



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

State Load Dispatch Center, Airoli

Daily system Report

for

12/Mar/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 12/Mar/2009 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	121.296	1454.187	1) Madhya Pradesh	69.639	777.572
2) Hydro	11.086	223.077	2) Gujrat	14.329	211.102
3) Gas	13.274	152.846	3) Goa	-5.566	-71.996
Total MSGENCO	145.656	1830.110	4) TAPS 1&2 (Inj.)	6.815	76.363
B) OTHERS			5) Pench (Excess)	-0.074	-1.141
1) RGPPL Gas	14.361	125.235	# Total Cent. Sector	85.143	991.900
2) Wind Generation	2.248	44.286	F) Other Exchanges		
3) PENCH (MS)	0.074	1.141	1) With TPCL	-4.305	-20.096
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	28.996	348.644	1) MSEDCL Bilateral	10.060	93.721
2) TPCL Hydro	3.699	33.698	Include PX	3.801	21.796
TOTAL TPCL	32.695	382.342	2) MUMBAI Bilateral	5.542	38.292
3) REL Thermal	12.729	152.149	Include PX	1.502	9.485
D) STATE			3) MUMBAI Schedule	5.542	40.092
1) Thermal (A1+C1+C3)	163.021	1954.980	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	14.859	257.916	1) MSEDCL	243.177	2973.717
3) Gas (A3+B1)	27.635	278.081	2) TPCL	33.462	375.955
4) Wind (B2)	2.248	44.286	3) REL	16.273	185.680
TOTAL STATE	207.763	2535.263	TOTAL STATE	292.912	3535.352

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	5087	4704	5252
MSGENCO Hydro	346	1472	134
MSGENCO Gas	572	467	660
MSGENCO Total Generation	6005	6643	6046
Central Sector Receipt	3744	3908	2480
RGPPL	598	592	606
WIND	40	160	50
Exchange with TPCL	-431	-354	274
MSEDCL DEMAND MET	9956	10973	9456
Load Shedding	3394	4023	0
MSEDCL DEMAND (INCL. LS)	13350	14996	9456
TPCL GENERATION	1512	1514	1194
REL GENERATION	530	529	532
TPCL+REL DEMAND	2473	2397	1452
STATE DEMAND MET	12429	13370	10908
STATE DEMAND (INCL. LS)	15823	17393	10908
Frequency (Hz)	49.65	49.79	50.28
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4921 Mw at 16.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			79.84 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.48 Hz at 01.43 Hrs	49.14 Hz at 21.16 Hrs	49.85	0 % of Time

