



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

State Load Dispatch Center, Airoli

Daily system Report

for

01/Mar/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 01/Mar/2011 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	134.771	134.771	1) Madhya Pradesh	60.707	60.707
2) Hydro	9.330	9.330	2) Gujrat	27.403	27.403
3) Gas	15.724	15.724	3) Goa	-5.047	-5.047
Total MSGENCO	159.825	159.825	4) TAPS 1&2 (Inj.)	7.615	7.615
B) OTHERS			5) Pench (Excess)	0.000	0.000
1) RGPPL Gas	29.102	29.102	# Total Cent. Sector	90.678	90.678
2) Wind Generation	2.781	2.781	F) Other Exchanges		
3) CPP	22.536	22.536	1) With TPCL (Excess)	-9.285	-9.285
4) PENCH (MS)	0.000	0.000	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	18.021	18.021
1) TPCL Thermal	25.100	25.100	Include PX	0.000	0.000
2) TPCL Hydro	3.703	3.703	2) MUMBAI Bilateral	8.629	8.629
TOTAL TPCL	28.803	28.803	Include PX	1.297	1.297
3) REL Thermal	12.668	12.668	3) MUMBAI Schedule	8.629	8.629
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	172.539	172.539	1) MSEDCL	295.637	295.637
2) Hydro (A2+B3+C2)	13.033	13.033	2) TPCL	33.173	33.173
3) Gas (A3+B1)	44.826	44.826	3) REL	17.581	17.581
4) Wind (B2)	2.781	2.781	TOTAL STATE	346.391	346.391
5) CPP (B3)	22.536	22.536			
TOTAL STATE	255.715	255.715			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	5699	5669	5364
MSGENCO Hydro	390	801	152
MSGENCO Gas	646	654	673
MSGENCO Total Generation	6735	7124	6189
Central Sector Receipt	4338	4192	2518
RGPPL	1295	1160	1148
WIND	122	166	52
CPP	953	882	893
Exchange with Mumbai	-541	-544	-145
MSEDCL DEMAND MET	12902	12980	10655
Load Shedding (LS)	392	42	0
MSEDCL DEMAND (INCL. LS)	13294	13022	10655
TPCL GENERATION	1521	1448	852
REL GENERATION	527	527	530
TPCL+REL DEMAND	2589	2519	1527
STATE DEMAND MET	15491	15499	12182
Load Management (LM)	1926	3227	0
Total Load Relief (LS+LM)	2318	3269	0
UNRESTRICTED STATE DEMAND	17809	18768	12182
Frequency (Hz)	49.93	49.96	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.42 Hz at 23.42 Hrs	49.61 Hz at 15.35 Hrs	49.94	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 01/Mar/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.04	4.04	179	160	165
Unit 6	4.34	4.34	190	170	180
Unit 7	1.38	1.38	190	0	190
	9.75	9.75			535
Bhusawal					
Unit 2	3.98	3.98	180	145	190
Unit 3	4.34	4.34	190	165	200
Unit 4			0	0	
	8.31	8.31			390
Parli					
Unit 3	4.46	4.46	198	152	185
Unit 4	3.56	3.56	172	0	180
Unit 5	4.27	4.27	203	135	200
Unit 6	3.88	3.88	195	110	150
Unit 7	3.94	3.94	204	124	160
	20.11	20.11			875
Chandrapur					
Unit 1	3.90	3.90	165	155	170
Unit 2	4.02	4.02	171	160	165
Unit 3	3.98	3.98	198	67	200
Unit 4	4.44	4.44	190	164	185
Unit 5	11.46	11.46	495	460	490
Unit 6	11.12	11.12	480	434	470
Unit 7	10.60	10.60	483	360	450
	49.51	49.51			2130
Paras					
Unit 3	5.52	5.52	249	190	230
Unit 4	5.62	5.62	250	217	225
	11.14	11.14			455
Khaparkheda					
Unit 1	5.06	5.06	215	210	210
Unit 2	4.80	4.80	206	190	210
Unit 3	5.06	5.06	220	198	210
Unit 4	5.24	5.24	222	207	210
Unit 5			0	0	
	20.16	20.16			840
Nasik					
Unit 1	2.10	2.10	96	76	95
Unit 2	2.04	2.04	95	63	100
Unit 3	4.53	4.53	200	170	195
Unit 4	3.01	3.01	207	0	0
Unit 5	4.12	4.12	183	150	170
	15.80	15.80			560
Uran					
All Units	15.72	15.72	677	621	640
	15.72	15.72			640
Dabhol					
RGPPL	29.10	29.10	1307	1130	1250
	29.10	29.10			1250
Koyna					
Stage 1-2	2.04	2.04	295	30	520
Stage 4	0.94	0.94	270	0	250
Stage 3	0.65	0.65	154	0	320
	3.64	3.64			1090
Kovna 12&4 Total	2.99	2.99			770

