Management (LM)	1203	2186	1020
Total Load Relief (LS+LM)	1341	2238	1063
UNRESTRICTED STATE DEMAND	15049	16256	12321
Frequency (Hz)	49.78	49.71	49.62

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06.08 Hrs	49.15 Hz at 00.08 Hrs	49.75	.17 % of Time(min)

* 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/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.84	8.93	138	88	120
Unit 6	2.04	6.18	125	40	120
Unit 7	2.63	7.75	135	60	120
	7.51	22.86			360
Bhusawal					
Unit 2	2.70	7.54	145	0	130
Unit 3	3.17	7.90	155	115	140
Unit 4		0.00	0	0	
	5.86	15.44			270
Parli					
Unit 3	0.00	3.78	0	0	0
Unit 4	1.99	5.27	100	63	95
Unit 5	2.34	7.01	132	72	90
Unit 6	0.00	0.25	0	0	0
Unit 7	2.90	7.51	239	0	100
	7.23	23.82			285
Chandrapur					
Unit 1	3.32	9.51	143	132	150
Unit 2	3.05	9.09	135	116	125
Unit 3	3.92	9.56	178	140	190
Unit 4	3.85	10.39	171	146	160
Unit 5	8.81	25.60	385	335	350
Unit 6	0.00	0.00	0	0	0
Unit 7	0.00	0.00	0	0	0
	22.95	64.14			975
Paras					
Unit 3	4.24	11.17	192	167	180
Unit 4	3.29	10.06	172	83	140
	7.54	21.23			320
Khaparkheda					
Unit 1	4.20	12.54	190	160	180
Unit 2	4.03	12.10	173	159	170
Unit 3	4.59	13.91	195	182	190
Unit 4	4.85	14.56	211	186	200
Unit 5	0.00	0.00	0	0	
	17.67	53.10			740
Nasik					
Unit 1		0.00	0	0	0
Unit 2		0.00	0	0	0
Unit 3	0.00	0.00	0	0	0
Unit 4	3.13	10.34	160	101	142
Unit 5	3.16	10.37	154	110	142
	6.29	20.71			284
Uran					
All Units	9.85	28.56	450	325	380
	9.85	28.56			380
Dabhol					
RGPPL	39.02	116.92	1645	1600	1590
	39.02	116.92			1590
Koyna					
Stage 1-2	4.17	11.74	385	40	600
Stage 4	4.70	17.07	793	0	250
Stage 3	3.03	9.81	294	0	320
	11.90	38.62			1170
Koyrna 12&4 Total	8.87	28.81			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.61	2.51	40	0	36
VTRNA	0.00	0.29	0	0	0
TILLARI	0.64	1.89	60	0	60
BHTGR/VEER	0.19	0.57	8	7	7
BHIRA T.R.	0.43	1.47	80	0	80
RNGR+BHTSA	0.05	0.15	2	2	2
BHANDARDRA	0.54	1.72	37	12	37
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	1.18	3.72	60	0	11
GHATGHAR	0.00	1.49	0	0	0
	3.63	13.81			233
PENCH (MS)					
Pench (MS)	0.63	1.67	53	10	
	0.63	1.67			
Wind					
MalharPeth	1.44	4.14			
Vankuswadi	1.58	5.51			
ATIT	0.86	2.33			
Kale	0.61	1.97			
Satara	1.76	4.54			
Shirala	0.80	2.18			
K Mahankal	0.64	3.60			
Supa	0.24	0.62			
Vita	3.20	8.84			
Dondaicha	4.31	11.25			
Sakri	0.60	1.88			
Nandurbar	0.48	1.24			
Khandke	0.42	2.64			
Khaparale	0.62	1.94			
	17.56	52.67			
CPP					
JSW JAIGAD	12.97	45.60	688	482	450
WARDHA	6.28	18.82	269	247	260
Other CPPs	3.36	10.04			
	22.61	74.47			710
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.32	32.77	490	430	490
Trombay 6	7.88	21.11	500	155	500
Trombay 7A	2.84	8.20	120	117	120
Trombay 7B	1.57	4.62	66	65	60
Trombay 8	0.00	0.00	0	0	0
TATA Hydro	6.45	18.95	393	3	447
	30.07	85.65			1617
REL					
1&2	12.60	37.76	527	524	500
	12.60	37.76			500
Cent Sect					
Share					3638
					3638

