



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

State Load Dispatch Center, Airoli

Daily system Report

for

10/Aug/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 10/Aug/2011 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	78.519	727.024	1) Madhya Pradesh	33.383	502.226
2) Hydro	15.100	155.222	2) Gujrat	46.384	337.963
3) Gas	10.482	101.780	3) Goa	-5.730	-56.396
Total MSGENCO	104.101	984.026	4) TAPS 1&2 (Inj.)	7.802	78.097
B) OTHERS			5) Pench (Excess)	-0.296	-3.152
1) RGPPL Gas	38.467	375.577	# Total Cent. Sector	81.543	858.738
2) Wind Generation	31.690	241.306	F) Other Exchanges		
3) CPP	22.354	224.858	1) With TPCL (Excess)	-14.345	-138.271
4) PENCH (MS)	0.296	4.738	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	24.045	196.645
1) TPCL Thermal	22.715	221.043	Include PX	6.337	23.022
2) TPCL Hydro	5.999	58.455	2) MUMBAI Bilateral	12.898	135.646
TOTAL TPCL	28.714	279.498	Include PX	0.454	3.137
3) REL Thermal	12.611	107.396	3) MUMBAI Schedule	12.898	138.857
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	113.845	1055.463	1) MSEDCL	264.106	2550.972
2) Hydro (A2+B3+C2)	21.395	218.415	2) TPCL	36.833	348.338
3) Gas (A3+B1)	48.949	477.357	3) REL	18.836	176.797
4) Wind (B2)	31.690	241.306	TOTAL STATE	319.775	3076.107
5) CPP (B3)	22.354	224.858			
TOTAL STATE	238.233	2217.399			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	3265	3308	3054
MSGENCO Hydro	730	2035	158
MSGENCO Gas	436	438	446
MSGENCO Total Generation	4431	5781	3658
Central Sector Receipt	3512	3280	2774
RGPPL	1597	1595	1606
WIND	1434	1104	1409
CPP	954	947	882
Exchange with Mumbai	-792	-610	-363
MSEDCL DEMAND MET	11136	12147	9966
Load Shedding (LS)	151	0	0
MSEDCL DEMAND (INCL. LS)	11287	12147	9966
TPCL GENERATION	1506	1489	759
REL GENERATION	525	525	524
TPCL+REL DEMAND	2823	2624	1646
STATE DEMAND MET	13959	14771	11612
Load Management (LM)	1282	2348	1124
Total Load Relief (LS+LM)	1433	2348	1124
UNRESTRICTED STATE DEMAND	15392	17119	12736
Frequency (Hz)	49.81	49.57	49.83