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	0.00	0	0	18
VTRNA	1.46	1.46	61	60	60
TILLARI	0.42	0.42	60	0	60
BHTGR/VEER	0.07	0.07	3	3	3
BHIRA T.R.	0.22	0.22	81	0	80
RNGR+BHTSA	0.38	0.38	16	16	16
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	
SMLHY PTN	1.08	1.08	52	42	11
GHATGHAR	2.05	2.05	250	0	
	5.69	5.69			248
PENCH (MS)					
Pench (MS)	0.00	0.00	0	0	
	0.00	0.00			
Wind					
MalharPeth	0.10	0.10			
Vankuswadi	0.21	0.21			
ATIT	0.06	0.06			
Kale	0.06	0.06			
Satara	0.10	0.10			
Shirala	0.07	0.07			
K Mahankal	0.06	0.06			
Supa	0.04	0.04			
Vita	0.72	0.72			
Dondaicha	0.72	0.72			
Nandurbar	0.05	0.05			
Khandke	0.36	0.36			
Khaparale	0.10	0.10			
	2.66	2.66			
CPP					
JSW JAIGAD	11.15	11.15	472	454	475
WARDHA	6.45	6.45	349	188	306
Other CPPs	4.94	4.94			
	22.54	22.54			781
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.68	10.68	480	310	500
Trombay 6	7.16	7.16	460	150	500
Trombay 7A	2.94	2.94	126	118	120
Trombay 7B	1.62	1.62	68	67	60
Trombay 8	2.70	2.70	125	105	250
TATA Hydro	3.70	3.70	306	0	447
	28.80	28.80			1877
REL					
1&2	12.67	12.67	530	526	500
	12.67	12.67			500
Cent Sect					
Share					3804
					3804

MS PG CL	Thermal	134.77	134.77			5785
	Thml+Gas	150.50	150.50			6425
	Hydro	9.33	9.33			1338
	Total	159.82	159.82			7763
State Total		255.72	255.72			15975

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/Mar/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	5521	162	662	6345	1158	115	917	3345	2676	-170	-198	11013	0	11013	1664	12677	49.90
2	5364	152	673	6189	1148	52	893	3187	2518	-143	-145	10655	0	10655	1527	12182	49.96
3	5534	162	672	6368	1148	71	871	3093	2733	-91	-118	11073	13	11086	1423	12509	50.05
4	5670	167	672	6509	1143	74	886	3069	2639	-65	-101	11150	13	11163	1388	12551	50.06
5	5638	167	674	6479	1130	122	893	3203	2791	-65	-95	11320	760	11333	1391	13471	49.88
6	5651	162	677	6490	1130	175	905	3247	3173	-65	-97	11776	1911	11829	1502	15189	49.93
7	5649	162	671	6482	1265	200	970	3368	3495	-143	-162	12250	2070	12340	1627	15947	49.90
8	5672	167	673	6512	1307	178	967	3416	3962	-196	-264	12662	2143	12821	1775	16580	49.98
9	5652	389	671	6712	1307	187	974	3501	4040	-301	-363	12857	2239	13112	2024	17120	49.94
10	5629	803	669	7101	1305	173	956	3552	3983	-349	-389	13129	2287	13432	2329	17745	49.85
11	5699	390	646	6735	1295	122	953	3702	4338	-496	-541	12902	2318	13294	2589	17809	49.93
12	5686	510	638	6834	1285	66	950	3750	4251	-544	-613	12773	2349	13141	2684	17806	49.90
13	5630	460	634	6724	1287	48	1005	3826	4474	-624	-650	12888	2316	13223	2674	17878	49.93
14	5674	412	621	6707	1284	53	1008	3730	4529	-528	-542	13039	2280	13338	2539	17858	49.99
15	5668	427	625	6720	1276	46	1002	3730	4725	-528	-551	13218	2212	13550	2552	17982	49.89
16	5698	551	626	6875	1240	67	995	3778	4315	-576	-587	12905	2219	13244	2590	17714	49.86
17	5657	655	635	6947	1234	138	1024	3730	4570	-528	-556	13357	2104	13593	2542	18003	49.93
18	5580	725	640	6945	1233	170	1017	3706	4376	-504	-510	13231	1936	13478	2498	17665	49.89
19	5586	851	644	7081	1220	177	929	3701	3937	-432	-439	12905	2956	13052	2453	18314	49.91
20	5669	801	654	7124	1160	166	882	3809	4192	-528	-544	12980	3269	13022	2519	18768	49.96
21	5666	529	652	6847	1151	156	886	3785	4103	-504	-495	12648	3252	12673	2400	18300	49.93
22	5519	203	663	6385	1131	95	878	3761	4010	-480	-468	12031	3233	12040	2226	17490	50.03
23	5593	162	665	6420	1130	65	890	3659	3807	-410	-490	11822	3178	11822	1991	16991	49.94
24	5466	161	667	6294	1135	65	885	3523	3041	-359	-367	11053	3178	11053	1849	16080	50.13
MUs	134.7 7	9.33	15.72	159.82	29.10	2.78	22.54	85.17	90.68	-8.63	-9.28	295.64	48.24	299.31	50.76	394.63	49.94

