



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

State Load Dispatch Center, Airoli

Daily system Report

for

03/Mar/2011

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	134.529	402.917	1) Madhya Pradesh	60.943	184.713
2) Hydro	18.905	50.889	2) Gujrat	29.137	83.531
3) Gas	15.612	47.023	3) Goa	-6.890	-18.686
Total MSGENCO	169.046	500.829	4) TAPS 1&2 (Inj.)	7.495	22.768
B) OTHERS			5) Pench (Excess)	-0.343	-0.601
1) RGPPL Gas	22.892	68.028	# Total Cent. Sector	90.342	271.725
2) Wind Generation	3.319	7.120	F) Other Exchanges		
3) CPP	25.233	71.498	1) With TPCL (Excess)	-10.496	-28.221
4) PENCH (MS)	0.343	0.601	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	17.931	53.883
1) TPCL Thermal	24.562	72.874	Include PX	0.000	0.000
2) TPCL Hydro	3.707	10.910	2) MUMBAI Bilateral	9.912	26.460
TOTAL TPCL	28.269	83.784	Include PX	2.426	4.729
3) REL Thermal	12.658	37.995	3) MUMBAI Schedule	9.912	26.460
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	171.749	513.786	1) MSEDCL	300.679	891.580
2) Hydro (A2+B3+C2)	22.955	62.400	2) TPCL	34.098	98.187
3) Gas (A3+B1)	38.504	115.051	3) REL	17.322	51.807
4) Wind (B2)	3.319	7.120	TOTAL STATE	352.099	1041.574
5) CPP (B3)	25.233	71.498			
TOTAL STATE	261.760	769.855			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	5588	5656	5607
MSGENCO Hydro	1212	933	150
MSGENCO Gas	617	653	670
MSGENCO Total Generation	7417	7242	6427
Central Sector Receipt	4276	3712	2993
RGPPL	941	950	963
WIND	43	372	85
CPP	1092	1107	980
Exchange with Mumbai	-693	-608	-197
MSEDCL DEMAND MET	13092	12828	11251
Load Shedding (LS)	338	37	0
MSEDCL DEMAND (INCL. LS)	13430	12865	11251
TPCL GENERATION	1485	1437	817
REL GENERATION	527	527	528
TPCL+REL DEMAND	2705	2572	1542
STATE DEMAND MET	15797	15400	12793
Load Management (LM)	2038	3410	0
Total Load Relief (LS+LM)	2376	3447	0
UNRESTRICTED STATE DEMAND	18173	18847	12793
Frequency (Hz)	49.90	49.85	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.34 Hz at 13.03 Hrs	49.4 Hz at 18.51 Hrs	49.89	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/Mar/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.10	12.24	183	152	180
Unit 6	4.34	13.12	191	145	190
Unit 7	0.43	1.80	115	0	0
	8.87	27.16			370
Bhusawal					
Unit 2	4.38	12.58	190	175	190
Unit 3	4.64	13.52	200	170	200
Unit 4			0	0	
	9.02	26.10			390
Parli					
Unit 3	4.27	13.03	192	163	182
Unit 4	4.20	11.80	180	166	183
Unit 5	3.95	11.77	180	146	150
Unit 6	3.61	10.81	188	101	180
Unit 7	2.89	10.08	183	71	180
	18.92	57.50			875
Chandrapur					
Unit 1	3.77	11.43	165	149	165
Unit 2	4.10	11.99	173	168	165
Unit 3	4.68	13.28	200	188	200
Unit 4	4.36	13.16	196	142	185
Unit 5	11.60	34.59	495	470	490
Unit 6	11.28	33.47	480	447	470
Unit 7	10.04	31.16	466	335	360
	49.84	149.07			2035
Paras					
Unit 3	5.82	16.52	260	212	240
Unit 4	5.18	15.88	245	190	240
	11.00	32.40			480
Khaparkheda					
Unit 1	5.06	15.18	215	200	210
Unit 2	4.68	14.31	200	190	210
Unit 3	5.22	15.58	222	215	210
Unit 4	5.22	15.76	222	204	210
Unit 5			0	0	
	20.18	60.84			840
Nasik					
Unit 1	1.86	5.98	93	58	81
Unit 2	2.00	6.07	91	70	81
Unit 3	4.40	13.52	200	170	172
Unit 4	4.30	11.89	193	159	192
Unit 5	4.14	12.40	184	158	162
	16.70	49.85			688
Uran					
All Units	15.61	47.02	678	615	660
	15.61	47.02			660
Dabhol					
RGPPL	22.89	68.03	971	937	960
	22.89	68.03			960
Koyna					
Stage 1-2	3.82	10.24	460	30	285
Stage 4	7.18	18.37	649	0	250
Stage 3	2.48	6.23	240	0	320
	13.48	34.84			855
Kovna 12&4 Total	11.00	28.61			535