* 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 12/Mar/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	8.07	0	0	0
Unit 2	1.46	19.59	76	42	60
Unit 3	1.22	13.88	78	20	50
Unit 4	1.15	12.10	74	12	40
Unit 5	4.05	45.74	182	157	170
Unit 6	3.99	22.17	183	145	160
Unit 7	3.94	43.92	190	145	160
	15.80	165.47			640
Bhusawal					
Unit 1	0.62	10.57	27	22	25
Unit 2	4.38	53.28	190	180	185
Unit 3	4.62	55.62	195	180	195
	9.62	119.47			405
Parli					
Unit 1	0.55	6.21	24	22	20
Unit 2	0.58	6.89	26	23	20
Unit 3	3.34	40.26	163	117	145
Unit 4	3.46	18.56	160	100	145
Unit 5	3.57	34.30	166	137	145
Unit 6	6.09	65.83	260	244	250
	17.60	172.04			725
Chandrapur					
Unit 1	4.17	49.32	178	167	170
Unit 2	4.04	49.32	174	160	170
Unit 3	4.98	59.00	214	162	210
Unit 4	4.09	41.26	210	0	200
Unit 5	7.03	92.58	445	120	425
Unit 6	7.70	100.07	430	230	400
Unit 7	8.03	122.50	422	250	400
	40.05	514.05			1975
Paras					
Unit 2	1.03	12.92	48	19	45
Unit 3	0.00	43.03	0	0	0
	1.03	55.96			45
Khaparkheda					
Unit 1	4.88	44.36	210	195	200
Unit 2	4.70	55.60	202	180	195
Unit 3	5.03	59.53	213	194	205
Unit 4	4.99	49.78	213	203	205
	19.60	209.27			805
Nasik					
Unit 1	2.24	21.23	102	80	95
Unit 2	2.19	26.96	100	81	95
Unit 3	4.52	57.12	195	175	200
Unit 4	4.50	56.89	196	180	200
Unit 5	4.15	55.72	191	167	200
	17.59	217.93			790
Uran					
All Units	13.27	152.85	672	463	580
	13.27	152.85			580
Koyna					
Stage 1-2	1.89	35.78	215	30	600
Stage 4	4.66	112.70	796	0	250
Kovna 12&4 Total	6.55	148.49			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.32	30.76	240	0	320
	7.88	179.25			1170
Hydro					
KDPH	0.90	5.90	38	37	36
VTRNA	0.00	7.59	0	0	60
TILLARI	0.45	4.84	60	0	60
BHTGR/VEER	1.06	9.48	44	44	40
BHIRA T.R.	0.13	1.58	50	0	80
RNGR+BHTSA	0.35	3.91	15	13	13
BHANDARDRA	0.00	6.42	0	0	0
ELDARY	0.00	1.14	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.33	2.96	120	0	0
	3.21	43.82			289
PENCH (MS)					
Pench (MS)	0.07	1.14	24	0	
	0.07	1.14			
Wind					
MalharPeth	0.13	1.70			
Vankuswadi	0.34	4.25			
ATIT	0.09	0.75			
Kale	0.08	1.23			
Satara	0.13	1.61			
Shirala	0.12	1.63			
K Mahankal	0.06	0.45			
Supa	0.01	1.56			
Vita	0.69	10.78			
Dondaicha	0.38	12.18			
Sakri	0.10	2.08			
Nandurbar	0.04	1.61			
Khadakale	0.06	3.96			
Khaparale	0.01	0.47			
	2.25	44.29			
Dabhol					
RGPP L II	14.36	125.24	607	551	300
RGPP L III	0.00	0.00	0	0	
	14.36	125.24			300
Tata					
Trombay 4	2.62	30.14	135	100	150
Trombay 5	12.12	145.42	505	505	500
Trombay 6	12.10	145.94	510	450	500
Trombay 7A	2.16	27.13	125	75	120
Trombay 7B	0.00	0.00	0	0	0
TATA Hydro	3.70	33.70	308	1	447
	32.70	382.34			1717
REL					
1&2	12.73	152.15	532	529	500
	12.73	152.15			500
Cent Sect					
Share					3253
					3253

MS PG CL	Thermal	121.30	1454.19		5385
	Thml+Gas	134.57	1607.03		5965
	Hydro	11.09	223.08		1459
	Total	145.66	1830.11		7424
State Total		207.76	2535.26		13194

