



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

State Load Dispatch Center, Airoli

Daily system Report

for

08/May/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 08/May/2012 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	133.498	1014.675	1) Gujrat	1.864	8.568
2) Hydro	15.770	96.670	2) Madhya Pradesh	18.639	138.887
3) Gas	11.069	89.451	3) Chattisgarh	10.850	85.510
Total MSGENCO	160.337	1200.796	4) Maharashtra	59.471	475.274
B) OTHERS			5) Goa	-7.190	-52.240
1) JSW JAIGAD	26.549	216.061	6) TAPS 1&2 Injection	7.689	61.891
2) WPCL	10.396	73.404	7) RGPPL Injection	19.660	173.356
3) Other CPP / IPP	9.293	76.407	8) Pench (Excess)	-0.285	-0.981
4) Wind Generation	6.677	108.156	# Total Cent. Sector	110.698	890.265
5) PENCH (MS)	0.285	0.981	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-13.901	-106.486
1) TPCL Thermal	27.967	211.434	G) Bilateral Power *		
2) TPCL Hydro	4.828	29.748	1) MSEDCL Bilateral	39.551	312.228
TOTAL TPCL	32.795	241.182	Include PX	0.000	0.000
3) REL Thermal	12.582	100.552	2) MUMBAI Bilateral	14.575	108.923
D) STATE			Include PX	2.100	17.691
1) Thermal (A1+C1+C3)	174.047	1326.661	3) MUMBAI Schedule	14.575	108.923
2) Hydro (A2+B5+C2)	20.883	127.399	H) ENERGY CATERED (MUs)		
3) Gas (A3)	11.069	89.451	1) MSEDCL	310.334	2459.584
4) Wind (B4)	6.677	108.156	2) TPCL	39.260	296.915
5) CPP (B1+B2+B3)	46.238	365.872	3) REL	20.015	151.281
TOTAL STATE	258.914	2017.539	TOTAL STATE	369.609	2907.780

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	5542	5449	5608
MSGENCO Hydro	1383	1200	167
MSGENCO Gas	468	453	474
MSGENCO Total Generation	7393	7102	6249
Central Sector Receipt	4840	4679	4584
WIND	33	423	264
CPP / IPP	1934	1934	1928
Exchange with Mumbai	-669	-943	-365
MSEDCL DEMAND MET	13531	13210	12660
Load Shedding	855	724	266
MSEDCL DEMAND	14386	13934	12926
TPCL GENERATION	1759	1458	898
R-INFRA GENERATION	525	525	525
TPCL+R-INFRA DEMAND	2953	2926	1788
STATE DEMAND MET	16484	16136	14448
STATE DEMAND	17339	16860	14714
Frequency (Hz)	49.78	49.82	49.85

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 09.02 Hrs	49.2 Hz at 22.07 Hrs	49.82	.08 % 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/May/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.22	25.44	155	125	130
Unit 6	3.04	22.68	138	113	125
Unit 7	3.31	27.93	170	120	160
Total	9.57	76.05			415
Bhusawal					
Unit 2	4.08	29.66	180	160	175
Unit 3	4.25	31.68	185	170	170
Unit 4	3.06	25.20	155	100	
Unit 5	0.00	0.00	0	0	
Total	11.39	86.53			345
Parli					
Unit 3	4.51	36.17	206	149	190
Unit 4	3.95	29.67	186	135	165
Unit 5	3.98	33.07	180	143	180
Unit 6	5.08	28.55	246	185	201
Unit 7	4.89	24.66	225	184	220
Total	22.40	152.12			956
Chandrapur					
Unit 1	3.77	29.18	163	153	165
Unit 2	3.87	29.09	166	153	165
Unit 3	4.45	35.36	190	182	190
Unit 4	4.52	33.88	200	160	200
Unit 5	11.19	87.26	475	455	470
Unit 6	10.34	80.77	450	405	430
Unit 7	9.99	80.78	443	365	450
Total	48.14	376.32			2070
Paras					
Unit 3	5.91	34.66	261	231	250
Unit 4	0.00	0.59	0	0	0
Total	5.91	35.25			250
Khaparkheda					
Unit 1	4.16	33.86	185	135	180
Unit 2	4.01	34.02	186	125	180
Unit 3	4.38	35.10	195	172	180
Unit 4	4.38	34.82	193	171	180
Unit 5	4.96	46.78	259	151	250
Total	21.89	184.58			970
Nasik					
Unit 3	5.20	34.09	220	200	210
Unit 4	4.58	36.07	205	176	210
Unit 5	4.42	33.66	197	168	190
Total	14.20	103.82			610
Uran					
All Units	11.07	89.45	475	439	460
Total	11.07	89.45			460
PENCH (MS)					
Pench (MS)	0.28	0.98	47	0	
Total	0.28	0.98			
Koyna					
Stage 1-2	5.03	27.10	515	40	520
Stage 4	4.02	23.24	842	0	250
Stage 3	2.05	11.04	320	0	320
Kovna 12&4 Total	9.05	50.34			770

