



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

State Load Dispatch Center, Airoli

Daily system Report

for

03/Apr/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 03/Apr/2011 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	129.508	400.996	1) Madhya Pradesh	60.744	161.220
2) Hydro	13.355	45.795	2) Gujrat	31.445	97.467
3) Gas	15.683	42.754	3) Goa	-5.232	-18.487
Total MSGENCO	158.546	489.545	4) TAPS 1&2 (Inj.)	3.895	9.624
B) OTHERS			5) Pench (Excess)	-0.191	-1.054
1) RGPPL Gas	35.389	107.469	# Total Cent. Sector	90.661	248.770
2) Wind Generation	9.714	28.058	F) Other Exchanges		
3) CPP	18.303	58.338	1) With TPCL (Excess)	-9.698	-36.261
4) PENCH (MS)	0.191	1.054	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	13.392	42.004
1) TPCL Thermal	22.206	64.714	Include PX	0.000	0.000
2) TPCL Hydro	0.014	10.733	2) MUMBAI Bilateral	10.684	37.777
TOTAL TPCL	22.220	75.447	Include PX	0.793	4.540
3) REL Thermal	12.660	37.954	3) MUMBAI Schedule	10.684	39.352
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	164.374	503.664	1) MSEDCL	303.106	896.973
2) Hydro (A2+B3+C2)	13.560	57.582	2) TPCL	28.946	97.924
3) Gas (A3+B1)	51.072	150.223	3) REL	15.630	51.732
4) Wind (B2)	9.714	28.058	TOTAL STATE	347.682	1046.629
5) CPP (B3)	18.303	58.338			
TOTAL STATE	257.023	797.865			

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	5545	5608	5232
MSGENCO Hydro	1204	325	150
MSGENCO Gas	640	645	667
MSGENCO Total Generation	7389	6578	6049
Central Sector Receipt	3912	3863	3018
RGPPL	1481	1473	1464
WIND	115	744	560
CPP	905	758	760
Exchange with Mumbai	-439	-515	-308
MSEDCL DEMAND MET	13363	12916	11543
Load Shedding (LS)	186	96	0
MSEDCL DEMAND (INCL. LS)	13549	13012	11543
TPCL GENERATION	1003	1031	791
REL GENERATION	528	525	529
TPCL+REL DEMAND	1970	2071	1628
STATE DEMAND MET	15333	14987	13171
Load Management (LM)	2100	3474	1700
Total Load Relief (LS+LM)	2286	3570	1700
UNRESTRICTED STATE DEMAND	17619	18557	14871
Frequency (Hz)	49.89	49.84	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.39 Hz at 18:05 Hrs	49.51 Hz at 21:05 Hrs	49.95	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 03/Apr/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.19	12.56	180	162	175
Unit 6	4.49	13.57	202	162	190
Unit 7	4.67	13.83	200	185	200
	13.35	39.96			565
Bhusawal					
Unit 2	3.92	12.16	185	140	165
Unit 3	4.16	13.05	185	160	185
Unit 4	0.00	0.00	0	0	
	8.08	25.20			350
Parli					
Unit 3	2.35	10.40	186	0	0
Unit 4	4.63	13.87	201	178	200
Unit 5	3.79	12.18	186	143	180
Unit 6	5.44	16.67	248	188	240
Unit 7	5.42	15.97	253	202	210
	21.65	69.08			830
Chandrapur					
Unit 1	3.71	11.14	166	138	165
Unit 2	3.48	11.18	162	131	165
Unit 3	4.24	12.72	189	168	195
Unit 4	4.26	12.89	190	155	190
Unit 5	10.52	32.70	475	415	480
Unit 6	11.07	32.66	480	412	460
Unit 7	8.30	28.95	360	320	310
	45.58	142.24			1965
Paras					
Unit 3	0.00	3.46	0	0	0
Unit 4	5.64	16.35	254	223	240
	5.64	19.81			240
Khaparkheda					
Unit 1	4.82	14.24	210	195	191
Unit 2	4.44	13.51	190	180	190
Unit 3	5.02	14.66	222	188	192
Unit 4	5.25	15.78	223	208	193
Unit 5	0.00	0.00	0	0	
	19.53	58.19			766
Nasik					
Unit 1	1.93	5.81	95	66	75
Unit 2	1.88	5.84	87	61	75
Unit 3	4.21	12.06	195	140	160
Unit 4	3.98	11.81	198	124	160
Unit 5	3.69	10.99	179	130	160
	15.69	46.51			630
Uran					
All Units	15.68	42.75	673	638	640
	15.68	42.75			640
Dabhol					
RGPPL	35.39	107.47	1489	1462	1500
	35.39	107.47			1500
Koyna					
Stage 1-2	2.24	8.84	260	40	600
Stage 4	3.97	15.01	547	0	250
Stage 3	1.62	5.55	240	0	320
	7.83	29.40			1170
Kovna 12&4 Total	6.21	23.85			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.46	1.38	20	19	20
VTRNA	0.88	3.12	60	0	60
TILLARI	0.38	1.11	60	0	60
BHTGR/VEER	0.12	0.98	5	5	10
BHIRA T.R.	0.21	0.96	77	0	80
RNGR+BHTSA	0.34	1.29	15	14	10
BHANDARDRA	0.62	2.02	26	25	30
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.82	2.59	35	34	21
GHATGHAR	1.70	2.95	240	0	0
	5.52	16.40			291
PENCH (MS)					
Pench (MS)	0.19	1.05	53	0	
	0.19	1.05			
Wind					
MalharPeth	0.23	0.90			
Vankuswadi	0.68	1.91			
ATIT	0.11	0.80			
Kale	0.22	0.79			
Satara	1.04	2.66			
Shirala	0.26	0.96			
K Mahankal	0.04	0.32			
Supa	0.11	0.38			
Vita	0.80	3.65			
Dondaicha	4.23	10.60			
Sakri	0.64	1.61			
Nandurbar	0.46	1.36			
Khandke	0.41	0.99			
Khaparale	0.49	1.14			
	9.71	28.06			
CPP					
JSW JAIGAD	11.08	38.00	605	0	550
WARDHA	2.62	7.33	131	77	120
Other CPPs	4.60	13.01			
	18.30	58.34			670
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.48	17.44	460	300	500
Trombay 6	3.60	20.47	150	150	500
Trombay 7A	2.95	8.83	125	121	120
Trombay 7B	1.59	4.78	67	65	60
Trombay 8	4.58	13.20	250	150	250
TATA Hydro	0.01	10.73	14	0	447
	22.22	75.45			1877
REL					
1&2	12.66	37.95	529	524	500
	12.66	37.95			500
Cent Sect					
Share					3179
					3179

