



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

State Load Dispatch Center, Airoli

Daily system Report

for

08/Sep/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 08/Sep/2011 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	52.914	400.962	1) Madhya Pradesh	49.196	411.497
2) Hydro	40.054	219.353	2) Gujrat	43.611	300.441
3) Gas	13.851	113.137	3) Goa	-6.206	-42.248
Total MSGENCO	106.819	733.452	4) TAPS 1&2 (Inj.)	7.659	49.119
B) OTHERS			5) Pench (Excess)	-1.111	-3.510
1) RGPPL Gas	16.115	174.883	# Total Cent. Sector	93.149	715.299
2) Wind Generation	19.783	158.290	F) Other Exchanges		
3) CPP	24.606	192.371	1) With TPCL (Excess)	-15.152	-98.470
4) PENCH (MS)	1.111	3.510	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	10.206	93.996
1) TPCL Thermal	21.663	168.682	Include PX	0.000	6.734
2) TPCL Hydro	7.427	49.486	2) MUMBAI Bilateral	13.966	95.196
TOTAL TPCL	29.090	218.168	Include PX	1.268	2.336
3) REL Thermal	11.423	95.337	3) MUMBAI Schedule	13.966	95.196
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	86.000	664.981	1) MSEDCL	246.431	1879.335
2) Hydro (A2+B3+C2)	48.592	272.349	2) TPCL	37.431	275.547
3) Gas (A3+B1)	29.966	288.020	3) REL	18.231	136.420
4) Wind (B2)	19.783	158.290	TOTAL STATE	302.093	2291.302
5) CPP (B3)	24.606	192.371			
TOTAL STATE	208.947	1576.011			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	2264	2293	2106
MSGENCO Hydro	2087	2307	493
MSGENCO Gas	582	575	578
MSGENCO Total Generation	4933	5175	3177
Central Sector Receipt	3618	4894	3733
RGPPL	673	658	675
WIND	1085	429	996
CPP	1001	1077	1070
Exchange with Mumbai	-728	-801	-312
MSEDCL DEMAND MET	10629	11479	9386
Load Shedding (LS)	54	50	48
MSEDCL DEMAND (INCL. LS)	10683	11529	9434
TPCL GENERATION	1351	1432	869
REL GENERATION	526	522	383
TPCL+REL DEMAND	2605	2755	1564
STATE DEMAND MET	13234	14234	10950
Load Management (LM)	978	1955	878
Total Load Relief (LS+LM)	1032	2005	926
UNRESTRICTED STATE DEMAND	14266	16239	11876
Frequency (Hz)	50.02	49.23	50.15

