



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

State Load Dispatch Center, Airoli

Daily system Report

for

07/Aug/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 07/Aug/2011 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	68.451	499.644	1) Madhya Pradesh	54.588	361.709
2) Hydro	18.149	110.300	2) Gujrat	29.710	227.699
3) Gas	10.379	70.365	3) Goa	-5.700	-38.689
Total MSGENCO	96.979	680.309	4) TAPS 1&2 (Inj.)	7.802	54.709
B) OTHERS			5) Pench (Excess)	-0.211	-2.465
1) RGPPL Gas	32.935	264.613	# Total Cent. Sector	86.189	602.963
2) Wind Generation	28.743	148.748	F) Other Exchanges		
3) CPP	21.747	159.822	1) With TPCL (Excess)	-10.935	-95.070
4) PENCH (MS)	0.211	4.051	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	18.910	131.060
1) TPCL Thermal	19.503	153.606	Include PX	0.000	8.687
2) TPCL Hydro	3.465	40.502	2) MUMBAI Bilateral	11.045	95.844
TOTAL TPCL	22.968	194.108	Include PX	1.184	1.639
3) REL Thermal	11.047	70.415	3) MUMBAI Schedule	11.045	98.467
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	99.001	723.665	1) MSEDCL	255.869	1765.436
2) Hydro (A2+B3+C2)	21.825	154.853	2) TPCL	28.963	238.690
3) Gas (A3+B1)	43.314	334.978	3) REL	15.984	120.879
4) Wind (B2)	28.743	148.748	TOTAL STATE	300.816	2125.005
5) CPP (B3)	21.747	159.822			
TOTAL STATE	214.630	1522.066			

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	2902	3004	2556
MSGENCO Hydro	631	1497	599
MSGENCO Gas	432	427	433
MSGENCO Total Generation	3965	4928	3588
Central Sector Receipt	4132	3598	3317
RGPPL	1390	1392	1341
WIND	1301	1274	1142
CPP	899	935	927
Exchange with Mumbai	-569	-509	-486
MSEDCL DEMAND MET	11118	11652	9829
Load Shedding (LS)	32	40	32
MSEDCL DEMAND (INCL. LS)	11150	11692	9861
TPCL GENERATION	1052	1016	829
REL GENERATION	516	518	258
TPCL+REL DEMAND	2137	2043	1573
STATE DEMAND MET	13255	13695	11402
Load Management (LM)	1228	2376	1198
Total Load Relief (LS+LM)	1260	2416	1230
UNRESTRICTED STATE DEMAND	14515	16111	12632
Frequency (Hz)	49.82	49.66	49.70

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 09.15 Hrs	49.2 Hz at 19.33 Hrs	49.76	.06 % 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 07/Aug/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.09	19.97	110	33	90
Unit 6	0.70	6.99	142	0	0
Unit 7	2.90	19.21	145	80	140
	5.70	46.17			230
Bhusawal					
Unit 2	2.64	19.69	130	0	130
Unit 3	2.94	19.28	140	100	130
Unit 4		0.00	0	0	
	5.58	38.98			260
Parli					
Unit 3	0.00	3.78	0	0	0
Unit 4	2.80	16.71	132	100	125
Unit 5	0.00	11.59	0	0	0
Unit 6	0.00	0.25	0	0	0
Unit 7	1.84	20.15	136	0	125
	4.64	52.48			250
Chandrapur					
Unit 1	3.20	21.35	140	125	140
Unit 2	2.93	20.58	131	92	130
Unit 3	0.00	17.87	0	0	0
Unit 4	3.76	24.35	168	135	160
Unit 5	9.06	60.72	445	330	360
Unit 6	5.26	5.48	285	94	240
Unit 7	0.00	0.00	0	0	0
	24.21	150.36			1030
Paras					
Unit 3	2.80	24.51	169	91	120
Unit 4	3.54	23.16	171	112	150
	6.34	47.67			270
Khaparkheda					
Unit 1	3.72	27.36	165	145	150
Unit 2	3.72	26.71	165	144	150
Unit 3	2.84	26.86	185	0	0
Unit 4	3.97	30.08	175	161	160
Unit 5		2.37	0	0	
	14.25	113.38			460
Nasik					
Unit 1		0.00	0	0	
Unit 2		0.00	0	0	
Unit 3	0.00	0.00	0	0	0
Unit 4	3.80	24.90	185	125	175
Unit 5	3.94	25.70	180	141	175
	7.73	50.60			350
Uran					
All Units	10.38	70.36	437	427	430
	10.38	70.36			430
Dabhol					
RGPPL	32.94	264.61	1393	1339	1300
	32.94	264.61			1300
Koyna					
Stage 1-2	5.08	25.52	505	45	520
Stage 4	5.75	34.00	810	0	250
Stage 3	3.09	19.33	320	0	320
	13.92	78.84			1090
Koyna 12&4 Total	10.83	59.51			770