MS PG CL	Thermal	129.51	401.00		5346
	Thml+Gas	145.19	443.75		5986
	Hydro	13.36	45.80		1461
	Total	158.55	489.54		7447
State Total		257.02	797.86		15173

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/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	5237	153	660	6050	1472	487	787	2998	3418	-547	-527	11695	2905	11695	1957	16557	49.89
2	5164	150	661	5975	1464	516	785	2911	3145	-468	-407	11478	2831	11478	1825	16134	49.98
3	5223	165	662	6050	1463	525	813	2853	3046	-409	-345	11552	1997	11552	1715	15264	50.01
4	5232	150	667	6049	1464	560	760	2783	3018	-334	-308	11543	1700	11543	1628	14871	50.04
5	5198	196	672	6066	1463	566	790	2759	3038	-309	-286	11637	1757	11637	1604	14998	49.91
6	5200	214	672	6086	1462	552	885	2759	3452	-309	-297	12140	1990	12140	1625	15755	49.88
7	5249	198	672	6119	1483	388	907	2979	3982	-309	-273	12606	2100	12707	1646	16352	49.97
8	5303	229	673	6205	1489	303	914	2979	4271	-309	-262	12920	2211	13132	1636	16767	49.90
9	5343	624	661	6628	1479	186	913	2979	4191	-309	-297	13100	2253	13354	1720	17073	49.89
10	5383	1236	648	7267	1481	185	908	2995	3928	-338	-338	13431	2166	13608	1833	17430	49.92
11	5455	1196	648	7299	1481	121	906	3100	4030	-447	-443	13394	2180	13538	1939	17513	49.93
12	5545	1204	640	7389	1481	115	905	3085	3912	-438	-439	13363	2286	13549	1970	17619	49.89
13	5517	1230	639	7386	1482	161	905	3167	4257	-486	-425	13766	2315	13977	1955	18036	49.90
14	5485	1241	640	7366	1479	201	892	3236	4020	-486	-423	13535	2307	13738	1933	17775	50.04
15	5490	1036	650	7176	1474	257	618	3296	4143	-486	-422	13246	2328	13452	1893	17467	49.95
16	5484	1107	648	7239	1473	295	286	3305	4538	-486	-413	13418	2266	13611	1883	17567	49.98
17	5500	996	650	7146	1474	353	304	3281	4527	-462	-389	13415	2270	13604	1858	17543	50.08
18	5555	409	647	6611	1476	489	424	3286	4252	-462	-373	12879	2297	13053	1845	17021	50.13
19	5625	324	638	6587	1473	584	680	3148	3425	-462	-370	12379	3161	12498	1843	17383	50.03
20	5608	325	645	6578	1473	744	758	3327	3863	-529	-515	12916	3570	13012	2071	18557	49.84
21	5524	264	650	6438	1475	566	767	3351	3920	-553	-548	12671	3532	12714	2088	18291	49.88
22	5482	327	645	6454	1475	591	775	3376	3634	-577	-541	12440	3489	12440	2082	18011	49.86
23	5395	186	649	6230	1476	587	826	3234	3333	-551	-509	11995	3489	11995	2053	17537	49.96
24	5311	195	646	6152	1477	382	795	3180	3318	-619	-548	11587	3287	11587	1976	16850	49.90
MUs	129.51	13.36	15.68	158.55	35.39	9.71	18.30	74.37	90.66	-10.68	-9.70	303.11	60.69	305.61	44.58	408.37	49.95

