



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

State Load Dispatch Center, Airoli

Daily system Report

for

04/Apr/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 04/Apr/2011 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	132.831	533.827	1) Madhya Pradesh	53.085	214.305
2) Hydro	18.669	64.464	2) Gujrat	26.193	123.660
3) Gas	15.601	58.355	3) Goa	-5.786	-24.273
Total MSGENCO	167.101	656.646	4) TAPS 1&2 (Inj.)	3.933	13.557
B) OTHERS			5) Pench (Excess)	-0.288	-1.342
1) RGPPL Gas	36.308	143.777	# Total Cent. Sector	77.137	325.907
2) Wind Generation	5.720	33.778	F) Other Exchanges		
3) CPP	23.568	81.906	1) With TPCL (Excess)	-9.943	-46.204
4) PENCH (MS)	0.288	1.342	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	14.564	56.568
1) TPCL Thermal	19.946	84.660	Include PX	0.000	0.000
2) TPCL Hydro	1.913	12.646	2) MUMBAI Bilateral	11.479	49.256
TOTAL TPCL	21.859	97.306	Include PX	1.019	5.559
3) REL Thermal	12.628	50.582	3) MUMBAI Schedule	11.479	51.631
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	165.405	669.069	1) MSEDCL	300.179	1197.152
2) Hydro (A2+B3+C2)	20.870	78.452	2) TPCL	31.472	129.396
3) Gas (A3+B1)	51.909	202.132	3) REL	12.956	64.688
4) Wind (B2)	5.720	33.778	TOTAL STATE	344.607	1391.236
5) CPP (B3)	23.568	81.906			
TOTAL STATE	267.472	1065.337			

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	5594	5633	5429
MSGENCO Hydro	1529	585	174
MSGENCO Gas	632	644	677
MSGENCO Total Generation	7755	6862	6280
Central Sector Receipt	3426	3298	3057
RGPPL	1493	1532	1523
WIND	35	230	373
CPP	1047	1012	803
Exchange with Mumbai	-497	-532	-244
MSEDCL DEMAND MET	13259	12452	11792
Load Shedding (LS)	288	0	0
MSEDCL DEMAND (INCL. LS)	13547	12452	11792
TPCL GENERATION	1220	1223	771
REL GENERATION	527	526	529
TPCL+REL DEMAND	2244	2281	1544
STATE DEMAND MET	15503	14733	13336
Load Management (LM)	2255	3470	1706
Total Load Relief (LS+LM)	2543	3470	1706
UNRESTRICTED STATE DEMAND	18046	18203	15042
Frequency (Hz)	49.84	49.78	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.34 Hz at 18:33 Hrs	49.32 Hz at 19:13 Hrs	49.85	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 04/Apr/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.15	16.71	178	164	180
Unit 6	4.59	18.15	200	170	190
Unit 7	4.51	18.34	200	175	190
	13.24	53.20			560
Bhusawal					
Unit 2	3.76	15.92	185	135	150
Unit 3	4.32	17.38	190	165	180
Unit 4	0.00	0.00	0	0	
	8.08	33.29			330
Parli					
Unit 3	4.28	14.68	195	152	200
Unit 4	4.51	18.38	203	158	185
Unit 5	3.93	16.10	186	132	155
Unit 6	5.35	22.02	242	189	170
Unit 7	3.82	19.79	228	0	170
	21.89	90.97			880
Chandrapur					
Unit 1	3.28	14.42	154	126	150
Unit 2	3.28	14.46	149	120	150
Unit 3	4.26	16.98	195	153	190
Unit 4	4.03	16.92	190	138	180
Unit 5	11.15	43.85	485	430	450
Unit 6	10.94	43.60	477	423	450
Unit 7	8.19	37.14	361	300	350
	45.14	187.38			1920
Paras					
Unit 3	2.88	6.34	233	0	0
Unit 4	5.19	21.54	244	175	250
	8.07	27.88			250
Khaparkheda					
Unit 1	4.74	18.98	205	190	210
Unit 2	4.44	17.95	192	174	210
Unit 3	5.03	19.68	217	173	210
Unit 4	5.23	21.02	222	210	210
Unit 5	0.00	0.00	0	0	
	19.44	77.62			840
Nasik					
Unit 1	1.99	7.80	93	74	85
Unit 2	2.05	7.88	91	80	85
Unit 3	4.42	16.48	195	160	190
Unit 4	4.45	16.26	204	150	210
Unit 5	4.06	15.05	180	149	180
	16.97	63.48			750
Uran					
All Units	15.60	58.36	679	620	640
	15.60	58.36			640
Dabhol					
RGPPL	36.31	143.78	1541	1469	1500
	36.31	143.78			1500
Koyna					
Stage 1-2	3.01	11.84	355	35	600
Stage 4	8.20	23.21	861	0	250
Stage 3	1.84	7.40	160	0	320
	13.05	42.45			1170
Kovna 12&4 Total	11.21	35.06			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.45	1.82	19	18	19
VTRNA	0.85	3.98	60	0	60
TILLARI	0.37	1.49	60	0	60
BHTGR/VEER	0.47	1.45	20	19	5
BHIRA T.R.	0.12	1.08	44	0	80
RNGR+BHTSA	0.34	1.63	15	14	14
BHANDARDRA	0.60	2.62	26	25	25
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.95	3.54	40	39	11
GHATGHAR	1.46	4.41	250	0	0
	5.62	22.01			274
PENCH (MS)					
Pench (MS)	0.29	1.34	50	0	
	0.29	1.34			
Wind					
MalharPeth	0.15	1.05			
Vankuswadi	0.50	2.41			
ATIT	0.06	0.86			
Kale	0.15	0.94			
Satara	0.55	3.22			
Shirala	0.14	1.09			
K Mahankal	0.02	0.34			
Supa	0.15	0.53			
Vita	0.56	4.21			
Dondaicha	2.08	12.68			
Sakri	0.32	1.92			
Nandurbar	0.31	1.66			
Khandke	0.31	1.31			
Khaparale	0.43	1.57			
	5.72	33.78			
CPP					
JSW JAIGAD	13.73	51.73	609	478	550
WARDHA	4.92	12.24	237	107	230
Other CPPs	4.92	17.93			
	23.57	81.91			780
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.22	27.66	490	275	500
Trombay 6	0.36	20.83	150	150	500
Trombay 7A	2.94	11.77	125	120	120
Trombay 7B	1.59	6.37	67	65	60
Trombay 8	4.84	18.04	235	155	250
TATA Hydro	1.91	12.65	168	0	447
	21.86	97.31			1877
REL					
1&2	12.63	50.58	529	495	500
	12.63	50.58			500
Cent Sect					
Share					3305
					3305