MS PG CL	Thermal	75.05	221.30			3234
	Thml+Gas	84.90	249.86			3614
	Hydro	15.52	52.43			1403
	Total	100.42	302.29			5017
State Total		222.91	671.44			13072

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/Aug/2011

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAN D WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS														
1	3343	393	396	4132	1628	459	1093	3111	3051	-376	-284	10103	1484	10146	1729	13316	49.58
2	3271	357	400	4028	1636	448	1077	3025	2969	-290	-182	10000	1390	10043	1580	12970	49.69
3	3110	208	399	3717	1635	490	1082	2986	2976	-242	-182	9742	1091	9785	1510	12343	49.71
4	3066	289	401	3756	1626	565	1086	2968	2875	-221	-140	9792	1063	9835	1466	12321	49.62
5	3184	213	325	3722	1636	728	1080	2974	2903	-231	-152	9941	1071	9984	1485	12497	49.77
6	3162	319	350	3831	1638	739	991	3143	3353	-253	-209	10366	1202	10409	1582	13150	49.81
7	3082	562	352	3996	1641	770	882	3186	3850	-311	-264	10898	1203	10941	1727	13828	49.94
8	3092	530	362	3984	1645	694	881	3239	4078	-365	-333	10972	1203	11015	1896	14071	50.01
9	3149	701	364	4214	1639	615	879	3313	4053	-440	-343	11080	1203	11123	2180	14463	49.90
10	3198	893	381	4472	1635	616	896	3539	3988	-522	-507	11123	1249	11186	2494	14866	49.89
11	3162	862	414	4438	1620	654	885	3835	4015	-711	-613	11022	1341	11160	2686	15049	49.78
12	3129	753	448	4330	1603	569	904	3881	3891	-758	-618	10702	1292	10836	2704	14698	49.69
13	3169	580	449	4198	1600	633	914	3862	4195	-734	-599	10965	1284	11093	2671	14920	49.81
14	3127	415	450	3992	1608	630	914	3810	3753	-675	-516	10405	1276	10525	2526	14207	49.82
15	3080	444	443	3967	1615	977	915	3533	3953	-523	-562	10889	1279	11008	2616	14784	49.68
16	3078	691	431	4200	1619	948	914	3444	3594	-557	-562	10737	1279	10850	2622	14638	49.67
17	3074	842	439	4355	1615	957	901	3436	3824	-547	-588	11088	1251	11127	2603	14942	49.73
18	2998	968	435	4401	1624	994	889	3407	3532	-517	-600	10850	1435	10889	2584	14869	49.78
19	2942	909	433	4284	1623	1145	895	3458	3661	-505	-508	11110	2037	11167	2554	15701	49.74
20	3002	1460	438	4900	1629	832	910	3634	3677	-531	-466	11492	2238	11544	2526	16256	49.71
21	3049	1503	434	4986	1623	802	905	3645	3593	-531	-486	11471	2245	11521	2470	16186	49.60
22	3138	997	433	4568	1629	848	909	3645	3543	-531	-461	11089	2237	11131	2318	15644	49.67
23	3229	385	434	4048	1633	717	907	3563	3392	-566	-482	10264	2236	10305	2180	14680	49.68
24	3216	251	435	3902	1625	728	899	3200	3086	-474	-389	9901	1921	9940	2009	13831	49.60
MUs	75.05	15.52	9.85	100.42	39.02	17.56	22.61	81.84	85.80	-11.41	-10.05	256.00	35.51	257.56	52.72	344.23	49.75

NOTE : ALL VALUES IN MW

Mumbai Sch./Net Exch is shown with reference to MSETCL System. (+) indicates Mum. to MSETCL and (-) indicates MSETCL to Mum. Mumbai Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 03/Aug/2011

