



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

State Load Dispatch Center, Airoli

Daily system Report

for

25/Sep/2011

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	78.088	1520.581	1) Madhya Pradesh	30.505	1217.740
2) Hydro	29.895	591.424	2) Gujrat	56.195	1128.875
3) Gas	15.342	358.113	3) Goa	-5.905	-140.037
Total MSGENCO	123.325	2470.118	4) TAPS 1&2 (Inj.)	7.775	181.831
B) OTHERS			5) Pench (Excess)	-1.075	-20.608
1) RGPPL Gas	38.989	734.422	# Total Cent. Sector	87.495	2367.801
2) Wind Generation	6.100	313.381	F) Other Exchanges		
3) CPP	25.795	662.148	1) With TPCL (Excess)	-7.428	-274.203
4) PENCH (MS)	1.075	20.783	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	40.883	621.533
1) TPCL Thermal	25.078	604.257	Include PX	13.567	186.088
2) TPCL Hydro	0.206	118.603	2) MUMBAI Bilateral	8.103	302.369
TOTAL TPCL	25.284	722.860	Include PX	-0.261	11.423
3) REL Thermal	12.559	307.258	3) MUMBAI Schedule	8.103	302.369
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	115.725	2432.096	1) MSEDCL	275.351	6294.450
2) Hydro (A2+B3+C2)	31.176	730.810	2) TPCL	29.666	869.798
3) Gas (A3+B1)	54.331	1092.535	3) REL	15.604	434.477
4) Wind (B2)	6.100	313.381	TOTAL STATE	320.621	7598.725
5) CPP (B3)	25.795	662.148			
TOTAL STATE	233.127	5230.970			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	3258	3458	3030
MSGENCO Hydro	1773	1868	759
MSGENCO Gas	631	638	648
MSGENCO Total Generation	5662	5964	4437
Central Sector Receipt	3861	3339	3228
RGPPL	1616	1619	1637
WIND	132	390	253
CPP	1188	926	1198
Exchange with Mumbai	-427	-475	-193
MSEDCL DEMAND MET	12077	11809	10604
Load Shedding (LS)	983	576	48
MSEDCL DEMAND (INCL. LS)	13060	12385	10652
TPCL GENERATION	1094	1174	917
REL GENERATION	523	523	525
TPCL+REL DEMAND	2044	2172	1635
STATE DEMAND MET	14121	13981	12239
Load Management (LM)	1551	2771	1356
Total Load Relief (LS+LM)	2534	3347	1404
UNRESTRICTED STATE DEMAND	16655	17328	13643
Frequency (Hz)	49.76	49.61	49.64