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.27	0.27	19	0	0
VTRNA	1.46	4.38	61	60	60
TILLARI	0.47	1.31	60	0	60
BHTGR/VEER	0.05	0.17	2	2	5
BHIRA T.R.	0.17	0.65	79	0	80
RNGR+BHTSA	0.38	1.16	16	15	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	1.00	3.01	42	41	0
GHATGHAR	1.62	5.09	250	0	0
	5.43	16.05			220
PENCH (MS)					
Pench (MS)	0.34	0.60	53	0	
	0.34	0.60			
Wind					
MalharPeth	0.09	0.26			
Vankuswadi	0.26	0.67			
ATIT	0.03	0.11			
Kale	0.08	0.19			
Satara	0.08	0.24			
Shirala	0.05	0.16			
K Mahankal	0.18	0.36			
Supa	0.11	0.24			
Vita	0.23	1.04			
Dondaicha	1.48	2.28			
Nandurbar	0.18	0.24			
Khandke	0.20	0.68			
Khaparale	0.10	0.25			
	3.07	6.73			
CPP					
JSW JAIGAD	11.77	34.06	525	204	475
WARDHA	7.80	21.05	367	247	365
Other CPPs	5.67	16.39			
	25.23	71.50			840
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.30	31.25	465	300	500
Trombay 6	5.97	17.68	375	150	500
Trombay 7A	2.92	8.78	124	118	120
Trombay 7B	1.61	4.85	68	65	60
Trombay 8	3.76	10.31	165	125	250
TATA Hydro	3.71	10.91	306	0	297
	28.27	83.78			1727
REL					
1&2	12.66	38.00	529	526	500
	12.66	38.00			500
Cent Sect					
Share					3673
					3673

MS PG CL	Thermal	134.53	402.92			5678
	Thml+Gas	150.14	449.94			6338
	Hydro	18.90	50.89			1075
	Total	169.05	500.83			7413
State Total		261.76	769.86			15113

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/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	5613	160	665	6438	956	97	986	3513	2854	-234	-270	11061	388	11061	1688	13137	49.88
2	5607	150	670	6427	963	85	980	3490	2993	-161	-197	11251	0	11251	1542	12793	49.99
3	5620	159	673	6452	966	73	986	3444	3218	-111	-93	11602	9	11611	1462	13073	50.05
4	5609	154	675	6438	965	63	992	3421	3459	-86	-73	11844	12	11853	1413	13269	50.02
5	5585	159	676	6420	964	68	992	3423	3629	-86	-99	11974	1603	11983	1418	14995	49.92
6	5555	247	678	6480	967	80	1032	3301	3619	-86	-94	12084	1898	12121	1512	15494	49.89
7	5586	867	671	7124	965	69	1108	3354	3493	-161	-188	12571	2225	12695	1653	16449	49.77
8	5651	1152	674	7477	971	84	1089	3401	3768	-211	-241	13148	2277	13324	1788	17213	49.89
9	5567	1015	660	7242	966	93	1093	3496	3875	-311	-340	12929	2427	13255	2037	17393	49.89
10	5612	1140	646	7398	959	88	1089	3544	4123	-361	-438	13260	2433	13592	2320	18013	49.80
11	5624	998	623	7245	953	72	1096	3787	4064	-604	-622	12859	2312	13136	2610	17781	49.99
12	5588	1212	617	7417	941	43	1092	3860	4276	-676	-693	13092	2376	13430	2705	18173	49.90
13	5603	1298	616	7517	937	25	1129	3936	4457	-756	-738	13327	2373	13662	2648	18348	49.45
14	5502	1283	615	7400	940	35	1148	3888	4495	-710	-725	13293	2319	13574	2572	18184	50.02
15	5496	1253	623	7372	940	52	1145	3864	4479	-686	-720	13268	2095	13544	2614	17977	49.87
16	5552	1464	633	7649	942	91	1142	3864	4045	-686	-722	13147	2096	13424	2626	17869	49.87
17	5483	1502	640	7625	942	158	1142	3840	4406	-662	-702	13571	2079	13855	2615	18265	49.93
18	5507	1706	643	7856	945	272	1133	3719	3894	-538	-592	13508	2000	13788	2533	18041	49.83
19	5534	1140	644	7318	946	294	1101	3566	3562	-466	-519	12736	3105	12878	2506	18347	49.73
20	5656	933	653	7242	950	372	1107	3674	3712	-562	-608	12828	3447	12865	2572	18847	49.85
21	5752	361	653	6766	950	354	1071	3650	3816	-498	-525	12484	3446	12520	2418	18348	49.83
22	5771	189	654	6614	952	226	1013	3626	3680	-474	-496	12041	3422	12060	2260	17723	49.88
23	5721	174	655	6550	956	256	839	3585	3636	-450	-463	11814	3399	11824	2022	17235	49.98
24	5740	189	655	6584	956	269	728	3472	2787	-335	-338	10990	3389	10990	1889	16268	50.05
MUs	134.53	18.90	15.61	169.05	22.89	3.32	25.23	86.72	90.34	-9.91	-10.50	300.68	51.13	304.30	51.42	403.24	49.89

