



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

State Load Dispatch Center, Airoli

Daily system Report

for

07/Sep/2011

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	54.424	348.048	1) Madhya Pradesh	51.594	362.301
2) Hydro	28.154	179.299	2) Gujrat	41.786	256.830
3) Gas	14.028	99.286	3) Goa	-5.565	-36.042
Total MSGENCO	96.606	626.633	4) TAPS 1&2 (Inj.)	6.479	41.460
B) OTHERS			5) Pench (Excess)	-1.077	-2.399
1) RGPPL Gas	16.237	158.768	# Total Cent. Sector	93.217	622.150
2) Wind Generation	27.604	138.507	F) Other Exchanges		
3) CPP	24.339	167.765	1) With TPCL (Excess)	-15.026	-83.318
4) PENCH (MS)	1.077	2.399	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	14.167	83.790
1) TPCL Thermal	20.577	147.019	Include PX	0.000	6.734
2) TPCL Hydro	6.962	42.059	2) MUMBAI Bilateral	13.881	81.230
TOTAL TPCL	27.539	189.078	Include PX	1.378	1.068
3) REL Thermal	12.080	83.914	3) MUMBAI Schedule	13.881	81.230
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	87.081	578.981	1) MSEDCL	244.054	1632.904
2) Hydro (A2+B3+C2)	36.193	223.757	2) TPCL	36.804	238.116
3) Gas (A3+B1)	30.265	258.054	3) REL	17.838	118.189
4) Wind (B2)	27.604	138.507	TOTAL STATE	298.696	1989.209
5) CPP (B3)	24.339	167.765			
TOTAL STATE	205.482	1367.064			

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	2281	2071	2332
MSGENCO Hydro	1234	2591	483
MSGENCO Gas	578	578	594
MSGENCO Total Generation	4093	5240	3409
Central Sector Receipt	4506	4190	3442
RGPPL	668	672	676
WIND	1175	1022	1208
CPP	992	1141	990
Exchange with Mumbai	-958	-756	-266
MSEDCL DEMAND MET	10496	11562	9506
Load Shedding (LS)	52	51	48
MSEDCL DEMAND (INCL. LS)	10548	11613	9554
TPCL GENERATION	1258	1408	854
REL GENERATION	523	523	387
TPCL+REL DEMAND	2739	2687	1507
STATE DEMAND MET	13235	14249	11013
Load Management (LM)	928	1857	826
Total Load Relief (LS+LM)	980	1908	874
UNRESTRICTED STATE DEMAND	14215	16157	11887
Frequency (Hz)	49.96	49.69	50.11