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.03 Hrs	49.04 Hz at 21.04 Hrs	49.69	.34 % 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/Sep/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	0.00	6.61	0	0	0
Unit 6	2.83	66.62	150	0	150
Unit 7	3.37	74.07	170	105	170
	6.20	147.31			320
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	4.00	52.28	175	155	160
Unit 4	0.00	0.00	0	0	
	4.00	52.28			160
Parli					
Unit 3	2.06	53.41	143	0	0
Unit 4	0.00	0.00	0	0	0
Unit 5	2.86	72.21	152	95	120
Unit 6	3.66	60.28	184	100	120
Unit 7	0.00	56.59	0	0	0
	8.58	242.48			240
Chandrapur					
Unit 1	0.06	49.04	32	0	0
Unit 2	3.33	58.19	142	136	119
Unit 3	4.24	49.55	180	164	156
Unit 4	0.00	0.00	0	0	0
Unit 5	7.26	153.90	320	250	276
Unit 6	7.11	142.00	330	263	230
Unit 7	7.12	118.53	335	247	276
	29.12	571.21			1057
Paras					
Unit 3	0.00	0.00	0	0	0
Unit 4	4.82	73.99	240	159	200
	4.82	73.99			200
Khaparkheda					
Unit 1	3.92	81.04	180	155	150
Unit 2	3.91	62.32	175	155	150
Unit 3	3.90	74.60	177	150	160
Unit 4	3.91	88.78	171	146	160
Unit 5	1.49	4.53	123	0	
	17.13	311.27			620
Nasik					
Unit 1		0.00	0	0	
Unit 2		0.00	0	0	
Unit 3	3.68	75.47	180	125	152
Unit 4	1.23	16.23	109	0	100
Unit 5	3.31	30.35	165	95	132
	8.23	122.05			384
Uran					
All Units	15.34	358.11	656	631	630
	15.34	358.11			630
Dabhol					
RGPPL	38.99	734.42	1639	1611	1600
	38.99	734.42			1600
Koyna					
Stage 1-2	7.66	128.22	570	95	600
Stage 4	15.60	242.68	961	280	250
Stage 3	5.02	91.04	320	0	320
	28.29	461.94			1170
Kovna 12&4 Total	23.26	370.90			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	7.79	0	0	0
VTRNA	0.00	14.92	0	0	0
TILLARI	0.37	16.98	60	0	60
BHTGR/VEER	0.21	8.43	9	8	8
BHIRA T.R.	0.22	10.05	78	0	80
RNGR+BHTSA	0.40	10.75	17	16	17
BHANDARDRA	0.00	13.61	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.41	27.33	25	13	25
GHATGHAR	0.00	19.62	0	0	0
	1.61	129.48			190
PENCH (MS)					
Pench (MS)	1.08	20.78	48	43	
	1.08	20.78			
Wind					
MalharPeth	0.29	16.62			
Vankuswadi	0.43	29.82			
ATIT	0.06	4.99			
Kale	0.19	10.64			
Satara	0.88	45.40			
Shirala	0.16	10.94			
K Mahankal	0.02	20.41			
Supa	0.02	4.67			
Vita	0.47	55.69			
Dondaicha	2.56	64.84			
Sakri	0.39	11.48			
Nandurbar	0.30	6.23			
Khandke	0.11	21.24			
Khaparale	0.23	10.42			
	6.10	313.38			
CPP					
JSW JAIGAD	16.26	443.20	803	524	825
WARDHA	6.24	151.13	268	256	260
Other CPPs	3.29	67.82			
	25.80	662.15			1085
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.34	267.01	490	390	490
Trombay 6	4.70	133.80	250	155	500
Trombay 7A	2.83	71.79	123	94	120
Trombay 7B	1.57	39.84	67	58	60
Trombay 8	4.64	91.82	240	150	230
TATA Hydro	0.21	118.60	54	0	447
	25.28	722.86			1847
REL					
1&2	12.56	307.26	525	521	500
	12.56	307.26			500
Cent Sect					
Share					3406
					3406

MS PG CL	Thermal	78.09	1520.58		2981
	Thml+Gas	93.43	1878.69		3611
	Hydro	29.90	591.42		1360
	Total	123.32	2470.12		4971
State Total		233.13	5230.97		13409

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 25/Sep/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	3043	819	645	4507	1631	270	1164	3237	3318	-361	-299	10635	1568	10682	1865	14068	49.67
2	2984	784	646	4414	1632	248	1188	3175	3293	-300	-220	10599	1466	10647	1721	13786	49.67
3	3030	759	648	4437	1637	253	1198	3162	3228	-286	-193	10604	1404	10652	1635	13643	49.64
4	3037	594	650	4281	1638	244	1197	3133	3409	-244	-169	10644	1453	10692	1582	13679	49.67
5	3062	493	649	4204	1636	251	1200	3126	3462	-228	-72	10725	1497	10773	1557	13779	49.64
6	3125	1135	656	4916	1638	217	1155	3129	3577	-228	-127	11420	1584	11472	1619	14623	49.68
7	3182	1337	642	5161	1639	201	1137	3158	3705	-239	-138	11750	1654	11844	1635	15039	49.64
8	3299	1548	648	5495	1637	149	1159	3163	3724	-244	-166	12044	1777	12238	1664	15485	49.69
9	3359	1654	637	5650	1629	167	1195	3203	3769	-292	-256	12199	2259	12858	1767	16225	49.68
10	3263	1593	636	5492	1623	143	1151	3271	3537	-350	-325	11666	2412	12498	1917	15995	49.74
11	3261	1721	631	5613	1619	126	1183	3302	3792	-384	-442	11936	2492	12886	2029	16457	49.75
12	3258	1773	631	5662	1616	132	1188	3317	3861	-399	-427	12077	2534	13060	2044	16655	49.76
13	3245	1529	635	5409	1615	166	1192	3309	3865	-399	-408	11883	2615	12949	2056	16554	49.79
14	3094	1281	634	5009	1611	180	1188	3287	4153	-379	-336	11849	2597	12897	1984	16430	49.76
15	3176	1199	635	5010	1614	197	932	3258	4228	-350	-290	11736	2554	12733	1941	16231	49.82
16	3253	1270	632	5155	1611	211	922	3258	4249	-350	-299	11894	2333	12732	1919	16146	49.72
17	3390	1482	634	5506	1612	304	929	3232	4012	-323	-305	12103	2151	12770	1904	16158	49.72
18	3406	950	635	4991	1612	409	926	3258	3580	-350	-271	11292	2537	12104	1881	15710	49.66
19	3497	981	631	5109	1616	478	927	3219	3415	-350	-375	11218	3328	12005	2032	16578	49.71
20	3458	1868	638	5964	1619	390	926	3278	3339	-409	-475	11809	3347	12385	2172	17328	49.61
21	3519	1555	632	5706	1620	360	931	3278	3552	-409	-472	11742	3162	12145	2160	17064	49.61
22	3483	1452	635	5570	1623	365	932	3278	3467	-409	-452	11550	2940	11738	2123	16613	49.59
23	3416	1195	639	5250	1629	312	934	3275	3545	-409	-473	11242	2876	11373	2067	16185	49.62
24	3248	923	643	4814	1632	330	941	3267	3416	-409	-438	10738	2506	10839	1997	15241	49.65
MUs	78.09	29.90	15.34	123.32	38.99	6.10	25.80	77.57	87.50	-8.10	-7.43	275.36	55.05	286.97	45.27	375.67	49.69

