



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

State Load Dispatch Center, Airoli

Daily system Report

for

10/Jul/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 10/Jul/2011 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	82.415	923.293	1) Madhya Pradesh	26.062	495.014
2) Hydro	5.995	163.278	2) Gujrat	34.335	174.657
3) Gas	10.308	104.316	3) Goa	-5.412	-55.716
Total MSGENCO	98.718	1190.887	4) TAPS 1&2 (Inj.)	7.862	76.408
B) OTHERS			5) Pench (Excess)	-0.070	-0.790
1) RGPPL Gas	36.770	382.724	# Total Cent. Sector	62.777	689.573
2) Wind Generation	22.737	155.425	F) Other Exchanges		
3) CPP	28.635	314.359	1) With TPCL (Excess)	-8.970	-110.672
4) PENCH (MS)	0.070	0.790	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	11.149	138.108
1) TPCL Thermal	17.915	239.671	Include PX	0.000	2.351
2) TPCL Hydro	4.820	52.130	2) MUMBAI Bilateral	9.538	123.786
TOTAL TPCL	22.735	291.801	Include PX	-1.104	-18.645
3) REL Thermal	12.186	124.440	3) MUMBAI Schedule	9.538	124.698
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	112.516	1287.404	1) MSEDCL	240.737	2623.086
2) Hydro (A2+B3+C2)	10.885	216.198	2) TPCL	29.085	351.268
3) Gas (A3+B1)	47.078	487.040	3) REL	14.805	175.602
4) Wind (B2)	22.737	155.425	TOTAL STATE	284.627	3149.956
5) CPP (B3)	28.635	314.359			
TOTAL STATE	221.851	2460.426			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 9 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3422	3515	3337
MSGENCO Hydro	210	670	98
MSGENCO Gas	448	406	440
MSGENCO Total Generation	4080	4591	3875
Central Sector Receipt	3119	2843	2527
RGPPL	1645	1608	1485
WIND	931	1080	782
CPP	1163	1218	1111
Exchange with Mumbai	-302	-460	-283
MSEDCL DEMAND MET	10636	10890	9497
Load Shedding (LS)	50	48	50
MSEDCL DEMAND (INCL. LS)	10686	10938	9547
TPCL GENERATION	915	1093	734
REL GENERATION	479	525	462
TPCL+REL DEMAND	1696	2078	1479
STATE DEMAND MET	12332	12968	10976
Load Management (LM)	1191	2358	1050
Total Load Relief (LS+LM)	1241	2406	1100
UNRESTRICTED STATE DEMAND	13573	15374	12076
Frequency (Hz)	49.97	49.64	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.37 Hz at 06.03 Hrs	49.09 Hz at 21.01 Hrs	49.92	.68 % 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 10/Jul/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.08	37.83	178	160	165
Unit 6	4.05	37.02	180	157	165
Unit 7	4.14	32.28	195	90	160
	12.27	107.13			490
Bhusawal					
Unit 2	3.90	28.14	170	145	175
Unit 3	0.00	15.88	0	0	0
Unit 4		0.00	0	0	
	3.90	44.01			175
Parli					
Unit 3	2.63	27.62	137	83	110
Unit 4	0.00	23.53	0	0	0
Unit 5	3.11	27.20	160	106	130
Unit 6	0.00	0.00	0	0	0
Unit 7	0.00	26.43	0	0	0
	5.74	104.77			240
Chandrapur					
Unit 1	3.24	32.06	144	122	140
Unit 2	3.13	30.76	137	120	125
Unit 3	4.41	40.61	191	174	190
Unit 4	4.11	40.01	177	161	175
Unit 5	8.74	90.23	405	325	380
Unit 6	8.03	80.38	365	295	350
Unit 7	0.00	0.00	0	0	0
	31.66	314.05			1360
Paras					
Unit 3	3.20	42.57	173	90	100
Unit 4	1.77	43.21	102	59	60
	4.98	85.78			160
Khaparkheda					
Unit 1	4.55	42.84	205	180	180
Unit 2	4.25	42.70	185	159	180
Unit 3	5.06	47.07	216	203	210
Unit 4	5.00	47.47	216	191	210
Unit 5		0.00	0	0	
	18.86	180.07			780
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	1.98	28.52	115	50	70
Unit 4	0.93	28.58	113	0	70
Unit 5	2.10	30.38	146	43	75
	5.01	87.49			215
Uran					
All Units	10.31	104.32	458	401	440
	10.31	104.32			440
Dabhol					
RGPPL	36.77	382.72	1648	1465	1590
	36.77	382.72			1590
Koyna					
Stage 1-2	1.06	40.90	110	20	530
Stage 4	0.00	62.05	0	0	250
Stage 3	0.77	26.72	240	0	320
	1.83	129.67			1100
Kovna 12&4 Total	1.06	102.95			780

