



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

State Load Dispatch Center, Airoli

Daily system Report

for

02/Apr/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 02/Apr/2011 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	132.681	271.488	1) Madhya Pradesh	47.350	100.476
2) Hydro	19.761	32.440	2) Gujrat	34.737	66.022
3) Gas	15.386	27.071	3) Goa	-6.146	-13.255
Total MSGENCO	167.828	330.999	4) TAPS 1&2 (Inj.)	3.325	5.729
B) OTHERS			5) Pench (Excess)	-0.563	-0.863
1) RGPPL Gas	35.887	72.080	# Total Cent. Sector	78.703	158.109
2) Wind Generation	7.622	18.344	F) Other Exchanges		
3) CPP	21.086	40.035	1) With TPCL (Excess)	-10.334	-26.563
4) PENCH (MS)	0.563	0.863	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	14.364	28.613
1) TPCL Thermal	22.674	42.508	Include PX	0.000	0.000
2) TPCL Hydro	4.111	10.719	2) MUMBAI Bilateral	12.001	27.092
TOTAL TPCL	26.785	53.227	Include PX	0.456	3.748
3) REL Thermal	12.606	25.294	3) MUMBAI Schedule	12.001	28.667
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	167.961	339.290	1) MSEDCL	301.355	593.867
2) Hydro (A2+B3+C2)	24.435	44.022	2) TPCL	32.516	68.978
3) Gas (A3+B1)	51.273	99.151	3) REL	17.206	36.102
4) Wind (B2)	7.622	18.344	TOTAL STATE	351.077	698.947
5) CPP (B3)	21.086	40.035			
TOTAL STATE	272.377	540.842			

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	5577	5431	5591
MSGENCO Hydro	1420	877	163
MSGENCO Gas	638	642	673
MSGENCO Total Generation	7635	6950	6427
Central Sector Receipt	3532	3730	2792
RGPPL	1492	1486	1497
WIND	212	452	378
CPP	921	892	782
Exchange with Mumbai	-499	-504	-290
MSEDCL DEMAND MET	13293	13058	11586
Load Shedding (LS)	152	20	0
MSEDCL DEMAND (INCL. LS)	13445	13078	11586
TPCL GENERATION	1465	1185	821
REL GENERATION	528	527	529
TPCL+REL DEMAND	2492	2216	1640
STATE DEMAND MET	15785	15274	13226
Load Management (LM)	2224	3383	1723
Total Load Relief (LS+LM)	2376	3403	1723
UNRESTRICTED STATE DEMAND	18161	18677	14949
Frequency (Hz)	49.78	49.42	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.29 Hz at 18:40 Hrs	48.98 Hz at 19:26 Hrs	49.79	1.31 % 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 02/Apr/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.21	8.37	182	170	180
Unit 6	4.39	9.08	194	141	150
Unit 7	4.59	9.16	200	175	200
	13.19	26.61			530
Bhusawal					
Unit 2	4.04	8.24	185	150	190
Unit 3	4.42	8.89	195	165	200
Unit 4		0.00	0	0	
	8.46	17.12			390
Parli					
Unit 3	3.62	8.04	192	0	200
Unit 4	4.65	9.24	203	183	200
Unit 5	3.96	8.38	183	146	180
Unit 6	5.65	11.22	245	225	235
Unit 7	5.55	10.55	245	205	210
	23.42	47.43			1025
Chandrapur					
Unit 1	4.00	7.43	177	150	165
Unit 2	4.02	7.71	172	155	165
Unit 3	4.10	8.48	195	142	190
Unit 4	4.41	8.63	195	150	190
Unit 5	11.42	22.18	485	460	480
Unit 6	10.90	21.59	485	365	480
Unit 7	9.76	20.64	471	213	450
	48.61	96.66			2120
Paras					
Unit 3	0.00	3.46	0	0	0
Unit 4	5.05	10.71	237	175	230
	5.05	14.18			230
Khaparkheda					
Unit 1	4.86	9.42	210	195	210
Unit 2	4.45	9.07	195	177	210
Unit 3	4.87	9.64	220	167	210
Unit 4	5.27	10.54	222	214	210
Unit 5			0	0	
	19.45	38.66			840
Nasik					
Unit 1	1.92	3.88	85	75	90
Unit 2	1.92	3.96	85	73	90
Unit 3	3.60	7.86	165	120	190
Unit 4	3.71	7.83	174	133	192
Unit 5	3.34	7.30	162	98	162
	14.50	30.82			724
Uran					
All Units	15.39	27.07	680	560	640
	15.39	27.07			640
Dabhol					
RGPPL	35.89	72.08	1521	1486	1500
	35.89	72.08			1500
Koyna					
Stage 1-2	3.68	6.60	450	40	600
Stage 4	7.87	11.04	985	0	250
Stage 3	2.38	3.93	320	0	320
	13.94	21.57			1170
Kovna 12&4 Total	11.56	17.63			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.46	0.92	20	19	19
VTRNA	0.98	2.24	61	0	60
TILLARI	0.36	0.74	60	0	60
BHTGR/VEER	0.43	0.86	18	17	18
BHIRA T.R.	0.29	0.75	81	0	80
RNGR+BHTSA	0.60	0.96	25	24	15
BHANDARDRA	0.66	1.40	28	27	31
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.81	1.77	34	33	0
GHATGHAR	1.24	1.24	250	0	0
	5.82	10.87			283
PENCH (MS)					
Pench (MS)	0.56	0.86	53	0	
	0.56	0.86			
Wind					
MalharPeth	0.13	0.67			
Vankuswadi	0.45	1.23			
ATIT	0.06	0.69			
Kale	0.19	0.57			
Satara	0.83	1.62			
Shirala	0.19	0.70			
K Mahankal	0.03	0.28			
Supa	0.08	0.27			
Vita	1.14	2.85			
Dondaicha	3.20	6.37			
Sakri	0.48	0.97			
Nandurbar	0.44	0.89			
Khandke	0.18	0.58			
Khaparale	0.21	0.65			
	7.62	18.34			
CPP					
JSW JAIGAD	13.92	26.92	610	511	550
WARDHA	2.80	4.71	132	97	120
Other CPPs	4.36	8.41			
	21.09	40.04			670
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	5.28	7.96	350	180	200
Trombay 6	7.72	16.87	400	200	500
Trombay 7A	2.94	5.87	125	118	120
Trombay 7B	1.59	3.19	67	65	60
Trombay 8	5.14	8.61	250	150	250
TATA Hydro	4.11	10.72	426	0	447
	26.78	53.23			1577
REL					
1&2	12.61	25.29	529	494	500
	12.61	25.29			500
Cent Sect					
Share					3234
					3234