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/Sep/2011

Position as on 6.30 Hrs of 26/Sep/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Chandrapur Unit 4	210	16/08/2011	00.04		Continued.	Annual Overhaul.	30/09/2011
Paras Unit 3	250	19/08/2011	16.33	26/09/2011	02.29	Annual Overhaul.	
Bhusawal Unit 2	210	22/08/2011	15.27		Continued.	AOH.	30/09/2011
Parli Unit 4	210	31/08/2011	01.07		Continued.	Annual Overhaul.	27/09/2011
Koradi Unit 5	200	03/09/2011	16.46		Continued.	I.D Fan problem. Mini Overhaul	26/09/2011
Dabhol 1B	230	05/09/2011	23.57		Continued.	Generator Inspection	15/10/2011
Nasik Unit 4	210	07/09/2011	20.03	25/09/2011	04.05	Wet coal problem.Mini Overhaul	
Cent_Sect NTPC(V-5)	210	14/09/2011	00.41		Continued.	Annual Overhaul.	10/10/2011
FORCED OUTAGE							
Cent_Sect NTPC(K-4)	500	08/09/2011	14.26		Continued.	Ash handling problem.	
Cent_Sect NTPC(K-5)	500	08/09/2011	14.52		Continued.	Ash handling problem.	
CPP WPCL U-2	135	11/09/2011	08.12		Continued.	Withdrawn	
Cent_Sect NTPC(K-7)	500	14/09/2011	21.37		Continued.	G/T problem.	
Cent_Sect NTPC(K-1)	210	18/09/2011	11.31		Continued.	Ash Handling Problem	
Cent_Sect NTPC(K-3)	210	18/09/2011	11.31	25/09/2011	01.18	Ash Handling Problem	
Cent_Sect NTPC(K-6)	500	18/09/2011	11.31		Continued.	Ash Handling Problem	
Chandrapur Unit 1	210	22/09/2011	22.43	25/09/2011	21.39	BLR T/L.	
Parli Unit 3	210	24/09/2011	12.00	25/09/2011	05.05	ID fan problem.	
Cent_Sect NTPC (V-1)	210	24/09/2011	15.16		Continued.	Coal bunkering problem.	
Cent_Sect NTPC(V-3)	210	24/09/2011	16.45		Continued.	Coal bunkering problem.	
Parli Unit 7	250	24/09/2011	18.53		Continued.	Main steam temp.low.	
Cent_Sect NTPC(V-4)	210	24/09/2011	18.58		Continued.	Coal bunkering problem.	
Cent_Sect NTPC(V-7)	500	24/09/2011	22.21		Continued.	Poor bunkering.	
Khaparkheda Unit 5	500	25/09/2011	08.57	25/09/2011	12.56	Low Drum Level.	
Koradi Unit 6	210	25/09/2011	13.07	25/09/2011	15.51	Furance Pressure High.	
CPP JSW (J) U2	300	25/09/2011	14.52	26/09/2011	02.50	Governer Oil Leakage.	
Khaparkheda Unit 5	500	25/09/2011	22.15		Continued.	Drum Level Low.	
Paras Unit 3	250	26/09/2011	04.34		Continued.	Trip.	
Koradi Unit 6	210	26/09/2011	06.02		Continued.	While Shifting Unit-6 from Bus-II to Bus-I	
Koradi Unit 7	210	26/09/2011	06.02		Continued.	While Shifting Unit-6 from Bus-II to Bus-I	
Bhusawal Unit 3	210	26/09/2011	06.02		Continued.	Jerk Due to Koradi.	