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.94	6.13	40	39	36
VTRNA	0.00	0.82	0	0	60
TILLARI	0.75	5.39	60	0	60
BHTGR/VEER	0.10	1.21	5	4	7
BHIRA T.R.	0.50	3.44	82	0	80
RNGR+BHTSA	0.06	0.37	3	2	2
BHANDARDRA	0.62	3.34	26	25	20
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	1.27	8.85	61	50	16
GHATGHAR	0.00	1.90	0	0	0
	4.23	31.46			281
PENCH (MS)					
Pench (MS)	0.21	4.05	52	0	
	0.21	4.05			
Wind					
MalharPeth	1.60	10.24			
Vankuswadi	2.60	15.96			
ATIT	0.34	3.75			
Kale	0.82	5.08			
Satara	0.79	19.40			
Shirala	1.00	5.47			
K Mahankal	3.98	7.88			
Supa	0.35	1.90			
Vita	3.25	22.84			
Dondaicha	9.10	33.08			
Sakri	1.39	5.45			
Nandurbar	0.81	3.27			
Khandke	1.54	8.11			
Khaparale	1.16	6.32			
	28.74	148.75			
CPP					
JSW JAIGAD	12.68	94.24	605	295	550
WARDHA	6.24	43.82	269	254	260
Other CPPs	2.83	21.76			
	21.75	159.82			810
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.70	78.79	490	470	490
Trombay 6	3.82	45.16	210	155	500
Trombay 7A	2.51	18.92	119	70	120
Trombay 7B	1.48	10.73	66	52	60
Trombay 8	0.00	0.00	0	0	0
TATA Hydro	3.46	40.50	315	0	447
	22.97	194.11			1617
REL					
1&2	11.05	70.42	519	258	500
	11.05	70.42			500
Cent Sect					
Share					3443
					3443

MS PG CL	Thermal	68.45	499.64			2850
	Thml+Gas	78.83	570.01			3280
	Hydro	18.15	110.30			1371
	Total	96.98	680.31			4651
State Total		214.63	1522.07			12321

