



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

State Load Dispatch Center, Airoli

Daily system Report

for

02/Mar/2011

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	133.617	268.388	1) Madhya Pradesh	63.063	123.770
2) Hydro	22.654	31.984	2) Gujrat	26.991	54.394
3) Gas	15.687	31.411	3) Goa	-6.749	-11.796
Total MSGENCO	171.958	331.783	4) TAPS 1&2 (Inj.)	7.658	15.273
B) OTHERS			5) Pench (Excess)	-0.258	-0.258
1) RGPPL Gas	16.034	45.136	# Total Cent. Sector	90.705	181.383
2) Wind Generation	1.020	3.801	F) Other Exchanges		
3) CPP	23.729	46.265	1) With TPCL (Excess)	-8.440	-17.725
4) PENCH (MS)	0.258	0.258	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	17.961	35.982
1) TPCL Thermal	23.212	48.312	Include PX	0.000	0.000
2) TPCL Hydro	3.500	7.203	2) MUMBAI Bilateral	7.959	16.588
TOTAL TPCL	26.712	55.515	Include PX	1.006	2.303
3) REL Thermal	12.669	25.337	3) MUMBAI Schedule	7.959	16.588
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	169.498	342.037	1) MSEDCL	295.264	590.901
2) Hydro (A2+B3+C2)	26.412	39.445	2) TPCL	30.916	64.089
3) Gas (A3+B1)	31.721	76.547	3) REL	16.904	34.485
4) Wind (B2)	1.020	3.801	TOTAL STATE	343.084	689.475
5) CPP (B3)	23.729	46.265			
TOTAL STATE	252.380	508.095			

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	5397	5750	5504
MSGENCO Hydro	1696	1130	164
MSGENCO Gas	620	657	678
MSGENCO Total Generation	7713	7537	6346
Central Sector Receipt	3996	3736	2658
RGPPL	661	966	134
WIND	17	66	57
CPP	1015	1005	931
Exchange with Mumbai	-552	-490	-162
MSEDCL DEMAND MET	12850	12873	9964
Load Shedding (LS)	642	40	0
MSEDCL DEMAND (INCL. LS)	13492	12913	9964
TPCL GENERATION	1354	1327	898
REL GENERATION	528	527	529
TPCL+REL DEMAND	2434	2344	1589
STATE DEMAND MET	15284	15217	11553
Load Management (LM)	2147	3329	0
Total Load Relief (LS+LM)	2789	3369	0
UNRESTRICTED STATE DEMAND	18073	18586	11553
Frequency (Hz)	49.74	50.00	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.4 Hz at 17.03 Hrs	49.32 Hz at 09.13 Hrs	49.86	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 02/Mar/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.10	8.14	180	162	165
Unit 6	4.44	8.77	192	170	195
Unit 7	0.00	1.38	0	0	0
	8.54	18.29			360
Bhusawal					
Unit 2	4.23	8.20	185	160	175
Unit 3	4.54	8.88	195	180	200
Unit 4			0	0	
	8.77	17.08			375
Parli					
Unit 3	4.30	8.76	195	155	190
Unit 4	4.04	7.60	180	143	170
Unit 5	3.55	7.82	175	117	120
Unit 6	3.33	7.20	198	101	105
Unit 7	3.26	7.19	243	84	85
	18.48	38.58			670
Chandrapur					
Unit 1	3.76	7.66	162	151	160
Unit 2	3.86	7.88	169	155	160
Unit 3	4.62	8.60	200	180	200
Unit 4	4.36	8.80	187	170	190
Unit 5	11.52	22.98	490	473	490
Unit 6	11.08	22.19	475	400	470
Unit 7	10.52	21.12	477	370	470
	49.72	99.23			2140
Paras					
Unit 3	5.18	10.70	228	196	230
Unit 4	5.09	10.70	228	184	200
	10.26	21.40			430
Khaparkheda					
Unit 1	5.07	10.13	215	200	215
Unit 2	4.82	9.63	208	195	200
Unit 3	5.30	10.36	223	220	215
Unit 4	5.30	10.54	223	217	220
Unit 5			0	0	
	20.50	40.66			850
Nasik					
Unit 1	2.03	4.13	89	76	81
Unit 2	2.04	4.07	92	77	81
Unit 3	4.58	9.11	200	165	172
Unit 4	4.58	7.59	209	163	192
Unit 5	4.13	8.25	186	154	162
	17.35	33.15			688
Uran					
All Units	15.69	31.41	681	612	640
	15.69	31.41			640
Dabhol					
RGPPL	16.03	45.14	1177	0	1200
	16.03	45.14			1200
Koyna					
Stage 1-2	4.38	6.42	480	30	600
Stage 4	10.25	11.19	1115	0	250
Stage 3	3.11	3.75	320	0	320
	17.73	21.37			1170
Kovna 12&4 Total	14.62	17.61			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	1.46	2.92	61	60	60
TILLARI	0.43	0.85	60	0	60
BHTGR/VEER	0.05	0.13	3	2	3
BHIRA T.R.	0.25	0.48	66	0	80
RNGR+BHTSA	0.39	0.78	17	16	16
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	
SMLHY PTN	0.92	2.00	47	35	
GHATGHAR	1.42	3.47	250	0	
	4.92	10.62			219
PENCH (MS)					
Pench (MS)	0.26	0.26	53	0	
	0.26	0.26			
Wind					
MalharPeth	0.06	0.16			
Vankuswadi	0.20	0.41			
ATIT	0.02	0.08			
Kale	0.05	0.11			
Satara	0.05	0.15			
Shirala	0.04	0.11			
K Mahankal	0.12	0.18			
Supa	0.09	0.13			
Vita	0.09	0.81			
Dondaicha	0.08	0.80			
Nandurbar	0.01	0.06			
Khandke	0.13	0.49			
Khaparale	0.06	0.16			
	1.00	3.65			
CPP					
JSW JAIGAD	11.14	22.29	473	452	475
WARDHA	6.80	13.26	311	246	306
Other CPPs	5.78	10.72			
	23.73	46.26			781
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.26	20.94	470	300	500
Trombay 6	4.55	11.71	300	150	500
Trombay 7A	2.93	5.87	125	118	120
Trombay 7B	1.61	3.23	68	67	60
Trombay 8	3.86	6.55	180	115	250
TATA Hydro	3.50	7.20	306	0	297
	26.71	55.52			1727
REL					
1&2	12.67	25.34	530	527	500
	12.67	25.34			500
Cent Sect					
Share					3629
					3629

