



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

State Load Dispatch Center, Airoli

Daily system Report

for

07/Jul/2011

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	88.840	678.926	1) Madhya Pradesh	43.327	407.124
2) Hydro	6.160	144.777	2) Gujrat	17.201	91.334
3) Gas	11.337	74.715	3) Goa	-5.377	-38.653
Total MSGENCO	106.337	898.418	4) TAPS 1&2 (Inj.)	7.855	52.761
B) OTHERS			5) Pench (Excess)	-0.059	-0.580
1) RGPPL Gas	39.380	270.892	# Total Cent. Sector	62.947	511.986
2) Wind Generation	12.619	86.316	F) Other Exchanges		
3) CPP	30.988	225.384	1) With TPCL (Excess)	-10.275	-84.822
4) PENCH (MS)	0.059	0.580	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	13.135	105.997
1) TPCL Thermal	26.119	172.640	Include PX	0.000	2.351
2) TPCL Hydro	5.272	37.298	2) MUMBAI Bilateral	13.188	95.046
TOTAL TPCL	31.391	209.938	Include PX	-2.345	-9.207
3) REL Thermal	12.445	87.421	3) MUMBAI Schedule	13.188	95.959
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	127.404	938.987	1) MSEDCL	242.055	1908.754
2) Hydro (A2+B3+C2)	11.491	182.655	2) TPCL	36.215	254.556
3) Gas (A3+B1)	50.717	345.607	3) REL	17.893	127.589
4) Wind (B2)	12.619	86.316	TOTAL STATE	296.163	2290.899
5) CPP (B3)	30.988	225.384			
TOTAL STATE	233.219	1778.949			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3742	3620	3681
MSGENCO Hydro	323	796	103
MSGENCO Gas	469	469	475
MSGENCO Total Generation	4534	4885	4259
Central Sector Receipt	2876	3230	2042
RGPPL	1637	1626	1658
WIND	366	723	378
CPP	1225	1238	1411
Exchange with Mumbai	-545	-577	-156
MSEDCL DEMAND MET	10093	11148	9592
Load Shedding (LS)	51	48	51
MSEDCL DEMAND (INCL. LS)	10144	11196	9643
TPCL GENERATION	1690	1335	940
REL GENERATION	523	524	502
TPCL+REL DEMAND	2758	2436	1598
STATE DEMAND MET	12851	13584	11190
Load Management (LM)	1194	2267	277
Total Load Relief (LS+LM)	1245	2315	328
UNRESTRICTED STATE DEMAND	14096	15899	11518
Frequency (Hz)	49.89	49.75	50.08

