



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

State Load Dispatch Center, Airoli

Daily system Report

for

05/Mar/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 05/Mar/2009 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	118.657	600.919	1) Madhya Pradesh	60.413	322.957
2) Hydro	23.715	115.738	2) Gujrat	22.202	91.221
3) Gas	13.982	68.160	3) Goa	-6.464	-31.696
Total MSGENCO	156.354	784.817	4) TAPS 1&2 (Inj.)	7.340	36.614
B) OTHERS			5) Pench (Excess)	-0.103	-0.660
1) RGPPL Gas	7.444	38.678	# Total Cent. Sector	83.388	418.436
2) Wind Generation	5.887	19.477	F) Other Exchanges		
3) PENCH (MS)	0.103	0.660	1) With TPCL	-4.347	-14.849
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	29.599	146.985	1) MSEDCL Bilateral	7.658	37.197
2) TPCL Hydro	3.587	15.053	Include PX	2.965	12.331
TOTAL TPCL	33.186	162.038	2) MUMBAI Bilateral	5.855	17.829
3) REL Thermal	12.556	63.300	Include PX	1.708	4.786
D) STATE			3) MUMBAI Schedule	5.855	19.629
1) Thermal (A1+C1+C3)	160.812	811.204	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	27.405	131.451	1) MSEDCL	248.829	1247.879
3) Gas (A3+B1)	21.426	106.838	2) TPCL	33.917	163.975
4) Wind (B2)	5.887	19.477	3) REL	16.169	79.102
TOTAL STATE	215.530	1068.970	TOTAL STATE	298.915	1490.956