Position as on 6.30 Hrs of 04/Aug/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Dabhol 1A	230	20/05/2011	13.22		Continued.	Rotor replacement.	10/08/2011
Chandrapur Unit 7	500	29/06/2011	21:40		Continued.	COH	16/08/2011
Chandrapur Unit 6	500	12/07/2011	17.24		Continued.	Stator Earth Fault(Mini overhaul)	11/08/2011
Tata Trombay 8	250	15/07/2011	01:45		Continued.	AOH	08/08/2011
Cent_Sect NTPC(V-7)	500	18/07/2011	00.03		Continued.	Annual overhaul.	15/08/2011
Nasik Unit 3	210	23/07/2011	01.55		Continued.	Annual Overhaul.	15/08/2011
CPP WPCL U-4	135	24/07/2011	06.40		Continued.	Maint.Work.	
FORCED OUTAGE							
Uran Unit 5	108	15/07/2011	10.40		Continued.	Turbine Blade Replacement.	10/08/2011
Uran Unit A0	120	17/07/2011	11.52	03/08/2011	10.23	Stator earth fault.	
Khaparkheda Unit 5	500	29/07/2011	13.06		Continued.	Loss of Fuel.	
Parli Unit 6	250	01/08/2011	02.47		Continued.	I D Fan Problem.	
Parli Unit 3	210	02/08/2011	12.43		Continued.	Due to wet coal.	
Bhusawal Unit 2	210	03/08/2011	01.37	03/08/2011	03.40	Furnace pressure high.	
CPP JSW (J) U1	300	03/08/2011	05.45		Continued.	PA Fan problem.	05/08/2011
Parli Unit 7	250	03/08/2011	17.25	03/08/2011	20.50	Flame Failure.	
Chandrapur Unit 1	210	03/08/2011	23.51	04/08/2011	06.20	Aux.supply fail.	
Koradi Unit 6	210	04/08/2011	01.45		Continued.	Boiler tube leakage.	06/08/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Aug/2011

Position as on 6.30 Hrs of 04/Aug/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad- II	26/07/2011	20.52		Continued.	Over voltage.
Akola - Wardha - I	26/07/2011	23.53		Continued.	Over Voltage.
Akola - Wardha - II	31/07/2011	22.03		Continued.	Over Voltage
Dhule-S'Sarovar I	01/08/2011	23.37		Continued.	H/T for O/V.
Kolhapur - Mapusa - I	02/08/2011	18.13		Continued.	Over Voltage.
Karad - Solapur (PGCIL)	02/08/2011	22.38	03/08/2011	07.15	Over Voltage.
Dhule - S'Sarovar- II	03/08/2011	23.04		Continued.	Over Voltage
Karad - Solapur (PGCIL)	04/08/2011	00.11		Continued.	Over Voltage,
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Main Bus - II @ Lamboti	03/08/2011	11.04	03/08/2011	14.56	Q.M.Work.
Main Bus-II at Chakan	03/08/2011	11.50	03/08/2011	15.41	Maintenance Work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(8 MonthOutage)
220/132KV,100 MVA ICT-III at Girwali.	21/06/2011	10.44		Continued.	Augmentation of ICT by new 200 MVA ICT upto 30.07.2011
100 KV Group Breaker - II at 220 kv Trombay	28/07/2011	08:56		Continued.	CT Replacement work (up to 31/07/2011)
220/132 KV 100 MVA ICT-I @ Chikhli.	30/07/2011	11.45		Continued.	Replacement by 200 MVA ICT.
Virur - Rly TSS - I	03/08/2011	09.52	03/08/2011	15.27	Q.M.Work
Pedambe-Newkoyna	03/08/2011	10.00	03/08/2011	15.00	Maintenance Work.
Talangade - Mudshingi - I	03/08/2011	10.00	03/08/2011	12.16	Q.M.Work.
Sahara-Urse	03/08/2011	10.02	03/08/2011	17.02	String insulator replacement.
Vita - Lamboti	03/08/2011	10.06	03/08/2011	16.42	Q.M.Work
220KV Half Main Bus Section-II at Sicom.	03/08/2011	12.55	03/08/2011	17.05	To attend hot spot.
220/132 KV 200 MVA ICT @ Kawlewada	03/08/2011	13.06	03/08/2011	18.06	Q.M.Work
220/100KV,200MVA ICT-I at Borivali.	03/08/2011	15.55	03/08/2011	17.36	Buchholz.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Girwali - Latur MIDC	19/07/2011	11.09		Continued.	Disc insulator strings replacement from LOC 32 to 82.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - I	25/07/2011	22.08		Continued.	Over Voltage.
Bhusawal- Aurangabad	02/08/2011	22.10	03/08/2011	07.33	Over Voltage.
Bhusawal- Aurangabad	03/08/2011	21.55		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	03/08/2011	22.32		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Bus Coupler @ WPCL	07/06/2011	17.22		Continued.	As being normally kept open.
Chandrapur - Warora	03/07/2011	21.47		Continued.	To Control Wardha-Warora & Wardha-Hinganghat loading.
Babaleshwar - Bhenda	24/07/2011	08.30		Continued.	To Control Babaleshwar ICT Loading.
Hingoli-Pusad	03/08/2011	16.09		Continued.	To control 220KV Wardha- Y'Mal L/L.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Aug/2011