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.37 Hz at 04:10 Hrs	48.79 Hz at 19:12 Hrs	49.94	2.4 % 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 08/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	2.33	15.27	120	75	105
Unit 7	2.45	20.70	115	90	100
	4.78	42.58			205
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	2.88	11.16	165	75	100
Unit 4	0.00	0.00	0	0	0
	2.88	11.16			100
Parli					
Unit 3	3.39	7.49	166	100	130
Unit 4	0.00	0.00	0	0	0
Unit 5	2.70	23.88	132	100	140
Unit 6	2.87	25.61	138	94	180
Unit 7	1.62	12.38	146	0	0
	10.58	69.37			450
Chandrapur					
Unit 1	0.00	11.61	0	0	0
Unit 2	2.50	9.75	123	88	100
Unit 3	0.00	4.84	0	0	0
Unit 4	0.00	0.00	0	0	0
Unit 5	5.81	49.60	280	215	250
Unit 6	7.42	50.14	350	260	300
Unit 7	0.00	14.62	0	0	0
	15.73	140.57			650
Paras					
Unit 3	0.00	0.00	0	0	0
Unit 4	2.72	17.30	164	72	130
	2.72	17.30			130
Khaparkheda					
Unit 1	3.74	21.38	170	140	160
Unit 2	4.14	25.18	185	160	170
Unit 3	0.00	12.09	0	0	0
Unit 4	4.24	26.51	184	166	180
Unit 5	0.00	0.00	0	0	0
	12.12	85.15			510
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	4.10	19.82	200	130	150
Unit 4	0.00	15.00	0	0	0
Unit 5	0.00	0.00	0	0	0
	4.10	34.82			150
Uran					
All Units	13.85	113.14	599	555	550
	13.85	113.14			550
Dabhol					
RGPPL	16.12	174.88	678	658	630
	16.12	174.88			630
Koyna					
Stage 1-2	9.32	38.86	550	65	600
Stage 4	16.14	84.21	1123	0	250
Stage 3	6.15	34.48	320	138	320
	31.60	157.55			1170
Kovna 12&4 Total	25.45	123.07			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.89	7.06	38	37	36
VTRNA	0.72	7.22	61	0	60
TILLARI	1.42	8.29	60	57	60
BHTGR/VEER	0.22	3.68	10	9	15
BHIRA T.R.	0.48	3.91	82	0	80
RNGR+BHTSA	0.48	3.78	20	19	17
BHANDARDRA	0.68	5.75	29	28	30
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	1.46	11.97	69	57	25
GHATGHAR	2.10	10.15	250	0	0
	8.45	61.81			323
PENCH (MS)					
Pench (MS)	1.11	3.51	53	43	0
	1.11	3.51			0
Wind					
MalharPeth	1.09	8.37			
Vankuswadi	1.69	15.79			
ATIT	0.22	2.45			
Kale	0.62	5.87			
Satara	3.67	22.34			
Shirala	0.52	6.38			
K Mahankal	0.06	13.89			
Supa	0.36	2.57			
Vita	2.46	31.68			
Dondaicha	5.22	24.94			
Sakri	1.01	4.80			
Nandurbar	0.40	2.03			
Khandke	1.75	11.96			
Khaparale	0.72	5.23			
	19.78	158.29			
CPP					
JSW JAIGAD	15.86	129.60	705	635	800
WARDHA	6.08	46.36	267	170	260
Other CPPs	2.66	16.42			
	24.61	192.37			1060
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.42	79.66	465	280	500
Trombay 6	4.66	37.28	400	155	500
Trombay 7A	2.58	22.77	124	69	120
Trombay 7B	1.51	12.74	68	52	60
Trombay 8	3.49	16.23	230	0	205
TATA Hydro	7.43	49.49	454	93	447
	29.09	218.17			1832
REL					
1&2	11.42	95.34	527	381	500
	11.42	95.34			500
Cent Sect					
Share					3570
					3570

MS PG CL	Thermal	52.91	400.96		2195
	Thml+Gas	66.76	514.10		2745
	Hydro	40.05	219.35		1493
	Total	106.82	733.45		4238
State Total		208.95	1576.01		11830