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 07.05 Hrs	49.19 Hz at 19.24 Hrs	49.81	.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 10/Aug/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.26	29.36	156	111	150
Unit 6	2.94	16.40	150	98	140
Unit 7	3.40	29.13	160	120	150
	9.60	74.90			440
Bhusawal					
Unit 2	3.72	29.10	165	140	165
Unit 3	0.00	20.85	0	0	0
Unit 4		0.00	0	0	0
	3.72	49.95			165
Parli					
Unit 3	0.00	3.78	0	0	0
Unit 4	2.20	23.90	106	80	85
Unit 5	0.00	11.59	0	0	0
Unit 6	3.58	9.99	185	92	165
Unit 7	2.85	30.12	190	83	115
	8.63	79.37			365
Chandrapur					
Unit 1	3.06	30.62	135	118	125
Unit 2	2.82	28.45	126	104	120
Unit 3	3.97	24.18	185	70	160
Unit 4	3.94	35.46	172	145	170
Unit 5	8.22	83.15	370	300	300
Unit 6	7.24	25.44	345	210	350
Unit 7	0.00	0.00	0	0	0
	29.26	227.30			1225
Paras					
Unit 3	2.42	31.90	140	58	80
Unit 4	1.40	28.04	64	44	60
	3.82	59.94			140
Khaparkheda					
Unit 1	4.10	39.54	200	140	180
Unit 2	3.83	38.66	175	125	174
Unit 3	4.45	40.26	198	169	182
Unit 4	4.57	43.53	202	173	187
Unit 5	0.00	2.37	0	0	
	16.94	164.37			723
Nasik					
Unit 1		0.00	0	0	
Unit 2		0.00	0	0	
Unit 3	0.00	0.00	0	0	0
Unit 4	3.23	34.79	152	114	128
Unit 5	3.33	36.40	164	118	134
	6.56	71.18			262
Uran					
All Units	10.48	101.78	447	431	430
	10.48	101.78			430
Dabhol					
RGPPL	38.47	375.58	1618	1587	1570
	38.47	375.58			1570
Koyna					
Stage 1-2	3.14	35.19	425	40	600
Stage 4	6.05	51.43	1089	0	250
Stage 3	1.94	25.74	320	0	320
	11.13	112.36			1170
Kovna 12&4 Total	9.19	86.62			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.92	8.83	39	38	36
VTRNA	0.00	0.82	0	0	0
TILLARI	0.76	7.65	62	0	60
BHTGR/VEER	0.19	1.78	8	8	12
BHIRA T.R.	0.50	4.88	82	0	80
RNGR+BHTSA	0.06	0.55	3	2	2
BHANDARDRA	0.00	3.56	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	1.24	12.58	59	49	30
GHATGHAR	0.30	2.20	125	0	0
	3.97	42.86			220
PENCH (MS)					
Pench (MS)	0.30	4.74	53	0	
	0.30	4.74			
Wind					
MalharPeth	1.50	14.58			
Vankuswadi	2.49	23.36			
ATIT	0.33	4.79			
Kale	0.80	7.51			
Satara	3.93	24.81			
Shirala	1.70	8.70			
K Mahankal	0.12	16.92			
Supa	0.54	3.41			
Vita	3.84	34.56			
Dondaicha	10.44	61.83			
Sakri	1.72	10.22			
Nandurbar	1.02	6.31			
Khandke	2.00	14.02			
Khaparale	1.27	10.29			
	31.69	241.31			
CPP					
JSW JAIGAD	13.14	131.36	560	491	500
WARDHA	6.16	62.54	266	194	260
Other CPPs	3.05	30.96			
	22.35	224.86			760
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.29	112.46	490	395	500
Trombay 6	7.02	66.44	445	155	490
Trombay 7A	2.83	26.86	119	117	120
Trombay 7B	1.57	15.27	66	64	60
Trombay 8	0.00	0.00	0	0	0
TATA Hydro	6.00	58.46	387	0	447
	28.71	279.50			1617
REL					
1&2	12.61	107.40	527	524	500
	12.61	107.40			500
Cent Sect					
Share					3111
					3111

MS PG CL	Thermal	78.52	727.02			3320
	Thml+Gas	89.00	828.80			3750
	Hydro	15.10	155.22			1390
	Total	104.10	984.03			5140
State Total		238.23	2217.40			12698

