



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

State Load Dispatch Center, Airoli

Daily system Report

for

03/Mar/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 03/Mar/2009 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	115.444	360.600	1) Madhya Pradesh	64.557	197.901
2) Hydro	29.540	67.828	2) Gujrat	19.534	49.830
3) Gas	14.188	40.413	3) Goa	-6.221	-18.497
Total MSGENCO	159.172	468.841	4) TAPS 1&2 (Inj.)	7.346	21.925
B) OTHERS			5) Pench (Excess)	-0.142	-0.414
1) RGPPL Gas	7.308	23.823	# Total Cent. Sector	85.074	250.745
2) Wind Generation	3.177	8.508	F) Other Exchanges		
3) PENCH (MS)	0.142	0.414	1) With TPCL	-4.185	-6.225
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	29.640	87.855	1) MSEDCL Bilateral	8.081	21.292
2) TPCL Hydro	3.734	7.794	Include PX	3.939	5.839
TOTAL TPCL	33.374	95.649	2) MUMBAI Bilateral	3.377	7.293
3) REL Thermal	12.678	38.078	Include PX	1.322	2.371
D) STATE			3) MUMBAI Schedule	4.277	8.193
1) Thermal (A1+C1+C3)	157.762	486.533	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	33.416	76.036	1) MSEDCL	250.688	746.520
3) Gas (A3+B1)	21.496	64.236	2) TPCL	33.819	96.149
4) Wind (B2)	3.177	8.508	3) REL	16.417	46.696
TOTAL STATE	215.851	635.313	TOTAL STATE	300.924	889.365

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	4703	4979	4808
MSGENCO Hydro	1251	1978	460
MSGENCO Gas	607	613	554
MSGENCO Total Generation	6561	7570	5822
Central Sector Receipt	4012	3608	3080
RGPPL	298	310	309
WIND	92	108	134
Exchange with TPCL	-395	-394	155
MSEDCL DEMAND MET	10568	11226	9500
Load Shedding	3860	3970	1975
MSEDCL DEMAND (INCL. LS)	14428	15196	11475
TPCL GENERATION	1542	1515	1242
REL GENERATION	527	526	530
TPCL+REL DEMAND	2464	2435	1617
STATE DEMAND MET	13032	13661	11117
STATE DEMAND (INCL. LS)	16892	17631	13092
Frequency (Hz)	49.19	49.28	49.18
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5816 MW At 13.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			103.53 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
49.76 Hz at 19.04 Hrs	48.79 Hz at 22.06 Hrs	49.29	7.12 % 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 03/Mar/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.70	4.82	83	52	70
Unit 2	1.75	5.38	80	54	70
Unit 3	0.00	1.45	0	0	0
Unit 4	0.00	1.08	0	0	0
Unit 5	4.06	12.29	180	155	150
Unit 6	0.00	0.00	0	0	0
Unit 7	3.92	12.48	184	143	150
	11.42	37.50			440
Bhusawal					
Unit 1	1.15	3.69	52	41	50
Unit 2	4.48	13.54	191	176	185
Unit 3	4.59	13.95	198	183	195
	10.22	31.18			430
Parli					
Unit 1	0.53	1.55	27	21	20
Unit 2	0.58	1.72	25	23	20
Unit 3	3.10	9.60	148	112	125
Unit 4	0.00	0.00	0	0	0
Unit 5	3.14	10.09	155	119	125
Unit 6	5.59	17.20	252	198	230
	12.93	40.17			520
Chandrapur					
Unit 1	4.08	12.27	174	166	170
Unit 2	4.16	12.46	176	170	170
Unit 3	5.01	14.92	215	192	210
Unit 4	4.64	13.67	200	177	195
Unit 5	2.15	7.16	402	0	0
Unit 6	9.30	29.12	410	330	325
Unit 7	10.83	33.10	480	416	470
	40.17	122.69			1540
Paras					
Unit 2	1.10	3.36	48	41	45
Unit 3	4.91	15.51	218	183	200
	6.00	18.86			245
Khaparkheda					
Unit 1	4.74	14.38	206	187	200
Unit 2	4.49	13.76	202	167	200
Unit 3	4.94	14.49	213	184	200
Unit 4	1.49	10.44	200	0	200
	15.66	53.07			800
Nasik					
Unit 1	2.18	6.54	96	88	95
Unit 2	2.29	6.75	103	90	95
Unit 3	4.84	14.66	209	194	200
Unit 4	4.92	14.78	212	197	200
Unit 5	4.81	14.39	209	194	200
	19.04	57.13			790
Uran					
All Units	14.19	40.41	642	484	550
	14.19	40.41			550
Koyna					
Stage 1-2	5.03	10.45	425	30	600
Stage 4	16.19	35.03	1121	174	250
Koyna 12&4 Total	21.22	45.48			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	4.47	9.24	320	0	320
	25.70	54.72			1170
Hydro					
KDPH	0.30	2.12	38	0	38
VTRNA	0.80	2.45	60	0	60
TILLARI	0.34	1.12	60	0	60
BHTGR/VEER	0.72	2.22	30	29	30
BHIRA T.R.	0.16	0.37	78	0	80
RNGR+BHTSA	0.30	0.97	13	12	14
BHANDARDRA	0.78	2.41	33	32	35
ELDARY	0.22	0.67	15	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.22	0.78	125	0	0
	3.84	13.11			317
PENCH (MS)					
Pench (MS)	0.14	0.41	24	0	
	0.14	0.41			
Wind					
MalharPeth	0.13	0.41			
Vankuswadi	0.33	0.94			
ATIT	0.13	0.21			
Kale	0.08	0.26			
Satara	0.11	0.38			
Shirala	0.12	0.36			
K Mahankal	0.02	0.04			
Supa	0.13	0.28			
Vita	0.61	1.94			
Dondaicha	1.00	2.48			
Sakri	0.13	0.38			
Nandurbar	0.10	0.26			
Khadakale	0.28	0.55			
Khaparale	0.01	0.02			
	3.18	8.51			
Dabhol					
RGPP L II	7.31	23.82	314	232	300
RGPP L III	0.00	0.00	0	0	
	7.31	23.82			300
Tata					
Trombay 4	3.00	8.26	129	118	150
Trombay 5	12.12	36.36	505	505	500
Trombay 6	12.24	36.58	510	510	500
Trombay 7A	2.28	6.65	96	90	110
Trombay 7B	0.00	0.00	0	0	0
TATA Hydro	3.73	7.79	308	2	297
	33.37	95.65			1557
REL					
1&2	12.68	38.08	531	525	500
	12.68	38.08			500
Cent Sect					
Share					3514
					3514