MS PG CL	Thermal	132.83	533.83		5530
	Thml+Gas	148.43	592.18		6170
	Hydro	18.67	64.46		1444
	Total	167.10	656.65		7614
State Total		267.47	1065.34		15576

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/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	5388	220	663	6271	1494	471	780	3130	3310	-544	-479	11847	2979	11847	1878	16704	49.82
2	5410	169	664	6243	1525	481	774	3049	3101	-466	-361	11763	2896	11763	1709	16368	50.01
3	5438	169	670	6277	1525	462	796	3013	3021	-432	-302	11779	2051	11779	1601	15431	49.95
4	5429	174	677	6280	1523	373	803	2918	3057	-332	-244	11792	1706	11792	1544	15042	49.95
5	5479	211	678	6368	1483	348	866	2880	3095	-332	-230	11930	1763	11930	1529	15222	49.90
6	5477	799	677	6953	1469	339	1033	2842	2949	-332	-252	12491	2049	12491	1577	16117	49.76
7	5402	1071	679	7152	1522	356	1020	3047	2908	-332	-282	12676	2381	12840	1624	16681	49.80
8	5383	1014	679	7076	1520	196	1050	3047	3263	-332	-285	12820	2479	13082	1665	16964	49.85
9	5344	1387	661	7392	1511	80	1023	3084	3064	-356	-313	12757	2377	12917	1789	16923	49.76
10	5441	1447	653	7541	1516	73	1021	3271	3183	-432	-359	12975	2222	13005	2041	17238	49.79
11	5545	1360	646	7551	1501	57	1035	3462	3457	-532	-447	13154	2412	13330	2188	17754	49.85
12	5594	1529	632	7755	1493	35	1047	3479	3426	-556	-497	13259	2543	13547	2244	18046	49.84
13	5698	1397	636	7731	1491	39	1053	3479	3539	-556	-505	13348	2549	13639	2253	18150	49.80
14	5721	1148	627	7496	1491	64	1042	3488	3382	-556	-448	13027	2524	13293	2167	17718	49.91
15	5668	1240	620	7528	1490	74	1051	3350	3631	-532	-464	13310	2343	13535	2175	17828	49.75
16	5659	1549	623	7831	1506	91	1046	3209	3262	-508	-469	13267	2272	13467	2175	17714	49.81
17	5652	1155	634	7441	1520	148	1062	3185	3728	-484	-462	13437	2270	13636	2149	17856	49.97
18	5710	609	629	6948	1518	151	1047	3161	3263	-460	-439	12505	2236	12633	2125	16866	49.97
19	5648	333	633	6614	1526	153	1029	3006	3082	-508	-442	11988	3050	11992	2164	17202	49.92
20	5633	585	644	6862	1532	230	1012	3262	3298	-597	-532	12452	3470	12452	2281	18203	49.78
21	5572	406	640	6618	1535	340	1019	3307	3372	-621	-564	12370	3482	12370	2299	18151	49.86
22	5571	270	643	6484	1535	358	1028	3324	3032	-621	-598	11887	3482	11887	2255	17624	49.82
23	5560	216	646	6422	1541	426	1008	3155	2912	-537	-516	11840	3482	11840	2148	17470	49.75
24	5409	211	647	6267	1541	375	923	3054	2802	-525	-453	11505	3304	11505	2090	16899	49.72
MUs	132.8 3	18.67	15.60	167.10	36.31	5.72	23.57	76.20	77.14	-11.48	-9.94	300.18	62.32	302.57	47.67	410.17	49.85