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	11.09	61.39			1090
Hydro					
KDPH	0.84	5.35	36	35	36
VTRNA	1.13	6.32	61	0	60
TILLARI	0.11	0.53	58	0	60
BHTGR/VEER	0.24	2.04	10	10	11
BHIRA T.R.	0.20	1.44	41	0	80
RNGR+BHTSA	0.26	2.24	11	10	12
BHANDARDRA	0.72	3.64	30	30	20
ELDARY	0.20	1.47	9	8	8
SMLHY PTN	0.74	4.54	38	28	0
GHATGHAR	0.23	7.70	125	0	0
Total	4.68	35.28			287
Wind					
MalharPeth	0.43	4.56			
Vankuswadi	0.55	7.26			
ATIT	0.17	1.06			
Kale	0.24	2.71			
Satara	0.52	8.96			
Shirala	0.20	2.27			
K Mahankal	0.42	3.77			
Supa	0.17	1.31			
Vita	1.12	10.42			
Dondaicha	2.10	47.49			
Sakri	0.16	5.06			
Nandurbar	0.23	4.81			
Khandke	0.24	3.95			
Khaparale	0.13	4.51			
Total	6.68	108.16			
CPP					
JSW JAIGAD	26.55	216.06	1108	1103	1002
WARDHA	10.40	73.40	444	384	363
Other CPPs	9.29	76.41			
Total	46.24	365.87			1365
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.16	84.55	504	299	500
Trombay 6	6.24	44.66	459	157	500
Trombay 7A	2.94	22.26	125	116	120
Trombay 7B	1.63	12.67	69	66	60
Trombay 8	6.00	47.30	252	247	250
TATA Hydro	4.83	29.75	418	0	447
Total	32.80	241.18			1877
REL					
1&2	12.58	100.55	527	519	500
Total	12.58	100.55			500
Cent Sect					
Share					5175
Total					5175

MS PG CL	Thermal	133.50	1014.68			5616
	Thml+Gas	144.57	1104.13			6076
	Hydro	15.77	96.67			1377
	Total	160.34	1200.80			7453
State Total		258.91	2017.54			16370