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	1.05	10.30	61	0	60
TILLARI	0.24	3.76	61	0	60
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.49	4.52	82	0	80
RNGR+BHTSA	0.03	2.06	2	1	10
BHANDARDRA	0.70	2.64	30	29	20
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.88	6.80	43	33	10
GHATGHAR	0.78	3.54	250	0	0
	4.17	33.61			240
PENCH (MS)					
Pench (MS)	0.07	0.79	23	0	
	0.07	0.79			
Wind					
MalharPeth	0.62	5.87			
Vankuswadi	1.79	12.87			
ATIT	0.27	4.20			
Kale	0.56	4.10			
Satara	0.61	10.18			
Shirala	0.49	4.78			
K Mahankal	2.80	10.02			
Supa	0.36	2.05			
Vita	2.73	22.96			
Dondaicha	7.82	49.40			
Sakri	1.18	6.96			
Nandurbar	0.66	4.99			
Khandke	1.62	9.65			
Khaparale	1.22	7.39			
	22.74	155.42			
CPP					
JSW JAIGAD	15.49	187.79	648	641	635
WARDHA	7.92	71.71	389	228	380
Other CPPs	5.22	54.86			
	28.64	314.36			1015
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	5.36	92.20	240	210	250
Trombay 6	3.60	57.66	150	150	500
Trombay 7A	2.83	28.18	122	112	120
Trombay 7B	1.58	15.64	67	64	60
Trombay 8	4.55	46.00	230	155	225
TATA Hydro	4.82	52.13	372	0	447
	22.74	291.80			1602
REL					
1&2	12.19	124.44	526	453	500
	12.19	124.44			500
Cent Sect					
Share					3029
					3029

MS PG CL	Thermal	82.42	923.29			3420
	Thml+Gas	92.72	1027.61			3860
	Hydro	6.00	163.28			1340
	Total	98.72	1190.89			5200
State Total		221.85	2460.43			12936