MS PG CL	Thermal	132.68	271.49		5859
	Thml+Gas	148.07	298.56		6499
	Hydro	19.76	32.44		1453
	Total	167.83	331.00		7952
State Total		272.38	540.84		15433

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/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	5569	224	560	6353	1495	342	791	3023	2745	-596	-590	11155	3223	11155	2011	16389	49.69
2	5584	168	578	6330	1496	346	773	2924	2494	-494	-428	11019	3209	11019	1827	16055	49.84
3	5596	168	662	6426	1498	387	781	2876	2745	-445	-349	11488	2045	11488	1709	15242	49.99
4	5591	163	673	6427	1497	378	782	2791	2792	-357	-290	11586	1723	11586	1640	14949	49.96
5	5660	168	674	6502	1499	354	802	2767	2822	-333	-275	11704	1783	11704	1627	15114	49.86
6	5576	530	674	6780	1500	339	894	2743	2856	-308	-290	12094	1967	12094	1667	15728	49.64
7	5647	875	678	7200	1521	347	922	2969	2865	-333	-299	12561	2241	12633	1719	16521	49.75
8	5662	891	680	7233	1521	253	931	2993	3243	-357	-327	12854	2365	13028	1783	17002	49.90
9	5614	960	666	7240	1514	221	903	3050	3541	-405	-389	13030	2313	13145	1996	17339	49.87
10	5603	1124	655	7382	1491	245	926	3136	3526	-492	-444	13126	2344	13274	2263	17733	49.83
11	5610	922	646	7178	1491	231	921	3246	3705	-592	-537	12989	2351	13149	2475	17815	49.88
12	5577	1420	638	7635	1492	212	921	3246	3532	-592	-499	13293	2376	13445	2492	18161	49.78
13	5635	1824	635	8094	1494	235	924	3246	3349	-592	-565	13531	2359	13668	2516	18406	49.72
14	5566	1728	630	7924	1493	250	922	3249	3648	-592	-475	13762	2336	13876	2379	18477	49.91
15	5590	1799	623	8012	1492	223	935	3286	3337	-587	-451	13595	2074	13629	2321	17990	49.42
16	5647	1841	621	8109	1490	247	920	3293	3360	-535	-422	13756	1968	13761	2258	17982	49.58
17	5645	1690	625	7960	1488	296	925	3293	3201	-535	-399	13523	1984	13540	2206	17713	49.72
18	5487	1023	632	7142	1488	350	896	3293	3441	-535	-379	12991	1899	13012	2129	17019	49.87
19	5419	495	631	6545	1488	321	897	3068	3684	-482	-355	12632	2988	12653	2083	17703	49.88
20	5431	877	642	6950	1486	452	892	3264	3730	-591	-504	13058	3403	13078	2216	18677	49.42
21	5305	286	618	6209	1489	489	867	3283	3942	-615	-566	12482	3409	12500	2250	18141	49.99
22	5285	231	651	6167	1489	369	888	3212	3654	-615	-572	12047	3409	12065	2167	17623	49.98
23	5222	177	645	6044	1487	383	886	3077	3215	-523	-478	11589	3391	11589	2024	17004	49.81
24	5160	177	649	5986	1488	352	787	2948	3276	-499	-451	11490	3350	11490	1967	16807	49.73
MUs	132.68	19.76	15.39	167.83	35.89	7.62	21.09	74.28	78.70	-12.00	-10.33	301.36	60.51	302.58	49.72	411.59	49.79