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/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	2674	929	434	4037	1342	1065	902	3355	3348	-652	-644	10050	1311	10082	1816	13177	49.68
2	2594	651	433	3678	1342	1109	914	3276	3423	-584	-579	9887	1236	9919	1701	12824	49.73
3	2623	545	433	3601	1339	1128	907	3205	3395	-535	-525	9845	1241	9877	1615	12701	49.64
4	2556	599	433	3588	1341	1142	927	3186	3317	-515	-486	9829	1230	9861	1573	12632	49.70
5	2558	784	434	3776	1343	1117	980	3186	3244	-515	-438	10022	1236	10054	1552	12810	49.85
6	2724	812	433	3969	1344	1107	973	3186	3305	-515	-333	10365	1313	10397	1588	13266	49.79
7	2938	740	434	4112	1343	1064	972	3089	3380	-469	-259	10612	1308	10644	1609	13529	49.80
8	2951	712	437	4100	1343	1215	978	2998	3626	-387	-310	10952	1308	10984	1672	13932	49.81
9	2988	681	437	4106	1343	1227	978	2964	4091	-387	-437	11308	1308	11340	1797	14413	49.91
10	2925	514	432	3871	1380	1348	984	3112	4144	-419	-486	11241	1266	11273	1942	14449	49.91
11	2917	452	432	3801	1392	1323	983	3181	4053	-450	-534	11018	1278	11050	2056	14352	49.93
12	2902	631	432	3965	1390	1301	899	3215	4132	-484	-569	11118	1260	11150	2137	14515	49.82
13	2821	806	432	4059	1388	1113	678	3210	4122	-484	-454	10906	1257	10938	2014	14177	49.74
14	2782	662	428	3872	1390	1256	692	3231	3849	-397	-412	10647	1257	10679	1967	13871	49.80
15	2780	684	433	3897	1390	1216	771	3127	3705	-350	-438	10541	1261	10573	1972	13774	49.73
16	2786	1046	434	4266	1391	1357	885	3007	3244	-340	-366	10777	1254	10809	1876	13907	49.79
17	2930	795	433	4158	1391	1418	916	2999	3701	-318	-368	11216	1309	11256	1859	14384	49.77
18	2922	270	430	3622	1391	1287	930	3019	3534	-329	-358	10406	1555	10446	1872	13833	49.77
19	2916	589	433	3938	1391	1234	929	3209	3350	-377	-430	10412	2222	10452	1943	14577	49.72
20	3004	1497	427	4928	1392	1274	935	3377	3598	-426	-509	11652	2416	11692	2043	16111	49.66
21	3057	1545	432	5034	1392	1196	962	3426	3444	-528	-607	11469	2424	11509	2208	16101	49.58
22	3006	1096	431	4533	1393	1059	951	3436	3473	-538	-528	10933	2424	10973	2121	15478	49.72
23	3069	722	428	4219	1392	1065	843	3331	3443	-553	-440	10574	2424	10614	2041	15039	49.67
24	3028	387	434	3849	1392	1122	858	3149	3268	-494	-425	10089	2107	10129	1976	14172	49.71
MUs	68.45	18.15	10.38	96.98	32.94	28.74	21.75	76.47	86.19	-11.05	-10.94	255.87	37.20	256.70	44.95	338.02	49.76

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 07/Aug/2011

Position as on 6.30 Hrs of 08/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
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
Parli Unit 6	250	01/08/2011	02.47	08/08/2011	02.43	I D Fan Problem.	
Parli Unit 3	210	02/08/2011	12.43		Continued.	Due to wet coal.	
CPP JSW (J) U1	300	03/08/2011	05.45	07/08/2011	18.37	PA Fan problem.	
Koradi Unit 6	210	04/08/2011	01.45	07/08/2011	15.30	Boiler tube leakage.	
REL 1	250	04/08/2011	10.55	07/08/2011	04.34	Boiler Tube Leakage.	
Khaparkheda Unit 5	500	05/08/2011	09.32		Continued.	H.P.Pump problem	
Parli Unit 5	210	05/08/2011	22:07		Continued.	Wet coal problem.	09/08/2011
Koyna Unit 5	80	06/08/2011	04.05		Continued.	LGB Cooler Leakage	09/08/2011
Khaparkheda Unit 3	210	06/08/2011	15.13	07/08/2011	05.54	Flame Failure.	
Bhusawal Unit 2	210	07/08/2011	03.35	07/08/2011	05.34	Inter Lock Boiler Trip.	
Parli Unit 7	250	07/08/2011	09.07	07/08/2011	15.07	Furance Pressure High.	
CPP JSW (J) U2	300	07/08/2011	11.42	07/08/2011	13.10	Mall Operation.	
CPP JSW (J) U1	300	07/08/2011	21.36	08/08/2011	02.11	Turbine Vibration High.	
Bhusawal Unit 2	210	08/08/2011	06.18		Continued.	Tripped.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 07/Aug/2011

