



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

State Load Dispatch Center, Airoli

Daily system Report

for

08/Apr/2011

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	127.008	1060.463	1) Madhya Pradesh	45.987	404.503
2) Hydro	28.635	158.458	2) Gujrat	32.566	256.713
3) Gas	11.504	114.852	3) Goa	-7.110	-50.825
Total MSGENCO	167.147	1333.773	4) TAPS 1&2 (Inj.)	6.256	36.843
B) OTHERS			5) Pench (Excess)	-0.307	-2.500
1) RGPPL Gas	32.777	283.721	# Total Cent. Sector	77.392	644.734
2) Wind Generation	4.169	51.710	F) Other Exchanges		
3) CPP	23.102	177.712	1) With TPCL (Excess)	-13.573	-99.954
4) PENCH (MS)	0.307	2.500	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	14.443	112.493
1) TPCL Thermal	24.401	178.316	Include PX	0.000	0.000
2) TPCL Hydro	5.520	35.297	2) MUMBAI Bilateral	13.267	105.205
TOTAL TPCL	29.921	213.613	Include PX	1.397	12.712
3) REL Thermal	12.657	101.004	3) MUMBAI Schedule	13.267	107.580
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	164.066	1339.783	1) MSEDCL	291.321	2394.196
2) Hydro (A2+B3+C2)	34.462	196.255	2) TPCL	36.960	275.457
3) Gas (A3+B1)	44.281	398.573	3) REL	19.192	139.102
4) Wind (B2)	4.169	51.710	TOTAL STATE	347.473	2808.755
5) CPP (B3)	23.102	177.712			
TOTAL STATE	270.080	2164.033			

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	5416	5238	5178
MSGENCO Hydro	1042	1430	598
MSGENCO Gas	455	472	476
MSGENCO Total Generation	6913	7140	6252
Central Sector Receipt	3536	3504	3006
RGPPL	1580	1264	1404
WIND	41	318	204
CPP	988	961	954
Exchange with Mumbai	-812	-674	-264
MSEDCL DEMAND MET	12246	12566	11556
Load Shedding (LS)	433	109	0
MSEDCL DEMAND (INCL. LS)	12679	12675	11556
TPCL GENERATION	1528	1495	833
REL GENERATION	526	527	529
TPCL+REL DEMAND	2866	2696	1626
STATE DEMAND MET	15112	15262	13182
Load Management (LM)	2307	3277	1240
Total Load Relief (LS+LM)	2740	3386	1240
UNRESTRICTED STATE DEMAND	17852	18648	14422
Frequency (Hz)	49.72	49.60	49.79

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 18.04 Hrs	48.9 Hz at 23.09 Hrs	49.66	.96 % 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/Apr/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.83	32.23	177	127	170
Unit 6	4.39	35.96	198	146	180
Unit 7	2.88	34.31	185	0	0
	11.10	102.49			350
Bhusawal					
Unit 2	4.08	32.24	180	155	180
Unit 3	4.37	34.62	190	175	185
Unit 4		0.00	0	0	
	8.46	66.86			365
Parli					
Unit 3	0.04	27.80	35	0	0
Unit 4	4.06	35.82	198	129	190
Unit 5	4.20	32.94	189	160	190
Unit 6	5.11	43.24	222	187	220
Unit 7	5.60	38.56	252	214	220
	19.00	178.36			820
Chandrapur					
Unit 1	3.94	29.24	171	160	165
Unit 2	3.85	29.08	168	143	160
Unit 3	4.57	34.59	200	172	190
Unit 4	4.38	33.94	189	161	190
Unit 5	10.42	86.92	470	390	460
Unit 6	10.40	86.00	460	370	450
Unit 7	9.73	73.88	430	370	425
	47.30	373.64			2040
Paras					
Unit 3	5.68	28.75	246	206	220
Unit 4	5.65	44.14	253	227	230
	11.33	72.89			450
Khaparkheda					
Unit 1	4.68	37.96	210	175	210
Unit 2	0.00	26.97	0	0	0
Unit 3	5.12	39.58	220	197	210
Unit 4	5.24	41.99	221	215	210
Unit 5		0.00	0	0	
	15.04	146.50			630
Nasik					
Unit 1	1.94	10.97	88	71	90
Unit 2	1.88	13.13	86	70	90
Unit 3	4.28	33.71	190	160	190
Unit 4	3.49	32.06	186	108	190
Unit 5	3.18	29.85	164	16	190
	14.78	119.72			750
Uran					
All Units	11.50	114.85	624	447	470
	11.50	114.85			470
Dabhol					
RGPPL	32.78	283.72	1580	1248	1500
	32.78	283.72			1500
Koyna					
Stage 1-2	7.00	33.16	495	65	530
Stage 4	12.49	60.77	984	0	250
Stage 3	4.41	20.48	320	0	320
	23.90	114.42			1100
Kovna 12&4 Total	19.49	93.94			780