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.41 Hz at 13.02 Hrs	49.31 Hz at 19.15 Hrs	50.01	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 07/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	2.23	12.94	126	48	140
Unit 7	2.68	18.25	135	85	150
	4.90	37.80			290
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	0.62	8.28	75	0	30
Unit 4		0.00	0	0	
	0.62	8.28			30
Parli					
Unit 3	2.66	4.11	155	83	142
Unit 4	0.00	0.00	0	0	0
Unit 5	2.82	21.18	129	106	130
Unit 6	3.12	22.74	160	91	155
Unit 7	1.85	10.76	114	58	65
	10.46	58.79			492
Chandrapur					
Unit 1	0.41	11.61	60	0	50
Unit 2	1.91	7.26	113	50	60
Unit 3	0.00	4.84	0	0	0
Unit 4	0.00	0.00	0	0	0
Unit 5	8.49	43.80	460	215	350
Unit 6	8.02	42.72	370	273	300
Unit 7	0.00	14.62	0	0	0
	18.83	124.84			760
Paras					
Unit 3	0.00	0.00	0	0	0
Unit 4	2.09	14.58	112	56	100
	2.09	14.58			100
Khaparkheda					
Unit 1	3.76	17.64	165	150	160
Unit 2	4.11	21.03	188	165	177
Unit 3	0.00	12.09	0	0	0
Unit 4	4.20	22.27	191	165	169
Unit 5		0.00	0	0	
	12.07	73.03			506
Nasik					
Unit 1		0.00	0	0	
Unit 2		0.00	0	0	
Unit 3	3.10	15.72	160	80	102
Unit 4	2.35	15.00	156	0	102
Unit 5	0.00	0.00	0	0	0
	5.45	30.72			204
Uran					
All Units	14.03	99.29	595	577	590
	14.03	99.29			590
Dabhol					
RGPPL	16.24	158.77	688	667	630
	16.24	158.77			630
Koyna					
Stage 1-2	6.06	29.54	530	40	600
Stage 4	10.48	68.08	1116	0	250
Stage 3	4.08	28.33	320	0	320
	20.62	125.94			1170
Kovna 12&4 Total	16.54	97.62			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.85	6.17	37	18	36
VTRNA	1.01	6.50	61	0	60
TILLARI	0.93	6.87	60	0	60
BHTGR/VEER	0.61	3.46	26	25	15
BHIRA T.R.	0.50	3.42	82	0	80
RNGR+BHTSA	0.48	3.30	20	19	18
BHANDARDRA	0.75	5.07	32	31	30
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	1.44	10.52	68	56	0
GHATGHAR	0.97	8.05	250	0	0
	7.53	53.36			299
PENCH (MS)					
Pench (MS)	1.08	2.40	53	20	
	1.08	2.40			
Wind					
MalharPeth	1.37	7.28			
Vankuswadi	2.27	14.10			
ATIT	0.35	2.22			
Kale	0.75	5.25			
Satara	0.76	18.67			
Shirala	0.80	5.86			
K Mahankal	4.08	13.83			
Supa	0.34	2.21			
Vita	3.43	29.23			
Dondaicha	8.20	19.72			
Sakri	1.46	3.79			
Nandurbar	0.74	1.64			
Khandke	1.69	10.20			
Khaparale	1.36	4.51			
	27.60	138.51			
CPP					
JSW JAIGAD	16.56	113.74	840	655	800
WARDHA	6.03	40.28	263	216	260
Other CPPs	1.75	13.75			
	24.34	167.76			1060
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	7.92	70.24	370	275	490
Trombay 6	4.16	32.63	275	155	500
Trombay 7A	2.58	20.19	125	70	120
Trombay 7B	1.50	11.22	68	53	60
Trombay 8	4.42	12.74	218	150	200
TATA Hydro	6.96	42.06	375	75	447
	27.54	189.08			1817
REL					
1&2	12.08	83.91	525	381	500
	12.08	83.91			500
Cent Sect					
Share					3699
					3699

MS PG CL	Thermal	54.42	348.05			2382
	Thml+Gas	68.45	447.33			2972
	Hydro	28.15	179.30			1469
	Total	96.61	626.63			4441
State Total		205.48	1367.06			12147

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/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	2425	458	592	3475	674	1177	1005	3502	3255	-440	-280	9351	1280	9399	1873	12504	50.01
2	2309	507	592	3408	675	1307	1000	3455	3463	-377	-252	9648	1207	9696	1644	12499	50.06
3	2290	518	593	3401	675	1306	995	3458	3340	-367	-269	9495	923	9543	1545	11963	50.02
4	2332	483	594	3409	676	1208	990	3461	3442	-367	-266	9506	874	9554	1507	11887	50.11
5	2442	288	595	3325	677	1005	998	3462	3776	-367	-282	9548	875	9596	1519	11942	50.11
6	2480	845	593	3918	676	982	995	3464	3740	-380	-282	10082	931	10130	1599	12612	50.05
7	2495	1601	594	4690	681	1061	984	3510	3382	-400	-354	10496	930	10546	1869	13295	50.13
8	2484	1469	591	4544	683	1044	987	3509	3701	-420	-515	10492	930	10542	2039	13461	50.11
9	2412	1372	586	4370	680	1110	996	3530	3808	-440	-599	10412	930	10462	2221	13563	50.04
10	2347	1494	579	4420	675	1166	995	3705	3827	-605	-787	10336	944	10389	2514	13794	49.94
11	2281	1234	578	4093	668	1175	992	3850	4506	-757	-958	10496	980	10548	2739	14215	49.96
12	2290	1037	580	3907	671	1352	984	3891	4140	-796	-1024	10050	977	10101	2830	13857	49.99
13	2255	556	581	3392	688	1352	986	3794	4236	-786	-929	9772	975	9823	2801	13548	50.20
14	2232	415	579	3226	683	1366	998	3664	4115	-785	-874	9561	977	9614	2662	13200	50.14
15	2316	717	584	3617	683	1276	991	3669	4061	-785	-916	9759	975	9810	2705	13439	50.02
16	2296	727	577	3600	676	1206	951	3661	3952	-779	-891	9542	1008	9593	2686	13236	49.96
17	2256	921	584	3761	667	1289	942	3642	4380	-762	-857	10230	1053	10280	2669	13952	50.06
18	2238	934	577	3749	674	1140	955	3579	4354	-680	-849	10069	1230	10121	2653	13952	50.08
19	2167	2018	578	4763	681	1087	1098	3610	3951	-552	-766	10864	1733	10917	2615	15212	49.79
20	2071	2591	578	5240	672	1022	1141	3698	4190	-584	-756	11562	1908	11613	2687	16157	49.69
21	1978	2569	584	5131	674	988	1152	3735	4038	-634	-673	11355	1915	11406	2542	15812	49.79
22	2012	2375	583	4970	681	1039	1160	3737	3626	-634	-577	10943	1915	10994	2377	15235	49.95
23	1990	1778	577	4345	672	972	1035	3712	4011	-614	-568	10511	1911	10558	2246	14668	49.94
24	2023	1247	579	3849	675	974	1009	3657	3923	-568	-502	9971	1664	10018	2103	13738	50.06
MUs	54.42	28.15	14.03	96.60	16.24	27.60	24.34	86.96	93.22	-13.88	-15.03	244.05	29.04	245.25	54.64	327.74	50.01

