



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

State Load Dispatch Center, Airoli

Daily system Report

for

18/Sep/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 18/Sep/2011 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	64.552	1037.299	1) Madhya Pradesh	56.728	907.933
2) Hydro	12.754	428.471	2) Gujrat	42.619	762.849
3) Gas	15.486	251.150	3) Goa	-5.588	-96.426
Total MSGENCO	92.792	1716.920	4) TAPS 1&2 (Inj.)	7.788	127.278
B) OTHERS			5) Pench (Excess)	-1.012	-13.691
1) RGPPL Gas	36.783	478.900	# Total Cent. Sector	100.535	1687.943
2) Wind Generation	5.889	258.928	F) Other Exchanges		
3) CPP	25.121	458.962	1) With TPCL (Excess)	-8.386	-207.912
4) PENCH (MS)	1.012	13.866	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	18.958	353.965
1) TPCL Thermal	23.273	414.366	Include PX	3.936	109.904
2) TPCL Hydro	0.996	91.739	2) MUMBAI Bilateral	10.239	224.631
TOTAL TPCL	24.269	506.105	Include PX	0.743	10.989
3) REL Thermal	12.320	219.620	3) MUMBAI Schedule	10.239	224.631
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	100.145	1671.285	1) MSEDCL	253.746	4407.607
2) Hydro (A2+B3+C2)	14.762	534.076	2) TPCL	29.628	623.387
3) Gas (A3+B1)	52.269	730.050	3) REL	15.345	310.221
4) Wind (B2)	5.889	258.928	TOTAL STATE	298.719	5341.215
5) CPP (B3)	25.121	458.962			
TOTAL STATE	198.186	3653.301			

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	2891	2505	2631
MSGENCO Hydro	282	2358	137
MSGENCO Gas	652	636	660
MSGENCO Total Generation	3825	5499	3428
Central Sector Receipt	4697	3490	3787
RGPPL	1532	1520	1544
WIND	204	201	185
CPP	1074	1067	1010
Exchange with Mumbai	-408	-268	-288
MSEDCL DEMAND MET	10966	11549	9705
Load Shedding (LS)	51	50	47
MSEDCL DEMAND (INCL. LS)	11017	11599	9752
TPCL GENERATION	1071	1335	791
REL GENERATION	524	524	450
TPCL+REL DEMAND	2003	2127	1529
STATE DEMAND MET	12969	13676	11234
Load Management (LM)	1150	2313	836
Total Load Relief (LS+LM)	1201	2363	883
UNRESTRICTED STATE DEMAND	14170	16039	12117
Frequency (Hz)	50.04	49.73	50.30

