



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

State Load Dispatch Center, Airoli

Daily system Report

for

25/Aug/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 25/Aug/2011 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	76.948	1814.416	1) Madhya Pradesh	47.170	1214.285
2) Hydro	6.602	380.397	2) Gujrat	46.666	1104.114
3) Gas	15.073	303.565	3) Goa	-6.002	-143.670
Total MSGENCO	98.623	2498.378	4) TAPS 1&2 (Inj.)	7.809	195.302
B) OTHERS			5) Pench (Excess)	0.000	-5.167
1) RGPPL Gas	31.346	928.148	# Total Cent. Sector	95.643	2364.864
2) Wind Generation	15.242	451.166	F) Other Exchanges		
3) CPP	21.759	541.771	1) With TPCL (Excess)	-13.013	-324.332
4) PENCH (MS)	0.000	6.753	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	26.828	583.396
1) TPCL Thermal	23.615	554.850	Include PX	10.152	155.545
2) TPCL Hydro	3.947	130.267	2) MUMBAI Bilateral	13.065	323.656
TOTAL TPCL	27.562	685.117	Include PX	3.050	13.055
3) REL Thermal	12.595	296.224	3) MUMBAI Schedule	13.065	326.867
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	113.158	2665.490	1) MSEDCL	249.600	6466.748
2) Hydro (A2+B3+C2)	10.549	517.417	2) TPCL	35.597	866.461
3) Gas (A3+B1)	46.419	1231.713	3) REL	17.570	439.005
4) Wind (B2)	15.242	451.166	TOTAL STATE	302.767	7772.214
5) CPP (B3)	21.759	541.771			
TOTAL STATE	207.127	5407.557			

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	3101	3355	3148
MSGENCO Hydro	268	1096	143
MSGENCO Gas	622	627	631
MSGENCO Total Generation	3991	5078	3922
Central Sector Receipt	4049	3817	3507
RGPPL	1299	1302	1324
WIND	842	729	433
CPP	949	824	934
Exchange with Mumbai	-689	-452	-268
MSEDCL DEMAND MET	10441	11298	9852
Load Shedding (LS)	54	47	49
MSEDCL DEMAND (INCL. LS)	10495	11345	9901
TPCL GENERATION	1468	1592	730
REL GENERATION	524	527	525
TPCL+REL DEMAND	2681	2571	1523
STATE DEMAND MET	13122	13869	11375
Load Management (LM)	1089	2121	961
Total Load Relief (LS+LM)	1143	2168	1010
UNRESTRICTED STATE DEMAND	14265	16037	12385
Frequency (Hz)	50.01	49.65	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.39 Hz at 17.04 Hrs	49.21 Hz at 20.12 Hrs	49.92	0 % 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 25/Aug/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.72	78.36	162	145	160
Unit 6	3.50	63.29	155	112	150
Unit 7	3.98	82.70	180	150	160
	11.21	224.35			470
Bhusawal					
Unit 2	0.00	58.80	0	0	0
Unit 3	2.96	59.68	140	110	110
Unit 4		0.00	0	0	
	2.96	118.48			110
Parli					
Unit 3	0.00	3.78	0	0	0
Unit 4	2.73	64.81	149	69	105
Unit 5	2.79	34.02	149	86	90
Unit 6	0.44	40.23	105	0	0
Unit 7	0.00	65.16	0	0	0
	5.95	208.00			195
Chandrapur					
Unit 1	3.28	75.18	151	117	150
Unit 2	3.02	68.43	136	119	130
Unit 3	4.07	77.00	183	125	180
Unit 4	0.00	53.08	0	0	0
Unit 5	9.60	201.44	435	350	400
Unit 6	9.47	128.29	430	331	400
Unit 7	0.00	0.00	0	0	0
	29.44	603.42			1260
Paras					
Unit 3	0.00	53.20	0	0	0
Unit 4	3.88	71.13	193	85	150
	3.88	124.33			150
Khaparkheda					
Unit 1	3.92	90.44	175	150	170
Unit 2	3.79	93.71	177	125	170
Unit 3	3.53	97.10	170	112	180
Unit 4	3.38	90.91	165	103	180
Unit 5	2.81	6.53	211	0	
	17.44	378.70			700
Nasik					
Unit 1		0.00	0	0	0
Unit 2		0.00	0	0	0
Unit 3	3.63	9.92	170	115	140
Unit 4	2.44	74.59	120	81	120
Unit 5	0.00	72.62	0	0	0
	6.07	157.14			260
Uran					
All Units	15.07	303.56	636	612	600
	15.07	303.56			600
Dabhol					
RGPPL	31.35	928.15	1330	1216	1270
	31.35	928.15			1270
Koyna					
Stage 1-2	1.40	79.38	165	35	600
Stage 4	0.17	129.95	167	0	250
Stage 3	0.95	58.49	316	0	320
	2.51	267.82			1170
Kovna 12&4 Total	1.56	209.33			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.53	22.20	38	0	36
VTRNA	0.00	2.21	0	0	60
TILLARI	0.60	17.98	60	0	60
BHTGR/VEER	0.18	4.52	8	7	8
BHIRA T.R.	0.45	11.66	82	0	80
RNGR+BHTSA	0.05	1.31	2	2	2
BHANDARDRA	0.12	11.99	29	0	10
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	1.18	31.99	57	46	16
GHATGHAR	0.98	8.71	240	0	0
	4.09	112.58			272
PENCH (MS)					
Pench (MS)	0.00	6.75	0	0	
	0.00	6.75			
Wind					
MalharPeth	0.84	26.59			
Vankuswadi	1.39	42.74			
ATIT	0.15	9.15			
Kale	0.44	13.39			
Satara	2.35	54.93			
Shirala	0.40	14.97			
K Mahankal	0.03	19.31			
Supa	0.18	6.32			
Vita	1.67	61.99			
Dondaicha	4.92	121.65			
Sakri	0.66	21.10			
Nandurbar	0.53	12.50			
Khandke	0.90	26.33			
Khaparale	0.80	20.20			
	15.24	451.17			
CPP					
JSW JAIGAD	13.74	318.79	621	488	740
WARDHA	5.28	151.65	227	209	220
Other CPPs	2.73	71.34			
	21.76	541.77			960
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.76	285.52	490	490	500
Trombay 6	8.27	163.07	500	155	500
Trombay 7A	0.00	52.48	0	0	0
Trombay 7B	0.00	28.99	0	0	0
Trombay 8	3.58	24.79	215	70	150
TATA Hydro	3.95	130.27	387	0	447
	27.56	685.12			1597
REL					
1&2	12.60	296.22	527	523	500
	12.60	296.22			500
Cent Sect					
Share					3855
					3855