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 01/Mar/2011

Position as on 6.30 Hrs of 02/Mar/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Dabhol 3B	230	04/01/2011	16:44		Continued.	Rehabilitation work.	05/03/2011
Dabhol 3A	230	29/01/2011	17.35		Continued.	Heavy leakage in CW Duct	28/02/2011
Dabhol 3X	290	29/01/2011	17.35		Continued.	Hand Tripped	28/02/2011
FORCED OUTAGE							
Koyna Unit 5	80	27/02/2011	07.25		Continued.	Needle replacement	05/03/2011
Nasik Unit 4	210	28/02/2011	03.05	01/03/2011	07.35	Bus Fault	
Parli Unit 4	210	28/02/2011	21.28	01/03/2011	02.10	H2 Cooler Drem Line Leakage.	
Koradi Unit 7	210	01/03/2011	07.30		Continued.	Air Preheater Problem.	
Dabhol 1A	230	02/03/2011	02.35	02/03/2011	04.04	Problem in Fuel Gas Pressure @ GAIL End.	
Dabhol 1B	230	02/03/2011	02.35		Continued.	Problem in Fuel Gas Pressure @ GAIL End.	
Dabhol 1X	290	02/03/2011	02.35	02/03/2011	06.04	Problem in Fuel Gas Pressure @ GAIL End.	
Dabhol 2A	230	02/03/2011	02.35	02/03/2011	05.14	Problem in Fuel Gas Pressure @ GAIL End.	
Dabhol 2B	230	02/03/2011	02.35		Continued.	Problem in Fuel Gas Pressure @ GAIL End.	
Dabhol 2X	290	02/03/2011	02.35		Continued.	Problem in Fuel Gas Pressure @ GAIL End.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/Mar/2011

Position as on 6.30 Hrs of 02/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Nasik-Navsari-I	01/03/2011	08.53	01/03/2011	18.53	To Work @ Navasari End.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Pench - Kanhan	01/03/2011	09.30		Continued.	Replacement of E/W @ Loc No.168 to 177.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur - Mapusa - II	01/03/2011	00.50	01/03/2011	09.03	Over Voltage
Akola - Wardha - I	01/03/2011	01.05	01/03/2011	12.07	Over Voltage
Kolhapur - Mapusa - II	01/03/2011	23.35		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Sar'Sarovar - II	28/02/2011	18.04		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Kalmeshwar - Pandurna	01/03/2011	23.39	01/03/2011	24.00	Distance Protection R Ph Earth Fault.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Lonikand - Jejuri	24/02/2011	08.37		Continued.	Increasing height at crossing point, upto 03-03-2011.
Lonikand- Koyna Stage IV	24/02/2011	10.10		Continued.	Increasing height at crossing point, upto 03-03-2011.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 Month Outage.)
220/100 KV 125 MVA ICT-III @ Trombay	06/01/2011	12.03		Continued.	Augmentation by New 200 MVA ICT up to 20.03.2011.
Borivali-Mulund	06/02/2011	22.17		Continued.	From Borivali end for strengthening Mumbai system up to 28.02.11
Kalwa - Borivali	06/02/2011	22.51		Continued.	From Kalwa end strengthening Mumbai system up to 28.02.11
220/110 KV 100 MVA T/F - II @ Mudshingi	07/02/2011	15.12		Continued.	Augmentation by 200 MVA. up to 15/03/11
220/132KV 100 MVA ICT-I @ Khadka	10/02/2011	10.14		Continued.	Replacement of 100MVA by 200 MVA ICT (upto 06.03.11)
Tifil-Trombay	13/02/2011	09.50		Continued.	Stringing of new Ckt. between loc.no.22-39 on newly erected towers
220/132 KV 150 MVA ICT-I @ Dhule	26/02/2011	10.55		Continued.	Repl. of 150MVA ICT by 200MVA ICT
220 KV TBC @ Bhusawal - II	28/02/2011	09.13		Continued.	Isolator Replacement Work.
Babaleshwar - Ranjangaon	28/02/2011	10.00		Continued.	Insulator Replacement.
220/100KV 125 MVA ICT-II @ Kalwa	28/02/2011	11.10		Continued.	Augmentation to 200 MVA.
Pedambe-Tambati	01/03/2011	08.45	01/03/2011	18.05	Replacement of Insulators.
Kandalgaon - ONGC	01/03/2011	09.07	01/03/2011	18.30	Replacement of Insulators.
Karad - Vita - I	01/03/2011	09.58	01/03/2011	16.20	Hot Spot Attending.
Karad-.Kolhapur-III	01/03/2011	12.07	01/03/2011	18.44	Replacement of Insulator(Upto Wathar)
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
TBC @ Bhusawal - I	28/02/2011	14.35		Continued.	Replacement of R,Y,B Ph C T of TBC.
Mansar - Pench	01/03/2011	09.30		Continued.	Replacement of E/W @ Loc No.168 to 177.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/Mar/2011

