



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

State Load Dispatch Center, Airoli

Daily system Report

for

07/May/2011

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	121.973	816.038	1) Madhya Pradesh	67.114	446.323
2) Hydro	7.933	99.470	2) Gujrat	23.029	183.595
3) Gas	15.490	107.481	3) Goa	-6.475	-46.663
Total MSGENCO	145.396	1022.989	4) TAPS 1&2 (Inj.)	7.863	47.469
B) OTHERS			5) Pench (Excess)	-0.138	-0.985
1) RGPPL Gas	33.476	231.647	# Total Cent. Sector	91.393	629.739
2) Wind Generation	14.114	80.874	F) Other Exchanges		
3) CPP	27.156	175.058	1) With TPCL (Excess)	-11.398	-82.094
4) PENCH (MS)	0.138	0.985	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	15.842	95.755
1) TPCL Thermal	27.024	194.672	Include PX	0.000	0.000
2) TPCL Hydro	3.098	21.863	2) MUMBAI Bilateral	12.600	89.391
TOTAL TPCL	30.122	216.535	Include PX	-0.469	-2.190
3) REL Thermal	12.487	87.453	3) MUMBAI Schedule	12.600	89.391
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	161.484	1098.163	1) MSEDCL	300.275	2059.198
2) Hydro (A2+B3+C2)	11.169	122.318	2) TPCL	35.423	254.764
3) Gas (A3+B1)	48.966	339.128	3) REL	18.578	131.295
4) Wind (B2)	14.114	80.874	TOTAL STATE	354.276	2445.257
5) CPP (B3)	27.156	175.058			
TOTAL STATE	262.889	1815.541			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	5058	5295	4805
MSGENCO Hydro	473	267	156
MSGENCO Gas	630	647	655
MSGENCO Total Generation	6161	6209	5616
Central Sector Receipt	4561	3761	2990
RGPPL	1403	1388	1364
WIND	357	834	773
CPP	1141	1152	1085
Exchange with Mumbai	-623	-594	-203
MSEDCL DEMAND MET	13023	12750	11625
Load Shedding (LS)	157	49	11
MSEDCL DEMAND (INCL. LS)	13180	12799	11636
TPCL GENERATION	1540	1369	1038
REL GENERATION	522	501	524
TPCL+REL DEMAND	2685	2464	1765
STATE DEMAND MET	15708	15214	13390
Load Management (LM)	2230	3574	1548
Total Load Relief (LS+LM)	2387	3623	1559
UNRESTRICTED STATE DEMAND	18095	18837	14949
Frequency (Hz)	49.87	49.82	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.37 Hz at 17.48 Hrs	49.5 Hz at 21.18 Hrs	49.93	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/May/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.14	28.81	188	155	180
Unit 6	4.63	31.63	200	180	200
Unit 7	4.53	30.99	195	175	190
	13.30	91.43			570
Bhusawal					
Unit 2	4.05	20.69	180	155	180
Unit 3	4.17	23.89	185	140	190
Unit 4		0.00	0	0	