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/Mar/2011

Position as on 6.30 Hrs of 04/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	05/03/2011
Dabhol 3X	290	29/01/2011	17.35		Continued.	Hand Tripped	05/03/2011
Cent_Sect Tarapur 2	80	04/03/2011	01.25		Continued.	Refueling	03/04/2011
FORCED OUTAGE							
Koyna Unit 5	80	27/02/2011	07.25		Continued.	Needle replacement	05/03/2011
Koradi Unit 7	210	01/03/2011	07.30	03/03/2011	17.54	Air Preheater Problem.	
Koyna UNIT 6	75	02/03/2011	12.40	03/03/2011	07.00	Bus Fault.	
Koyna Unit 7	80	02/03/2011	12.40	03/03/2011	07.00	Bus Fault.	
Koyna Unit 8	80	02/03/2011	12.40	03/03/2011	07.00	Bus Fault.	
Dabhol 2B	230	02/03/2011	22.28		Continued.	Steam Line Leakage.	
CPP JSW (J) U1	300	03/03/2011	22.31		Continued.	Condenser tube leakage.	
Uran Unit 8	108	04/03/2011	00.05		Continued.	Filter replacement.	05/03/2011

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

Position as on 6.30 Hrs of 04/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 132KV			Outage Type FORCED OUTAGE		
Pench - Kanhan	03/03/2011	10.35	03/03/2011	14.38	Attending sparking on B ph.isolator jaw.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur - Mapusa - I	02/03/2011	23.18	03/03/2011	09.09	Over Voltage.
Akola - Wardha - I	02/03/2011	23.22	03/03/2011	08.56	Over Voltage.
Kolhapur - Mapusa - II	03/03/2011	23.02		Continued.	Over Voltage
Dhule-S'Sarovar I	03/03/2011	23.02		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Sar'Sarovar - II	02/03/2011	18.05		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Nasik-Navsari-I	03/03/2011	22.20	04/03/2011	00.05	Distance protection.
Voltage Level : 132KV			Outage Type TRIPPED		
Pench - Kanhan	03/03/2011	17.05		Continued.	Distance protection.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Lonikand - Jejuri	24/02/2011	08.37	03/03/2011	19.47	Increasing height at crossing point,upto 03-03-2011.
Lonikand- Koyna Stage IV	24/02/2011	10.10	04/03/2011	08.30	Increasing height at crossing point,upto 04-03-2011.
Koyna IV - Jejuri	03/03/2011	08.40		Continued.	Removing and bunching arrangement.
Kharghar 400KV Main Bus -I and Bus coupler	03/03/2011	10.36	03/03/2011	19.10	R.M.Work and Bus isolator allinment 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.)
220/100 KV125 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 strengthing Mumbai system up to 05.03.11
Kalwa - Borivali	06/02/2011	22.51		Continued.	From Kalwa end strengthing Mumbai system up to 05.03.11
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 by200 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(ready for charging at 11.30Hrs/01/03/2011)
220/100KV 125 MVA ICT-II @ Kalwa	28/02/2011	11.10		Continued.	Augmetation to 200 MVA.
Lonikand-Bhosari	03/03/2011	06.13	03/03/2011	18.48	Erection of New Tower.
Lonikand-Khadki	03/03/2011	06.39	04/03/2011	00.42	To increase road crossing.
Girawli - New Parly TPS	03/03/2011	07.28	03/03/2011	19.49	Replacement of earth wire.
Pophali 220KV Bus	03/03/2011	08.00	03/03/2011	12.00	Breaker problem.

