



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

State Load Dispatch Center, Airoli

Daily system Report

for

05/Feb/2009

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	125.375	642.279	1) Madhya Pradesh	62.095	317.170
2) Hydro	12.670	56.270	2) Gujrat	19.142	91.123
3) Gas	15.681	76.834	3) Goa	-5.485	-28.086
Total MSGENCO	153.726	775.383	4) TAPS 1&2 (Inj.)	7.436	36.933
B) OTHERS			5) Pench (Excess)	0.000	0.000
1) RGPPL Gas	7.920	37.795	# Total Cent. Sector	83.188	417.140
2) Wind Generation	3.477	14.006	F) Other Exchanges		
3) PENCH (MS)	0.000	0.000	1) With TPCL	-6.311	-27.489
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	18.000	93.295	1) MSEDCL Bilateral	10.369	52.169
2) TPCL Hydro	5.652	22.530	Include PX	3.834	16.919
TOTAL TPCL	23.652	115.825	2) MUMBAI Bilateral	6.711	31.452
3) REL Thermal	12.699	63.531	Include PX	0.955	6.312
D) STATE			3) MUMBAI Schedule	6.711	31.452
1) Thermal (A1+C1+C3)	156.074	799.105	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	18.322	78.800	1) MSEDCL	242.000	1216.835
3) Gas (A3+B1)	23.601	114.629	2) TPCL	28.185	137.341
4) Wind (B2)	3.477	14.006	3) REL	14.476	69.506
TOTAL STATE	201.474	1006.540	TOTAL STATE	284.661	1423.682

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	5375	5313	5183
MSGENCO Hydro	364	1230	181
MSGENCO Gas	673	657	661
MSGENCO Total Generation	6412	7200	6025
Central Sector Receipt	3859	3542	2916
RGPPL	346	310	346
WIND	80	191	242
Exchange with TPCL	-440	-455	73
MSEDCL DEMAND MET	10257	10788	9602
Load Shedding	4598	3991	0
MSEDCL DEMAND (INCL. LS)	14855	14779	9602
TPCL GENERATION	1050	1193	775
REL GENERATION	529	529	531
TPCL+REL DEMAND	2019	2177	1233
STATE DEMAND MET	12276	12965	10835
STATE DEMAND (INCL. LS)	16874	16956	10835
Frequency (Hz)	49.23	49.46	49.71
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5031 MW at 10:00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			84.30 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.21 Hz at 18:02 Hrs	48.82 Hz at 18:55 Hrs	49.43	1.6 % 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/Feb/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.62	8.42	86	40	75
Unit 2	1.65	8.65	82	37	75
Unit 3	0.00	0.00	0	0	0
Unit 4	1.66	7.69	82	43	80
Unit 5	3.07	18.36	165	85	140
Unit 6	3.10	18.34	150	89	150
Unit 7	3.06	18.96	185	85	160
	14.16	80.42			680
Bhusawal					
Unit 1	0.62	3.02	28	20	25
Unit 2	4.48	20.82	190	180	180
Unit 3	4.54	21.77	195	185	190
	9.64	45.60			395
Parli					
Unit 1	0.55	2.67	24	22	20
Unit 2	0.60	2.89	27	22	20
Unit 3	3.97	15.61	180	152	145
Unit 4	4.09	20.25	193	123	155
Unit 5	4.87	22.87	212	183	200
Unit 6	4.99	25.80	232	180	210
	19.07	90.08			750
Chandrapur					
Unit 1	4.08	10.01	183	154	170
Unit 2	4.18	20.56	178	170	170
Unit 3	5.06	25.42	214	200	210
Unit 4	4.68	23.35	199	187	195
Unit 5	9.58	52.04	440	336	400
Unit 6	9.46	50.95	430	365	450
Unit 7	8.77	49.65	408	315	380
	45.81	231.98			1975
Paras					
Unit 2	0.55	3.17	25	19	30
Unit 3	5.13	24.78	229	193	200
	5.68	27.96			230
Khaparkheda					
Unit 1	4.72	23.84	210	185	200
Unit 2	4.32	22.59	205	0	200
Unit 3	4.38	23.34	206	164	180
Unit 4	4.24	23.21	203	166	180
	17.66	92.99			760
Nasik					
Unit 1	1.18	4.88	108	0	0
Unit 2	2.17	10.95	94	71	95
Unit 3	4.87	24.16	209	188	200
Unit 4	4.87	23.83	210	184	200
Unit 5	0.27	9.42	139	0	0
	13.35	73.24			495
Uran					
All Units	15.68	76.83	680	603	650
	15.68	76.83			650
Koyna					
Stage 1-2	3.12	11.76	315	40	600
Stage 4	4.34	17.25	540	0	250
Kovna 12&4 Total	7.46	29.01			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.74	6.44	160	0	320
	9.20	35.44			1170
Hydro					
KDPH	0.00	2.13	0	0	0
VTRNA	0.53	5.20	61	0	60
TILLARI	0.39	1.85	61	0	60
BHTGR/VEER	1.32	6.07	55	55	31
BHIRA T.R.	0.36	1.27	84	0	80
RNGR+BHTSA	0.36	1.83	15	15	10
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	10
PAITHAN	0.06	0.26	11	0	10
GHATGHAR	0.44	2.21	125	0	0
	3.47	20.83			261
PENCH (MS)					
Pench (MS)	0.00	0.00	0	0	
	0.00	0.00			
Wind					
MalharPeth	0.17	0.67			
Vankuswadi	0.41	1.56			
ATIT	0.06	0.17			
Kale	0.17	0.56			
Satara	0.17	0.64			
Shirala	0.14	0.53			
K Mahankal	0.01	0.05			
Supa	0.06	0.34			
Vita	0.36	2.26			
Dondaicha	1.27	4.48			
Sakri	0.24	0.85			
Nandurbar	0.23	0.67			
Khadakale	0.16	0.92			
Khaparale	0.03	0.32			
	3.48	14.01			
Dabhol					
RGPP L II	7.92	37.80	348	307	300
RGPP L III		0.00			
	7.92	37.80			300
Tata					
Trombay 4	2.41	13.48	102	99	110
Trombay 5	12.00	60.00	500	500	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	2.34	12.45	109	90	110
Trombay 7B	1.25	7.36	64	36	110
TATA Hydro	5.65	22.53	463	2	447
	23.65	115.82			1277
REL					
1&2	12.70	63.53	531	528	500
	12.70	63.53			500
Cent Sect					
Share					3242
					3242

