



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

State Load Dispatch Center, Airoli

Daily system Report

for

08/Jul/2011

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	82.273	761.199	1) Madhya Pradesh	34.977	442.101
2) Hydro	4.918	149.695	2) Gujrat	21.376	112.710
3) Gas	10.075	84.790	3) Goa	-5.619	-44.272
Total MSGENCO	97.266	995.684	4)TAPS 1&2 (Inj.)	7.896	60.657
B) OTHERS			5)Pench (Excess)	-0.070	-0.650
1) RGPPL Gas	38.972	309.864	# Total Cent. Sector	58.560	570.546
2) Wind Generation	19.156	105.472	F) Other Exchanges		
3) CPP	30.849	256.233	1) With TPCL (Excess)	-8.775	-93.597
4) PENCH (MS)	0.070	0.650	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	11.544	117.541
1) TPCL Thermal	25.208	197.848	Include PX	0.000	2.351
2) TPCL Hydro	5.025	42.323	2) MUMBAI Bilateral	10.958	105.979
TOTAL TPCL	30.233	240.171	Include PX	-3.860	-13.066
3) REL Thermal	12.578	99.999	3) MUMBAI Schedule	10.958	106.891
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	120.059	1059.046	1) MSEDCL	236.098	2144.852
2) Hydro (A2+B3+C2)	10.013	192.668	2) TPCL	34.621	289.177
3) Gas (A3+B1)	49.047	394.654	3) REL	16.964	144.553
4) Wind (B2)	19.156	105.472	TOTAL STATE	287.683	2578.582
5) CPP (B3)	30.849	256.233			
TOTAL STATE	229.124	2008.073			

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	3361	3553	3442
MSGENCO Hydro	322	404	102
MSGENCO Gas	397	393	467
MSGENCO Total Generation	4080	4350	4011
Central Sector Receipt	2641	3240	2049
RGPPL	1654	1615	1640
WIND	752	884	550
CPP	1313	1288	1297
Exchange with Mumbai	-494	-523	-152
MSEDCL DEMAND MET	9946	10861	9395
Load Shedding (LS)	45	47	45
MSEDCL DEMAND (INCL. LS)	9991	10908	9440
TPCL GENERATION	1450	1398	863
REL GENERATION	524	524	522
TPCL+REL DEMAND	2468	2445	1537
STATE DEMAND MET	12414	13306	10932
Load Management (LM)	1276	2353	1089
Total Load Relief (LS+LM)	1321	2400	1134
UNRESTRICTED STATE DEMAND	13735	15706	12066
Frequency (Hz)	49.97	49.89	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.29 Hz at 10.00 Hrs	49.49 Hz at 14.17 Hrs	49.97	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 08/Jul/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.96	29.92	179	146	170
Unit 6	4.09	29.23	181	158	155
Unit 7	0.00	27.97	0	0	0
	8.05	87.12			325
Bhusawal					
Unit 2	4.00	20.26	175	150	150
Unit 3	0.00	15.88	0	0	0
Unit 4	0.00	0.00	0	0	
	4.00	36.14			150
Parli					
Unit 3	1.96	22.01	115	40	50
Unit 4	2.44	22.19	123	63	120
Unit 5	2.62	21.11	123	89	110
Unit 6	0.00	0.00	0	0	0
Unit 7	0.00	26.43	0	0	0
	7.03	91.74			280
Chandrapur					
Unit 1	3.02	26.01	134	120	140
Unit 2	3.09	24.65	140	115	130
Unit 3	4.08	32.16	185	147	170
Unit 4	3.99	31.94	179	136	160
Unit 5	8.96	73.54	430	320	400
Unit 6	7.34	64.67	400	235	250
Unit 7	0.00	0.00	0	0	0
	30.48	252.98			1250
Paras					
Unit 3	3.08	36.18	178	87	160
Unit 4	2.72	39.17	190	50	160
	5.80	75.36			320
Khaparkheda					
Unit 1	4.42	33.88	205	175	180
Unit 2	4.41	34.13	194	177	180
Unit 3	4.94	37.04	210	203	200
Unit 4	4.74	37.56	208	165	200
Unit 5	0.00	0.00	0	0	
	18.50	142.61			760
Nasik					
Unit 1	0.00	0.00	0	0	
Unit 2	0.00	0.00	0	0	
Unit 3	1.34	24.38	145	0	142
Unit 4	4.13	24.87	186	152	152
Unit 5	2.94	26.01	182	84	142
	8.41	75.27			436
Uran					
All Units	10.08	84.79	483	386	310
	10.08	84.79			310
Dabhol					
RGPPL	38.97	309.86	1658	1465	1570
	38.97	309.86			1570
Koyna					
Stage 1-2	1.06	38.28	90	30	530
Stage 4	0.00	61.88	0	0	250
Stage 3	0.39	24.63	80	0	320
	1.45	124.80			1100
Kovna 12&4 Total	1.06	100.17			780