MS PG CL	Thermal	133.62	268.39			5513
	Thml+Gas	149.30	299.80			6153
	Hydro	22.65	31.98			1389
	Total	171.96	331.78			7542
State Total		252.38	508.10			15379

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/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	5525	159	672	6356	1132	67	908	3424	2744	-178	-220	10987	0	10987	1675	12662	49.97
2	5504	164	678	6346	134	57	931	3309	2658	-130	-162	9964	0	9964	1589	11553	50.06
3	5464	296	678	6438	574	43	948	3194	3257	-81	-117	11143	393	11151	1486	13022	49.94
4	5471	246	681	6398	0	36	944	3170	3880	-56	-89	11169	1165	11177	1462	13796	49.99
5	5445	224	677	6346	47	36	936	3170	3818	-56	-98	11085	1261	11093	1418	13764	49.91
6	5491	709	679	6879	86	33	924	3323	4073	-56	-117	11878	1631	11913	1462	14971	49.81
7	5524	1572	676	7772	240	29	1014	3380	3227	-130	-171	12111	1889	12191	1586	15586	49.84
8	5463	1822	680	7965	436	20	1008	3427	3603	-180	-216	12816	2084	13084	1691	16591	49.81
9	5462	1937	661	8060	669	30	1015	3551	3500	-280	-310	12964	2203	13351	1931	17098	49.77
10	5459	2005	647	8111	681	29	1013	3551	3587	-280	-306	13115	2434	13733	2075	17624	49.62
11	5436	1765	642	7843	678	25	1019	3701	3747	-423	-460	12852	2732	13465	2357	17941	49.78
12	5397	1696	620	7713	661	17	1015	3802	3996	-514	-552	12850	2789	13492	2434	18073	49.74
13	5511	1500	612	7623	655	15	1016	3934	4400	-594	-596	13113	2865	13831	2390	18368	49.74
14	5553	1336	613	7502	659	16	1018	3838	4442	-503	-502	13135	2784	13772	2308	18227	49.89
15	5549	1299	625	7473	654	23	1034	3831	4413	-503	-512	13085	2626	13739	2277	17988	49.79
16	5692	1066	625	7383	763	22	1041	3837	4583	-508	-516	13276	2621	13925	2282	18179	49.84
17	5738	932	636	7306	944	29	1040	3813	4589	-490	-503	13405	2533	13986	2269	18207	49.93
18	5720	665	639	7024	947	79	1038	3789	4544	-472	-476	13156	2352	13770	2223	17731	49.95
19	5789	609	642	7040	946	77	1020	3588	3953	-433	-425	12664	3192	12931	2253	18109	49.80
20	5750	1130	657	7537	966	66	1005	3629	3736	-470	-490	12873	3369	12913	2344	18586	50.00
21	5647	828	657	7132	999	70	970	3629	3723	-430	-440	12507	3329	12531	2286	18122	49.84
22	5658	377	661	6696	1177	70	956	3629	3592	-430	-438	12106	3309	12115	2187	17602	49.76
23	5710	156	665	6531	1028	59	967	3601	3507	-407	-410	11716	3296	11723	1980	16992	49.74
24	5659	161	664	6484	958	72	949	3512	3134	-356	-314	11295	3289	11295	1856	16440	50.01
MUs	133.62	22.65	15.69	171.96	16.03	1.02	23.73	85.63	90.71	-7.96	-8.44	295.26	54.15	302.13	47.82	397.23	49.86