MS PG CL	Thermal	76.95	1814.42			3145
	Thml+Gas	92.02	2117.98			3745
	Hydro	6.60	380.40			1442
	Total	98.62	2498.38			5187
State Total		207.13	5407.56			13369

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 25/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	3140	153	631	3924	1314	339	913	3699	4134	-427	-486	10138	1454	10187	1829	13421	49.99
2	3147	143	633	3923	1319	250	909	3628	3905	-313	-296	10010	1380	10059	1650	13040	50.06
3	3156	128	633	3917	1330	376	922	3633	3789	-313	-307	10027	1056	10076	1565	12648	50.00
4	3148	143	631	3922	1324	433	934	3633	3507	-313	-268	9852	1010	9901	1523	12385	49.90
5	3169	133	636	3938	1325	521	949	3633	3576	-313	-278	10031	1026	10080	1535	12592	50.04
6	3126	138	631	3895	1320	612	947	3927	3912	-313	-355	10331	1119	10380	1630	13080	49.90
7	3126	133	633	3892	1322	592	955	3911	4140	-333	-421	10480	1123	10532	1750	13353	50.05
8	3123	175	635	3933	1314	564	904	3975	4427	-373	-481	10661	1123	10713	1899	13683	49.97
9	3110	244	632	3986	1309	570	899	4029	4398	-422	-514	10648	1123	10700	2172	13943	50.00
10	3096	289	632	4017	1298	702	958	4115	4293	-517	-656	10612	1124	10667	2466	14202	49.92
11	3101	268	622	3991	1299	842	949	4312	4049	-768	-689	10441	1143	10495	2681	14265	50.01
12	3114	214	612	3940	1297	767	956	4415	4110	-887	-749	10321	1120	10373	2679	14120	49.91
13	3157	197	629	3983	1292	616	945	4379	4056	-731	-755	10137	1117	10189	2641	13895	49.87
14	3293	198	626	4117	1303	561	938	4379	4038	-739	-713	10244	1119	10298	2565	13928	50.01
15	3270	166	612	4048	1310	622	940	4380	4275	-739	-772	10423	1125	10475	2589	14137	49.93
16	3329	127	623	4079	1313	730	929	4332	4249	-739	-847	10453	1149	10505	2618	14220	50.01
17	3386	98	621	4105	1312	767	851	4324	3934	-714	-754	10215	1199	10265	2614	14028	50.03
18	3302	98	620	4020	1216	764	843	4216	4156	-675	-685	10314	1398	10364	2567	14279	49.98
19	3419	390	632	4441	1274	744	853	3919	3880	-564	-489	10703	1980	10752	2539	15222	49.72
20	3355	1096	627	5078	1302	729	824	3910	3817	-553	-452	11298	2168	11345	2571	16037	49.65
21	3379	938	631	4948	1304	819	836	3949	3756	-602	-456	11207	2177	11254	2521	15905	49.66
22	3302	678	635	4615	1313	849	841	3949	3771	-602	-517	10872	2177	10919	2383	15432	49.75
23	3173	310	629	4112	1316	732	877	3898	3708	-602	-584	10161	2177	10208	2171	14509	49.80
24	3025	145	627	3797	1320	741	887	3739	3762	-510	-489	10018	1897	10065	2012	13927	49.93
MUs	76.95	6.60	15.07	98.62	31.35	15.24	21.76	96.28	95.64	-13.06	-13.01	249.60	33.48	250.80	53.17	336.25	49.92