	8.22	44.58			370
Parli					
Unit 3	3.95	25.04	183	134	160
Unit 4	4.01	17.52	186	126	150
Unit 5	3.69	22.14	165	137	150
Unit 6	4.39	19.43	241	0	0
Unit 7	5.47	34.02	240	180	200
	21.51	118.14			660
Chandrapur					
Unit 1	3.77	25.69	165	139	160
Unit 2	0.00	13.59	0	0	0
Unit 3	3.64	28.20	200	68	150
Unit 4	3.62	27.11	192	100	150
Unit 5	8.86	69.51	395	340	370
Unit 6	9.61	62.02	415	379	410
Unit 7	9.78	70.76	430	385	440
	39.27	296.87			1680
Paras					
Unit 3	4.83	21.49	230	100	210
Unit 4	2.97	28.88	224	102	120
	7.80	50.38			330
Khaparkheda					
Unit 1	4.65	31.44	205	180	200
Unit 2	4.41	31.30	205	147	200
Unit 3	0.00	0.00	0	0	0
Unit 4	5.27	36.71	222	204	210
Unit 5		0.00	0	0	
	14.32	99.44			610
Nasik					
Unit 1	2.09	12.05	95	75	81
Unit 2	2.05	13.58	97	49	81
Unit 3	4.46	30.74	195	180	172
Unit 4	4.40	28.96	210	159	152
Unit 5	4.56	29.88	204	178	182
	17.55	115.20			668
Uran					
All Units	15.49	107.48	662	630	620
	15.49	107.48			620
Dabhol					
RGPPL	33.48	231.65	1424	1362	1350
	33.48	231.65			1350
Koyna					
Stage 1-2	1.76	24.58	410	30	600
Stage 4	1.23	39.21	335	0	250
Stage 3	0.89	14.22	192	0	240
	3.88	78.01			1090
Kovna 12&4 Total	2.98	63.79			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.58	1.99	35	18	18
VTRNA	0.00	0.00	0	0	0
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.36	1.49	15	15	25
BHIRA T.R.	0.14	1.06	63	0	80
RNGR+BHTSA	0.32	2.27	14	13	15
BHANDARDRA	0.80	5.32	34	33	0
ELDARY	0.07	0.07	19	0	0
SMLHY PTN	0.83	5.81	42	32	18
GHATGHAR	0.96	3.45	179	0	0
	4.06	21.46			156
PENCH (MS)					
Pench (MS)	0.14	0.98	26	0	
	0.14	0.98			
Wind					
MalharPeth	0.47	1.92			
Vankuswadi	1.21	5.08			
ATIT	0.19	0.75			
Kale	0.34	1.90			
Satara	0.43	3.45			
Shirala	0.50	1.92			
K Mahankal	1.34	3.64			
Supa	0.12	0.64			
Vita	1.60	8.23			
Dondaicha	5.06	35.84			
Sakri	0.76	5.44			
Nandurbar	0.68	4.22			
Khandke	0.68	4.10			
Khaparale	0.73	3.74			
	14.11	80.87			
CPP					
JSW JAIGAD	12.48	79.74	524	490	485
WARDHA	9.49	57.19	422	345	330
Other CPPs	5.18	38.14			
	27.16	175.06			815
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.44	80.14	490	400	500
Trombay 6	5.34	44.10	320	150	500
Trombay 7A	2.89	20.17	123	118	120
Trombay 7B	1.58	11.08	67	65	60
Trombay 8	5.76	39.19	250	160	250
TATA Hydro	3.10	21.86	326	0	447
	30.12	216.54			1877
REL					
1&2	12.49	87.45	524	501	500
	12.49	87.45			500
Cent Sect					
Share					3521
					3521