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

Position as on 6.30 Hrs of 04/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
section breaker.					
Uran - HOCL	03/03/2011	10.02	03/03/2011	19.05	Replacement of insulator.
Nasik (GCR),200/7KV Station T/F-III	03/03/2011	10.18	03/03/2011	17.10	Tan delta measurement.
BBLSR 220KV M.B.-I	03/03/2011	11.55		Continued.	Replacement of PT's upto 04/03/2011
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.
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		
Bhusawal- Aurangabad	02/03/2011	23.00	03/03/2011	05.07	Over Voltage.
Karad - Kolhapur - I	02/03/2011	23.12	03/03/2011	08.59	Over Voltage.
Bhusawal- Aurangabad	03/03/2011	22.24	04/03/2011	05.22	Over Voltage.
Karad - Kolhapur - II	03/03/2011	22.27		Continued.	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-Chalisingaon	25/02/2011	14.04		Continued.	To control Dhule ICT Load
Bale-Usmanabad	02/03/2011	08.40	03/03/2011	13.28	Hand Tripped.
Bale-Murud	02/03/2011	08.41	03/03/2011	13.28	Hand Tripped.
Babaleshwar - Babaleshwar - II	03/03/2011	11.12	03/03/2011	11.15	For changeover Bus-I to Bus-II.
Hingoli-Parbhani	03/03/2011	16.12		Continued.	H/T to control 220KV Wardha-Yawatmal ckt.loading.
Chinchwad - Parvati	03/03/2011	19.40	04/03/2011	00.50	H/T to control Ionikand ICT loading.
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		
Pophali- Karad II	02/03/2011	12.40	03/03/2011	08.10	Bus Fault.
Bus Section -II @ Pophali	02/03/2011	12.40	03/03/2011	07.00	Bus Bar Protection Operated.
Pophali-New Koyna	02/03/2011	12.40	03/03/2011	07.50	Bus Fault
Pophali - Pedambe - II	02/03/2011	12.40	03/03/2011	07.00	Bus Fault
Voltage Level : 132KV			Outage Type TRIPPED		
132/33KV 50MVA T/F-I at Manmad	03/03/2011	09.38	03/03/2011	09.50	Due to taping of 33KV Nandgaon feeder.
132/33KV,50 MVA T/F-II AT MANMAD	03/03/2011	09.38	03/03/2011	09.50	Over Load.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 04/Mar/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	180
Unit 6	210	190
Unit 7	210	180
	620	550
Bhusawal		
Unit 2	210	190
Unit 3	210	200
Unit 4	500	
	920	390
Parli		
Unit 3	210	188
Unit 4	210	182
Unit 5	210	172
Unit 6	250	155
Unit 7	250	190
	1130	887
Chandrapur		
Unit 1	210	160
Unit 2	210	165
Unit 3	210	200
Unit 4	210	190
Unit 5	500	490
Unit 6	500	470
Unit 7	500	425
	2340	2100
Paras		
Unit 3	250	230
Unit 4	250	240
	500	470
Khaparkheda		
Unit 1	210	210
Unit 2	210	210
Unit 3	210	210
Unit 4	210	210
Unit 5	500	
	1340	840
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	180
Unit 4	210	210
Unit 5	210	180
	870	750
Uran		
All Units	852	480
	852	480
Dabhol		
RGPP	960	1250
	960	1250
Koyna		
Stage 1-2	600	520
Stage 4	1000	250
Stage 3	320	320
	1920	1090
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	0
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	248
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	200
WARDHA	135	365
Other CPPs	0	
	435	565
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	3596
	3143	3596