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/Jul/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	3315	119	403	3837	1495	774	1119	3153	2681	-369	-349	9557	1515	9607	1764	12836	49.88
2	3329	93	401	3823	1484	742	1134	3150	2587	-369	-339	9431	1423	9481	1614	12468	49.92
3	3385	108	403	3896	1484	850	1122	3151	2531	-364	-314	9569	1103	9619	1529	12201	49.94
4	3337	98	440	3875	1485	782	1111	3152	2527	-364	-283	9497	1100	9547	1479	12076	49.99
5	3400	99	445	3944	1485	818	1096	3152	2576	-364	-294	9625	1148	9675	1481	12254	49.87
6	3370	99	457	3926	1485	794	1143	3150	2821	-364	-324	9845	1237	9895	1530	12612	49.93
7	3368	143	458	3969	1640	660	1144	3147	2909	-364	-337	9985	1237	10035	1563	12785	50.02
8	3415	174	455	4044	1648	652	1170	3147	2960	-384	-283	10191	1241	10241	1613	13045	49.99
9	3422	210	448	4080	1645	931	1163	3149	3119	-404	-302	10636	1241	10686	1696	13573	49.97
10	3333	326	452	4111	1631	997	1216	2973	2642	-375	-392	10205	1259	10255	1849	13313	50.07
11	3378	317	421	4116	1466	1126	1248	2698	2665	-397	-418	10203	1264	10253	1961	13428	49.90
12	3353	211	421	3985	1468	962	1268	2754	2878	-419	-430	10131	1265	10181	2011	13407	49.86
13	3398	170	429	3997	1465	1172	1245	2764	2634	-424	-401	10112	1263	10162	2025	13400	50.02
14	3484	170	421	4075	1466	1117	1250	2716	2464	-392	-374	9998	1263	10048	1960	13221	50.02
15	3454	165	427	4046	1467	1082	1249	2555	2529	-349	-326	10047	1271	10097	1934	13252	49.80
16	3437	171	427	4035	1467	1078	1248	2583	2417	-333	-336	9909	1282	9959	1895	13086	49.88
17	3534	166	427	4127	1466	1170	1233	2599	2436	-312	-323	10109	1324	10157	1882	13315	50.07
18	3484	199	436	4119	1466	1208	1203	2720	1876	-392	-312	9560	1468	9608	1876	12904	50.09
19	3504	288	417	4209	1476	1175	1213	2720	1983	-392	-371	9685	2176	9733	1914	13775	49.92
20	3515	670	406	4591	1608	1080	1218	2879	2843	-461	-460	10890	2406	10938	2078	15374	49.64
21	3479	749	403	4631	1617	995	1215	3021	2807	-493	-496	10792	2417	10840	2160	15369	49.69
22	3542	727	437	4706	1619	902	1218	3060	2714	-493	-487	10695	2417	10743	2117	15229	49.85
23	3601	347	435	4383	1614	904	1214	3129	2572	-493	-524	10177	2417	10225	2027	14621	49.80
24	3579	176	439	4194	1623	766	1195	3125	2607	-463	-495	9890	2160	9938	1933	13983	49.91
MUs	82.42	6.00	10.31	98.72	36.77	22.74	28.64	70.65	62.78	-9.54	-8.97	240.74	36.90	241.92	43.89	321.53	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 10/Jul/2011

Position as on 6.30 Hrs of 11/Jul/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.	22/07/2011
Cent_Sect NTPC(V-10)	500	15/06/2011	01.24	10/07/2011	21.51	C/OH	
Parli Unit 6	250	16/06/2011	05.50		Continued.	Annual Overhaul	15/07/2011
Chandrapur Unit 7	500	29/06/2011	21:40		Continued.	COH	16/08/2011
Bhusawal Unit 3	210	05/07/2011	00.39		Continued.	Feasibility test of ESP.	12/07/2011
Koyna Unit 4	75	07/07/2011	11:20		Continued.	Runner Replacement Work.	17/07/2011
FORCED OUTAGE							
Uran Unit 8	108	06/06/2011	23.12		Continued.	Bus Bar Protection operated,as Y-Ph BKR pole of Uran U-5 burst.	10/08/2011
Parli Unit 7	250	07/07/2011	12:14		Continued.	Boiler Tube Leakage.	11/07/2011
Parli Unit 4	210	09/07/2011	13.10		Continued.	Low Condenser Vacuum.	
CPP WPCL U-3	135	09/07/2011	21.00	10/07/2011	05.45	Hydraulic Oil Pump Tripped.	
Uran Unit B0	120	10/07/2011	00.45	10/07/2011	03.04	Boiler Protection.	
Nasik Unit 4	210	10/07/2011	11.30		Continued.	Withdrawn due to wet coal.	15/07/2011