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.45	3.63	19	18	19
VTRNA	1.31	8.98	61	0	60
TILLARI	0.37	2.98	60	0	60
BHTGR/VEER	0.46	3.31	19	19	20
BHIRA T.R.	0.34	2.18	80	0	80
RNGR+BHTSA	0.25	2.81	14	0	15
BHANDARDRA	0.00	4.30	0	0	25
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	1.01	7.30	42	42	8
GHATGHAR	0.56	8.56	125	0	0
	4.74	44.04			287
PENCH (MS)					
Pench (MS)	0.31	2.50	53	0	
	0.31	2.50			
Wind					
MalharPeth	0.25	1.92			
Vankuswadi	0.52	4.12			
ATIT	0.31	1.34			
Kale	0.21	1.61			
Satara	0.46	4.06			
Shirala	0.22	1.86			
K Mahankal	0.07	1.64			
Supa	0.02	0.90			
Vita	0.45	6.52			
Dondaicha	1.03	17.81			
Sakri	0.16	2.72			
Nandurbar	0.13	2.23			
Khandke	0.13	2.48			
Khaparale	0.20	2.48			
	4.17	51.71			
CPP					
JSW JAIGAD	13.41	105.56	565	555	550
WARDHA	5.65	38.13	241	230	330
Other CPPs	4.04	34.03			
	23.10	177.71			880
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.18	71.77	490	340	500
Trombay 6	3.97	38.36	250	150	500
Trombay 7A	2.89	23.37	123	117	120
Trombay 7B	1.58	12.68	67	64	60
Trombay 8	4.78	32.13	250	153	250
TATA Hydro	5.52	35.30	459	0	447
	29.92	213.61			1877
REL					
1&2	12.66	101.00	529	525	500
	12.66	101.00			500
Cent Sect					
Share					3328
					3328

MS PG CL	Thermal	127.01	1060.46		5405
	Thml+Gas	138.51	1175.32		5875
	Hydro	28.64	158.46		1387
	Total	167.15	1333.77		7262
State Total		270.08	2164.03		15347