MS PG CL	Thermal	125.38	642.28		5285
	Thml+Gas	141.06	719.11		5935
	Hydro	12.67	56.27		1431
	Total	153.73	775.38		7366
State Total		201.47	1006.54		12685

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/Feb/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	5143	170	661	5974	346	227	2953	2816	-34	-5	9358	953	10311	1309	11620	49.56
2	5183	181	661	6025	346	242	2884	2916	41	73	9602	0	9602	1233	10835	49.71
3	5187	170	663	6020	346	216	2861	2950	66	101	9633	0	9633	1203	10836	49.78
4	5220	180	669	6069	346	212	2837	3084	91	124	9835	276	10111	1179	11290	49.59
5	5231	185	670	6086	347	186	2838	3130	91	122	9871	2206	12077	1181	13258	49.45
6	5248	291	674	6213	348	167	2886	2853	41	75	9656	2639	12295	1236	13531	49.27
7	5296	361	680	6337	348	113	2933	3346	-9	23	10167	3975	14142	1348	15490	49.30
8	5399	321	672	6392	347	114	3268	2953	-43	-13	9793	4224	14017	1465	15482	49.18
9	5400	182	670	6252	347	89	3341	3206	-114	-91	9803	4549	14352	1690	16042	49.41
10	5375	364	673	6412	346	80	3700	3859	-461	-440	10257	4598	14855	2019	16874	49.23
11	5310	422	668	6400	329	65	3696	3874	-461	-439	10229	4156	14385	2110	16495	49.31
12	5216	509	658	6383	329	61	3716	3923	-485	-464	10232	4158	14390	2190	16580	49.34
13	5014	908	639	6561	328	70	3695	3891	-485	-502	10348	4040	14388	2203	16591	49.41
14	5064	752	638	6454	327	98	3708	3890	-485	-500	10269	3959	14228	2123	16351	49.42
15	5198	715	644	6557	326	110	3707	3790	-485	-500	10283	3801	14084	2163	16247	49.39
16	5180	689	644	6513	314	118	3680	3817	-485	-502	10260	3865	14125	2210	16335	49.42
17	5112	876	643	6631	325	140	3707	3874	-485	-500	10470	3783	14253	2193	16446	49.23
18	5244	716	656	6616	323	153	3775	4046	-596	-609	10529	3607	14136	2171	16307	49.62
19	5306	953	655	6914	307	142	3703	3863	-449	-450	10776	3700	14476	2134	16610	49.39
20	5313	1230	657	7200	310	191	3327	3542	-454	-455	10788	3991	14779	2177	16956	49.46
21	5221	1198	659	7078	310	282	3251	3500	-450	-412	10758	3527	14285	2022	16307	49.46
22	5132	870	617	6619	309	156	3251	3303	-423	-386	10001	3546	13547	1876	15423	49.48
23	5184	317	607	6108	308	115	3363	3581	-427	-393	9719	3248	12967	1749	14716	49.41
24	5210	110	603	5923	308	105	3109	3195	-208	-168	9363	2502	11865	1478	13343	49.53
MUs	125.39	12.67	15.68	153.74	7.92	3.45	80.19	83.20	-6.71	-6.31	242.00	75.30	317.30	42.66	359.96	49.43

