



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

State Load Dispatch Center, Airoli

Daily system Report

for

09/Jul/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 09/Jul/2011 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	79.679	840.878	1) Madhya Pradesh	26.851	468.952
2) Hydro	7.588	157.283	2) Gujrat	27.612	140.322
3) Gas	9.218	94.008	3) Goa	-6.032	-50.304
Total MSGENCO	96.485	1092.169	4) TAPS 1&2 (Inj.)	7.889	68.546
B) OTHERS			5) Pench (Excess)	-0.070	-0.720
1) RGPPL Gas	36.090	345.954	# Total Cent. Sector	56.250	626.796
2) Wind Generation	27.216	132.688	F) Other Exchanges		
3) CPP	29.491	285.724	1) With TPCL (Excess)	-8.105	-101.702
4) PENCH (MS)	0.070	0.720	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	11.472	129.013
1) TPCL Thermal	23.908	221.756	Include PX	0.000	2.351
2) TPCL Hydro	4.987	47.310	2) MUMBAI Bilateral	8.445	114.424
TOTAL TPCL	28.895	269.066	Include PX	-4.474	-17.541
3) REL Thermal	12.255	112.254	3) MUMBAI Schedule	8.445	115.337
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	115.842	1174.888	1) MSEDCL	237.497	2382.349
2) Hydro (A2+B3+C2)	12.645	205.313	2) TPCL	33.006	322.183
3) Gas (A3+B1)	45.308	439.962	3) REL	16.244	160.797
4) Wind (B2)	27.216	132.688	TOTAL STATE	286.747	2865.329
5) CPP (B3)	29.491	285.724			
TOTAL STATE	230.502	2238.575			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3222	3066	3556
MSGENCO Hydro	327	1202	103
MSGENCO Gas	366	438	383
MSGENCO Total Generation	3915	4706	4042
Central Sector Receipt	2536	3142	1374
RGPPL	1469	1641	1466
WIND	1256	946	1092
CPP	1266	1138	1212
Exchange with Mumbai	-447	-470	-152
MSEDCL DEMAND MET	9995	11126	9034
Load Shedding (LS)	41	43	41
MSEDCL DEMAND (INCL. LS)	10036	11169	9075
TPCL GENERATION	1567	1337	844
REL GENERATION	525	524	454
TPCL+REL DEMAND	2539	2331	1450
STATE DEMAND MET	12534	13457	10484
Load Management (LM)	1142	2257	10
Total Load Relief (LS+LM)	1183	2300	51
UNRESTRICTED STATE DEMAND	13717	15757	10535
Frequency (Hz)	49.97	49.76	50.18

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.37 Hz at 05.07 Hrs	49.5 Hz at 21.10 Hrs	50	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 09/Jul/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.83	33.75	175	141	170
Unit 6	3.74	32.97	170	139	170
Unit 7	0.17	28.14	80	0	0
	7.74	94.86			340
Bhusawal					
Unit 2	3.98	24.24	175	150	170
Unit 3	0.00	15.88	0	0	0
Unit 4	0.00	0.00	0	0	
	3.98	40.12			170
Parli					
Unit 3	2.98	24.99	152	95	120
Unit 4	1.34	23.53	117	0	105
Unit 5	2.98	24.08	149	97	115
Unit 6	0.00	0.00	0	0	0
Unit 7	0.00	26.43	0	0	0
	7.29	99.03			340
Chandrapur					
Unit 1	2.81	28.82	127	105	130
Unit 2	2.98	27.64	134	112	125
Unit 3	4.04	36.20	184	125	180
Unit 4	3.96	35.90	178	145	180
Unit 5	7.95	81.49	365	285	350
Unit 6	7.67	72.34	377	195	325
Unit 7	0.00	0.00	0	0	0
	29.42	282.39			1290
Paras					
Unit 3	3.18	39.37	154	114	125
Unit 4	2.26	41.43	140	60	100
	5.44	80.80			225
Khaparkheda					
Unit 1	4.41	38.28	195	170	180
Unit 2	4.31	38.45	185	175	180
Unit 3	4.97	42.01	215	205	200
Unit 4	4.91	42.46	216	200	200
Unit 5	0.00	0.00	0	0	
	18.60	161.20			760
Nasik					
Unit 1	0.00	0.00	0	0	
Unit 2	0.00	0.00	0	0	
Unit 3	2.16	26.54	140	30	140
Unit 4	2.77	27.65	165	79	180
Unit 5	2.28	28.28	133	41	140
	7.21	82.48			460
Uran					
All Units	9.22	94.01	452	312	430
	9.22	94.01			430
Dabhol					
RGPPL	36.09	345.95	1654	1465	1570
	36.09	345.95			1570
Koyna					
Stage 1-2	1.56	39.85	335	35	530
Stage 4	0.16	62.05	165	0	250
Stage 3	1.31	25.94	240	0	320
	3.04	127.84			1100
Kovna 12&4 Total	1.73	101.90			780