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 02/Apr/2011

Position as on 6.30 Hrs of 03/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							
CPP WPCL U-3	135	30/03/2011	13.04	02/04/2011	05.52	Bus Bar Protection Operated @ WPCL Unit.	
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
Uran Unit A0	120	01/04/2011	19.29	02/04/2011	00.09	Clean Drain Level High Shrotup.	
Parli Unit 3	210	02/04/2011	20.05	03/04/2011	09.45	Air Heater damage.	
Koyna 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	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/Apr/2011

Position as on 6.30 Hrs of 03/Apr/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Koradi-Bhilai	01/04/2011	19.06	02/04/2011	14.22	R Ph ICT Leakage.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Borivali -Tarapur	03/04/2011	09.10		Continued.	LILO work of 220KV Borivali-Boilsrer at 220KV Ghodbandar.(up to 20.04.2011)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - II	31/03/2011	00.04	02/04/2011	08.29	Over Voltage.
Kolhapur - Mapusa - II	01/04/2011	23.31	02/04/2011	08.48	Over Voltage.
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.
Hinjawadi-I - Hinjawadi-II	01/04/2011	23.15	02/04/2011	07.30	To attend hot spot.
Bus section - I @ Pawas	02/04/2011	12.17	02/04/2011	14.44	T attend red hot on Y ph.insulator string.
Khargar-Topworth	03/04/2011	08.32	03/04/2011	20.31	E/W replacement
Khargar-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-Bhoisor at 220KV Ghodbandar(Up to 20/4/11)
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Dhule-Dondaicha	31/03/2011	14.40	02/04/2011	12.35	132KV Line Side Isolator Replacement Work
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	01/04/2011	21.38	02/04/2011	07.13	Over Voltage.(Taken on TBC)
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
Voltage Level : 220KV			Outage Type HAND TRIPPED		

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/Apr/2011

Position as on 6.30 Hrs of 03/Apr/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
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
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		
400/220KV,500MVA ICT-III At Kalwa.	01/04/2011	04.36	02/04/2011	06.52	Y Ph C T Burst of ICT-III.
Babaleshwar - Bhusawal	02/04/2011	16.16	02/04/2011	16.45	Distance protection.
Newkoyna - Jaigad - I	03/04/2011	14.33	03/04/2011	14.35	PLCC Communication Problem
Voltage Level : 220KV			Outage Type TRIPPED		
220 KV Bus Coupler @ New Koyna	02/04/2011	04.18	02/04/2011	04.52	O/C & E/F Protection Opearated.
New Koyna - Pawas	02/04/2011	04.18	02/04/2011	05.00	Distance Protection
Pawas-Kharepatan	02/04/2011	04.40	02/04/2011	04.59	O/C & E/F Protection
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 03/Apr/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	175
Unit 6	210	190
Unit 7	210	200
	620	565
Bhusawal		
Unit 2	210	165
Unit 3	210	185
Unit 4	0	
	420	350
Parli		
Unit 3	210	0
Unit 4	210	200
Unit 5	210	180
Unit 6	250	240
Unit 7	250	210
	1130	830
Chandrapur		
Unit 1	210	165
Unit 2	210	165
Unit 3	210	195
Unit 4	210	190
Unit 5	500	480
Unit 6	500	460
Unit 7	500	310
	2340	1965
Paras		
Unit 3	250	0
Unit 4	250	240
	500	240
Khaparkheda		
Unit 1	210	191
Unit 2	210	190
Unit 3	210	192
Unit 4	210	193
Unit 5	0	
	840	766
Nasik		
Unit 1	120	75
Unit 2	120	75
Unit 3	210	160
Unit 4	210	160
Unit 5	210	160
	870	630
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	20

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	10
BHIRA T.R.	80	80
RNGR+BHTSA	20	10
BHANDARDRA	45	30
ELDARY	23	0
SMLHY PTN	12	21
GHATGHAR	250	0
	611	291
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	120
Other CPPs	0	
	1005	670
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	3179
	3455	3179