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 25/Aug/2011

Position as on 6.30 Hrs of 26/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.	30/08/2011
Chandrapur Unit 7	500	29/06/2011	21:40		Continued.	COH	26/08/2011
Chandrapur Unit 4	210	16/08/2011	00.04		Continued.	Annual Overhaul.	10/09/2011
Paras Unit 3	250	19/08/2011	16.33		Continued.	Annual Overhaul.	20/09/2011
Tata Trombay 7B	60	20/08/2011	00.45		Continued.	Gas Path Inspection	26/08/2011
Tata Trombay 7A	120	20/08/2011	01.45		Continued.	Gas Path Inspection	26/08/2011
Bhusawal Unit 2	210	22/08/2011	15.27		Continued.	AOH.	
Dabhol 2B	230	22/08/2011	23.54		Continued.	Combustion Inspection.	07/09/2011
FORCED OUTAGE							
Parli Unit 3	210	02/08/2011	12.43		Continued.	Hydrogen leakage.	26/08/2011
CPP WPCL U-1	135	19/08/2011	00.48		Continued.	Maintenance work.	26/08/2011
CPP JSW (J) U1	300	19/08/2011	21.43		Continued.	Condensor Tube Leakage	
Parli Unit 6	250	20/08/2011	03.30	25/08/2011	18.12	Wet Coal Problem	
Cent_Sect NTPC (V-1)	210	21/08/2011	14.17		Continued.	Bunkering Problem.	
Nasik Unit 5	210	22/08/2011	12.00		Continued.	Boiler Tube Leakage.	
CPP WPCL U-2	135	24/08/2011	00.52		Continued.	Heavy passing LPP drain.	
Parli Unit 7	250	24/08/2011	01.45		Continued.	Furnace pressure high.	
Cent_Sect Kawas GT2A	106	25/08/2011	16.13		Continued.	Electrical fault.	26/08/2011
Khaparkheda Unit 5	500	25/08/2011	22.06		Continued.	Low Drum Level	
Nasik Unit 4	210	26/08/2011	00.45	26/08/2011	04.00	Furnance Pressure Inadequate	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Aug/2011