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	1.02	9.25	61	0	60
TILLARI	0.32	3.52	60	0	60
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.48	4.04	82	0	80
RNGR+BHTSA	0.26	2.03	11	11	10
BHANDARDRA	0.48	1.93	20	20	20
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.83	5.92	42	31	11
GHATGHAR	1.16	2.76	250	0	
	4.55	29.44			241
PENCH (MS)					
Pench (MS)	0.07	0.72	23	0	
	0.07	0.72			
Wind					
MalharPeth	1.05	5.25			
Vankuswadi	1.93	11.08			
ATIT	1.11	3.93			
Kale	0.67	3.53			
Satara	2.19	9.57			
Shirala	0.89	4.29			
K Mahankal	0.69	7.22			
Supa	0.27	1.69			
Vita	3.50	20.24			
Dondaicha	9.19	41.58			
Sakri	1.51	5.78			
Nandurbar	0.97	4.33			
Khandke	1.89	8.03			
Khaparale	1.36	6.16			
	27.22	132.69			
CPP					
JSW JAIGAD	15.42	172.30	646	637	635
WARDHA	7.99	63.79	388	180	380
Other CPPs	6.08	49.64			
	29.49	285.72			1015
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.06	86.84	490	250	490
Trombay 6	5.54	54.06	400	150	500
Trombay 7A	2.90	25.36	123	119	120
Trombay 7B	1.59	14.06	67	66	60
Trombay 8	3.82	41.44	175	150	150
TATA Hydro	4.99	47.31	351	0	447
	28.90	269.07			1767
REL					
1&2	12.26	112.25	525	411	500
	12.26	112.25			500
Cent Sect					
Share					3302
					3302

MS PG CL	Thermal	79.68	840.88		3585
	Thml+Gas	88.90	934.89		4015
	Hydro	7.59	157.28		1341
	Total	96.48	1092.17		5356
State Total		230.50	2238.58		13510

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/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	3562	182	402	4146	1465	1010	1258	2801	1721	-376	-219	9381	180	9422	1697	11258	50.11
2	3544	103	312	3959	1466	1080	1238	2525	1752	-260	-181	9314	51	9355	1543	10908	50.04
3	3600	103	367	4070	1468	1067	1206	2715	1553	-404	-213	9151	51	9192	1496	10698	49.98
4	3556	103	383	4042	1466	1092	1212	2555	1374	-264	-152	9034	51	9075	1450	10535	50.18
5	3456	103	405	3964	1466	1090	1281	2445	1587	-214	-137	9251	99	9292	1451	10801	50.19
6	3441	108	452	4001	1467	1013	1270	2454	2208	-225	-185	9774	120	9815	1526	11420	50.07
7	3400	113	442	3955	1467	1088	1275	2484	2307	-257	-172	9920	535	9961	1639	12094	50.19
8	3436	149	334	3919	1465	1098	1273	2530	2479	-305	-244	9990	1205	10031	1753	12948	50.16
9	3346	220	327	3893	1466	1019	1293	2594	2581	-370	-355	9897	1205	9938	1986	13088	49.96
10	3330	368	312	4010	1466	1127	1256	2769	2576	-392	-354	10081	1223	10122	2284	13588	50.01
11	3280	394	328	4002	1465	1226	1263	2869	2453	-472	-416	9993	1195	10034	2485	13673	50.02
12	3222	327	366	3915	1469	1256	1266	2879	2536	-483	-447	9995	1183	10036	2539	13717	49.97
13	3261	252	324	3837	1470	1386	1254	2929	2467	-467	-395	10019	1181	10060	2481	13681	50.06
14	3265	194	327	3786	1467	1272	1273	2899	2238	-424	-415	9621	1181	9662	2371	13173	50.10
15	3290	163	320	3773	1469	1352	1268	2844	2327	-413	-414	9775	1189	9816	2391	13355	49.90
16	3341	168	355	3864	1470	1276	1255	2731	2241	-388	-401	9705	1197	9746	2377	13279	49.89
17	3336	173	422	3931	1468	1399	1219	2711	2456	-332	-362	10111	1230	10154	2338	13679	49.97
18	3236	228	436	3900	1469	1284	1213	2701	2379	-321	-319	9926	1388	9969	2273	13587	49.98
19	3111	487	432	4030	1471	1180	1235	2577	2500	-390	-401	10015	2068	10058	2318	14401	49.98
20	3093	841	432	4366	1614	1013	1204	2885	3228	-409	-478	10967	2288	11010	2368	15623	49.83
21	3066	1202	438	4706	1641	946	1138	2916	3142	-364	-470	11126	2300	11169	2331	15757	49.76
22	3093	763	426	4282	1651	969	1070	2955	3081	-279	-518	10558	2300	10601	2201	15059	49.91
23	3182	590	442	4214	1654	1038	1124	2662	2507	-299	-440	10101	2300	10144	2060	14461	49.93
24	3232	254	434	3920	1650	935	1147	2587	2557	-333	-417	9792	2039	9835	1897	13728	49.84
MUs	79.68	7.59	9.22	96.48	36.09	27.22	29.49	65.02	56.25	-8.45	-8.10	237.50	27.76	238.50	49.26	314.51	50.00