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

Position as on 6.30 Hrs of 26/Sep/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - I	23/09/2011	22.53		Continued.	Over Voltage
Akola - Aurangabad - I	24/09/2011	13.27		Continued.	Over Voltage.
Kolhapur-Mapusa-II	24/09/2011	23.02		Continued.	Over Voltage.
Karad - Solapur (PGCIL)	24/09/2011	23.05	25/09/2011	05.28	Over Voltage.
Karad - Solapur (PGCIL)	25/09/2011	22.49		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Koradi-Bhilai	26/09/2011	06.02		Continued.	While Shifting Unit-6 from Bus-II to Bus -I
Koradi-Satpur	26/09/2011	06.02		Continued.	While Shifting Unit-6 from Bus-II to Bus -I
IntraState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(8 MonthOutage)
220/132 KV 100 MVA ICT-I @ Chikhli.	30/07/2011	11.45		Continued.	Replacement by 200 MVA ICT.Up to 30.09.2011.
220/132 KV 250 MVA ICT at Ambazari	05/08/2011	10.41		Continued.	ICT is to be replaced by 200 MVA ICT Upto 30.9.11.
Nerul -Sonkhar	25/09/2011	07.20	25/09/2011	14.59	Replacement of Jumper of R Y & B Ph.
220/33KV 125 MVA T/F 4 at Ghodbandar	25/09/2011	23.15		Continued.	Connecting 33KV Cable to Incomer Breaker.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Main Bus-I at Bhusawal-I	27/08/2011	13.08		Continued.	Bus and Line Isolator repl.work
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Borivali - Borivali- I	25/09/2011	12.32	25/09/2011	19.14	Rettofitting Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Bhusawal	06/09/2011	23.00		Continued.	Over Voltage.
Karad - Kolhapur - I	23/09/2011	17.37	25/09/2011	07.57	Over Voltage
Bhusawal- Aurangabad	24/09/2011	21.12	25/09/2011	06.49	Over Voltage.
Bhusawal- Aurangabad	25/09/2011	20.45	26/09/2011	06.09	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Bale-Murud	22/09/2011	06.38	25/09/2011	00.10	Parli ICT Loading.
Bale-Osmanbad	22/09/2011	06.38		Continued.	Parli 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 Assembly for Bus Coupler.
Koradi - Bhusawal	26/09/2011	06.02		Continued.	While Shifting Unit-6 from Bus-II to Bus -I
Koradi - Kaparkheda	26/09/2011	06.02		Continued.	While Shifting Unit-6 from Bus-II to Bus -I
Koradi - Akola	26/09/2011	06.02		Continued.	While Shifting Unit-6 from Bus-II to Bus -I
400/220 KV 300 MVA ICT-I @ Koradi	26/09/2011	06.02		Continued.	While Shifting Unit-6 from Bus-II to Bus -I
400/220 KV 315 MVA ICT - II @ Koradi.	26/09/2011	06.02		Continued.	While Shifting Unit-6 from Bus-II to Bus -I
Main Bus - II @ Koradi	26/09/2011	06.02		Continued.	While Shifting Unit-6 from Bus-II to Bus -I

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

Position as on 6.30 Hrs of 26/Sep/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Main Bus- I @ Koradi	26/09/2011	06.02		Continued.	While Shifting Unit-6 from Bus-II to Bus -I

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 26/Sep/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	150
Unit 7	210	150
	620	300
Bhusawal		
Unit 2	210	0
Unit 3	210	175
Unit 4	0	
	420	175
Parli		
Unit 3	210	130
Unit 4	210	0
Unit 5	210	130
Unit 6	250	150
Unit 7	250	0
	1130	410
Chandrapur		
Unit 1	210	90
Unit 2	210	130
Unit 3	210	170
Unit 4	210	0
Unit 5	500	315
Unit 6	500	315
Unit 7	500	315
	2340	1335
Paras		
Unit 3	250	0
Unit 4	250	210
	500	210
Khaparkheda		
Unit 1	210	150
Unit 2	210	150
Unit 3	210	160
Unit 4	210	160
Unit 5	500	
	1340	620
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	170
Unit 4	210	140
Unit 5	210	150
	870	460
Uran		
All Units	852	630
	852	630
Dabhol		
RGPP	1940	1590
	1940	1590
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	0

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	17
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	11
GHATGHAR	250	
	611	176
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	810
WARDHA	405	260
Other CPPs	0	
	1005	1070
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1867
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3222
	3455	3222