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 12/Mar/2009

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CS SHARE	CS RECPT	TPCL SCH.	TPCL NET EXCH.	MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS													
1	5291	134	666	6091	605	49	2663	2699	-71	-5	9439	0	9439	1771	11210	50.15
2	5193	144	667	6004	605	48	2501	2575	92	170	9402	0	9402	1560	10962	50.34
3	5252	134	660	6046	606	50	2406	2480	187	274	9456	0	9456	1452	10908	50.28
4	5218	144	629	5991	606	81	2339	3030	253	343	10051	12	10063	1372	11435	50.14
5	5279	144	631	6054	607	95	2377	2770	216	296	9822	553	10375	1386	11761	50.08
6	5338	136	672	6146	607	163	2433	2991	172	229	10136	1746	11882	1460	13342	49.91
7	5384	141	640	6165	606	169	2687	2675	147	183	9798	2498	12296	1553	13849	50.09
8	5492	136	626	6254	606	150	3122	2765	90	115	9890	2404	12294	1676	13970	49.82
9	5448	169	589	6206	604	96	3291	3372	-79	-62	10216	2448	12664	1925	14589	49.77
10	5438	187	588	6213	600	70	3499	3534	-295	-258	10159	2588	12747	2230	14977	49.61
11	5087	346	572	6005	598	40	3611	3744	-463	-431	9956	3394	13350	2473	15823	49.65
12	5025	431	559	6015	592	39	3685	4244	-559	-503	10387	3717	14104	2558	16662	49.64
13	5078	352	533	5963	597	40	3706	4253	-535	-491	10362	3706	14068	2556	16624	49.68
14	5007	430	512	5949	599	57	3733	4002	-512	-466	10141	3687	13828	2483	16311	49.96
15	4908	743	510	6161	599	46	3798	3810	-559	-516	10100	3538	13638	2537	16175	49.85
16	4909	707	463	6079	599	34	3818	3916	-559	-514	10114	3895	14009	2536	16545	49.85
17	4864	630	466	5960	599	70	3831	4016	-559	-517	10128	3761	13889	2505	16394	49.85
18	4834	560	471	5865	598	124	3785	4245	-525	-476	10356	3513	13869	2415	16284	50.10
19	4796	743	467	6006	600	143	3585	4027	-356	-304	10478	3762	14240	2318	16558	49.82
20	4704	1472	467	6643	592	160	3277	3908	-403	-354	10973	4023	14996	2397	17393	49.79
21	4759	1488	470	6717	551	137	3209	4062	-333	-276	11215	3532	14747	2292	17039	49.60
22	4757	1018	471	6246	580	167	3202	3901	-331	-281	10633	3536	14169	2218	16387	49.63
23	4731	386	472	5589	601	108	3232	4038	-335	-284	10052	3270	13322	2118	15440	49.42
24	4504	311	473	5288	604	111	3143	4125	-227	-177	9951	2738	12689	1938	14627	49.43
MUs	121.30	11.09	13.27	145.66	14.36	2.25	76.93	85.18	-5.54	-4.30	243.22	62.32	305.54	49.73	355.26	49.85

NOTE : ALL VALUES IN MW

TPCL Sch./Net Exch is shown with reference to MSETCL System. (+) indicates TPCL to MSETCL and (-) indicates MSETCL to TPCL. TPCL Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss for export)
Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 12/Mar/2009

Position as on 6.30 Hrs of 13/Mar/2009

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect KARPR1	220	01/07/2008	00:10		Continued.	COH(En-Mass Coolant Clanel Replacement)	31/03/2010
Cent_Sect KARPR2	220	03/02/2009	00.24		Continued.	Bi-Annual overhaul work	30/03/2009
Paras Unit 3	250	10/03/2009	02.03		Continued.	PG Test	20/03/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	01/07/2009
Uran Unit 4	60	01/04/2008	00:00		Continued.	Gas Restriction	
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Uran Unit 3	60	23/10/2008	06.40		Continued.	Gas Restriction	
Dabhol 3A	230	08/11/2008	13.45		Continued.	Exhaust temp.& vibn.high	01/06/2009
Dabhol 3B	230	19/11/2008	19.55		Continued.	W/dn	31/03/2009
Dabhol 3X	290	19/11/2008	19.58		Continued.	W/dn	31/03/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	30/03/2009
Tata Trombay 7B	60	21/02/2009	03:58		Continued.	Stator Winding Prob.	16/03/2009
Koradi Unit 1	105	06/03/2009	10:52		Continued.	Boiler Tube Leakage	24/03/2009
Cent_Sect NTPC(V-4)	210	11/03/2009	12.30	12/03/2009	09.30	Boiler Tube Leakage	12/03/2009
Cent_Sect TARAPUR-4	540	11/03/2009	21.04		Continued.	Re Water Leakage.	13/03/2009
Uran Unit 7	108	12/03/2009	14.34	13/03/2009	06.15	Gas Restriction	
Chandrapur Unit 4	210	12/03/2009	18.42	12/03/2009	21.03	Coal Shortage	
Chandrapur Unit 4	210	12/03/2009	23.02	13/03/2009	04.54	Coal Shortage	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Mar/2009