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/Sep/2011

Position as on 6.30 Hrs of 08/Sep/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	07/09/2011	11.53	Rotor replacement.	
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
Bhusawal Unit 2	210	22/08/2011	15.27		Continued.	AOH.	22/09/2011
Parli Unit 4	210	31/08/2011	01.07		Continued.	Annual Overhaul.	27/09/2011
Cent_Sect NTPC(V-6)	210	03/09/2011	00:06		Continued.	AOH.	28/09/2011
Dabhol 1X	290	05/09/2011	23.56		Continued.	Generator Inspection	15/10/2011
Dabhol 1B	230	05/09/2011	23.57		Continued.	Generator Inspection	15/10/2011
FORCED OUTAGE							
CPP WPCL U-1	135	19/08/2011	00.48		Continued.	Maintenance work.	09/09/2011
Khaparkheda Unit 5	500	27/08/2011	22.51		Continued.	High Drum Level	
Nasik Unit 5	210	28/08/2011	22.45		Continued.	Furnace Pressure High.	09/09/2011
Chandrapur Unit 7	500	03/09/2011	12.19		Continued.	Wet Coal problem.	
Bhusawal Unit 3	210	03/09/2011	12.39	07/09/2011	04.14	Drum level high.	
Koradi Unit 5	200	03/09/2011	16.46		Continued.	I.D Fan problem.	09/09/2011
Chandrapur Unit 3	210	04/09/2011	20.26		Continued.	Wet Coal Problem	
Khaparkheda Unit 3	210	05/09/2011	00.01		Continued.	Furnace Pressure Low	
Dabhol 2A	230	05/09/2011	23.01		Continued.	Differential Pressure across STG(2X)Main Steam Control Valve increased	08/09/2011
Dabhol 2B	230	05/09/2011	23.08		Continued.	Differential Pressure across STG(2X)Main Steam Control Valve increased	08/09/2011
Dabhol 2X	290	05/09/2011	23.08		Continued.	Differential Pressure across STG(2X)Main Steam Control Valve increased	08/09/2011
Chandrapur Unit 1	210	07/09/2011	07.16		Continued.	Furnace pressure high.	
Bhusawal Unit 3	210	07/09/2011	12.10	07/09/2011	18.03	Low Vaccum.	
Nasik Unit 4	210	07/09/2011	20.03		Continued.	Wet coal problem.	
Dabhol 1A	230	07/09/2011	21.49		Continued.	Excitation problem.	
Parli Unit 7	250	08/09/2011	04.19		Continued.	M.S.Temp.Low.	