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 09/Jul/2011

Position as on 6.30 Hrs of 10/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
Koradi Unit 7	210	07/07/2011	23:50	09/07/2011	21.18	Boiler Validity Extasion.	
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
Uran Unit B0	120	08/07/2011	09.05	09/07/2011	04.00	Boiler protection operated.	
Uran Unit A0	120	09/07/2011	07.08	09/07/2011	15.36	Excitatt on T/F Problem.	
Parli Unit 4	210	09/07/2011	13.10		Continued.	Low Condenser Vacuum.	
CPP WPCL U-1	135	09/07/2011	19.30	09/07/2011	21.22	Unit Tripped.	
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 09/Jul/2011

Position as on 6.30 Hrs of 10/Jul/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised 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.
Dhule - S'Sarovar- II	07/07/2011	23:05	09/07/2011	06.08	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
Bale-Usmanabad	09/07/2011	07.13	09/07/2011	12.25	Removing & Fixing of Vibration Damper.
BBLSR-A"Nagar II	09/07/2011	09.00	09/07/2011	14.15	Maintenance Work.
Bableswhar-Nasik-I	09/07/2011	12.00	09/07/2011	16.00	Auto Recloser Testing Work.
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	08/07/2011	21.38	09/07/2011	08.30	Over Voltage.
Dhule - Babhaleshwar - I	09/07/2011	00.10	09/07/2011	08.38	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.
Bale-Murud	09/07/2011	07.13	09/07/2011	18.48	Control Loading Parly ICT.
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	19/06/2011	13.45		Continued.	Buchholz Augmentation by 200 MVA.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Jul/2011

Position as on 6.30 Hrs of 10/Jul/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
@ Kalwa					Expected in Sept.2011.
Virur - Gadhchiroli	09/07/2011	19.52	09/07/2011	20.15	Distance Protection Operated Z-I R Ph.
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.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 10/Jul/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	165
Unit 6	210	165
Unit 7	210	160
	620	490
Bhusawal		
Unit 2	210	175
Unit 3	210	0
Unit 4	0	
	420	175
Parli		
Unit 3	210	110
Unit 4	210	0
Unit 5	210	130
Unit 6	250	0
Unit 7	250	0
	1130	240
Chandrapur		
Unit 1	210	140
Unit 2	210	125
Unit 3	210	190
Unit 4	210	175
Unit 5	500	380
Unit 6	500	350
Unit 7	500	0
	2340	1360
Paras		
Unit 3	250	100
Unit 4	250	60
	500	160
Khaparkheda		
Unit 1	210	180
Unit 2	210	180
Unit 3	210	210
Unit 4	210	210
Unit 5	0	
	840	780
Nasik		
Unit 1	120	0
Unit 2	120	0
Unit 3	210	70
Unit 4	210	70
Unit 5	210	75
	870	215
Uran		
All Units	852	440
	852	440
Dabhol		
RGPP	1940	1590
	1940	1590
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	10
BHANDARDRA	45	20
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	240
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	250
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	225
TATA Hydro	444	447
	2024	1602
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3029
	3455	3029