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/Mar/2011

Position as on 6.30 Hrs of 03/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
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	02/03/2011	07.00	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	02/03/2011	15.11	Problem in Fuel Gas Pressure @ GAIL End.	
Dabhol 2X	290	02/03/2011	02.35	02/03/2011	19.45	Problem in Fuel Gas Pressure @ GAIL End.	
Koyna UNIT 6	75	02/03/2011	12.40		Continued.	Bus Fault.	
Koyna Unit 7	80	02/03/2011	12.40		Continued.	Bus Fault.	
Koyna Unit 8	80	02/03/2011	12.40		Continued.	Bus Fault.	
Dabhol 2B	230	02/03/2011	22.28		Continued.	Steam Line Leakage.	

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

Position as on 6.30 Hrs of 03/Mar/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		
Nasik-Navsari-I	02/03/2011	08.41	02/03/2011	19.06	Maintenance Work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Pench - Kanhan	01/03/2011	09.30	02/03/2011	19.35	Replacement of E/W @ Loc No.168 to 177.Taken on TBC.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur - Mapusa - II	01/03/2011	23.35	02/03/2011	08.54	Over Voltage.
Kolhapur - Mapusa - I	02/03/2011	23.18		Continued.	Over Voltage.
Akola - Wardha - I	02/03/2011	23.22		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Sar'Sarovar - II	28/02/2011	18.04	02/03/2011	14.08	Over Voltage.
Dhule-Sar'Sarovar - II	02/03/2011	18.05		Continued.	Over Voltage.
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.
Parli - Lamboti	02/03/2011	09.40	02/03/2011	18.45	For Attending Hot Spot.
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 28.02.11
Kalwa - Borivali	06/02/2011	22.51		Continued.	From Kalwa end strengthing 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 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.
Karad-Mudsingi-IV	02/03/2011	09.05	02/03/2011	15.50	Replacement of Insulator.
Khargar-Topworth	02/03/2011	09.13	02/03/2011	17.26	Insulator Replacement.
Kharghar-Uran-I	02/03/2011	09.31	02/03/2011	18.17	Replacement of Y Ph L A.
Lonikand-Bhosari	03/03/2011	06.13		Continued.	Erection of New Tower.
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	02/03/2011	19.40	Replacement of E/W @ Loc No.168 to 177.

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

Position as on 6.30 Hrs of 03/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised 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 - I	01/03/2011	21.46	02/03/2011	07.39	Over Voltage.
Bhusawal- Aurangabad	01/03/2011	22.49	02/03/2011	05.36	Over Voltage.
Bhusawal- Aurangabad	02/03/2011	23.00	03/03/2011	05.07	Over Voltage.
Karad - Kolhapur - I	02/03/2011	23.12		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-Chalisgaon	25/02/2011	14.04		Continued.	To control Dhule ICT Load
Bale-Usmanabad	02/03/2011	08.40		Continued.	Hand Tripped.
Bale-Murud	02/03/2011	08.41		Continued.	Hand Tripped.
Chinchwad-Parvati	02/03/2011	09.52	02/03/2011	23.38	To Control Lonikand ICT Loading.
Vita - Lamboti	02/03/2011	10.40	02/03/2011	19.45	To Improve Voltage @ Lamboti.
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	02/03/2011	08.03	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Pophali- Karad II	02/03/2011	11.35	02/03/2011	12.05	Distance Protection.
Pophali- Karad II	02/03/2011	12.40		Continued.	Bus Fault.
Pophali-New Koyna	02/03/2011	12.40		Continued.	Bus Fault
Pophali - Pedambe - II	02/03/2011	12.40		Continued.	Bus Fault
Bus Section -II @ Pophali	02/03/2011	12.40		Continued.	Bus Bar Protection Operated.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 03/Mar/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	180
Unit 6	210	190
Unit 7	210	0
	620	370
Bhusawal		
Unit 2	210	190
Unit 3	210	200
Unit 4	500	
	920	390
Parli		
Unit 3	210	182
Unit 4	210	183
Unit 5	210	150
Unit 6	250	180
Unit 7	250	180
	1130	875
Chandrapur		
Unit 1	210	165
Unit 2	210	165
Unit 3	210	200
Unit 4	210	185
Unit 5	500	490
Unit 6	500	470
Unit 7	500	360
	2340	2035
Paras		
Unit 3	250	240
Unit 4	250	240
	500	480
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	81
Unit 2	120	81
Unit 3	210	172
Unit 4	210	192
Unit 5	210	162
	870	688
Uran		
All Units	852	660
	852	660
Dabhol		
RGPP	960	960
	960	960
Koyna		
Stage 1-2	600	285
Stage 4	1000	250
Stage 3	320	320
	1920	855
Hydro		
KDPH	40	0

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	15
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	0
GHATGHAR	250	0
	611	220
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	365
Other CPPs	0	
	435	840
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	3673
	3143	3673