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/Apr/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	5394	563	470	6427	1404	189	949	2998	3077	-439	-472	11574	1721	11574	1979	15274	49.64
2	5253	715	474	6442	1404	171	953	2916	2902	-361	-355	11517	1622	11517	1800	14939	49.63
3	5259	798	476	6533	1405	192	951	2843	2923	-288	-277	11727	1308	11727	1698	14733	49.73
4	5178	598	476	6252	1404	204	954	2871	3006	-319	-264	11556	1240	11556	1626	14422	49.79
5	5149	1171	474	6794	1404	158	954	2784	2640	-227	-243	11707	1327	11707	1614	14648	49.65
6	5086	1729	478	7293	1395	115	965	2784	2619	-227	-231	12156	1574	12156	1692	15422	49.44
7	5135	1712	476	7323	1415	92	990	2928	2817	-227	-266	12371	2223	12464	1764	16358	49.65
8	5253	1738	480	7471	1436	82	976	3040	2937	-343	-349	12553	2319	12742	1890	16762	49.81
9	5280	1626	474	7380	1471	61	988	3136	3121	-439	-467	12554	2443	12867	2179	17176	49.88
10	5415	1407	469	7291	1502	66	987	3326	3087	-506	-554	12379	2605	12798	2543	17527	49.77
11	5414	1387	464	7265	1560	55	985	3635	3159	-702	-752	12272	2775	12735	2777	17824	49.85
12	5416	1042	455	6913	1580	41	988	3731	3536	-798	-812	12246	2740	12679	2866	17852	49.72
13	5459	1153	448	7060	1462	40	945	3755	3590	-822	-848	12274	2865	12838	2860	17999	49.63
14	5431	1154	447	7032	1248	42	936	3710	3826	-774	-744	12344	2788	12831	2760	17892	49.71
15	5351	1576	451	7378	1254	56	935	3617	3892	-798	-849	12666	2301	13170	2813	17780	49.55
16	5321	1676	453	7450	1271	124	936	3500	3727	-798	-840	12668	2279	13204	2858	17805	49.60
17	5399	1552	459	7410	1293	233	955	3362	3297	-660	-739	12449	2399	13084	2815	17663	49.60
18	5349	823	467	6639	1280	358	974	3476	3375	-774	-730	11896	2490	12341	2747	17133	49.64
19	5331	877	467	6675	1263	324	974	3208	3373	-632	-641	11987	3129	12153	2649	17765	49.70
20	5238	1430	472	7140	1264	318	961	3368	3504	-680	-674	12566	3386	12675	2696	18648	49.60
21	5223	1337	489	7049	1269	344	957	3373	3471	-685	-676	12465	3277	12465	2570	18312	49.63
22	5176	1062	515	6753	1268	366	965	3359	3321	-665	-640	12085	3274	12085	2420	17779	49.56
23	5284	834	546	6664	1266	296	961	3158	3102	-569	-619	11721	3270	11721	2316	17307	49.52
24	5214	675	624	6513	1259	242	963	3020	3090	-536	-531	11588	2883	11588	2219	16690	49.54
MUs	127.0 1	28.64	11.50	167.15	32.78	4.17	23.10	77.90	77.39	-13.27	-13.57	291.32	58.24	296.68	56.15	405.71	49.66

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/Apr/2011

Position as on 6.30 Hrs of 09/Apr/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.	27/04/2011
Cent_Sect NTPC(K-3)	210	31/03/2011	23.46		Continued.	Annual Overhaul	30/04/2011
Cent_Sect sipat-5	500	01/04/2011	00.14		Continued.	Annual Overall.	25/04/2011
Koyna Unit 3	75	07/04/2011	07.00		Continued.	Preventive Maintenace.	09/04/2011
FORCED OUTAGE							
Cent_Sect NTPC(V-2)	210	01/04/2011	00.07		Continued.	Boiler License Renewal	10/04/2011
Khaparkheda Unit 2	210	07/04/2011	08.49	09/04/2011	02.28	Boiler Tube Leakage.	
CPP WPCL U-3	135	07/04/2011	19.17		Continued.	ID Fan Problem	
Uran Unit 7	108	08/04/2011	00.01	08/04/2011	14.32	Air Filter Replacement.	
Parli Unit 3	210	08/04/2011	00.07		Continued.	Extension of Boiler Validity.	10/04/2011
Nasik Unit 5	210	08/04/2011	01.20	08/04/2011	02.50	Drum Level High.	
Koradi Unit 7	210	08/04/2011	03.06	08/04/2011	08.47	BFP Problem.	
Dabhol 2A	230	08/04/2011	12.45	08/04/2011	14.33	Trip,during reduction of load.	
Dabhol 2A	230	08/04/2011	17.40		Continued.	Fine protection system trouble.	11/04/2011
Khaparkheda Unit 2	210	09/04/2011	05.10		Continued.	Control valve problem.	