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/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	3150	143	447	3740	1609	1360	948	2610	3014	-435	-473	10224	1565	10224	1863	13652	49.86
2	3058	138	435	3631	1605	1408	932	2529	2909	-350	-396	10090	1481	10090	1725	13296	49.81
3	3054	158	446	3658	1606	1409	882	2674	2774	-286	-363	9966	1124	9966	1646	12736	49.83
4	3121	148	435	3704	1608	1485	883	2605	2771	-249	-340	10111	1114	10111	1600	12825	49.86
5	3198	143	436	3777	1617	1361	880	2602	2941	-249	-309	10267	1131	10267	1605	13003	50.01
6	3275	193	438	3906	1611	1391	925	2770	3203	-270	-323	10713	1258	10713	1670	13641	49.86
7	3328	213	440	3981	1610	1356	940	2829	3681	-334	-400	11168	1260	11168	1794	14222	49.86
8	3309	341	440	4090	1618	1336	937	2875	3974	-382	-474	11481	1260	11481	1981	14722	49.97
9	3273	479	438	4190	1608	1369	944	2921	3836	-430	-511	11436	1310	11486	2251	14997	49.87
10	3307	709	436	4452	1603	1432	926	3147	3580	-526	-624	11369	1408	11507	2603	15380	49.87
11	3265	730	436	4431	1597	1434	954	3191	3512	-730	-792	11136	1433	11287	2823	15392	49.81
12	3290	645	435	4370	1600	1412	931	3365	3589	-787	-838	11064	1323	11141	2869	15256	49.91
13	3336	396	435	4167	1597	1430	941	3431	3668	-766	-850	10953	1243	10953	2836	15032	49.83
14	3338	327	435	4100	1599	1423	942	3386	3494	-720	-804	10754	1243	10754	2740	14737	49.94
15	3424	447	435	4306	1588	1441	942	3362	3655	-720	-773	11159	1248	11159	2774	15181	49.76
16	3385	673	436	4494	1587	1392	950	3251	3454	-720	-799	11078	1242	11078	2784	15104	49.73
17	3343	802	437	4582	1597	1346	946	3215	3634	-680	-781	11324	1289	11324	2759	15372	49.83
18	3351	574	440	4365	1597	1291	954	3187	3660	-644	-731	11136	1496	11136	2706	15338	49.84
19	3356	536	435	4327	1599	1255	955	3235	3588	-571	-607	11134	2159	11134	2625	15918	49.78
20	3308	2035	438	5781	1595	1104	947	3056	3280	-567	-610	12147	2348	12147	2624	17119	49.57
21	3295	2085	433	5813	1602	1073	945	3134	3223	-640	-665	12044	2356	12044	2551	16951	49.65
22	3308	1690	431	5429	1603	932	947	3252	3259	-640	-650	11570	2356	11570	2426	16352	49.60
23	3265	894	433	4592	1606	1137	933	3249	3485	-640	-652	11151	2356	11151	2291	15798	49.68
24	3182	601	432	4215	1605	1113	870	3156	3359	-558	-580	10631	2046	10631	2124	14801	49.73
MUs	78.52	15.10	10.48	104.10	38.47	31.69	22.35	73.03	81.54	-12.90	-14.34	264.11	37.05	264.52	55.67	356.82	49.81

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 10/Aug/2011

Position as on 6.30 Hrs of 11/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.	19/08/2011
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	13/08/2011
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.	16/08/2011
FORCED OUTAGE							
Uran Unit 5	108	15/07/2011	10.40		Continued.	Turbine Blade Replacement.	20/08/2011
Parli Unit 3	210	02/08/2011	12.43		Continued.	Due to wet coal.	
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.	11/08/2011
Cent_Sect KARPR2	220	07/08/2011	09.55	10/08/2011	18.14	Reactor tripped.	
CPP JSW (J) U1	300	08/08/2011	10.30		Continued.	Bearing Vibration High.	11/08/2011
Bhusawal Unit 3	210	08/08/2011	14.00		Continued.	Boiler Tube Leakage.	11/08/2011
Cent_Sect NTPC(V-4)	210	09/08/2011	00.07		Continued.	Flame Failure.	11/08/2011
Cent_Sect NTPC(V-2)	210	09/08/2011	00.18		Continued.	Wet Coal.	12/08/2011
Cent_Sect NTPC(V-5)	210	09/08/2011	17.45		Continued.	Wet coal problem.	
Cent_Sect NTPC(V-8)	500	09/08/2011	22.47		Continued.	Wet Coal.	
Cent_Sect NTPC(K-4)	500	09/08/2011	23.54		Continued.	BLR T/L.	12/08/2011
CPP WPCL U-1	135	10/08/2011	23.00		Continued.	ID fan vibration problem.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Aug/2011