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 03/Apr/2011

Position as on 6.30 Hrs of 04/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.	04/04/2011
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 (K-2)	210	01/04/2011	00.00		Continued.	Boiler Tube Leakage	04/04/2011
Cent_Sect NTPC(V-2)	210	01/04/2011	00.07		Continued.	Boiler License Renewal	10/04/2011
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		Continued.	Boiler Tube Leakage.	04/04/2011
Parli Unit 3	210	02/04/2011	20.05	03/04/2011	09.45	Air Heater damage.	
CPP WPCL U-1	135	02/04/2011	20.35	04/04/2011	02.39	W/Dn to pickup load on U3.	
Koyana Unit 11	80	03/04/2011	09.50	03/04/2011	11.50	Rotor Earth Fault Relay operation	
CPP JSW (J) U1	300	03/04/2011	14.32	03/04/2011	16.58	PLCC Communication problem	
CPP JSW (J) U2	300	03/04/2011	14.32	03/04/2011	17.26	PLCC Communication problem	
Parli Unit 7	250	04/04/2011	06.05		Continued.	Flame Failure	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Apr/2011

Position as on 6.30 Hrs of 04/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-Boilsar at 220KV Ghodbandar.(up to 20.04.2011)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - I	01/04/2011	23.34	03/04/2011	08.47	Over Voltage.
Akola - Wardha - I	02/04/2011	20.32	03/04/2011	08.48	Over Voltage.
Kolhapur - Mapusa - I	02/04/2011	20.38	03/04/2011	08.50	Over Voltage.
Kolhapur-Mapusa-II	03/04/2011	22.00		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.
New Koyna-Jaigad II	03/04/2011	10.32	03/04/2011	19.42	Line Insulator cleaning
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.
Khargar-Topworth	03/04/2011	08.32	03/04/2011	20.31	E/W replacement
Kharghar-TSS	03/04/2011	08.57	03/04/2011	20.10	E/W replacement
Borivali-Boisar	03/04/2011	09.48		Continued.	LILO work of 220KV Borivali-Bhoisar at 220KV Ghodbandar(Up to 20/4/11)
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
LV CB of 400/220 kv 315 MVA ICT-1 @ Parli	11/02/2011	22:43		Continued.	PDR problem (ICT LV side is on TBC)
Kalwa I-Taloja	03/04/2011	19.25	03/04/2011	22.55	Red Hot on R phase Wave Trap
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	02/04/2011	20.12	03/04/2011	06.15	Over Voltage
Karad - Kolhapur - II	02/04/2011	22.03	03/04/2011	07.29	Over Voltage
Bhusawal- Aurangabad	03/04/2011	21.48	04/04/2011	05.45	Over Voltage
Karad - Kolhapur - I	04/04/2011	00.33		Continued.	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
BBLSR-Waluj-I	02/04/2011	20.32	03/04/2011	10.54	Over Voltage.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Apr/2011

Position as on 6.30 Hrs of 04/Apr/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Kalwa - Salshet - I	18/02/2011	10.56		Continued.	From Kalwa End
Voltage Level : 400KV			Outage Type TRIPPED		
Newkoyna - Jaigad - I	03/04/2011	14.33	03/04/2011	14.35	PLCC Communication Problem
Voltage Level : 220KV			Outage Type TRIPPED		
Parli Ext.-Nanded	03/04/2011	01.50	03/04/2011	02.16	Distance protection.
New Parli-Nanded	03/04/2011	01.50	03/04/2011	02.16	Distance Protection
220/100KV 200MVA ICT-III at Kalwa	03/04/2011	16.00		Continued.	Buchholz Trip,Diff.Prot.operated,PRV tripped
Voltage Level : 132KV			Outage Type TRIPPED		
Chalisgaon - Kannad	03/04/2011	16.16	03/04/2011	16.20	FTR Protection operated
Paras - Akot	03/04/2011	16.58	03/04/2011	17.13	Distance Protection
Achalpur - Anjangaon	03/04/2011	16.58	03/04/2011	17.23	Backup Protection operated

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 04/Apr/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	180
Unit 6	210	190
Unit 7	210	190
	620	560
Bhusawal		
Unit 2	210	150
Unit 3	210	180
Unit 4	0	
	420	330
Parli		
Unit 3	210	200
Unit 4	210	185
Unit 5	210	155
Unit 6	250	170
Unit 7	250	170
	1130	880
Chandrapur		
Unit 1	210	150
Unit 2	210	150
Unit 3	210	190
Unit 4	210	180
Unit 5	500	450
Unit 6	500	450
Unit 7	500	350
	2340	1920
Paras		
Unit 3	250	0
Unit 4	250	250
	500	250
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	85
Unit 3	210	190
Unit 4	210	210
Unit 5	210	180
	870	750
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	5
BHIRA T.R.	80	80
RNGR+BHTSA	20	14
BHANDARDRA	45	25
ELDARY	23	
SMLHY PTN	12	11
GHATGHAR	250	
	611	274
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	230
Other CPPs	0	
	1005	780
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	3305
	3455	3305