MS PG CL	Thermal	121.97	816.04		4888
	Thml+Gas	137.46	923.52		5508
	Hydro	7.93	99.47		1246
	Total	145.40	1022.99		6754
State Total		262.89	1815.54		14817

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/May/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	4886	161	650	5697	1362	710	1124	3258	3604	-580	-534	11965	2110	11965	2142	16217	49.86
2	4849	156	653	5658	1363	843	1098	3034	3438	-361	-365	12035	1972	12035	1955	15962	49.94
3	4924	151	662	5737	1363	757	1135	2918	3333	-262	-270	12055	1456	12066	1831	15342	50.06
4	4805	156	655	5616	1364	773	1085	2895	2990	-236	-203	11625	1559	11636	1765	14949	50.02
5	4838	156	655	5649	1390	779	1095	2894	3226	-216	-154	11985	1679	11996	1715	15379	50.03
6	4904	162	657	5723	1406	759	1100	2894	3609	-206	-190	12407	1928	12490	1746	16081	49.97
7	5035	157	657	5849	1415	611	1124	3287	3558	-373	-308	12249	2254	12443	1739	16242	50.04
8	5070	189	658	5917	1418	659	1090	3287	3737	-383	-317	12504	2154	12598	1781	16439	50.02
9	5058	312	648	6018	1421	444	1138	3297	3745	-423	-357	12409	2247	12596	1982	16638	49.91
10	5040	277	646	5963	1424	485	1144	3522	3897	-514	-509	12404	2306	12579	2315	17025	50.00
11	5005	216	640	5861	1423	455	1121	3832	4667	-671	-590	12949	2389	13043	2595	17933	49.91
12	5058	473	630	6161	1403	357	1141	3832	4561	-706	-623	13023	2387	13180	2685	18095	49.87
13	5085	699	630	6414	1394	282	1143	3796	4461	-683	-615	13099	2379	13253	2705	18183	49.95
14	5112	621	630	6363	1395	295	1154	3757	4526	-656	-581	13152	2379	13306	2586	18117	49.89
15	5138	965	630	6733	1396	291	1150	3637	4242	-656	-610	13202	2202	13358	2612	18016	49.76
16	5136	1181	632	6949	1400	355	1152	3548	3961	-667	-616	13201	2138	13365	2634	17973	49.91
17	5206	491	637	6334	1401	395	1145	3549	4838	-667	-604	13509	2182	13747	2583	18274	50.01
18	5208	186	646	6040	1399	533	1119	3546	3914	-608	-515	12490	2448	12671	2519	17457	50.14
19	5233	185	648	6066	1392	714	1103	3359	3190	-617	-517	11948	3347	12015	2422	17717	50.00
20	5295	267	647	6209	1388	834	1152	3344	3761	-639	-594	12750	3623	12799	2464	18837	49.82
21	5285	203	644	6132	1390	760	1160	3494	3676	-672	-612	12524	3624	12561	2445	18593	49.82
22	5308	193	646	6147	1390	715	1167	3528	3723	-672	-625	12543	3611	12567	2349	18503	49.82
23	5319	188	643	6150	1389	655	1161	3331	3363	-580	-540	12202	3598	12213	2236	18036	49.79
24	5206	188	646	6040	1390	653	1155	3195	3375	-553	-549	12077	3182	12077	2201	17460	49.75
MUs	122.00	7.93	15.49	145.43	33.48	14.11	27.16	81.03	91.40	-12.60	-11.40	300.31	59.15	302.56	54.01	413.47	49.93

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/May/2011

Position as on 6.30 Hrs of 08/May/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Dabhol 1B	230	15/03/2011	02.37		Continued.	Upgradation Work.	10/05/2011
Khaparkheda Unit 3	210	25/04/2011	02.51		Continued.	Annual overhaul.	25/05/2011
Cent_Sect Kawas GT1A	106	05/05/2011	09.00		Continued.	Inspection Work.	11/05/2011
Cent_Sect NTPC (V-1)	210	07/05/2011	00.46		Continued.	A/OH	19/06/2011
FORCED OUTAGE							
Koyna Unit 11	80	01/05/2011	07.00	08/05/2011	14.55	Rotor E/F	
Chandrapur Unit 2	210	04/05/2011	16.19	08/05/2011	02.49	Boiler Tube Leakage.	
Parli Unit 6	250	07/05/2011	03.09	07/05/2011	06.14	Furnace pressure high.	
Koyna Unit 5	80	08/05/2011	06.25	08/05/2011	17.30	Bus-Section II Outage at Pophali.	
Koyna Unit 8	80	08/05/2011	07.05	08/05/2011	18.00	Bus-Section II Outage at Pophali.	
Koyna Unit 6	75	08/05/2011	07.15	08/05/2011	17.15	Bus-Section II Outage at Pophali.	
Koyna Unit 7	80	08/05/2011	07.45	08/05/2011	17.50	Bus-Section II Outage at Pophali.	
Bhusawal Unit 2	210	08/05/2011	10.19		Continued.	BLR T/L.	10/05/2011
Koyna ST - IV 3	250	08/05/2011	16.45	08/05/2011	19.12	Tripped on automation fail	