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Jul/2011

Position as on 6.30 Hrs of 11/Jul/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		
Kolhapur - Mapusa - II	06/07/2011	18.07		Continued.	Over Voltage.
Wardha - Akola - I	06/07/2011	18.16		Continued.	Over Voltage.
Akola - Aurangabad - I	08/07/2011	20.31		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	08/07/2011	23.02		Continued.	Over Voltage.
Dhule-Sar'Sarovar - II	10/07/2011	23.33		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Wardha - Akola - II	09/07/2011	00.03		Continued.	Over Voltage.
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)
220/132KV,100 MVA ICT-III at Girwali.	21/06/2011	10.44		Continued.	Augmentation of ICT by new 200 MVA ICT upto 30.07.2011
Pophali - Pedambe	10/07/2011	07.23	10/07/2011	12.20	Bus Section Outage @ Koyna - I.
Kandalgaon-Koyna	10/07/2011	07.30	10/07/2011	12.15	Bus Section Outage @ Koyna -I.
Bus Section - I @ Pophali	10/07/2011	07.40	10/07/2011	12.20	Bus Section Outage @ Koyna - I.To Attend Hot Spot.
Kalwa - Salshet - III	10/07/2011	09.10	10/07/2011	13.31	Attending Hot Spot @ R & B Ph.C T .
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	06/07/2011	17.59		Continued.	Over Voltage.
Kolhapur-Karad -I	07/07/2011	12:57		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	09/07/2011	22.05	10/07/2011	08.15	Over Voltage.
Lonikand- Koyna Stage IV	10/07/2011	22.05		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Bus Coupler @ WPCL	07/06/2011	17.22		Continued.	As being normally kept open.
Phursungi - Theur	02/07/2011	19.30		Continued.	To Control Loading.
Chandrapur - Warora	03/07/2011	21.47		Continued.	To Control Wrr-Wrd & Wrr-Hgkat Loading.
Voltage Level : 500KV			Outage Type TRIPPED		
Chandrapur-Padaghe Pole - II	10/07/2011	17.01	10/07/2011	21:40	Trip Smothing Reactor Pressure Ready for Charge @ 21.00 Hrs.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV 105 MVA Spare ICT at Parly II	22/04/2011	13.50		Continued.	To Remove Trip Coil Assembaly for Bus Coupler.
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).
220/100KV 125 MVA ICT-I @ Kalwa	19/06/2011	13.45		Continued.	Buchholz Augmentation by 200 MVA.Expected in Sept.2011.
Boisor - Dahanu	10/07/2011	19.40	10/07/2011	20.07	Tripped @ Boisar Without any Indication.
Mahad-Nagothane	10/07/2011	23.27		Continued.	Tripped @ Mahad End Only on PDR.
Boisor - Dahanu	11/07/2011	04.48	11/07/2011	04.58	Tripped @ Boisar End Only,Without any Indication.
Voltage Level : 132KV			Outage Type TRIPPED		
Boiser - Viraj	10/07/2011	22.01	11/07/2011	05.40	Y Ph C T Burst @ Viraj.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 11/Jul/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	180
Unit 6	210	162
Unit 7	210	190
	620	532
Bhusawal		
Unit 2	210	150
Unit 3	210	0
Unit 4	0	0
	420	150
Parli		
Unit 3	210	125
Unit 4	210	0
Unit 5	210	110
Unit 6	250	0
Unit 7	250	0
	1130	235
Chandrapur		
Unit 1	210	140
Unit 2	210	135
Unit 3	210	190
Unit 4	210	180
Unit 5	500	400
Unit 6	500	400
Unit 7	500	0
	2340	1445
Paras		
Unit 3	250	160
Unit 4	250	100
	500	260
Khaparkheda		
Unit 1	210	180
Unit 2	210	180
Unit 3	210	200
Unit 4	210	200
Unit 5	0	0
	840	760
Nasik		
Unit 1	120	0
Unit 2	120	0
Unit 3	210	80
Unit 4	210	0
Unit 5	210	100
	870	180
Uran		
All Units	852	465
	852	465
Dabhol		
RGPP	1940	1570
	1940	1570
Koyna		
Stage 1-2	600	530
Stage 4	1000	250
Stage 3	320	320
	1920	1100
Hydro		
KDPH	40	0

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	2
BHANDARDRA	45	20
ELDARY	23	0
SMLHY PTN	12	20
GHATGHAR	250	0
	611	242
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	635
WARDHA	405	380
Other CPPs	0	
	1005	1015
Tata		
Trombay 4	150	0
Trombay 5	500	225
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	225
TATA Hydro	444	447
	2024	1577
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3448
	3455	3448

	19080	13479
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