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/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	2050	1043	579	3672	674	1044	1034	3544	3797	-429	-431	9835	1331	9883	1886	13052	50.00
2	2071	1013	578	3662	676	1068	1044	3237	3585	-389	-420	9662	1262	9710	1728	12652	50.14
3	2048	670	575	3293	676	1035	1062	3187	3580	-389	-338	9355	971	9403	1626	11952	50.15
4	2106	493	578	3177	675	996	1070	3188	3733	-389	-312	9386	926	9434	1564	11876	50.15
5	2090	448	575	3113	676	990	1060	3187	4083	-389	-307	9662	924	9710	1567	12153	50.18
6	2127	1147	571	3845	674	954	1069	3188	3827	-389	-360	10057	994	10105	1657	12708	49.95
7	2125	1793	564	4482	675	921	1025	3187	3975	-409	-367	10758	996	10809	1800	13554	49.98
8	2129	1837	570	4536	678	880	1033	3187	3928	-429	-530	10572	996	10623	1966	13534	50.04
9	2221	2002	568	4791	673	1034	1011	3400	3857	-459	-633	10781	996	10832	2270	14047	50.01
10	2264	2087	582	4933	673	1085	1001	3722	3618	-614	-728	10629	1032	10683	2605	14266	50.02
11	2336	1729	577	4642	667	1107	1013	3655	3476	-747	-819	10134	1031	10187	2805	13970	49.88
12	2247	1916	578	4741	668	1003	1004	3266	3433	-802	-816	10080	1002	10131	2848	13930	49.97
13	2299	1848	578	4725	674	1042	1021	3178	3057	-802	-849	9713	1000	9764	2847	13560	49.95
14	2263	1684	579	4526	668	923	1006	3175	3561	-771	-803	9927	1002	9980	2754	13683	49.98
15	2327	2002	582	4911	663	883	1019	3172	3205	-771	-841	9887	1001	9938	2784	13672	49.81
16	2399	2301	577	5277	666	855	1011	3103	3130	-760	-835	10151	1027	10202	2778	13956	49.86
17	2293	2314	592	5199	668	549	1011	3078	3647	-771	-850	10267	1079	10317	2750	14096	49.91
18	2182	2154	584	4920	672	539	1063	3063	3782	-721	-967	10054	1258	10106	2683	13995	49.99
19	2162	2190	555	4907	668	440	1072	2928	4503	-555	-853	10790	1821	10842	2655	15266	49.60
20	2293	2307	575	5175	658	429	1077	3040	4894	-613	-801	11479	2005	11529	2755	16239	49.23
21	2260	2222	599	5081	669	476	1018	2923	4716	-648	-556	11449	2016	11499	2564	16029	49.79
22	2215	1822	587	4624	674	513	1007	2932	4629	-648	-528	10962	2016	11012	2422	15400	49.97
23	2221	1644	575	4440	678	485	966	2945	4601	-613	-603	10610	2013	10657	2253	14876	49.92
24	2186	1388	573	4147	672	532	909	2886	4532	-457	-605	10231	1750	10278	2098	14079	49.98
MUs	52.91	40.05	13.85	106.82	16.12	19.78	24.61	76.37	93.15	-13.97	-15.15	246.43	30.45	247.63	55.66	332.54	49.94

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 08/Sep/2011

Position as on 6.30 Hrs of 09/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.	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.	
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	09/09/2011	01.14	Furnace Pressure Low	
Dabhol 2A	230	05/09/2011	23.01		Continued.	Differential Pressure across STG(2X)Main Steam Control Valve increased	10/09/2011
Dabhol 2B	230	05/09/2011	23.08		Continued.	Differential Pressure across STG(2X)Main Steam Control Valve increased	10/09/2011
Dabhol 2X	290	05/09/2011	23.08		Continued.	Differential Pressure across STG(2X)Main Steam Control Valve increased	10/09/2011
Chandrapur Unit 1	210	07/09/2011	07.16		Continued.	Furnace pressure high.	
Nasik Unit 4	210	07/09/2011	20.03		Continued.	Wet coal problem.	
Dabhol 1A	230	07/09/2011	21.49	08/09/2011	20.07	Excitation problem.	
Parli Unit 7	250	08/09/2011	04.19	08/09/2011	10.04	M.S.Temp.Low.	
Cent_Sect NTPC(K-4)	500	08/09/2011	14.26		Continued.	Ash handling problem.	09/09/2011
Cent_Sect NTPC(K-5)	500	08/09/2011	14.52		Continued.	Ash handling problem.	09/09/2011
Cent_Sect NTPC(K-6)	500	08/09/2011	15.03		Continued.	Ash handling problem.	
Tata Trombay 8	250	08/09/2011	16.52		Continued.	BFP Problem.	
Koyna ST-IV 1	250	08/09/2011	18.03	08/09/2011	22.17	Butterfly valve measure fault.	
CPP WPCL U-4	135	08/09/2011	22.26		Continued.	Coal Mill Tripped.	
Dabhol 1A	230	08/09/2011	23.21		Continued.	W/Dn.	
Koyna Unit 9	80	09/09/2011	04.47		Continued.	LA.Burst.	
Koyna ST-IV 2	250	09/09/2011	22.00		Continued.	Preventive maint.work.	09/09/2011