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	5054	4871	5041
MSGENCO Hydro	977	1554	220
MSGENCO Gas	617	600	536
MSGENCO Total Generation	6648	7025	5797
Central Sector Receipt	3825	3917	2950
RGPPL	304	312	311
WIND	195	213	359
Exchange with TPCL	-386	-369	120
MSEDCL DEMAND MET	10586	11109	9537
Load Shedding	3979	4146	2067
MSEDCL DEMAND (INCL. LS)	14565	15255	11604
TPCL GENERATION	1553	1507	1218
REL GENERATION	462	526	528
TPCL+REL DEMAND	2401	2402	1626
STATE DEMAND MET	12987	13511	11163
STATE DEMAND (INCL. LS)	16966	17657	13230
Frequency (Hz)	49.21	49.33	49.09
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5154 MW at 14:00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			102.70 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
49.77 Hz at 17.48 Hrs	48.78 Hz at 12.29 Hrs	49.21	12.19 % 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 05/Mar/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.22	7.58	74	11	75
Unit 2	1.48	8.63	77	28	75
Unit 3	1.29	3.38	74	34	60
Unit 4	1.23	2.46	70	32	60
Unit 5	3.95	20.38	176	143	170
Unit 6	0.50	0.50	97	0	0
Unit 7	3.65	20.38	187	122	150
	13.32	63.32			590
Bhusawal					
Unit 1	1.18	6.06	56	43	50
Unit 2	4.32	22.09	191	156	185
Unit 3	4.50	22.98	198	176	190
	9.99	51.13			425
Parli					
Unit 1	0.51	2.58	23	19	20
Unit 2	0.56	2.87	26	22	20
Unit 3	3.35	16.12	175	120	120
Unit 4	0.00	0.00	0	0	0
Unit 5	3.12	16.40	153	120	120
Unit 6	3.61	26.01	221	100	100
	11.15	63.98			380
Chandrapur					
Unit 1	4.20	20.61	179	170	170
Unit 2	4.18	20.82	178	171	170
Unit 3	4.64	24.61	212	157	210
Unit 4	0.00	15.13	0	0	0
Unit 5	10.63	28.32	486	413	450
Unit 6	6.64	45.84	438	0	410
Unit 7	10.96	55.18	470	444	460
	41.25	210.51			1870
Paras					
Unit 2	1.11	5.54	50	42	45
Unit 3	4.65	25.27	222	175	180
	5.76	30.81			225
Khaparkheda					
Unit 1	4.38	23.48	191	172	190
Unit 2	4.63	23.02	201	166	180
Unit 3	5.07	24.53	215	206	200
Unit 4	4.36	15.04	205	148	180
	18.45	86.06			750
Nasik					
Unit 1	1.88	10.60	99	0	95
Unit 2	2.27	11.29	100	86	95
Unit 3	4.94	24.52	212	198	200
Unit 4	4.77	24.50	208	189	200
Unit 5	4.88	24.20	212	182	200
	18.74	95.12			790
Uran					
All Units	13.98	68.16	631	523	550
	13.98	68.16			550
Koyna					
Stage 1-2	3.78	18.68	365	45	600
Stage 4	13.20	60.89	1114	0	250
Kovna 12&4 Total	16.98	79.57			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	3.28	16.14	282	0	320
	20.27	95.71			1170
Hydro					
KDPH	0.00	2.12	0	0	0
VTRNA	0.74	4.04	60	0	60
TILLARI	0.38	1.89	60	0	60
BHTGR/VEER	0.72	3.70	30	30	32
BHIRA T.R.	0.16	0.69	78	0	80
RNGR+BHTSA	0.34	1.64	15	13	13
BHANDARDRA	0.77	3.92	32	32	32
ELDARY	0.22	1.10	14	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.12	0.91	63	0	0
	3.45	20.02			277
PENCH (MS)					
Pench (MS)	0.10	0.66	24	0	
	0.10	0.66			
Wind					
MalharPeth	0.16	0.75			
Vankuswadi	0.40	1.82			
ATIT	0.05	0.36			
Kale	0.09	0.48			
Satara	0.14	0.69			
Shirala	0.15	0.66			
K Mahankal	0.02	0.13			
Supa	0.20	0.64			
Vita	1.02	3.60			
Dondaicha	2.47	7.10			
Sakri	0.35	0.99			
Nandurbar	0.37	0.87			
Khadakale	0.39	1.26			
Khaparale	0.07	0.12			
	5.89	19.48			
Dabhol					
RGPPPL II	7.44	38.68	316	301	300
RGPPPL III	0.00	0.00	0	0	
	7.44	38.68			300
Tata					
Trombay 4	2.84	13.92	130	100	150
Trombay 5	12.12	60.60	505	505	500
Trombay 6	12.24	61.06	510	510	500
Trombay 7A	2.40	11.40	101	99	120
Trombay 7B	0.00	0.00	0	0	0
TATA Hydro	3.59	15.05	308	2	297
	33.19	162.04			1567
REL					
1&2	12.56	63.30	531	462	500
	12.56	63.30			500
Cent Sect					
Share					3405
					3405

MS PG CL	Thermal	118.66	600.92		5030
	Thml+Gas	132.64	669.08		5580
	Hydro	23.72	115.74		1447
	Total	156.35	784.82		7027
State Total		215.53	1068.97		12799