Position as on 6.30 Hrs of 26/Aug/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Wardha - Akola - I	19/08/2011	23.33		Continued.	Over Voltage
Kolhapur - Mapusa - II	24/08/2011	22.34	25/08/2011	11.10	Over Voltage.
Karad - Solapur (PGCIL)	25/08/2011	21.39		Continued.	Over Voltage
Kolhapur - Mapusa - I	25/08/2011	21.55		Continued.	Over Voltage.
Dhule-Khandwa-II	25/08/2011	23.34		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Khandwa-II	23/08/2011	22.25	25/08/2011	12.28	Dist.Protection operated,Z-I,B-Ph.
Voltage Level : 220KV			Outage Type TRIPPED		
Halkarni-Amona I	24/08/2011	12.39	25/08/2011	13.07	Dist.Protection.
IntraState					
Voltage Level : 500KV			Outage Type PLANNED OUTAGE		
HVDC Pole-I	21/08/2011	11.19		Continued.	Annual Maintenance Work.
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Parli - Solapur	24/08/2011	09.01	25/08/2011	09.16	Crossing work of New 400KV Parly PG line Ready for charging at Solapur.
Main Bus- II @ Jejuri	25/08/2011	16.00	25/08/2011	23.33	R and B phase CVT replacement.
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 25.08.2011.
220/132 KV 100 MVA ICT-I @ Chikhli.	30/07/2011	11.45		Continued.	Replacement by 200 MVA ICT.Up to 24.08.2011.
220/132 KV 250 MVA ICT at Ambazari	05/08/2011	10.41		Continued.	ICT is to be replaced by 200 MVA ICT Upto 24.8.11.
Bhusawal-Chalisgaon-I	22/08/2011	10.02		Continued.	Replacement of Bus Isolator,Ckt on TBC.
Jejuri I-Jejuri II	25/08/2011	08.19	25/08/2011	21.13	Isolator retrofitting upgradation.
Khadka-Badli Ckt.II	25/08/2011	09.14	25/08/2011	11.29	Measurement of Tan Delta of CT
Karad - Miraj	25/08/2011	09.32	25/08/2011	13.46	Wave trap replacement.
Uran - Khargar - I	25/08/2011	09.48	25/08/2011	13.23	Removal of jumper of line.
Khaparkheda - Kanhan - II	25/08/2011	09.49		Continued.	Tower Height Raising work
Kanhan - Bhandara - II	25/08/2011	09.54		Continued.	Tower Height Raising work
220/132 KV,200MVA ICT-I at Nasik GCR	25/08/2011	10.14	25/08/2011	12.50	Maintenance work.
Badnera--Rly.TSS - I	25/08/2011	10.38	25/08/2011	16.07	Q.M.Work
Apta-Bombay Dyeing	25/08/2011	11.07	25/08/2011	13.14	Hot spot attending.
220 KV Main Bus @ Yavatmal	25/08/2011	11.38	25/08/2011	18.00	Bus PT Replacement
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Chalisgaon - Manmad - I	24/08/2011	11.30	25/08/2011	20.57	Line Isolator replacement
Karanja-Mangrulpir	25/08/2011	12.29	25/08/2011	15.08	Replacement of CB driving mechanism
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.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Aug/2011

Position as on 6.30 Hrs of 26/Aug/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Bhusawal- Aurangabad	24/08/2011	20.16		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	25/08/2011	23.42		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Padgha-Temghar I	20/08/2011	15.18		Continued.	To Control Padgha ICT Load
Nasik-Bablsr - II	21/08/2011	19.15	25/08/2011	12.12	To Control Babaleshwar ICT Loading.
Padgha-Temghar I	25/08/2011	11.50		Continued.	For Padgha ICT loading.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV 105 MVA Spare ICT at Parly II	22/08/2011	13.50		Continued.	To Remove Trip Coil Assembaly for Bus Coupler.
Karad - Kolhapur - I	23/08/2011	04.45		Continued.	Due to R Ph. Pole Breaker Burst,While Opening the Karad-New Koyna-II at Karad.ready for charging 05.51 hrs.
Bableswhar-Aurangabad	26/08/2011	03.40		Continued.	Tripped on Over Voltage.
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).

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 26/Aug/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	160
Unit 6	210	160
Unit 7	210	160
	620	480
Bhusawal		
Unit 2	210	0
Unit 3	210	140
Unit 4	0	
	420	140
Parli		
Unit 3	210	0
Unit 4	210	90
Unit 5	210	115
Unit 6	250	116
Unit 7	250	0
	1130	321
Chandrapur		
Unit 1	210	120
Unit 2	210	130
Unit 3	210	140
Unit 4	210	0
Unit 5	500	420
Unit 6	500	400
Unit 7	500	0
	2340	1210
Paras		
Unit 3	250	0
Unit 4	250	160
	500	160
Khaparkheda		
Unit 1	210	163
Unit 2	210	160
Unit 3	210	161
Unit 4	210	162
Unit 5	500	
	1340	646
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	140
Unit 4	210	100
Unit 5	210	0
	870	240
Uran		
All Units	852	600
	852	600
Dabhol		
RGPP	1940	1270
	1940	1270
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	8
BHIRA T.R.	80	80
RNGR+BHTSA	20	2
BHANDARDRA	45	29
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	225
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	550
WARDHA	405	260
Other CPPs	0	
	1005	810
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	0
Trombay 8	250	250
TATA Hydro	444	375
	2024	1735
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3528
	3455	3528