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	1.06	8.23	61	0	60
TILLARI	0.37	3.20	60	0	60
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.48	3.56	82	0	80
RNGR+BHTSA	0.26	1.76	11	11	11
BHANDARDRA	0.48	1.45	20	20	20
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.82	5.10	42	31	10
GHATGHAR	0.00	1.59	0	0	0
	3.47	24.89			241
PENCH (MS)					
Pench (MS)	0.07	0.65	24	0	
	0.07	0.65			
Wind					
MalharPeth	1.12	4.20			
Vankuswadi	2.20	9.15			
ATIT	1.17	2.82			
Kale	0.70	2.87			
Satara	2.16	7.38			
Shirala	0.95	3.39			
K Mahankal	0.75	6.53			
Supa	0.45	1.43			
Vita	3.99	16.74			
Dondaicha	2.81	32.39			
Sakri	0.39	4.27			
Nandurbar	0.32	3.36			
Khandke	1.38	6.14			
Khaparale	0.77	4.81			
	19.16	105.47			
CPP					
JSW JAIGAD	16.81	156.88	711	690	805
WARDHA	8.80	55.80	383	322	380
Other CPPs	5.24	43.56			
	30.85	256.23			1185
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.96	76.78	490	375	490
Trombay 6	5.76	48.52	440	150	500
Trombay 7A	2.92	22.46	123	120	120
Trombay 7B	1.58	12.47	67	65	60
Trombay 8	3.98	37.63	200	145	230
TATA Hydro	5.02	42.32	387	0	447
	30.23	240.17			1847
REL					
1&2	12.58	100.00	525	522	500
	12.58	100.00			500
Cent Sect					
Share					3142
					3142

MS PG CL	Thermal	82.27	761.20			3521
	Thml+Gas	92.35	845.99			3831
	Hydro	4.92	149.70			1341
	Total	97.27	995.68			5172
State Total		229.12	2008.07			13416

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/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	3480	102	483	4065	1642	656	1286	2912	2188	-494	-311	9526	1651	9571	1812	12989	49.94
2	3482	92	475	4049	1637	669	1280	2708	2221	-382	-198	9658	1546	9703	1660	12864	49.93
3	3438	112	472	4022	1636	612	1291	2658	2150	-329	-154	9557	1135	9602	1585	12277	49.95
4	3442	102	467	4011	1640	550	1297	2628	2049	-296	-152	9395	1134	9440	1537	12066	50.02
5	3412	102	458	3972	1636	534	1283	2613	2265	-280	-135	9555	1166	9600	1522	12243	49.94
6	3266	117	452	3835	1633	677	1287	2623	2735	-291	-224	9943	1303	9988	1610	12856	49.93
7	3291	132	443	3866	1645	673	1280	2688	2812	-361	-277	9999	1314	10044	1710	13023	50.00
8	3447	191	435	4073	1658	671	1310	2743	2887	-420	-358	10241	1314	10286	1855	13410	50.01
9	3361	211	437	4009	1649	642	1312	2807	3031	-462	-417	10226	1314	10271	2106	13646	49.90
10	3361	322	397	4080	1654	752	1313	3018	2641	-478	-494	9946	1321	9991	2468	13735	49.97
11	3417	364	390	4171	1645	763	1289	3253	2384	-547	-426	9826	1267	9871	2610	13703	49.99
12	3383	322	398	4103	1647	802	1313	3302	2338	-585	-438	9765	1229	9810	2643	13637	49.98
13	3308	158	399	3865	1648	881	1308	3267	2357	-558	-450	9609	1222	9654	2595	13426	50.01
14	3296	163	386	3845	1641	884	1283	3144	2090	-490	-408	9335	1222	9380	2494	13051	49.96
15	3341	168	400	3909	1626	777	1261	3067	2055	-460	-414	9214	1227	9259	2511	12952	49.77
16	3372	163	403	3938	1643	887	1255	2970	2075	-471	-414	9384	1242	9429	2515	13141	50.01
17	3417	169	397	3983	1639	961	1240	2959	1970	-456	-447	9346	1283	9393	2506	13135	49.98
18	3536	195	398	4129	1631	1026	1229	2944	1979	-430	-401	9593	1441	9640	2465	13499	50.08
19	3474	304	399	4177	1620	916	1271	3023	2654	-486	-412	10226	2183	10273	2416	14825	49.97
20	3553	404	393	4350	1615	884	1288	3151	3240	-524	-523	10861	2400	10908	2445	15706	49.89
21	3592	365	399	4356	1618	945	1295	3232	3153	-589	-500	10890	2412	10937	2358	15660	49.97
22	3547	249	402	4198	1624	993	1296	3221	2811	-589	-489	10457	2412	10504	2213	15082	50.08
23	3540	248	391	4179	1480	960	1302	3003	2414	-506	-415	9936	2412	9983	2058	14406	50.00
24	3517	163	401	4081	1465	1041	1280	2868	2061	-474	-318	9610	2164	9657	1892	13666	49.89
MUs	82.27	4.92	10.08	97.27	38.97	19.16	30.85	70.80	58.56	-10.96	-8.78	236.10	37.31	237.19	51.59	325.00	49.97