MS PG CL	Thermal	115.44	360.60		4765
	Thml+Gas	129.63	401.01		5315
	Hydro	29.54	67.83		1487
	Total	159.17	468.84		6802
State Total		215.85	635.31		12673

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/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	4799	656	555	6010	310	110	3045	3157	4	27	9614	1950	11564	1744	13308	49.26
2	4808	460	554	5822	309	134	2973	3080	125	155	9500	1975	11475	1617	13092	49.18
3	4817	595	554	5966	311	170	2784	3069	222	256	9772	2053	11825	1516	13341	49.34
4	4737	688	554	5979	314	184	2733	3122	295	330	9929	1942	11871	1442	13313	49.46
5	4707	777	554	6038	313	226	2791	2983	237	273	9833	2435	12268	1498	13766	49.23
6	4750	1072	567	6389	312	221	2804	3036	222	257	10215	2714	12929	1516	14445	49.18
7	4852	747	602	6201	313	212	3003	2958	123	129	9813	3744	13557	1642	15199	49.31
8	4797	727	624	6148	313	183	3314	3341	104	96	10081	3997	14078	1725	15803	49.34
9	4733	693	642	6068	312	148	3466	3467	-49	-64	9931	4208	14139	1915	16054	49.33
10	4716	1064	626	6406	305	101	3685	3823	-273	-268	10367	4234	14601	2233	16834	49.24
11	4703	1251	607	6561	298	92	3830	4012	-400	-395	10568	3860	14428	2464	16892	49.19
12	4625	1405	602	6632	300	61	3874	4079	-541	-535	10537	3996	14533	2597	17130	49.23
13	4658	1773	602	7033	302	59	3859	4163	-540	-519	11038	3855	14893	2582	17475	49.24
14	4715	1800	606	7121	302	53	3784	3916	-466	-445	10947	3823	14770	2499	17269	49.39
15	4704	1680	602	6986	303	54	3779	3945	-466	-450	10838	3682	14520	2492	17012	49.34
16	4584	1504	601	6689	306	61	3826	4114	-514	-496	10674	3851	14525	2541	17066	49.45
17	4693	1659	603	6955	298	56	3798	3945	-485	-463	10791	3770	14561	2509	17070	49.29
18	4839	1761	604	7204	309	62	3729	3861	-400	-416	11020	3557	14577	2456	17033	49.38
19	4851	1811	608	7270	232	84	3758	3467	-330	-347	10726	3721	14447	2389	16836	49.30
20	4979	1978	613	7570	310	108	3594	3608	-378	-394	11226	3970	15196	2435	17631	49.28
21	5019	1918	613	7550	310	196	3572	3616	-303	-347	11349	3508	14857	2335	17192	49.29
22	5056	1547	630	7233	308	169	3600	3504	-188	-233	11005	3514	14519	2159	16678	49.21
23	5133	1153	581	6867	308	163	3645	3444	-188	-239	10567	3359	13926	2065	15991	49.17
24	5170	822	484	6476	310	147	3448	3386	-87	-97	10246	2734	12980	1866	14846	49.25
MUs	115.44	29.54	14.19	159.17	7.31	3.05	82.69	85.10	-4.28	-4.18	250.59	80.45	331.04	50.24	381.28	49.29