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Sep/2011

Position as on 6.30 Hrs of 09/Sep/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Tillary-Amona	08/09/2011	12.32	08/09/2011	17.22	Red Hot on Y-Ph.
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.
Kolhapur - Mapusa - II	07/09/2011	22.56	08/09/2011	10.22	Over voltage.
Dhule-Khandwa-I	07/09/2011	23.53		Continued.	Over Voltage.
Kolhapur - Mapusa - I	08/09/2011	22.31		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		
Bus Coupler @ Babaleshwar	08/09/2011	08.51	08/09/2011	12.50	For charging of new ICT-III.
Karad-New Koyna II	08/09/2011	09.17	08/09/2011	16.59	Commissioning of New Bus at Karad.
400/220KV 500MVA ICT-III at Bableshwar	08/09/2011	10.00	08/09/2011	10.08	New ICT charge,(kept on humming)
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	08/09/2011	11.30	Bus side Isolator replacement work(Ckt charged Through TBC)
Wardha - Yawatmal	08/09/2011	11.16	08/09/2011	14.25	To attend Hot Spot and CT tan delta measurement work.
220/132 KV,200 MVA ICT-II At Chalisgaon	08/09/2011	11.58		Continued.	ICT taken on TBC for bus isolator replacement work.
Khaparkhedha-Kawlewada-I	08/09/2011	14.08		Continued.	BKR O/H Work,taken on TBC.
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
Mul-Sindewahi	07/09/2011	13.45	08/09/2011	11.05	Breaker pole replacement.
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
Akola - Bhusawal	06/09/2011	23.00		Continued.	Over Voltage.
Chandrapur - Parli - III	07/09/2011	23.47	08/09/2011	07.16	Over Voltage.
Lonikand- Koyna Stage IV	08/09/2011	21.26		Continued.	Over Voltage.
Parli - Chandrapur - III	08/09/2011	22.58	09/09/2011	05.50	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Padgha-Temghar I	20/08/2011	15.18		Continued.	To Control Padgha ICT Load

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Sep/2011

Position as on 6.30 Hrs of 09/Sep/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
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.
400/220KV 315MVA ICT-I at Kharghar	07/09/2011	09.10		Continued.	NDR.
Jejuri-Koyna STG-IV	07/09/2011	22.02	08/09/2011	09.03	Over Voltage.
Jejuri-Koyna STG-IV	08/09/2011	23.02		Continued.	Over Voltage.
New Koyna - Koyna Stage IV - II	09/09/2011	04.58		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).
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 09/Sep/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	125
Unit 7	210	0
	620	125
Bhusawal		
Unit 2	210	0
Unit 3	210	140
Unit 4	0	
	420	140
Parli		
Unit 3	210	110
Unit 4	210	0
Unit 5	210	105
Unit 6	250	130
Unit 7	250	85
	1130	430
Chandrapur		
Unit 1	210	0
Unit 2	210	115
Unit 3	210	0
Unit 4	210	0
Unit 5	500	250
Unit 6	500	350
Unit 7	500	0
	2340	715
Paras		
Unit 3	250	0
Unit 4	250	150
	500	150
Khaparkheda		
Unit 1	210	143
Unit 2	210	144
Unit 3	210	153
Unit 4	210	154
Unit 5	500	
	1340	594
Nasik		
Unit 1	120	0
Unit 2	120	0
Unit 3	210	190
Unit 4	210	0
Unit 5	210	0
	870	190
Uran		
All Units	852	580
	852	580
Dabhol		
RGPP	1940	630
	1940	630
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		
KDPH	40	36

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	10
BHIRA T.R.	80	80
RNGR+BHTSA	20	20
BHANDARDRA	45	29
ELDARY	23	0
SMLHY PTN	12	11
GHATGHAR	250	0
	611	306
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	750
WARDHA	405	260
Other CPPs	0	
	1005	1010
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	230
TATA Hydro	444	447
	2024	1847
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3066
	3455	3066