Position as on 6.30 Hrs of 11/Aug/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Pench - Kanhan	02/08/2011	07.30	10/08/2011	18.48	Height raising work for national highway work.
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-II	09/08/2011	22.10	10/08/2011	12.03	Over Voltage.
Dhule-Sar'Sarovar - I	10/08/2011	00.17	10/08/2011	07.11	Over Voltage.
Karad - Solapur (PGCIL)	10/08/2011	20.54	11/08/2011	06.08	Over Voltage.
Kolhapur-Mapusa-II	10/08/2011	22.44		Continued.	Over Voltage.
Dhule-Khandwa I	10/08/2011	23.34		Continued.	Over Voltage.
Chandrapur-Bhadravti - I	11/08/2011	02.30	11/08/2011	06.13	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Bus Coupler at 400KV Karad.	04/08/2011	12.40	10/08/2011	18.53	400KV Jaigad-Karad stringing work.Upto 9.8.11.
600 MVA 21/400 KV GT-VI @ Chandrapur	08/08/2011	12.24		Continued.	H V Side is on TBC for CRM of Main Bkr.
400/220KV,500 MVA ICT-III at Nagothane.	10/08/2011	13.20	10/08/2011	13.56	Charged from HV side and kept on humming.
400/220 KV,500MVA ICT-II at Deepnagar.	10/08/2011	17.00	10/08/2011	18.53	Charged on No load.
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 10.8.11.
Parli-Usmanabad	10/08/2011	08.03		Continued.	Stringing work of 400KV DC Parli-Solapur line .
Murud - Girawli.	10/08/2011	08.10	10/08/2011	20.46	Stringing work of 400KV DC Parli-Solapur line .
Nasik-Raymond	10/08/2011	10.06	10/08/2011	17.35	Commissioning of Auto reclose scheme & Maintenance work.
220/132KV 200MVA ICT @ Beed	10/08/2011	10.18	10/08/2011	15.47	Q.M.Work
New Parli - Beed	10/08/2011	10.19	10/08/2011	15.52	Q.M.Work
New Koyana - Pawas	10/08/2011	10.37	10/08/2011	15.50	Making LILO for 220KV Nivali Phata S/S.
Chalisgaon - Bhusawal- II	10/08/2011	11.38	10/08/2011	15.37	Reconnection of jumpering work.
Nivali-Pawas	10/08/2011	15.40	10/08/2011	15.46	Newly commissioned Nivali Phata S/S.
Nivali-N'koyana	10/08/2011	15.40	10/08/2011	15.43	Newly commissioned Nivali Phata S/S.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Aug/2011

Position as on 6.30 Hrs of 11/Aug/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Kanhan - Bhandara	10/08/2011	10.53	10/08/2011	13.56	Q.M.Work
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Boiser - Borivali	10/08/2011	15.50	10/08/2011	16.20	Alignment of isolator.
Voltage Level : 132KV			Outage Type FORCED OUTAGE		
Beed- Raimoha	10/08/2011	10.35	10/08/2011	12.55	Attending Hot Spot.
Voltage Level : 500KV			Outage Type HAND TRIPPED		
Chandrapur-Padaghe Pole - II	08/08/2011	09.17		Continued.	Annual Maintenance Work of All Equipment in AC/DC Yard upto 20.8.11.
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.
Karad - Kolhapur - II	06/08/2011	22.58		Continued.	Over Voltage.
Bhusawal- Aurangabad	09/08/2011	21.48	10/08/2011	06.53	Over Voltage.
Bhusawal- Aurangabad	10/08/2011	20.47	11/08/2011	06.15	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	10/08/2011	11.41	To control Wardha-Y'mal line loading.
BBLSR-Waluj	08/08/2011	07.55		Continued.	To control BBLSR ICT Loading.
Padgha - Temghar - II	09/08/2011	10.12		Continued.	To control Padgha ICT load.
Padgha-Temghar I	09/08/2011	10.31		Continued.	To control Padgha ICT load.
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.
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.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 11/Aug/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	154
Unit 6	210	42
Unit 7	210	108
	620	304
Bhusawal		
Unit 2	210	160
Unit 3	210	0
Unit 4	0	
	420	160
Parli		
Unit 3	210	0
Unit 4	210	90
Unit 5	210	0
Unit 6	250	150
Unit 7	250	50
	1130	290
Chandrapur		
Unit 1	210	130
Unit 2	210	120
Unit 3	210	180
Unit 4	210	170
Unit 5	500	350
Unit 6	500	350
Unit 7	500	0
	2340	1300
Paras		
Unit 3	250	150
Unit 4	250	80
	500	230
Khaparkheda		
Unit 1	210	139
Unit 2	210	173
Unit 3	210	146
Unit 4	210	185
Unit 5	500	
	1340	643
Nasik		
Unit 1	120	0
Unit 2	120	0
Unit 3	210	0
Unit 4	210	107
Unit 5	210	142
	870	249
Uran		
All Units	852	430
	852	430
Dabhol		
RGPP	1940	1550
	1940	1550
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	39

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	8
BHIRA T.R.	80	80
RNGR+BHTSA	20	2
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	199
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	530
WARDHA	405	200
Other CPPs	0	
	1005	730
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	490
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	3171
	3455	3171