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.42 Hz at 03.25 Hrs	49.1 Hz at 18.52 Hrs	50.01	.21 % 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 18/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	2.72	46.80	167	85	120
Unit 7	3.19	51.94	180	95	180
	5.91	105.36			300
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	2.91	29.00	135	100	140
Unit 4	0.00	0.00	0	0	
	2.91	29.00			140
Parli					
Unit 3	2.28	33.64	135	54	100
Unit 4	0.00	0.00	0	0	0
Unit 5	2.90	52.58	158	92	130
Unit 6	2.02	55.20	105	53	80
Unit 7	3.31	43.36	185	73	160
	10.50	184.78			470
Chandrapur					
Unit 1	2.26	36.32	123	60	100
Unit 2	2.34	35.98	130	58	110
Unit 3	1.58	24.48	136	0	100
Unit 4	0.00	0.00	0	0	0
Unit 5	5.32	114.52	270	200	230
Unit 6	5.63	97.30	270	196	250
Unit 7	5.94	70.74	273	215	250
	23.08	379.34			1040
Paras					
Unit 3	0.00	0.00	0	0	0
Unit 4	3.60	48.47	182	100	180
	3.60	48.47			180
Khaparkheda					
Unit 1	3.96	57.89	170	155	162
Unit 2	3.07	38.81	177	19	101
Unit 3	4.00	49.48	173	152	146
Unit 4	3.93	63.76	173	152	152
Unit 5		2.79	0	0	
	14.96	212.74			561
Nasik					
Unit 1	0.00	0.00	0	0	
Unit 2	0.00	0.00	0	0	
Unit 3	3.60	51.54	185	120	170
Unit 4	0.00	15.00	0	0	0
Unit 5	0.00	11.08	0	0	0
	3.60	77.62			170
Uran					
All Units	15.49	251.15	660	634	640
	15.49	251.15			640
Dabhol					
RGPPL	36.78	478.90	1550	1515	1610
	36.78	478.90			1610
Koyna					
Stage 1-2	2.64	87.52	530	35	600
Stage 4	4.30	165.41	1110	0	250
Stage 3	1.70	65.19	316	0	320
	8.64	318.11			1170
Kovna 12&4 Total	6.94	252.92			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	14.73	0	0	60
TILLARI	0.48	14.44	60	0	60
BHTGR/VEER	0.21	6.60	9	6	8
BHIRA T.R.	0.25	7.84	41	0	41
RNGR+BHTSA	0.40	7.97	17	11	16
BHANDARDRA	0.50	11.21	21	21	20
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	1.04	23.27	52	40	14
GHATGHAR	1.24	16.51	240	0	0
	4.11	110.36			219
PENCH (MS)					
Pench (MS)	1.01	13.87	45	39	
	1.01	13.87			
Wind					
MalharPeth	0.26	13.97			
Vankuswadi	0.46	25.89			
ATIT	0.08	4.33			
Kale	0.24	9.22			
Satara	0.15	40.10			
Shirala	0.13	9.41			
K Mahankal	0.61	17.39			
Supa	0.13	4.08			
Vita	0.37	49.28			
Dondaicha	1.87	45.31			
Sakri	0.41	8.59			
Nandurbar	0.17	4.10			
Khandke	0.57	19.26			
Khaparale	0.45	8.01			
	5.89	258.93			
CPP					
JSW JAIGAD	15.57	304.83	696	610	745
WARDHA	6.24	107.50	269	256	260
Other CPPs	3.31	46.63			
	25.12	458.96			1005
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.28	189.44	490	290	500
Trombay 6	3.76	85.98	170	155	500
Trombay 7A	2.99	51.66	127	123	120
Trombay 7B	1.63	28.71	69	67	60
Trombay 8	4.60	58.59	245	150	250
TATA Hydro	1.00	91.74	254	0	447
	24.27	506.10			1877
REL					
1&2	12.32	219.62	526	436	500
	12.32	219.62			500
Cent Sect					
Share					3271
					3271

MS PG CL	Thermal	64.55	1037.30			2861
	Thml+Gas	80.04	1288.45			3501
	Hydro	12.75	428.47			1389
	Total	92.79	1716.92			4890
State Total		198.19	3653.30			13153

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	2818	118	656	3592	1536	292	1038	2758	3581	-420	-335	9744	1210	9791	1808	12762	50.10
2	2780	124	659	3563	1537	217	1006	2734	3645	-396	-316	9693	1141	9740	1670	12504	50.11
3	2712	147	658	3517	1537	190	1015	2723	3674	-396	-277	9697	910	9744	1570	12177	50.16
4	2631	137	660	3428	1544	185	1010	2723	3787	-396	-288	9705	883	9752	1529	12117	50.30
5	2678	127	650	3455	1547	175	1010	2723	3820	-396	-287	9760	893	9807	1515	12168	50.13
6	2820	132	653	3605	1549	221	1013	2724	4075	-396	-283	10224	973	10271	1552	12749	49.98
7	2830	137	653	3620	1550	206	1011	2970	4676	-396	-319	10787	973	10836	1616	13376	50.10
8	2883	143	654	3680	1548	164	1007	2968	4864	-396	-342	10964	979	11015	1693	13636	50.11
9	2802	419	652	3873	1545	184	1046	2952	4804	-396	-389	11104	985	11158	1814	13903	50.03
10	2918	479	651	4048	1539	213	1058	2961	4398	-396	-378	10920	985	10976	1929	13834	50.04
11	2891	282	652	3825	1532	204	1074	2990	4697	-425	-408	10966	1201	11017	2003	14170	50.04
12	2745	314	635	3694	1530	258	1068	2979	4757	-469	-398	10952	1175	11002	2029	14156	49.93
13	2767	307	634	3708	1527	270	1075	2807	4620	-469	-410	10832	1171	10882	2031	14034	50.01
14	2751	377	634	3762	1517	287	1073	2782	4533	-445	-380	10835	1173	10887	1980	13988	50.03
15	2611	317	637	3565	1515	364	1078	2782	4457	-410	-373	10651	1179	10701	1963	13793	49.98
16	2644	202	639	3485	1518	412	1038	2746	4630	-396	-327	10801	1188	10851	1918	13907	50.08
17	2547	158	638	3343	1515	303	1035	2732	5047	-396	-326	10961	1264	11011	1895	14120	49.99
18	2550	202	635	3387	1518	274	1045	2864	4552	-396	-333	10487	1488	10539	1915	13890	50.03
19	2501	1359	636	4496	1516	240	1030	3017	3880	-415	-338	10867	2154	10919	1993	15014	49.74
20	2505	2358	636	5499	1520	201	1067	3071	3490	-469	-268	11549	2363	11599	2127	16039	49.73
21	2503	2253	637	5393	1527	268	1063	3077	3334	-469	-305	11320	2370	11370	2133	15823	49.85
22	2548	1458	640	4646	1534	286	1063	3079	3749	-469	-372	10946	2370	10996	2132	15448	49.88
23	2553	761	647	3961	1539	234	1101	2906	3762	-543	-461	10180	2367	10227	2110	14657	49.89
24	2564	443	640	3647	1543	241	1097	2569	3702	-484	-473	9801	2067	9848	2050	13918	49.94
MUs	64.55	12.75	15.49	92.79	36.78	5.89	25.12	68.64	100.53	-10.24	-8.39	253.75	33.46	254.94	44.98	332.18	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 18/Sep/2011