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

Position as on 6.30 Hrs of 08/Sep/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad - II	26/08/2011	21.28		Continued.	Over Voltage
Akola - Wardha - II	27/08/2011	03.20		Continued.	Over Voltage
Solapur - Solapur (PG)	03/09/2011	10.37		Continued.	Over voltage.
Dhule-Khandwa-II	03/09/2011	16.27	07/09/2011	19.38	Over Voltage
Kolhapur - Mapusa - I	05/09/2011	23.19	07/09/2011	09.24	Over Voltage
Dhule-Sar'Sarovar - II	07/09/2011	00.49	07/09/2011	10.15	Over Voltage.
Kolhapur - Mapusa - II	07/09/2011	22.56		Continued.	Over voltage.
Dhule-Khandwa-I	07/09/2011	23.53		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Akola - Wardha - I	28/08/2011	04.20		Continued.	Over Voltage
Karad - Solapur (PGCIL)	03/09/2011	09.06		Continued.	Over voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 315 MVA ICT-I @ Nagothane	07/09/2011	10.43	07/09/2011	14.48	Bay maint.testing work.
Main Bus - I @ Lamboti.	07/09/2011	12.06	07/09/2011	15.19	Q.M.Work
400/220 KV 500 MVA ICT-II at Lamboti	07/09/2011	12.06	07/09/2011	15.20	Q.M.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)
220/132 KV 100 MVA ICT-I @ Chikhli.	30/07/2011	11.45		Continued.	Replacement by 200 MVA ICT.Up to 10.09.2011.
220/132 KV 250 MVA ICT at Ambazari	05/08/2011	10.41		Continued.	ICT is to be replaced by 200 MVA ICT Upto 10.9.11.
Chalisgaon - Malegaon	02/09/2011	08.56		Continued.	Replacement of line and Transfer bus isolator.
Dhule-Chalisgaon	04/09/2011	10.05		Continued.	Bus side Isolator replacement work(Ckt charged Through TBC)
220/132 KV 200 MVA ICT - II @ Malegaon	07/09/2011	10.18	07/09/2011	18.12	Twin conductor replacement.
Vita - Pandharpur	07/09/2011	10.40	07/09/2011	14.12	Q.M.Work
Padgha - Nalasopara	07/09/2011	11.20	07/09/2011	16.04	Red Hot attending work.
Virur - Railway TSS-II	07/09/2011	13.25	07/09/2011	14.50	Replacement of faulty disc insulator.
220/132 KV 200 MVA ICT - II @ Bale	07/09/2011	14.25	07/09/2011	15.25	Checking of D.C.leakage.
220/132 KV 200 MVA ICT-I @ Bale	07/09/2011	15.28	07/09/2011	16.54	Checking of D.C.earth leakage.
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 : 400KV			Outage Type FORCED OUTAGE		
Koradi-Khaparkheda II	07/09/2011	13.07	07/09/2011	14.32	Ckt on TBC,attend SF6 gas leakage.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad-Kolhapur-II	29/08/2011	16.20		Continued.	Over Voltage.
Bhusawal- Aurangabad	03/09/2011	13.32		Continued.	Over Voltage
C'pur-Parli II	06/09/2011	20.00	07/09/2011	07.22	Over Voltage.
Akola - Bhusawal	06/09/2011	23.00		Continued.	Over Voltage.

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

Position as on 6.30 Hrs of 08/Sep/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Chandrapur - Parli - III	07/09/2011	23.47		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Padgha-Temghar I	20/08/2011	15.18		Continued.	To Control Padgha ICT Load
Padgha - Temghar - II	25/08/2011	11.50		Continued.	To control Padgha ICT Load
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.
Lonikand- Koyna Stage IV	06/09/2011	22.33	07/09/2011	08.39	Over Voltage
400/220KV 315MVA ICT-I at Kharghar	07/09/2011	09.10		Continued.	NDR.
Jejuri-Koyna STG-IV	07/09/2011	22.02		Continued.	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).
Lote - N.Koyna	06/09/2011	21.18	07/09/2011	01.24	Distance Protection.
Sahara-Urse	07/09/2011	20.13	08/09/2011	05.16	Dist.Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 08/Sep/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	105
Unit 7	210	100
	620	205
Bhusawal		
Unit 2	210	0
Unit 3	210	100
Unit 4	0	
	420	100
Parli		
Unit 3	210	130
Unit 4	210	0
Unit 5	210	140
Unit 6	250	180
Unit 7	250	0
	1130	450
Chandrapur		
Unit 1	210	0
Unit 2	210	100
Unit 3	210	0
Unit 4	210	0
Unit 5	500	250
Unit 6	500	300
Unit 7	500	0
	2340	650
Paras		
Unit 3	250	0
Unit 4	250	130
	500	130
Khaparkheda		
Unit 1	210	160
Unit 2	210	170
Unit 3	210	0
Unit 4	210	180
Unit 5	500	
	1340	510
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	150
Unit 4	210	0
Unit 5	210	0
	870	150
Uran		
All Units	852	550
	852	550
Dabhol		
RGPP	1940	630
	1940	630
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	60
TILLARI	60	60
BHTGR/VEER	21	15
BHIRA T.R.	80	80
RNGR+BHTSA	20	17
BHANDARDRA	45	30
ELDARY	23	0
SMLHY PTN	12	25
GHATGHAR	250	0
	611	323
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	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	205
TATA Hydro	444	447
	2024	1832
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3570
	3455	3570