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/Jul/2011

Position as on 6.30 Hrs of 09/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	08/07/2011	17.45	Steam Temp. Low.	
Uran Unit B0	120	08/07/2011	09.05	09/07/2011	04.00	Boiler protection operated.	

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

Position as on 6.30 Hrs of 09/Jul/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Tarapur - Boiser	08/07/2011	15.53	08/07/2011	16.13	Attending D C Leakage.
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.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Sar'Sarovar - I	05/07/2011	21.01	08/07/2011	08.57	Distance Protection.
Wardha - Akola - II	09/07/2011	00.03		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220KV 315MVA ICT-II @ Aurangabad.	08/07/2011	11.01	08/07/2011	17.07	Q.M.Work.
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
Koradi - Ambazari - II	05/07/2011	10.00	08/07/2011	17.38	Transfer of the Control from Existing C R Panels to BCR's & Scada.
Usmanabad --Bale	08/07/2011	07.02	08/07/2011	18.24	Providing & Fixingof Vibration Dampers for Line from Loc no.47-153.
220/132 KV 200 MVA ICT - I @ Nanded	08/07/2011	10.40	08/07/2011	16.30	Jumpering Work.
Padgha-Jambhul	08/07/2011	12.15	08/07/2011	17.01	Distance Relay Testing Work.
Boisor - Dahanu	08/07/2011	13.16	08/07/2011	13.39	D C Leakage.
Boisor-Versova	08/07/2011	13.44	08/07/2011	14.25	Attending D C Leakage.
220/100 KV 200 MVA ICT - IV @ Apta	08/07/2011	15.00	08/07/2011	19.26	PDR Relay Testing.
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	07/07/2011	22:31	08/07/2011	07.50	Over Voltage.
Dhule - Babhaleshwar - I	09/07/2011	00.10		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-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.
Bale-Murud	08/07/2011	07.02	08/07/2011	21.44	Parly ICT Loading Control.
Voltage Level : 400KV			Outage Type TRIPPED		
Padgha - Babaleshwar - II	07/07/2011	21:06	08/07/2011	12.19	Distance Protection.
Bablswr-Aurangabad	08/07/2011	02:38	08/07/2011	18.30	Trip on high voltage.
Voltage Level : 220KV			Outage Type TRIPPED		

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

Position as on 6.30 Hrs of 09/Jul/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
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.
Virur - Gadhchiroli	08/07/2011	01.48	08/07/2011	02.20	Distance Protection Operated Z-I Rh.
Boiser-PGCIL-I	08/07/2011	11.21	08/07/2011	11.34	Without Indication.
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.
Amravati - Achalpur	07/07/2011	20:02	08/07/2011	13.15	R ph. E/F break down declared, trial failed at 20:20 Hrs.
Pusad - Umarkhed	08/07/2011	01.55	08/07/2011	02.11	Distance Protection Operated Z-I R Ph.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 09/Jul/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	170
Unit 6	210	170
Unit 7	210	0
	620	340
Bhusawal		
Unit 2	210	170
Unit 3	210	0
Unit 4	0	
	420	170
Parli		
Unit 3	210	120
Unit 4	210	105
Unit 5	210	115
Unit 6	250	0
Unit 7	250	0
	1130	340
Chandrapur		
Unit 1	210	130
Unit 2	210	125
Unit 3	210	180
Unit 4	210	180
Unit 5	500	350
Unit 6	500	325
Unit 7	500	0
	2340	1290
Paras		
Unit 3	250	125
Unit 4	250	100
	500	225
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	140
Unit 4	210	180
Unit 5	210	140
	870	460
Uran		
All Units	852	430
	852	430
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	10
BHANDARDRA	45	20
ELDARY	23	0
SMLHY PTN	12	11
GHATGHAR	250	
	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	635
WARDHA	405	380
Other CPPs	0	
	1005	1015
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	150
TATA Hydro	444	447
	2024	1767
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3302
	3455	3302