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 03/Mar/2009

Position as on 6.30 Hrs of 04/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	10/03/2009
Koradi Unit 6	210	08/02/2009	02.11		Continued.	ANNUAL MAINT. WORK	15/03/2009
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	10/03/2009
Tata Trombay 7B	60	21/02/2009	03:58		Continued.	Stator Winding Prob.	10/03/2009
Parli Unit 4	210	26/02/2009	15.01		Continued.	Furnace Pressure High	06/03/2009
Chandrapur Unit 5	500	01/03/2009	10.44	03/03/2009	13.06	H/T due to Turbine Pipe line Leakages.	03/03/2009
Koradi Unit 3	105	01/03/2009	21.31		Continued.	Condensor Tube Leakage	04/03/2009
Koradi Unit 4	115	02/03/2009	09.19		Continued.	Condensor Valve problem.	05/03/2009
Dabhol 1X	290	02/03/2009	23.51		Continued.	Borosopic Inspection.	05/03/2009
Dabhol 1A	230	02/03/2009	23.52		Continued.	Borosopic Inspection.	05/03/2009
Cent_Sect sipat-5	500	03/03/2009	01.22	03/03/2009	19.11	Tripped	
Khaparkheda Unit 4	210	03/03/2009	07.43		Continued.	Boiler Tube Leakage	04/03/2009
Chandrapur Unit 5	500	03/03/2009	14.34	03/03/2009	16.33	Gen.Protection	
Cent_Sect NTPC(V-7)	500	04/03/2009	05.57		Continued.	Boiler Tube Leakage	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Mar/2009