Position as on 6.30 Hrs of 08/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
Kolhapur - Mapusa - I	02/08/2011	18.13		Continued.	Over Voltage.
Dhule-Sar'Sarovar - II	06/08/2011	17.39	07/08/2011	09.02	Over Voltage.
Karad - Solapur (PGCIL)	06/08/2011	17.40	07/08/2011	06.17	Over Voltage.
Dhule-Sar'Sarovar - I	06/08/2011	23.39	07/08/2011	08.04	Over Voltage.
Dhule-Sar'Sarovar - I	07/08/2011	14.06		Continued.	Over Voltage.
Karad - Solapur (PGCIL)	07/08/2011	22.10		Continued.	Over Voltage.
Dhule-Sar'Sarovar - II	07/08/2011	23.53		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Bus Coupler at 400KV Karad.	04/08/2011	12.40		Continued.	400KV Jaigad-Karad stringing work.Upto 9.8.11.
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 16.08.2011.
100 KV Group Breaker - II at 220 kv Trombay	28/07/2011	08:56		Continued.	CT Replacement work (up to 10/08/2011)
220/132 KV 100 MVA ICT-I @ Chikhli.	30/07/2011	11.45		Continued.	Replacement by 200 MVA ICT.Up to 20.08.2011.
220/132 KV 250 MVA ICT at Ambazari	05/08/2011	10.41		Continued.	ICT is to be replaced by 200 MVA ICT Upto 20.8.11.
Main Bus-II At 220 KV BBLSR	06/08/2011	11.27		Continued.	Construction Works of L V Bay of New ICT Upto 8.8.11.
Pedambe-Mahad	07/08/2011	07.57	07/08/2011	17.53	Isolator Maint.Work.
Boiser - Borivali	07/08/2011	09.48	07/08/2011	15.18	Hot Spot.
Voltage Level : 110KV			Outage Type PLANNED OUTAGE		
Borivali-Borivali Tata-II	07/08/2011	08.39	07/08/2011	14.38	Red Hot.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220KV,100 MVA Spare Unit at Korady	04/08/2011	16.28		Continued.	To attend buchholz alarm problem.
Bhusawal- Aurangabad	06/08/2011	18.07	07/08/2011	07.58	Over Voltage.
Bhusawal- Aurangabad	07/08/2011	21.44		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.
Abhijeet-Wardha-I	04/08/2011	05.14		Continued.	To control Wardha-Y'mal line loading.
Bale-Murud	07/08/2011	10.20		Continued.	To Control Parly ICT Loading.
Bale-Osmanbad	07/08/2011	10.20		Continued.	To Control Parly 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.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 07/Aug/2011

Position as on 6.30 Hrs of 08/Aug/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
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).
220/7 KV 20 MVA Stn.T/F-II at Korady	29/07/2011	16.30		Continued.	220kv Bus Bar Protection Operated.
Koradi-Butibori	07/08/2011	21.18		Continued.	Backup Protection Operated O/C & E/F @ Both End. Bkr Problem @ Koradi. Ckt is Charged from Butibori @ 22.05 & TSS.
Voltage Level : 132KV			Outage Type TRIPPED		
Mansar - PENCH	06/08/2011	22.08	07/08/2011	22.20	O/C, E/F.
Paras-Malkapur	07/08/2011	10.02	07/08/2011	10.25	Transient Fault, R Ph., O/C.
Amravati-Chandurbazar	07/08/2011	18.40	07/08/2011	19.00	Distance Protection Operated Z-I.
Pusad - Gunj	07/08/2011	23.04	07/08/2011	23.11	Backup Protection Operated O/C, E/F R Ph.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 08/Aug/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	140
Unit 6	210	130
Unit 7	210	120
	620	390
Bhusawal		
Unit 2	210	130
Unit 3	210	130
Unit 4	0	
	420	260
Parli		
Unit 3	210	0
Unit 4	210	125
Unit 5	210	0
Unit 6	250	75
Unit 7	250	160
	1130	360
Chandrapur		
Unit 1	210	100
Unit 2	210	70
Unit 3	210	0
Unit 4	210	160
Unit 5	500	300
Unit 6	500	280
Unit 7	500	0
	2340	910
Paras		
Unit 3	250	100
Unit 4	250	110
	500	210
Khaparkheda		
Unit 1	210	175
Unit 2	210	170
Unit 3	210	175
Unit 4	210	175
Unit 5	500	
	1340	695
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	0
Unit 4	210	128
Unit 5	210	168
	870	296
Uran		
All Units	852	430
	852	430
Dabhol		
RGPP	1940	1300
	1940	1300
Koyna		
Stage 1-2	600	520
Stage 4	1000	250
Stage 3	320	320
	1920	1090
Hydro		
KDPH	40	36

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	5
BHIRA T.R.	80	80
RNGR+BHTSA	20	3
BHANDARDRA	45	25
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	219
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	800
WARDHA	405	260
Other CPPs	0	
	1005	1060
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	0
TATA Hydro	444	447
	2024	1617
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3471
	3455	3471