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

Position as on 6.30 Hrs of 08/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Pench-Mansar	08/04/2011	10.35	07/05/2011	10.30	Replacement of Relay & Control Pannel.up to 05.05.2011.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Chandrapur - Bhadravati - III	08/05/2011	06.28	08/05/2011	11.43	Replacement of B-Ph and Y-Ph PG II Hanger.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-S'Sarovar I	04/05/2011	22.27	08/05/2011	07.48	Over Voltage.
Dhule-Sar'Sarovar - II	08/05/2011	04.05		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Tillary-Amona	08/05/2011	15.53	08/05/2011	17.57	Due to tripping of Talangde-Mumewadi.
Halkarni-Amona I	08/05/2011	15.53	08/05/2011	17.38	Due to tripping of Talangde-Mumewadi.
Voltage Level : 132KV			Outage Type TRIPPED		
Pench-Mansar	07/05/2011	10.40	07/05/2011	10.55	Distance Protection.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Bablsr-Padgha Ckt I	07/05/2011	08.38	07/05/2011	21.10	E/W replacement work.
C'pur-Parli II	08/05/2011	06.28	08/05/2011	11.43	On TBC at C'pur end for hot line work.
Bablsr-Padgha Ckt I	08/05/2011	09.04	08/05/2011	21.58	Insulator replacement work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
KDPH-Wankuswadi	03/05/2011	11.45		Continued.	Y ph.LA replacement work at Vankushwadi.Up to 08.05.2011.
Bus Coupler @ WPCL	04/05/2011	14.32		Continued.	For Separation of Buses for Safety by WPCL.
Kharghar-Nerul	06/05/2011	09.32		Continued.	Dismantling and erection of towers between Loc. 11 A to 16 up to 04.06.2011
Khaperkheda - Ambazari - II	07/05/2011	06.58	07/05/2011	14.07	Tan delta measurement.
220/132 KV 150 MVA ICT-II @ Nasik	07/05/2011	08.01	07/05/2011	14.42	Tan delta measurement.
Hinjawadi-I - Hinjawadi-II	07/05/2011	08.30	07/05/2011	15.31	Replacement of conductor.
Apta-Uran-III	07/05/2011	09.13	07/05/2011	16.30	Bay maintenance work.
Borivali (MSEB)- Borivali (T)	08/05/2011	06.37	08/05/2011	10.56	To attend hot spot.
Pedambe - Pophali - II	08/05/2011	06.40	08/05/2011	17.00	Pophali Bus-Section II outage.
Pophali-New Koyna	08/05/2011	06.47	08/05/2011	17.22	Pophali Bus-Section II outage.
Karad-Pophali	08/05/2011	07.20	08/05/2011	17.32	Pophali Bus-Section II outage.
Trombay - Tata Tie - I	08/05/2011	07.50	08/05/2011	19.25	Insulator replacement,CVT testing.
Bus Section -II @ Pophali	08/05/2011	08.00	08/05/2011	17.00	To attend broken conductor strands.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Chalisgaon - Dhule	07/05/2011	08.30	07/05/2011	12.28	Tan delta measurement.
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Borivali - Borivali- I	08/05/2011	12.06	08/05/2011	19.40	To attend hot spot.