Position as on 6.30 Hrs of 19/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.	19/09/2011
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
Koradi Unit 5	200	03/09/2011	16.46		Continued.	I.D Fan problem. Mini Overhaul	22/09/2011
Dabhol 1B	230	05/09/2011	23.57		Continued.	Generator Inspection	15/10/2011
Nasik Unit 4	210	07/09/2011	20.03		Continued.	Wet coal problem.Mini Overhaul	25/09/2011
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	
Khaparkheda Unit 2	210	11/09/2011	21.15	18/09/2011	00.33	Flame Failure	
Khaparkheda Unit 5	500	12/09/2011	05.55		Continued.	Generator Protection.	
Cent_Sect NTPC(K-7)	500	14/09/2011	21.37		Continued.	G/T problem.	
Nasik Unit 5	210	16/09/2011	10.05		Continued.	Boiler tube leakage.	19/09/2011
Cent_Sect NTPC(K-1)	210	18/09/2011	11.31		Continued.	Ash Handling Problem	
Cent_Sect NTPC (K-2)	210	18/09/2011	11.31	18/09/2011	17.03	Ash Handling Problem	
Cent_Sect NTPC(K-3)	210	18/09/2011	11.31		Continued.	Ash Handling Problem	
Cent_Sect NTPC(K-6)	500	18/09/2011	11.31		Continued.	Ash Handling Problem	
Chandrapur Unit 3	210	18/09/2011	17.30	18/09/2011	23.38	Coal Shortage	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Sep/2011