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 03.03 Hrs	49.4 Hz at 14.17 Hrs	49.88	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/Jul/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.96	25.95	181	140	160
Unit 6	3.72	25.14	174	131	140
Unit 7	4.13	27.97	190	150	160
	11.80	79.06			460
Bhusawal					
Unit 2	3.92	16.26	170	155	170
Unit 3	0.00	15.88	0	0	0
Unit 4	0.00	0.00	0	0	0
	3.92	32.13			170
Parli					
Unit 3	2.27	20.05	135	63	115
Unit 4	2.15	19.75	126	69	75
Unit 5	2.30	18.48	106	86	110
Unit 6	0.00	0.00	0	0	0
Unit 7	1.10	26.43	120	0	85
	7.82	84.71			385
Chandrapur					
Unit 1	3.19	22.99	138	125	140
Unit 2	3.00	21.56	137	109	125
Unit 3	3.71	28.08	180	102	160
Unit 4	3.79	27.95	172	142	160
Unit 5	8.21	64.58	365	315	350
Unit 6	6.34	57.33	330	210	300
Unit 7	0.00	0.00	0	0	0
	28.25	222.50			1235
Paras					
Unit 3	3.82	33.11	179	126	170
Unit 4	4.45	36.46	212	138	180
	8.27	69.56			350
Khaparkheda					
Unit 1	4.22	29.46	190	140	172
Unit 2	4.35	29.72	192	167	187
Unit 3	4.80	32.10	206	184	187
Unit 4	4.73	32.82	205	180	182
Unit 5	0.00	0.00	0	0	0
	18.10	124.10			728
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	3.66	23.04	195	80	142
Unit 4	4.06	20.75	196	145	152
Unit 5	2.96	23.06	158	95	142
	10.68	66.86			436
Uran					
All Units	11.34	74.72	481	462	465
	11.34	74.72			465
Dabhol					
RGPPL	39.38	270.89	1658	1623	1590
	39.38	270.89			1590
Koyna					
Stage 1-2	1.06	37.22	55	35	600
Stage 4	0.00	61.88	0	0	250
Stage 3	0.89	24.24	320	0	320
	1.95	123.35			1170
Kovna 12&4 Total	1.06	99.11			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	1.01	7.18	61	0	60
TILLARI	0.37	2.83	60	0	60
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.43	3.08	83	0	80
RNGR+BHTSA	0.26	1.50	11	11	12
BHANDARDRA	0.48	0.97	20	20	20
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.73	4.27	38	27	9
GHATGHAR	0.93	1.59	250	0	0
	4.21	21.43			241
PENCH (MS)					
Pench (MS)	0.06	0.58	25	0	0
	0.06	0.58			0
Wind					
MalharPeth	0.79	3.08			
Vankuswadi	1.21	6.95			
ATIT	0.69	1.65			
Kale	0.44	2.17			
Satara	1.28	5.22			
Shirala	0.55	2.44			
K Mahankal	0.50	5.78			
Supa	0.06	0.98			
Vita	2.78	12.75			
Dondaicha	2.92	29.58			
Sakri	0.37	3.87			
Nandurbar	0.36	3.05			
Khandke	0.31	4.76			
Khaparale	0.37	4.04			
	12.62	86.32			
CPP					
JSW JAIGAD	17.93	140.06	880	657	805
WARDHA	7.44	47.00	331	284	310
Other CPPs	5.62	38.32			
	30.99	225.38			1115
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.20	65.81	490	430	490
Trombay 6	6.02	42.76	450	150	500
Trombay 7A	2.88	19.53	123	116	120
Trombay 7B	1.57	10.89	67	64	60
Trombay 8	4.46	33.65	230	150	230
TATA Hydro	5.27	37.30	387	0	447
	31.39	209.94			1847
REL					
1&2	12.44	87.42	524	502	500
	12.44	87.42			500
Cent Sect					
Share					3686
					3686

MS PG CL	Thermal	88.84	678.93			3764
	Thml+Gas	100.18	753.64			4229
	Hydro	6.16	144.78			1411
	Total	106.34	898.42			5640
State Total		233.22	1778.95			14378

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/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	3707	114	477	4298	1636	396	1383	3316	2925	-633	-413	10225	1272	10276	1915	13412	49.78
2	3598	103	475	4176	1652	372	1401	3227	2558	-547	-257	9902	1216	9953	1751	12869	49.94
3	3726	98	476	4300	1652	379	1386	3152	2237	-466	-200	9754	359	9805	1666	11779	49.99
4	3681	103	475	4259	1658	378	1411	3113	2042	-424	-156	9592	328	9643	1598	11518	50.08
5	3701	113	474	4288	1654	453	1447	3099	2043	-408	-149	9736	295	9787	1587	11618	49.95
6	3660	98	475	4233	1648	433	1433	3098	2321	-408	-200	9868	286	9919	1639	11793	49.89
7	3805	112	477	4394	1657	469	1436	3038	2472	-346	-212	10216	879	10267	1769	12864	49.98
8	3797	184	472	4453	1653	331	1402	3027	2472	-362	-307	10004	1055	10055	1879	12938	49.94
9	3758	223	473	4454	1639	311	1259	3033	2747	-410	-440	9970	1055	10021	2160	13185	49.78
10	3831	295	474	4600	1638	321	1251	3250	2699	-525	-530	9979	1036	10030	2557	13572	49.80
11	3742	323	469	4534	1637	366	1225	3472	2876	-589	-545	10093	1245	10144	2758	14096	49.89
12	3734	252	470	4456	1633	401	1207	3425	2852	-637	-549	10000	1202	10051	2814	14016	49.90
13	3714	164	477	4355	1638	496	1242	3405	2777	-621	-561	9947	1199	9998	2732	13878	49.94
14	3765	164	474	4403	1638	511	1215	3379	2673	-605	-530	9910	1199	9961	2668	13777	49.85
15	3682	159	466	4307	1623	612	1226	3250	2687	-576	-522	9933	1207	9984	2665	13805	49.70
16	3756	164	462	4382	1633	677	1210	3159	2382	-592	-520	9764	1215	9815	2646	13625	49.89
17	3685	164	465	4314	1630	744	1192	3144	2730	-576	-524	10086	1253	10134	2629	13968	49.77
18	3670	278	462	4410	1645	688	1191	3127	2381	-549	-513	9802	1443	9850	2610	13855	50.05
19	3653	559	463	4675	1642	788	1232	3147	2622	-577	-518	10441	2074	10489	2563	15078	49.98
20	3574	892	471	4937	1634	732	1261	3323	2998	-633	-559	11003	2302	11051	2536	15841	49.79
21	3620	796	469	4885	1626	723	1238	3418	3230	-712	-577	11148	2315	11196	2436	15899	49.75
22	3627	521	481	4629	1631	696	1240	3407	3035	-712	-549	10707	2315	10755	2310	15332	49.79
23	3681	170	479	4330	1646	699	1259	3189	2819	-629	-499	10265	2315	10313	2173	14753	49.82
24	3673	111	481	4265	1637	643	1241	3090	2459	-629	-445	9800	2053	9848	2050	13903	49.78
MUs	88.84	6.16	11.34	106.34	39.38	12.62	30.99	77.29	63.04	-13.16	-10.28	242.14	31.12	243.34	54.11	327.37	49.88