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

Position as on 6.30 Hrs of 08/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220KV 105MVA Spare ICT @ Parly-II	22/04/2011	13.50		Continued.	To remove trip coil assembly for bus coupler.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	06/05/2011	20.57	07/05/2011	10.30	Over Voltage.
Bhusawal- Aurangabad	07/05/2011	18.47		Continued.	Over voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chandrapur-Warora - I	27/04/2011	15.35		Continued.	To Control WRR-WRD & WRR-HGHAT Loading.
Dhule-Chalisgaon	29/04/2011	13.19		Continued.	To control Dhule ICT loading.
Khaperkheda - Wardha.	02/05/2011	19.15		Continued.	To control Koradi ICT loading.
Ambazari - Abhijeet	02/05/2011	19.52		Continued.	To control Koradi ICT loading.
Hingoli-Pusad	05/05/2011	12.10		Continued.	To Control Wordha-Ytl Line Loading.
Wardha-Abhijeet II	05/05/2011	16.51		Continued.	To Control Koradi ICT Load.
Aurangabad - Babaleshwar	07/05/2011	07.32		Continued.	To control A'bad ICT loading.
Aurangabad - Bhenda	07/05/2011	07.56		Continued.	To control A'bad ICT loading.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV,500 MVA ICT-III At A'bad.	05/05/2011	10.29		Continued.	Y Ph L V Side Bushing Burst.
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).
220/110KV 200MVA ICT-II at Mudshingi	10/04/2011	18.10		Continued.	Differential Protection, Defective B Phase LA replaced(Kept on Humming at 16.30Hrs on 18/4/11)
Bale-Lamboti II	08/05/2011	01.44	08/05/2011	10.47	Distance Protection,R-Ph.
Talangade - Mumewadi	08/05/2011	15.53	08/05/2011	17.19	Distance protection.
Mumewadi-Mudshingi	08/05/2011	15.53	08/05/2011	16.55	Due to tripping of Talangde-Mumewadi.
Mumwadi - Halkarni - II	08/05/2011	15.53	08/05/2011	17.28	Due to tripping of Talangde-Mumewadi.
Halkarni -Tillary	08/05/2011	15.53	08/05/2011	17.37	Due to tripping of Talangde-Mumewadi.
Mumewadi - Halkarni	08/05/2011	15.53	08/05/2011	17.27	Due to tripping of Talangde-Mumewadi.
Voltage Level : 132KV			Outage Type TRIPPED		
Khapri - Besa	06/05/2011	15.16	07/05/2011	09.45	Due to conductor snapped.
Solapur - Naldurg	07/05/2011	06.41	07/05/2011	17.15	Distance protection,R-Ph,Z-I.
Voltage Level : 100KV			Outage Type TRIPPED		
Kalwa-Kalyan	07/05/2011	08.10	07/05/2011	08.18	Dist.protection,B-Ph.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 08/May/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	160
Unit 6	210	160
Unit 7	210	170
	620	490
Bhusawal		
Unit 2	210	170
Unit 3	210	180
Unit 4	0	
	420	350
Parli		
Unit 3	210	175
Unit 4	210	160
Unit 5	210	150
Unit 6	250	210
Unit 7	250	220
	1130	915
Chandrapur		
Unit 1	210	165
Unit 2	210	50
Unit 3	210	195
Unit 4	210	180
Unit 5	500	400
Unit 6	500	400
Unit 7	500	430
	2340	1820
Paras		
Unit 3	250	200
Unit 4	250	200
	500	400
Khaparkheda		
Unit 1	210	200
Unit 2	210	180
Unit 3	210	0
Unit 4	210	210
Unit 5	0	
	840	590
Nasik		
Unit 1	120	87
Unit 2	120	89
Unit 3	210	183
Unit 4	210	190
Unit 5	210	184
	870	733
Uran		
All Units	852	620
	852	620
Dabhol		
RGPP	1940	1350
	1940	1350
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		
KDPH	40	35

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	0
TILLARI	60	0
BHTGR/VEER	21	25
BHIRA T.R.	80	63
RNGR+BHTSA	20	15
BHANDARDRA	45	34
ELDARY	23	0
SMLHY PTN	12	20
GHATGHAR	250	0
	611	192
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	485
WARDHA	405	365
Other CPPs	0	
	1005	850
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3530
	3455	3530