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

Position as on 6.30 Hrs of 09/Apr/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Borivali -Tarapur	03/04/2011	09.10		Continued.	LILO work of 220KV Borivali-Boilsser at 220KV Ghodbandar.(up to 20.04.2011)
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Pench-Mansar	08/04/2011	10.35		Continued.	Replacement of relay & control pannel.
Pench - Kanhan	08/04/2011	10.39		Continued.	Replacement of relay & control pannel.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - I	05/04/2011	23.41		Continued.	Over Voltage
Dhule - S'Sarovar- II	08/04/2011	23.29		Continued.	Over Voltage.
Akola - Wardha - I	08/04/2011	23.33		Continued.	Over Voltage.
Voltage Level : 500KV			Outage Type TRIPPED		
Bhadravati HVDC Pole - I	07/04/2011	22.33		Continued.	Filter L A Burst.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Line Reactor of BSL-KORDY at BSL end	18/03/2011	12.51		Continued.	O/H work up to 10.04.2011.
400/132KV 200 MVA ICT-II @ Bhusawal	06/04/2011	08.44		Continued.	Replacement of 132KV Side Bus-I & II Isolators of 200MVA 400/132KV ICT-II Under LES Scheme.
Chandrapur - Parly - III	07/04/2011	06.07	08/04/2011	11.23	Replacement of C T's @ C'pur Under LES & To Attend Damaged Conductor @ Loc. 526-527.
Padgha - Chakan	07/04/2011	07.00		Continued.	LILO Arrangement @ 400 KV Talegaon PG S/S.(Outage Till 14.04.11)
400/220KV,500 MVA ICT-III At A'bad.	08/04/2011	10.35	08/04/2011	14.45	Q.M.Work
400/11.5/6.6 KV 70 MVA Station T/F @ Khaparkheda	08/04/2011	10.50	08/04/2011	15.47	For realignment of 89 A tie isolator of CHDPR tie-Stn T/F-5-B-Dia(Half Dia as above.)
Khaparkheda - Chandrapur	08/04/2011	14.26	08/04/2011	15.58	Maintenance 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.)
220/110 KV 100 MVA T/F - II @ Mudshingi	07/02/2011	15.12		Continued.	Augmentation by 200 MVA.Kept on Humming @ 16.15 Hrs dt 7.04.2011.
220/7 KV 20 MVA Stn.T/F-II at Korady	31/03/2011	10.47		Continued.	Oil Leakage.
Borivali-Boisar	03/04/2011	09.48		Continued.	LILO work of 220KV Borivali-Bhoisor at 220KV Ghodbandar(Up to 20/4/11)
Butibori-Indorama	06/04/2011	09.05		Continued.	Tan Delta Measurment of C T @ Butibori & Indorama End & Bay Maint. of Both S/S.
Bus - I @ Babaleshwar	07/04/2011	06.14		Continued.	P T Replacement.
Mudshingi-Wathar	08/04/2011	08.45	08/04/2011	16.24	Insulator replacement work.
TBC Breaker at Talangade	08/04/2011	09.30		Continued.	Overhauling of C.B.
220 KV Interconnector @ Kalwa	08/04/2011	09.33	08/04/2011	18.15	CT tan delta measurement.
New Koyna - Pawas	08/04/2011	09.40	08/04/2011	18.14	Cold washing.