Position as on 6.30 Hrs of 04/Mar/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
DHULE-SAR'SAROVAR-I	01/03/2009	01.51		Continued.	H/T FOR O/V
Kolhapur-Mapusa Ckt I	03/03/2009	00.54	03/03/2009	08.57	H/T FOR O/V
Voltage Level : 220KV			Outage Type TRIPPED		
Nasik-Navsari-I	03/03/2009	17.45	03/03/2009	19.50	Tripped
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.
400/11.5KV,90MVA STN T/F V At 400 KV C'pur	27/02/2009	23.22		Continued.	M.B.Prob.HV Side On TBC-II
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
400/220 KV,105 MVA Single Phase Spare ICT @ Chandrapur	03/03/2009	08.42	03/03/2009	15.55	R.M. Work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
ICT-III @ Kalwa	03/03/2009	09.40		Continued.	Oil Filtration Work.
Karad - Peth	03/03/2009	10.12		Continued.	Dynamic CRM Test.
Bhandara - Kanhan	03/03/2009	13.54		Continued.	RETROFITTING
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
132 KV Bus @ Lonand	03/03/2009	07.22	03/03/2009	10.35	Maintenance work
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Own breaker Of N'thane-Dabhol-I line at N'gothane.	02/03/2009	13:19	03/03/2009	18.40	Line on TBC, Sparking at Y ph PG Isolator
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Ambazari-Wardha	03/03/2009	11.49	03/03/2009	12.38	Hand Tripped to Control Over Loading of ICT @ Koradi.
Pusad - Parbhani	03/03/2009	11.53	03/03/2009	12.46	Hand Tripped to Control Over Loading of ICT @ Koradi.
Ambazari-Wardha	03/03/2009	18.14		Continued.	Hand Tripped to Control Over Loading of ICT @ Koradi.
Pusad -Parbhani	03/03/2009	18.36		Continued.	Hand Tripped to Control Over Loading of ICT @ Koradi.
Butibori - Wardha	03/03/2009	21.15		Continued.	Hand Tripped to Control Over Loading of ICT @ Koradi.
Voltage Level : 400KV			Outage Type TRIPPED		
ICT-1 @ Karad	03/03/2009	11.00	03/03/2009	11.57	220 KV Bus Fault at Karad.
ICT III at Karad	03/03/2009	11.00	03/03/2009	11.38	220 KV Bus Fault at Karad.
ICT-II AT KARAD	03/03/2009	11.00	03/03/2009	13.35	220 KV Bus Fault at Karad.
Bablsr-Padgha Ckt I	03/03/2009	15.49	03/03/2009	20.40	Tripped on Dist.Prot.
Voltage Level : 220KV			Outage Type TRIPPED		
Chinchwad-Parvati	03/03/2009	06.57	03/03/2009	11.58	Jumper Snapped @ Wavetrap.
Kolhapur - Karad - II	03/03/2009	11.00	03/03/2009	11.43	220 KV Bus Fault at Karad.
Kolhapur-Karad-III	03/03/2009	11.00	03/03/2009	11.45	220 KV Bus Fault at Karad.
Karad - Vita - I	03/03/2009	11.00	03/03/2009	11.55	220 KV Bus Fault at Karad.
Karad - Miraj	03/03/2009	11.00	03/03/2009	11.59	220 KV Bus Fault at Karad.
Karad-Pophali	03/03/2009	11.00	03/03/2009	12.10	220 KV Bus Fault at Karad.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Mar/2009

Position as on 6.30 Hrs of 04/Mar/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Karad-Pedambe	03/03/2009	11.00	03/03/2009	12.01	220 KV Bus Fault at Karad.
Karad-Vita-II	03/03/2009	11.00	03/03/2009	11.55	220 KV Bus Fault at Karad.
Karad - Karad - II	03/03/2009	11.00	03/03/2009	11.40	220 KV Bus Fault at Karad.
Kolhapur-Karad-IV	03/03/2009	11.00	03/03/2009	12.11	220 KV Bus Fault at Karad.
KALMESHWAR-PANDURA	03/03/2009	11.48	03/03/2009	12.35	Tripped on Dist.Prot.
220/110 KV T/F - 3 @ Mudshingi	03/03/2009	23.45		Continued.	L V Side Y ph C T Burst.Differential Prot. Optd.
K'gaon-Lonand	04/03/2009	01.17		Continued.	Tripped on Back up E/F Protection.
Voltage Level : 132KV			Outage Type TRIPPED		
Harangul - Udgir	03/03/2009	13.00	03/03/2009	13.25	Tripped on Dist.Prot.
null					
Voltage Level : 220KV			Outage Type TRIPPED		
Karad - Karad -I	03/03/2009	11.00	03/03/2009	11.40	220 KV Bus Fault at Karad.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 04/Mar/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	75
Unit 3	105	0
Unit 4	105	0
Unit 5	200	170
Unit 6	210	0
Unit 7	210	180
	1040	495
Bhusawal		
Unit 1	58	50
Unit 2	210	185
Unit 3	210	170
	478	405
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	120
Unit 4	210	0
Unit 5	210	120
Unit 6	250	235
	940	515
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	210
Unit 4	210	195
Unit 5	500	450
Unit 6	500	410
Unit 7	500	470
	2340	2075
Paras		
Unit 2	55	50
Unit 3	250	215
	305	265
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	200
Unit 4	210	0
	840	600
Nasik		
Unit 1	120	95
Unit 2	120	95
Unit 3	210	200
Unit 4	210	200
Unit 5	210	200
	870	790
Uran		
All Units	852	600
	852	600
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	38
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	30
BHIRA T.R.	80	80
RNGR+BHTSA	20	14
BHANDARDRA	45	35
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	317
PENCH (MS)		
Pench (MS)	53	0
	53	0
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		
RGPPPL II	740	300
RGPPPL III	740	0
	1480	300
Tata		
Trombay 4	150	120
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	100
Trombay 7B	60	0
TATA Hydro	444	297
	1774	1517
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3685
	3143	3685