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/May/2012

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	LOAD SHEDDI NG	MSEDCL DEMAND WITH LS	TPCL + R -INFRA DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	5632	915	467	7014	306	1928	4974	4490	-635	-598	13153	175	13328	2239	15567	49.87
2	5695	246	467	6408	343	1929	4874	4527	-516	-410	12820	231	13051	2023	15074	49.82
3	5708	221	467	6396	292	1929	4819	4405	-458	-353	12671	254	12925	1913	14838	49.77
4	5658	198	472	6328	259	1929	4819	4489	-458	-364	12641	259	12900	1836	14736	49.79
5	5608	167	474	6249	264	1928	4819	4584	-458	-365	12660	266	12926	1788	14714	49.85
6	5685	327	475	6487	229	1931	4813	4927	-454	-383	13191	389	13580	1837	15417	49.89
7	5641	272	465	6378	181	1932	4789	4752	-426	-333	12910	846	13756	1830	15586	49.90
8	5664	222	466	6352	144	1874	4872	4611	-454	-329	12652	907	13559	1938	15497	49.92
9	5697	288	467	6452	88	1878	4876	4717	-473	-373	12762	1019	13781	2246	16027	49.86
10	5606	530	468	6604	45	1887	4951	5153	-553	-500	13189	752	13941	2633	16574	49.94
11	5618	1153	461	7232	48	1937	5019	4983	-678	-585	13615	736	14351	2916	17267	49.76
12	5542	1383	468	7393	33	1934	5172	4840	-807	-669	13531	855	14386	2953	17339	49.78
13	5534	1455	468	7457	37	1936	5214	4765	-811	-688	13507	941	14448	2955	17403	49.83
14	5499	1432	459	7390	56	1937	5094	4692	-735	-676	13416	799	14215	2900	17115	49.77
15	5463	1604	452	7519	152	1937	5147	4981	-794	-723	13890	646	14536	2933	17469	49.68
16	5401	1864	442	7707	321	1939	5161	4842	-819	-832	14002	649	14651	2944	17595	49.72
17	5449	1200	453	7102	423	1934	5125	4679	-783	-943	13210	724	13934	2926	16860	49.82
18	5429	426	455	6310	446	1931	4771	4314	-629	-878	12123	137	12260	2860	15120	49.89
19	5495	257	452	6204	500	1932	4706	4203	-553	-681	12158	88	12246	2692	14938	49.89
20	5477	278	458	6213	651	1936	5170	4446	-597	-608	12671	272	12943	2754	15697	49.87
21	5459	278	439	6176	720	1935	5188	3867	-580	-564	12177	436	12613	2663	15276	49.92
22	5504	228	457	6189	499	1935	5192	3743	-602	-560	11853	424	12277	2521	14798	49.89
23	5540	192	459	6191	387	1935	5087	4846	-634	-722	12660	164	12824	2513	15337	49.63
24	5494	634	458	6586	253	1935	5044	4842	-667	-764	12872	113	12985	2465	15450	49.63
MUs	133.50	15.77	11.07	160.34	6.68	46.24	119.70	110.70	-14.58	-13.90	310.33	12.08	322.42	59.28	381.69	49.82

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/May/2012

Position as on 6.30 Hrs of 09/May/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect NTPC(V-4)	210	25/04/2012	00.07		Continued.	Annual Overhaul.	
Paras Unit 4	250	01/05/2012	03.25		Continued.	Annual Overhaul.	30/05/2012
Koyna Unit 6	75	08/05/2012	08.10		Continued.	Turbine Guide Bearing Replacement.	10/05/2012
FORCED OUTAGE							
Tata Trombay 4	150	14/02/2012	00.08		Continued.	Withdrawn/Cold Standby	
Bhusawal Unit 5	500	30/03/2012	04.34		Continued.	Hand Tripped	
Dabhol 1A	230	30/03/2012	23.29		Continued.	Gas Shortage	
Dabhol 1X	290	31/03/2012	19:43		Continued.	Maintenance work.	
Dabhol 1B	230	31/03/2012	19:45		Continued.	Maintenance work.	
Cent_Sect Kawas GT1A	106	26/04/2012	18:13		Continued.	Less requisition.	
Uran Unit 5	108	29/04/2012	11.20		Continued.	Gas Shortage	
Dabhol 3B	230	04/05/2012	11.18		Continued.	Gas shortage.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/May/2012