Position as on 6.30 Hrs of 02/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV 315 MVA ICT-I @ Parly.	11/02/2011	22.43		Continued.	PDR problem (ICT LV side is on TBC)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad-Kolhapur-II	27/02/2011	23.49	01/03/2011	07.45	Over Voltage
Karad - Kolhapur - I	01/03/2011	21.46		Continued.	Over Voltage.
Bhusawal- Aurangabad	01/03/2011	22.49	02/03/2011	05.36	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Babaleshwar - Bhenda	10/01/2011	09.30		Continued.	To Control Babaleshwar ICT Load.
Chandrapur-Warora - I	01/02/2011	00.39		Continued.	To Control Line Loading of 220KV Warora-Hinganghat.
Dhule-Chalisgaon	25/02/2011	14.04		Continued.	To control Dhule 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		
New Koyna - Stage IV	02/03/2011	03.18		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Malegaon-Satana	28/02/2011	20.56	01/03/2011	15.07	Distance Protection R & Y Ph.
Shendra-Jalna Ckt.	28/02/2011	21.24	01/03/2011	14.04	Due to 220 KV TBC Y Ph C T Burst.
Jejuri-Phursungi	01/03/2011	06.27	01/03/2011	06.40	Dist.Prot.
Chinchwad - Parvati	01/03/2011	09.04		Continued.	To Control Lonikand ICT Loading.
Khargar-Topworth	01/03/2011	12.49	01/03/2011	13.27	Distance Protection.
Khaperkheda-Purti	01/03/2011	21.56		Continued.	Distance Protection.
Voltage Level : 132KV			Outage Type TRIPPED		
Babaleshwar - Kopargaon	28/02/2011	16.05	01/03/2011	01.05	Dist.Prot., R Ph Cond. Snapped 22 KM From Bblsr.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 02/Mar/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	165
Unit 6	210	195
Unit 7	210	0
	620	360
Bhusawal		
Unit 2	210	175
Unit 3	210	200
Unit 4	500	
	920	375
Parli		
Unit 3	210	190
Unit 4	210	170
Unit 5	210	120
Unit 6	250	105
Unit 7	250	85
	1130	670
Chandrapur		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	200
Unit 4	210	190
Unit 5	500	490
Unit 6	500	470
Unit 7	500	470
	2340	2140
Paras		
Unit 3	250	230
Unit 4	250	200
	500	430
Khaparkheda		
Unit 1	210	215
Unit 2	210	200
Unit 3	210	215
Unit 4	210	220
Unit 5	500	
	1340	850
Nasik		
Unit 1	120	81
Unit 2	120	81
Unit 3	210	172
Unit 4	210	192
Unit 5	210	162
	870	688
Uran		
All Units	852	640
	852	640
Dabhol		
RGPP	960	1200
	960	1200
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	0

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	3
BHIRA T.R.	80	80
RNGR+BHTSA	20	16
BHANDARDRA	45	0
ELDARY	23	
SMLHY PTN	12	
GHATGHAR	250	
	611	219
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	
Nandurbar	0	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	300	475
WARDHA	135	306
Other CPPs	0	
	435	781
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	297
	2024	1727
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3629
	3143	3629