Position as on 6.30 Hrs of 19/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 - Aurangabad - II	26/08/2011	21.28		Continued.	Over Voltage
Akola - Wardha - II	27/08/2011	03.20		Continued.	Over Voltage
Kolhapur - Mapusa - II	17/09/2011	20.50	18/09/2011	10.28	Over Voltage
Karad - Solapur (PGCIL)	17/09/2011	22.16	18/09/2011	06.40	Over Voltage
Dhule-Khandwa-I	18/09/2011	00.39	18/09/2011	06.07	Over Voltage
Padgha-Bhoisor (PGCIL)	18/09/2011	14.37	18/09/2011	14.48	To take Line Reactor in service
Karad - Solapur (PGCIL)	18/09/2011	22.05		Continued.	Over Voltage
Kolhapur - Mapusa - I	18/09/2011	22.21		Continued.	Over Voltage
Dhule-Khandwa-II	19/09/2011	00.32		Continued.	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Akola - Wardha - I	28/08/2011	04.20		Continued.	Over Voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
M.B-II At 400KV Parli	15/09/2011	07.54		Continued.	Jumper connection between existing MB-II and extended bus of PGCIL.
400/132KV,200MVA ICT-I at Khadka.	16/09/2011	12.24	18/09/2011	18.15	Replacement of 132KV line side isolator.
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.
220/110KV 100MVA T/F-III at Miraj	12/09/2011	11.00		Continued.	Augmentation of 100 MVA to 200 MVA T/F. Upto 30.09.2011.
Kalyani-Baramati Agro	16/09/2011	11.20		Continued.	Replacement of breaker.
Pedambe-Tambati	17/09/2011	08.25		Continued.	Dismantling of existing 220KV Tower
Mahad-Nagothane	17/09/2011	08.42		Continued.	Dismantling of existing 220KV Tower
220/100KV 200MVA ICT-IV at Kalwa	17/09/2011	16.06		Continued.	Oil Filtration work
220/33 KV 100 MVA ICT-IV @ Versova	18/09/2011	06.59	18/09/2011	11.20	Replacement of NGT Bucholz
Trombay - Sonkar	18/09/2011	07.14	18/09/2011	17.47	Replacement of Jumpers
220/33 KV 100 MVA T/F - I @ Ghodbandar	18/09/2011	08.17	18/09/2011	21.20	Annual Maint.Work
Mudshingi-Talandage-II	18/09/2011	09.04	18/09/2011	17.43	Replacement of suspension hardware
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
Kalmeshwar-Saoner	17/09/2011	12.00		Continued.	Retrofitting of Relays
Mansar - Pench	18/09/2011	08.10	18/09/2011	18.59	Replacement of Disc Insulator
Voltage Level : 110KV			Outage Type PLANNED OUTAGE		
Borivali-Borivali Tata-II	18/09/2011	09.29	18/09/2011	15.40	Replacement of Insulator String
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Boiser-PGCIL-I	18/09/2011	07.19	18/09/2011	14.09	To attend Hot Spot
Voltage Level : 132KV			Outage Type FORCED OUTAGE		

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Sep/2011

Position as on 6.30 Hrs of 19/Sep/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Parbhani - Parbhani - II	18/09/2011	21.29	19/09/2011	00.57	Hot Spot on B Phase CT
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Bhusawal	06/09/2011	23.00		Continued.	Over Voltage.
Bhusawal- Aurangabad	15/09/2011	20.25	18/09/2011	05.50	Over Voltage.
Karad - Kolhapur - II	17/09/2011	22.34		Continued.	Over Voltage
Bhusawal- Aurangabad	18/09/2011	22.11		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
Abhijeet-Wardha-I	14/09/2011	08.37	18/09/2011	15.52	To control Koradi 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.
Bhusawal- Aurangabad	18/09/2011	09.40	18/09/2011	14.06	LA Burst at BSL end
Voltage Level : 220KV			Outage Type TRIPPED		
C'pur-Sicom-I	18/09/2011	09.59	18/09/2011	10.06	Distance Protection
Khaparkheda-Kawlewada-II	18/09/2011	11.57	18/09/2011	12.23	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		
Pusad - Umarkhed	17/09/2011	21.52	18/09/2011	08.06	Distance protection
Pusad - Digras	18/09/2011	02.08	18/09/2011	02.18	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 19/Sep/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	110
Unit 7	210	150
	620	260
Bhusawal		
Unit 2	210	0
Unit 3	210	140
Unit 4	0	
	420	140
Parli		
Unit 3	210	140
Unit 4	210	0
Unit 5	210	100
Unit 6	250	100
Unit 7	250	150
	1130	490
Chandrapur		
Unit 1	210	130
Unit 2	210	120
Unit 3	210	140
Unit 4	210	0
Unit 5	500	230
Unit 6	500	230
Unit 7	500	200
	2340	1050
Paras		
Unit 3	250	0
Unit 4	250	160
	500	160
Khaparkheda		
Unit 1	210	150
Unit 2	210	150
Unit 3	210	150
Unit 4	210	150
Unit 5	500	
	1340	600
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	150
Unit 4	210	0
Unit 5	210	50
	870	200
Uran		
All Units	852	630
	852	630
Dabhol		
RGPP	1940	1610
	1940	1610
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	40
RNGR+BHTSA	20	15
BHANDARDRA	45	20
ELDARY	23	0
SMLHY PTN	12	14
GHATGHAR	250	0
	611	157
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	795
WARDHA	405	260
Other CPPs	0	
	1005	1055
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	3518
	3455	3518