Position as on 6.30 Hrs of 13/Mar/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-S'Sarovar I	08/03/2009	2:05	12/03/2009	08.45	Hand Tripped to Control O/V.
DHULE-SAR'SAROVAR-I	11/03/2009	07.30		Continued.	H/T For Outage.
Kolhapur-Mapusa Ckt I	12/03/2009	00.19	12/03/2009	08.37	H/T FOR O/V
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 300 MVA ICT-I @ Koradi	27/02/2009	09.27		Continued.	B Phase Unit Replacement.
Single Ph.105 MVA Spare ICT-II at Karad	02/03/2009	10:45		Continued.	Repl. of existing single phase ICT of 400KV ICT-I, B Ph. by Spare ICT-II
Karad-Lonikhand	12/03/2009	15.20	12/03/2009	20.34	Replacement of Broken Insulator.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
ICT-III @ Kalwa	03/03/2009	09.40	12/03/2009	16.31	Oil Filtration Work.
Bhigwan - Biltgraphic	12/03/2009	09.05	12/03/2009	15.03	Q.M. WORK
Kharepatan-Pawas	12/03/2009	09.10	12/03/2009	18.26	Line Maintenance work.
Phursungi - Theur	12/03/2009	10.10	12/03/2009	19.25	LILO Work of 220KV Magarpatta s/s.
C'pur-Sicom-I	12/03/2009	10.16	12/03/2009	19.21	C.T.Replacement.
Bhosari-Telco	12/03/2009	10.17	12/03/2009	17.50	Q.M. WORK
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Ambazari-Wardha	12/03/2009	18.13		Continued.	Hand Tripped To Control Koradi ICT-II Loading.
Voltage Level : 400KV			Outage Type TRIPPED		
Bblswr-Padgha Ckt II	12/03/2009	04.02	12/03/2009	07.11	TRIPPED ON O/V
Kalwa-Padgha CKT I	12/03/2009	04.02	12/03/2009	08.11	TRIPPED ON O/V
Voltage Level : 220KV			Outage Type TRIPPED		
Kalwa-Nasik	11/03/2009	23.48	12/03/2009	01.52	Trip Y ph-E AND B ph-E.
KALWA-GHATGHAR	11/03/2009	23.48	12/03/2009	02.13	Trip Y ph - E.
C'pur-Sicom-II	12/03/2009	16.59		Continued.	Y ph C.T.Burst.
Karad-Pophali	12/03/2009	17.48		Continued.	Tripped on Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 13/Mar/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	50
Unit 4	105	50
Unit 5	200	170
Unit 6	210	150
Unit 7	210	150
	1040	640
Bhusawal		
Unit 1	58	25
Unit 2	210	185
Unit 3	210	195
	478	405
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	145
Unit 4	210	140
Unit 5	210	140
Unit 6	250	255
	940	720
Chandrapur		
Unit 1	210	170
Unit 2	210	160
Unit 3	210	210
Unit 4	210	150
Unit 5	500	300
Unit 6	500	250
Unit 7	500	250
	2340	1490
Paras		
Unit 2	55	45
Unit 3	250	0
	305	45
Khaparkheda		
Unit 1	210	195
Unit 2	210	185
Unit 3	210	190
Unit 4	210	210
	840	780
Nasik		
Unit 1	120	95
Unit 2	120	95
Unit 3	210	190
Unit 4	210	180
Unit 5	210	180
	870	740
Uran		
All Units	852	450
	852	450
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	36
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	40
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	229
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	
Khadakale	0	
Khaparale	0	
	0	
Dabhol		
RGPL II	740	300
RGPL III	740	
	1480	300
Tata		
Trombay 4	150	130
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	0
TATA Hydro	444	297
	1774	1547
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3188
	3143	3188

	17146	12204
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