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/Feb/2009

Position as on 6.30 Hrs of 06/Feb/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
Tata Trombay 6	500	13/01/2009	00.11		Continued.	Capital overhaul	17/02/2009
Koradi Unit 3	105	18/01/2009	04.39		Continued.	Annual Overhaul	13/02/2009
Koyna ST-IV 1	250	20/01/2009	22:00		Continued.	Annual Overhaul	20/02/2009
Cent_Sect KARPR2	220	03/02/2009	00.24		Continued.	Bi-Annual overhaul work	10/03/2009
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 1X	290	22/01/2009	12.03	06/02/2009	02.15	BHMS Installation work	
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	08/02/2009
Nasik Unit 1	125	02/02/2009	15.25	05/02/2009	06.45	Boiler Tube Leakage	
Nasik Unit 5	210	03/02/2009	13.30	05/02/2009	20.35	Boiler Tube Leakage	
Khaparkheda Unit 2	210	05/02/2009	12.11	05/02/2009	14.00	Flame Failure	

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

Position as on 6.30 Hrs of 06/Feb/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Nasik-Navsari-I	06/02/2009	00.15		Continued.	R phase C.T. problem
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar II	03/02/2009	23.04	05/02/2009	07.20	H/T FOR O/V
DHULE-SAR'SAROVAR-I	05/02/2009	00.43		Continued.	H/T FOR O/V
Kolhapur-Mapusa Ckt I	06/02/2009	00.02		Continued.	H/T FOR O/V
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Spare ICT @ Karad	02/02/2009	10.43		Continued.	O/H Work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
ICT - III at Harangul	20/12/2008	14.53		Continued.	Detail Testing Work for Bucholz Alarm.
52B Breaker interconnector at Kalwa	28/01/2009	09.30		Continued.	Breaker Replacement
Bhandara-Kanhan ckt-I	03/02/2009	09.14		Continued.	Relay Retrofitting Work
Padgha-Boiser(PGCIL)	04/02/2009	10.30	06/02/2009	00.14	Insulator Replacement
Pophali-KDPH	05/02/2009	07.50	05/02/2009	16.15	Maintenance work
Chandrapur-Gadchandur	05/02/2009	08.53	05/02/2009	16.25	Fixing of vibration dampers
Bhigwan-Kalyani	05/02/2009	09.05	05/02/2009	17.37	Line Maintenance work.
Sahara-Urse	05/02/2009	09.06	05/02/2009	18.20	Repl.of Insulator.
Dhule-Dondaicha-II	05/02/2009	09.50	05/02/2009	19.40	Replacement of Earth Wire
Bussectionlizer at Apta	05/02/2009	10.50		Continued.	Replacement of R,Y,B phase C.T.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400KV Bus Coupler at Kalwa	05/02/2009	10.15		Continued.	SF6 Breaker Leakage work
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Pedambe-Kharepatan	05/02/2009	08.25	05/02/2009	11.50	For attending Isolator hotspot
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule - Babhaleshwar - I	05/02/2009	11.10	05/02/2009	11.43	Tripped at Dhule end only
Lonikand- Koyna Stage IV	05/02/2009	21.54		Continued.	TRIPPED ON O/V
null					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Jejuri-Jejuri-II	05/02/2009	10.29	05/02/2009	20.04	Testing Work

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 06/Feb/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	65
Unit 2	105	65
Unit 3	105	0
Unit 4	105	80
Unit 5	200	130
Unit 6	210	130
Unit 7	210	120
	1040	590
Bhusawal		
Unit 1	58	25
Unit 2	210	185
Unit 3	210	190
	478	400
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	170
Unit 4	210	160
Unit 5	210	170
Unit 6	250	230
	940	770
Chandrapur		
Unit 1	210	170
Unit 2	210	165
Unit 3	210	210
Unit 4	210	195
Unit 5	500	400
Unit 6	500	400
Unit 7	500	350
	2340	1890
Paras		
Unit 2	55	40
Unit 3	250	210
	305	250
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	200
Unit 4	210	180
	840	780
Nasik		
Unit 1	120	50
Unit 2	120	95
Unit 3	210	190
Unit 4	210	200
Unit 5	210	180
	870	715
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	0
TILLARI	60	60
BHTGR/VEER	21	32
BHIRA T.R.	80	80
RNGR+BHTSA	20	10
BHANDARDRA	45	0
ELDARY	23	10
PAITHAN	12	10
GHATGHAR	250	0
	611	202
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	100
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	100
Trombay 7B	60	90
TATA Hydro	444	425
	1774	1215
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3384
	3143	3384