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/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	4967	579	524	6070	312	363	3004	2970	-112	-52	9665	2047	11712	1800	13512	49.18
2	5041	220	536	5797	311	359	2844	2950	51	120	9537	2067	11604	1626	13230	49.09
3	5048	240	536	5824	313	397	2766	3007	133	208	9749	2116	11865	1539	13404	49.20
4	5041	513	529	6083	313	344	2699	3060	199	277	10077	1977	12054	1469	13523	49.18
5	5005	778	523	6306	312	328	2706	2867	199	275	10088	2394	12482	1473	13955	49.02
6	5051	1158	524	6733	314	269	2777	2904	128	201	10421	2650	13071	1547	14618	49.10
7	5114	936	577	6627	315	247	2909	2849	34	80	10118	3839	13957	1668	15625	49.16
8	5105	349	619	6073	315	198	3323	3202	-26	15	9803	4235	14038	1755	15793	49.26
9	5055	409	631	6095	314	184	3400	3514	-104	-69	10038	4417	14455	1936	16391	49.27
10	5077	580	626	6283	308	183	3578	3641	-327	-269	10146	4524	14670	2175	16845	49.18
11	5054	977	617	6648	304	195	3606	3825	-445	-386	10586	3979	14565	2401	16966	49.21
12	5010	1192	610	6812	303	190	3705	3860	-539	-482	10683	4056	14739	2561	17300	49.21
13	4908	1336	604	6848	303	153	3776	3779	-539	-477	10606	3908	14514	2558	17072	49.15
14	4854	1202	586	6642	301	182	3884	4020	-468	-407	10738	3900	14638	2457	17095	49.35
15	4941	1025	571	6537	305	211	3891	3939	-539	-480	10512	3758	14270	2495	16765	49.11
16	4947	710	592	6249	306	233	3950	4012	-539	-477	10323	4022	14345	2505	16850	49.20
17	4793	1132	593	6518	307	292	3809	3956	-539	-480	10593	3871	14464	2510	16974	49.20
18	4663	1259	601	6523	309	237	3847	3829	-480	-414	10484	3669	14153	2447	16600	49.26
19	4792	1479	600	6871	312	240	3471	3561	-380	-312	10693	3922	14615	2351	16966	49.36
20	4871	1554	600	7025	312	213	3286	3917	-429	-369	11109	4146	15255	2402	17657	49.33
21	4856	1847	600	7303	312	228	3315	3710	-360	-294	11283	3649	14932	2289	17221	49.26
22	4875	1695	614	7184	314	210	3277	3397	-286	-217	10912	3657	14569	2145	16714	49.29
23	4829	1316	623	6768	316	208	3318	3391	-290	-215	10489	3386	13875	2086	15961	49.43
24	4760	1229	546	6535	313	196	3095	3228	-201	-123	10149	2780	12929	1894	14823	49.13
MUs	118.66	23.72	13.98	156.35	7.44	5.86	80.24	83.39	-5.86	-4.35	248.80	82.97	331.77	50.09	381.86	49.21

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 05/Mar/2009

Position as on 6.30 Hrs of 06/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	05/03/2009	16.10	ANNUAL MAINT. WORK	
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
Dabhol 1X	290	02/03/2009	23.51		Continued.	Boroscopic Inspection.	06/03/2009
Dabhol 1A	230	02/03/2009	23.52	06/03/2009	01.12	Boroscopic Inspection.	
Cent_Sect NTPC(V-7)	500	04/03/2009	05.57	05/03/2009	09.56	Boiler Tube Leakage	
Chandrapur Unit 4	210	04/03/2009	08.12		Continued.	Boiler Tube Leakage	07/03/2009
Cent_Sect NTPC(V-4)	210	05/03/2009	16.00		Continued.	Boiler Tube Leakage	07/03/2009
Chandrapur Unit 6	500	05/03/2009	16.37		Continued.	Clinker Formation	07/03/2009
Cent_Sect NTPC(V-7)	500	05/03/2009	17.38	06/03/2009	00.17	Exciation Problem	
Cent_Sect NTPC(V-8)	500	05/03/2009	17.40	05/03/2009	19.26	Air Circulation Water System Problem.	
Nasik Unit 1	125	05/03/2009	20.40		Continued.	Boiler Tube Leakage	08/03/2009