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/Jul/2011

Position as on 6.30 Hrs of 08/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		Continued.	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		Continued.	Boiler Validity Extasion.	10/07/2011
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.	10/07/2011
Cent_Sect NTPC(K-3)	210	07/07/2011	18:30		Continued.	Boiler Tube Leakage.	10/07/2011
Nasik Unit 3	210	08/07/2011	05:05		Continued.	Steam Temp. Low.	09/07/2011

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

Position as on 6.30 Hrs of 08/Jul/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Chakan-Talegaon(PG)	07/07/2011	10:57	07/07/2011	14:05	Y ph line repaire tightning work.
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	00.06	07/07/2011	08:46	Over Voltage.
Dhule - S'Sarovar- II	07/07/2011	23:05		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-S'Sarovar I	05/07/2011	21.01	07/07/2011	17:25	Ready for charging.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220KV 167MVA Spare ICT at Kalwa	04/07/2011	09.05		Continued.	Tand demonstration.
Lonikand - Parli - II	07/07/2011	07:02	07/07/2011	19:14	Relay testing work at Lonikand.
Chandrapur - Parli - III	07/07/2011	08:22	07/07/2011	17:27	Relay testing work and corona ring repla.
400/220KV,315 MVA ICT-I At Lonikand.	07/07/2011	08:31	07/07/2011	17:57	Relay testing work.
New Koyna - Koyna Stage IV - II	07/07/2011	10:39	07/07/2011	14:33	Line taken on TBC, isolator checking work.
400/132KV 200 MVA ICT-II @ Bhusawal	07/07/2011	14:50	07/07/2011	18:52	To attend Air compressor leakage. (ICT LV side is on TBC)
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
Babaleshwar - Bhenda	01/07/2011	10:05	07/07/2011	20:10	Tower Shifting work.
Koradi - Ambazari - II	05/07/2011	10.08		Continued.	Transfer of control from existing C.R.panels to BCRs and SCADA.
Bale-Osmanbad	07/07/2011	07:02	07/07/2011	19:14	Removing and fixing of vibration damper. (Line charge from Osmanbad only.)
Main Bus 132 KV at Nanded	07/07/2011	08:20	07/07/2011	18:35	Conversion of single Bus yo twin Bus.
Karad-Pedambe	07/07/2011	09:15	07/07/2011	15:40	Stringing work between loc. no. 309 and 310.
Jejuri - Parvati	07/07/2011	09:34	07/07/2011	14:11	Corrective action for problem of cross connection of Jumper.
Main Bus - I at Nagothane	07/07/2011	10:14	07/07/2011	15:28	220 KV Isolator alignment work.
220/132KV 200 MVA ICT I at Chalisgaon	07/07/2011	11:38	07/07/2011	12:47	For disconnecting of 132 KV Transfer bus isolator to C.T. Jumper L.V. side.
Main Bus-II At 220 KV BBLSR	07/07/2011	11:52	07/07/2011	20:10	Extension of 220 KV Main Bus - II.
Chinchwad-Urse	07/07/2011	11:56	07/07/2011	17:54	Q.M. work, line taken on TBC.
220/132 KV 200 MVA ICT-II @ Harangul	07/07/2011	13:30	07/07/2011	14:12	To cover prv relay on ICT for protection from rain.
Jejuri-Phursungi	07/07/2011	15:12	07/07/2011	17:16	Relay testing work.
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Chinchwad - Talegaon	07/07/2011	12:45	07/07/2011	15:02	Line Maint. work.