Position as on 6.30 Hrs of 04/Aug/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Bale-Usmanabad	03/08/2011	19.09	03/08/2011	19.16	To control Parli ICT loading.
Bale-Murud	03/08/2011	19.09	03/08/2011	19.21	To control Parli ICT loading.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV 105 MVA Spare ICT at Parly II	22/04/2011	13.50		Continued.	To Remove Trip Coil Assembly for Bus Coupler.
Chandrapur - Parly - III	03/08/2011	15.01	03/08/2011	15.51	Distance protection.
Voltage Level : 220KV			Outage Type TRIPPED		
220/100KV 200MVA ICT-III at Kalwa	03/04/2011	16.00		Continued.	Buchholz Trip, Diff. Prot. operated, PRV tripped(Failed).
220/100KV 125 MVA ICT-I @ Kalwa	19/06/2011	13.45		Continued.	Buchholz Augmentation by 200 MVA.Expected in Sept.2011.
220/7 KV 20 MVA Stn.T/F-II at Korady	29/07/2011	16.30		Continued.	220kv Bus Bar Protection Operated.
Vankuswadi-KDPH	03/08/2011	15.05	04/08/2011	01.10	To control Parli ICT loading.
Pophali - KDPH	03/08/2011	15.05	04/08/2011	01.15	Distance protection.
Pusad - Bhugaon	03/08/2011	15.55		Continued.	B ph.conductor broken at 113km from Pusad.
Voltage Level : 132KV			Outage Type TRIPPED		
Pusad-Jambazar	03/08/2011	20.32	03/08/2011	20.53	Tripped at Pusad end only.
Voltage Level : 100KV			Outage Type TRIPPED		
Kandalgaon-Roha-II	02/08/2011	09.15	03/08/2011	22.43	C.B.Problem at K'gaon.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 04/Aug/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	140
Unit 6	210	0
Unit 7	210	140
	620	280
Bhusawal		
Unit 2	210	140
Unit 3	210	130
Unit 4	0	
	420	270
Parli		
Unit 3	210	0
Unit 4	210	100
Unit 5	210	110
Unit 6	250	0
Unit 7	250	150
	1130	360
Chandrapur		
Unit 1	210	0
Unit 2	210	120
Unit 3	210	160
Unit 4	210	160
Unit 5	500	380
Unit 6	500	0
Unit 7	500	0
	2340	820
Paras		
Unit 3	250	180
Unit 4	250	160
	500	340
Khaparkheda		
Unit 1	210	180
Unit 2	210	170
Unit 3	210	180
Unit 4	210	200
Unit 5	500	
	1340	730
Nasik		
Unit 1	120	0
Unit 2	120	0
Unit 3	210	0
Unit 4	210	142
Unit 5	210	142
	870	284
Uran		
All Units	852	430
	852	430
Dabhol		
RGPP	1940	1570
	1940	1570
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	36

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	7
BHIRA T.R.	80	80
RNGR+BHTSA	20	2
BHANDARDRA	45	37
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	232
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	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	600	450
WARDHA	405	260
Other CPPs	0	
	1005	710
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	0
TATA Hydro	444	420
	2024	1600
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3699
	3455	3699