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

Position as on 6.30 Hrs of 09/Apr/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Trombay - Tifil	08/04/2011	09.45	08/04/2011	18.35	Removal of cross jumpering.
220 KV Bus Section-II @ Nasik GCR	08/04/2011	09.55	08/04/2011	13.20	Oil leakage of R nad B ph.CT.
Raymond-Washala	08/04/2011	10.10	08/04/2011	18.05	Attending PT leakage and R.M.work.
Aurangabad - Padegaon - II	08/04/2011	10.54	08/04/2011	15.53	Q.M.Work
Main Bus-II at Nagothane	08/04/2011	10.56	08/04/2011	20.49	Stringing of bus isolator jumpering.
220/132KV,200MVA ICT-I at Malegaon	08/04/2011	11.00	08/04/2011	13.35	Attending OLTC oil leakage.
Ghugus-LLOYDS Metals	08/04/2011	12.48	08/04/2011	16.53	Measurement and maintenance work.
Washala-Ghatghar	08/04/2011	13.55	08/04/2011	18.45	Bus bar testing.
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kalwa-Kalyan	08/04/2011	08.00	08/04/2011	19.14	Insulator replacement.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Khaparkheda - Kanhan - II	04/04/2011	19.34		Continued.	B Phase Line Isolator closing prob(Ckt on TBC)
Babaleshwar - Alephata	07/04/2011	14.38		Continued.	Hot Spot on C T Jumper.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	07/04/2011	20.50	08/04/2011	06.13	Over Voltage.
Bhusawal- Aurangabad	08/04/2011	20.33	09/04/2011	05.39	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Abhijeet II	05/03/2011	07.49		Continued.	To control 220KV A'zari-AEPL loading.
Babaleshwar - Bhenda	05/03/2011	20.47		Continued.	To control BBLSR ICT Load
Dhule-Chalisgaon	23/03/2011	12.48		Continued.	To Control Dhule ICT Loading.
Hingoli-Pusad	28/03/2011	06.17		Continued.	To control Load on Wardha-Yavatmal line
Hingoli-Pusad	08/04/2011	06.17	08/04/2011	12.43	To control Wardha-Y'mal L/L.
Chandrapur-Warora - I	08/04/2011	08.00		Continued.	To control Wrrahngh L/L.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Kalwa - Salsette - II	05/04/2011	10.56		Continued.	From Kalwa End
Voltage Level : 400KV			Outage Type TRIPPED		
Newkoyna - Jaigad - I	09/04/2011	06.06		Continued.	Distance Protection.
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
Kandalgaon - Pirangut	08/04/2011	08.58	08/04/2011	09.06	Distance Protection.
Parbhani-Parly	08/04/2011	11.34	08/04/2011	11.58	B/up,O/C.
ICL - Harangool Ckt.II	08/04/2011	15.00	08/04/2011	16.04	D/P,R-Ph.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 09/Apr/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	140
Unit 6	210	188
Unit 7	210	170
	620	498
Bhusawal		
Unit 2	210	180
Unit 3	210	185
Unit 4	0	
	420	365
Parli		
Unit 3	210	0
Unit 4	210	170
Unit 5	210	180
Unit 6	250	200
Unit 7	250	200
	1130	750
Chandrapur		
Unit 1	210	155
Unit 2	210	160
Unit 3	210	190
Unit 4	210	190
Unit 5	500	450
Unit 6	500	460
Unit 7	500	450
	2340	2055
Paras		
Unit 3	250	250
Unit 4	250	250
	500	500
Khaparkheda		
Unit 1	210	190
Unit 2	210	0
Unit 3	210	210
Unit 4	210	210
Unit 5	0	
	840	610
Nasik		
Unit 1	120	76
Unit 2	120	76
Unit 3	210	172
Unit 4	210	182
Unit 5	210	132
	870	638
Uran		
All Units	852	640
	852	640
Dabhol		
RGPP	1940	1250
	1940	1250
Koyna		
Stage 1-2	600	530
Stage 4	1000	250
Stage 3	320	320
	1920	1100
Hydro		
KDPH	40	19

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	19
BHIRA T.R.	80	80
RNGR+BHTSA	20	14
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	0
GHATGHAR	250	0
	611	252
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	550
WARDHA	405	285
Other CPPs	0	
	1005	835
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1867
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3424
	3455	3424