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

Position as on 6.30 Hrs of 08/Jul/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400 / 6.9 KV 80 MVA station T/F at Deepnagar	07/07/2011	12:56	07/07/2011	16:50	Rectification of hanging over problem of diff. relay.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad-Kolhapur-II	04/07/2011	17.15	07/07/2011	12:51	Over Voltage.
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	07/07/2011	22:31		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Bus Coupler @ WPCL	07/06/2011	17.22		Continued.	As being normally kept open.
Bale-Murud	02/07/2011	06:00	07/07/2011	18.32	To Control Parli ICT Loading.
Bale-Osmanbad	02/07/2011	06:00	08/07/2011	00:16	To Control Parli ICT Loading.
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 : 400KV			Outage Type TRIPPED		
Padgha - Babaleshwar - II	07/07/2011	21:06		Continued.	Distance Protection.
Bablsr-Aurangabad	08/07/2011	02:38		Continued.	Trip on high 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).
220/100KV 125 MVA ICT-I @ Kalwa	19/06/2011	13.45		Continued.	Buchholz Augmentation by 200 MVA.Expected in Sept.2011.
Babaleshwar - Nagar - II	05/07/2011	21.56	07/07/2011	11.11	Distance protection.
Dhule - Malegaon	07/07/2011	02.49	07/07/2011	03.10	Distance protection.
Dhule - Malegaon	07/07/2011	02:49	07/07/2011	03:10	Distance Protection operated Zone - I (R ph.)
220/33 KV, 50 MVA T/F - I & II at Wankuswadi	07/07/2011	21:50	07/07/2011	22:25	O. C. Earth Fault.
Voltage Level : 132KV			Outage Type TRIPPED		
Padegaon - Paithan	06/07/2011	20.20		Continued.	Distance protection.
Dondaicha - Sahada	06/07/2011	22.00		Continued.	Distance protection.
Nandurbar - Visarwadi	07/07/2011	04:00	07/07/2011	04:30	Distance Protection operated Zone - I.
Paras - Warwat Bakal	07/07/2011	06:02	07/07/2011	12:55	Distance Protection operated Zone - I.(R ph.)
Nandurbar - Visarwadi	07/07/2011	12:00	07/07/2011	12:05	Backup Protection operated O/C & E/F.
Kawalewada-Gondia-I	07/07/2011	12:34	07/07/2011	12:50	Backup Protection operated O/C & E/F.
Gondia - Amgaon Railway	07/07/2011	12:34	07/07/2011	14:15	Backup Protection operated.
Amravati - Akola	07/07/2011	15:53	07/07/2011	16:02	Distance Protection operated Zone - II(B ph.)
Amravati - Achalpur	07/07/2011	20:02		Continued.	R ph. E/F break down declared, trial failed at 20:20 Hrs.
Pusad - Umarkhed	07/07/2011	22:33	07/07/2011	22:42	Distance Protection operated Zone - I (R ph.)
Voltage Level : 110KV			Outage Type TRIPPED		
Rethre - Borgaon	07/07/2011	09:37	07/07/2011	13:00	Dist. Protn.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 08/Jul/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	170
Unit 6	210	155
Unit 7	210	0
	620	325
Bhusawal		
Unit 2	210	150
Unit 3	210	0
Unit 4	0	
	420	150
Parli		
Unit 3	210	50
Unit 4	210	120
Unit 5	210	110
Unit 6	250	0
Unit 7	250	0
	1130	280
Chandrapur		
Unit 1	210	140
Unit 2	210	130
Unit 3	210	170
Unit 4	210	160
Unit 5	500	400
Unit 6	500	250
Unit 7	500	0
	2340	1250
Paras		
Unit 3	250	160
Unit 4	250	160
	500	320
Khaparkheda		
Unit 1	210	180
Unit 2	210	180
Unit 3	210	200
Unit 4	210	200
Unit 5	0	
	840	760
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	142
Unit 4	210	152
Unit 5	210	142
	870	436
Uran		
All Units	852	310
	852	310
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	11
BHANDARDRA	45	20
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	241
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	805
WARDHA	405	380
Other CPPs	0	
	1005	1185
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	3142
	3455	3142