Position as on 6.30 Hrs of 09/May/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - I	05/05/2012	17.51		Continued.	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Chandrapur - Bhadravati - III	07/05/2012	18.08		Continued.	Tripped on over voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Line Reactor on 400 KV Parly Ckt.-III at Chandrapur	22/03/2012	11.00		Continued.	High tan delta value of bushing.
50MVAR Reactor C'Pur - Parli -I at Parli end	16/04/2012	16.50		Continued.	Filtration work
New Koyna - Karad - I	07/05/2012	14.49		Continued.	Line taken on TBC at NEW Koyna end for breaker over hauling.
Dabhol-Nagothane - II	08/05/2012	09.04	08/05/2012	21.24	R.M.Work & Testing Work.
Padgha - Babaleshwar - II	08/05/2012	14.54	08/05/2012	19.53	Replacement of Breaker Insulator.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 150 MVA ICT @ Bhandara	28/12/2011	13.57		Continued.	Replacement of ICT by 200MVA
Uran-Kharghar-II	15/02/2012	07.42		Continued.	Mumbai system strengthing work
Khargar-Topworth	15/02/2012	07.47		Continued.	Mumbai system strengthing work
Kharghar-TSS	18/02/2012	08.52		Continued.	Temporary Reconfigured as Uran-TSS at 20.30Hrs Dt.18/2/12
Uran - Kharghar - I	19/02/2012	07.50		Continued.	Mumbai System Strengthening Work.
220/132 KV 100 MVA ICT II at Girvali	14/04/2012	12:05		Continued.	Augumentation by 200 MVA ICT.
Main Bus @ Miraj	08/05/2012	09.00	08/05/2012	12.30	Attending Hot Spot.
Auxiliary Bus @ Babhleshwar	08/05/2012	09.20		Continued.	Conductor Replacement Work.
Bale - Tuljapur	08/05/2012	09.38	08/05/2012	12.41	Wave Trap Clamp Nut Bolt Replacement.
Bale - Tuljapur	08/05/2012	10.38	08/05/2012	12.41	Replacement of R Ph.WT Clamp Nut Bolt.
Koradi-Ambazari-I	08/05/2012	10.41	08/05/2012	13.24	Auxillary Bus Isolator Erection Work.
Valve-Jamde	08/05/2012	10.45	08/05/2012	13.00	Repl.of R & B Ph.C T to Line Isolator Jumper.
Pedambe-Mahad	08/05/2012	11.00	08/05/2012	19.43	R.M.Work.
Satara - Vankuswadi	08/05/2012	11.10	08/05/2012	15.50	Q.M.Work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Harangul-Ujani-II	08/05/2012	08.47	08/05/2012	10.07	Repl.of Y Ph.Disc Insulator String @ Loc.77.
Girwali - Gangakhed	08/05/2012	09.23	08/05/2012	12.50	Fixing of PG Clamp @ Loc. 16.
Kawlewada-Madgi-I	08/05/2012	10.00	08/05/2012	13.20	Quarterly Maintenancace Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Aurangabad-Deepnagar-II	04/05/2012	20.39		Continued.	Over Voltage.
Bhusawal- Aurangabad	08/05/2012	20.02		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Padgha - Temghar - II	24/04/2012	17.56		Continued.	To Control Padgha ICT.
Malinagar-Temburni	08/05/2012	11.21		Continued.	To Control Loading of 220 KV

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/May/2012

Position as on 6.30 Hrs of 09/May/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
					Padharpur- Lamboti Line.
Voltage Level : 400KV			Outage Type TRIPPED		
Bhusawal- Aurangabad	07/05/2012	20.24	08/05/2012	06.14	Over Voltage.
Bablswr-Padgha Ckt I	08/05/2012	06.13	08/05/2012	14.12	Dist. protection.
Kalwa - Lonikand	09/05/2012	05.53		Continued.	Distance Protection,Declared Faulty.
Voltage Level : 220KV			Outage Type TRIPPED		
220/132KV,200 MVA ICT-I at Dhule	07/05/2012	23.41	08/05/2012	00.02	Oil Temp High.
Voltage Level : 100KV			Outage Type TRIPPED		
Kalwa-Kalyan	08/05/2012	12.40	08/05/2012	17.51	Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 09/May/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	135
Unit 6	210	130
Unit 7	210	135
	620	400
Bhusawal		
Unit 2	210	175
Unit 3	210	170
Unit 4	500	
Unit 5	500	
	1420	345
Parli		
Unit 3	210	195
Unit 4	210	170
Unit 5	210	175
Unit 6	250	230
Unit 7	250	204
	1130	974
Chandrapur		
Unit 1	210	160
Unit 2	210	165
Unit 3	210	190
Unit 4	210	170
Unit 5	500	475
Unit 6	500	430
Unit 7	500	410
	2340	2000
Paras		
Unit 3	250	250
Unit 4	250	0
	500	250
Khaparkheda		
Unit 1	210	180
Unit 2	210	180
Unit 3	210	180
Unit 4	210	180
Unit 5	500	200
	1340	920
Nasik		
Unit 3	210	210
Unit 4	210	210
Unit 5	210	190
	630	610
Uran		
All Units	852	460
	852	460
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	520
Stage 4	1000	250
Stage 3	320	320
	1920	1090
Hydro		
KDPH	40	36
VTRNA	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	60
BHTGR/VEER	21	10
BHIRA T.R.	80	80
RNGR+BHTSA	20	11
BHANDARDRA	45	30
ELDARY	23	9
SMLHY PTN	12	11
GHATGHAR	250	0
	611	307
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	1002
WARDHA	405	439
Other CPPs	0	
	1005	1441
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	4893
	3455	4893