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/Mar/2009

Position as on 6.30 Hrs of 06/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
Voltage Level : 400KV			Outage Type TRIPPED		
KORADI-BHILAI	05/03/2009	14.07	05/03/2009	14.40	Distance Protection
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
400/220KV 500MVA ICT @ JEJURI	05/03/2009	06.11	05/03/2009	08.36	To Attend L.V.Side R ph C.T.Oil Leakage.
Lonikand- Koyna Stage IV	05/03/2009	10.20	05/03/2009	23.42	R Ph CVT Replacement.
ICT-I @PADGHA	05/03/2009	22.45		Continued.	Replacement B ph Unit MOG & PRV.
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	05/03/2009	09.22	Dynamic CRM Test.
Theur - Jejuri	05/03/2009	09.05	05/03/2009	15.25	Replacement of R ph line C.T.
CHINCHWAD-PARVATI	05/03/2009	09.15	05/03/2009	17.21	Q.M. WORK
New-Koyna-Pawas	05/03/2009	09.33	05/03/2009	17.54	Line Maintenance work.
C'WAD-HINJEWADI	05/03/2009	10.47	05/03/2009	19.58	L.A.Replacement & Crimping Work.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/132 200 MVA ICT - I @ Harangul	05/03/2009	07.35	05/03/2009	08.55	For Attending Oil Leakage Through Tertiary.
220/100kv ICT @ Taloja	05/03/2009	11.08	05/03/2009	13.58	To attend hot spot
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Ambazari-Wardha	05/03/2009	19.29	05/03/2009	21.54	For Controlling Load on Koradi ICT.
Butibori - Wardha	05/03/2009	19.33	05/03/2009	21.19	For Controlling Load on Koradi ICT.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV 500MVA ICT @ JEJURI	05/03/2009	21.31	05/03/2009	22.11	220 KV Bus Bar Protection Operated.
Voltage Level : 220KV			Outage Type TRIPPED		
Kolhapur - Peth	05/03/2009	06.48	05/03/2009	17.04	Tripped on Dist.Prot.
Kolhapur - Karad - II	05/03/2009	06.54	05/03/2009	20.00	Tripped on Dist.Prot.
Bhandara - RLY TSS - I	05/03/2009	13.20	05/03/2009	13.25	Tripped - O/C,E/F Prot.
Tifil-Trombay	05/03/2009	15.41	05/03/2009	16.45	B Ph.to E Trip.
Jejuri-Jejuri I	05/03/2009	21.31	05/03/2009	22.12	220 KV Bus Bar Protection Operated.
Bus Coupler @ Jejuri	05/03/2009	21.31	05/03/2009	22.11	220 KV Bus Bar Protection Operated.
Jejuri - Baramati	05/03/2009	21.31	05/03/2009	22.12	220 KV Bus Bar Protection Operated.
Voltage Level : 132KV			Outage Type TRIPPED		
Kallamb - Bhoom	05/03/2009	11.25	05/03/2009	19.30	Snapping of E/W & B ph Conductor Damage bet.loc.23&24.
Kalmeshwar - Katol	05/03/2009	15.15	05/03/2009	15.26	Distance Protection
Kalmeshwar - Katol	06/03/2009	00.33	06/03/2009	00.48	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 06/Mar/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	60
Unit 2	105	60
Unit 3	105	50
Unit 4	105	50
Unit 5	200	150
Unit 6	210	100
Unit 7	210	150
	1040	620
Bhusawal		
Unit 1	58	50
Unit 2	210	185
Unit 3	210	195
	478	430
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	130
Unit 4	210	0
Unit 5	210	130
Unit 6	250	230
	940	530
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	210
Unit 4	210	0
Unit 5	500	450
Unit 6	500	0
Unit 7	500	475
	2340	1475
Paras		
Unit 2	55	45
Unit 3	250	220
	305	265
Khaparkheda		
Unit 1	210	160
Unit 2	210	185
Unit 3	210	210
Unit 4	210	205
	840	760
Nasik		
Unit 1	120	0
Unit 2	120	95
Unit 3	210	200
Unit 4	210	200
Unit 5	210	200
	870	695
Uran		
All Units	852	550
	852	550
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	0
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	32
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	32
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	277
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		
RGPPL II	740	300
RGPPL III	740	
	1480	300
Tata		
Trombay 4	150	150
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	0
TATA Hydro	444	297
	1774	1567
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3666
	3143	3666

	17146	12805
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