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 04/Apr/2011

Position as on 6.30 Hrs of 05/Apr/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect Tarapur 2	80	04/03/2011	01.25		Continued.	Refueling Work.	06/04/2011
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
FORCED OUTAGE							
Cent_Sect NTPC(V-2)	210	01/04/2011	00.07		Continued.	Boiler License Renewal	06/04/2011
CPP WPCL U-2	135	01/04/2011	00.11		Continued.	Unit W/D Upto 0600 Hrs Since There is No Buyer.	
Paras Unit 3	250	01/04/2011	15.10	04/04/2011	8:41	Boiler Tube Leakage.	
CPP WPCL U-1	135	02/04/2011	20.35	04/04/2011	02.39	W/Dn to pickup load on U3.	
Parli Unit 7	250	04/04/2011	6:05	04/04/2011	9:09	Flame Failure	
Tata Trombay 8	250	05/04/2011	01.31		Continued.	Derator Bypass Line Leakage	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Apr/2011

Position as on 6.30 Hrs of 05/Apr/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		
Borivali -Tarapur	03/04/2011	09.10		Continued.	LILO work of 220KV Borivali-Boilsser at 220KV Ghodbandar.(up to 20.04.2011)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur-Mapusa-II	03/04/2011	22.00	04/04/2011	12:39	Over Voltage
Kolhapur - Mapusa - I	04/04/2011	21.55		Continued.	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Sar'Sarovar - II	02/04/2011	21.56		Continued.	Over Voltage.
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.
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.up to 05.04.11.
220/132 KV 200 MVA ICT - II @ Bhusawal	29/03/2011	07.50		Continued.	Replacement of Isolators,ICT on TBC.Upto 05.04.2011.
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)
Khaparkhedha - Kanhan - II	04/04/2011	09.04	04/04/2011	19.34	E/W replacement
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
A Bus at Nagothane	04/04/2011	12.04	04/04/2011	20.24	Hot Spot on 400KV B/C Bay
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
LV CB of 400/220 kv 315 MVA ICT-1 @ Parli	11/02/2011	22:43	04/04/2011	15:39	PDR problem (ICT LV side is on TBC)
Khaparkhedha - Kanhan - II	04/04/2011	19.34		Continued.	B Phase Line Isolator closing prob(Ckt on TBC)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	03/04/2011	21.48	04/04/2011	05.45	Over Voltage
Karad - Kolhapur - I	04/04/2011	00.33	04/04/2011	8:21	Over Voltage
Newkoyna - Jaigad - I	04/04/2011	09.25	04/04/2011	19.49	Insulator washing
Bhusawal- Aurangabad	04/04/2011	21.32	05/04/2011	05.33	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
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 - Salshet - I	18/02/2011	10.56		Continued.	From Kalwa End
Voltage Level : 220KV			Outage Type TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Apr/2011

Position as on 6.30 Hrs of 05/Apr/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
Karad-Mudsingi-IV	04/04/2011	06.22	04/04/2011	15.10	Distance Protection
Karad-Mudsingi-IV	05/04/2011	05.06		Continued.	Distance Protection(Declared Faulty)
Karad - Kiniwathar	05/04/2011	05.18	05/04/2011	05.36	Distance Protection
Kolhapur - Peth	05/04/2011	05.25		Continued.	Distance Protection(Declared Faulty)
Voltage Level : 132KV			Outage Type TRIPPED		
Achalpur - Anjangaon	04/04/2011	11.24	04/04/2011	11.35	Distance protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 05/Apr/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	167
Unit 6	210	178
Unit 7	210	180
	620	525
Bhusawal		
Unit 2	210	190
Unit 3	210	190
Unit 4	0	
	420	380
Parli		
Unit 3	210	190
Unit 4	210	180
Unit 5	210	180
Unit 6	250	240
Unit 7	250	200
	1130	990
Chandrapur		
Unit 1	210	160
Unit 2	210	140
Unit 3	210	190
Unit 4	210	180
Unit 5	500	460
Unit 6	500	480
Unit 7	500	350
	2340	1960
Paras		
Unit 3	250	250
Unit 4	250	250
	500	500
Khaparkheda		
Unit 1	210	210
Unit 2	210	210
Unit 3	210	210
Unit 4	210	210
Unit 5	0	
	840	840
Nasik		
Unit 1	120	85
Unit 2	120	95
Unit 3	210	190
Unit 4	210	210
Unit 5	210	180
	870	760
Uran		
All Units	852	640
	852	640
Dabhol		
RGPP	1940	1500
	1940	1500
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	19

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	20
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	25
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	289
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	320
Other CPPs	0	
	1005	870
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	0
TATA Hydro	444	447
	2024	1627
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3321
	3455	3321