



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

State Load Dispatch Center, Airoli

Daily system Report

for

24/Feb/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 24/Feb/2009 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	124.824	3020.447	1) Madhya Pradesh	57.190	1552.319
2) Hydro	19.754	331.115	2) Gujrat	13.795	418.756
3) Gas	12.256	348.306	3) Goa	-6.009	-135.914
Total MSGENCO	156.834	3699.868	4) TAPS 1&2 (Inj.)	0.000	169.876
B) OTHERS			5) Pench (Excess)	-0.118	-0.327
1) RGPPL Gas	14.079	183.766	# Total Cent. Sector	64.858	2004.710
2) Wind Generation	5.218	66.977	F) Other Exchanges		
3) PENCH (MS)	0.118	0.350	1) With TPCL	-2.620	-117.943
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	28.427	490.593	1) MSEDCL Bilateral	9.906	247.994
2) TPCL Hydro	3.578	99.767	Include PX	1.233	55.187
TOTAL TPCL	32.005	590.360	2) MUMBAI Bilateral	3.994	141.022
3) REL Thermal	12.685	304.808	Include PX	0.142	26.007
D) STATE			3) MUMBAI Schedule	3.994	141.772
1) Thermal (A1+C1+C3)	165.936	3815.848	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	23.450	431.232	1) MSEDCL	238.487	5838.078
3) Gas (A3+B1)	26.335	532.072	2) TPCL	31.663	671.545
4) Wind (B2)	5.218	66.977	3) REL	15.645	342.217
TOTAL STATE	220.939	4846.129	TOTAL STATE	285.795	6851.840

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	5419	5214	5158
MSGENCO Hydro	523	1711	176
MSGENCO Gas	505	590	481
MSGENCO Total Generation	6447	7515	5815
Central Sector Receipt	3352	3158	2507
RGPPL	606	545	591
WIND	131	286	181
Exchange with TPCL	-319	-273	205
MSEDCL DEMAND MET	10217	11255	9299
Load Shedding	4222	3782	1672
MSEDCL DEMAND (INCL. LS)	14439	15037	10971
TPCL GENERATION	1354	1534	1138
REL GENERATION	529	528	529
TPCL+REL DEMAND	2202	2335	1462
STATE DEMAND MET	12419	13590	10761
STATE DEMAND (INCL. LS)	16641	17372	12433
Frequency (Hz)	49.11	49.28	49.13
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5053 MW at 12.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			86.63 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.1 Hz at 17.17 Hrs	48.77 Hz at 00.06 Hrs	49.17	6.39 % 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 24/Feb/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.45	38.15	80	8	75
Unit 2	1.74	41.58	82	29	75
Unit 3	1.55	5.97	91	39	80
Unit 4	0.00	33.87	0	0	0
Unit 5	4.14	97.05	187	160	180
Unit 6	0.00	25.94	0	0	0
Unit 7	4.42	101.40	211	119	200
	13.29	343.96			610
Bhusawal					
Unit 1	1.06	15.09	57	26	25
Unit 2	0.00	63.96	0	0	0
Unit 3	4.52	101.19	195	178	190
	5.58	180.24			215
Parli					
Unit 1	0.53	12.42	23	20	20
Unit 2	0.60	13.79	26	23	20
Unit 3	3.76	92.27	181	108	160
Unit 4	3.73	95.78	183	133	145
Unit 5	3.79	77.58	185	132	160
Unit 6	5.65	124.69	250	214	235
	18.05	416.52			740
Chandrapur					
Unit 1	4.07	86.66	176	160	170
Unit 2	4.06	99.25	180	158	175
Unit 3	5.07	103.53	211	211	210
Unit 4	4.71	109.86	199	191	195
Unit 5	10.94	231.31	477	365	450
Unit 6	10.81	234.86	473	412	460
Unit 7	11.12	214.75	482	451	460
	50.78	1080.22			2120
Paras					
Unit 2	0.92	22.71	54	0	25
Unit 3	4.59	108.06	225	145	125
	5.51	130.77			150
Khaparkheda					
Unit 1	4.58	114.10	205	175	200
Unit 2	4.37	110.57	196	164	160
Unit 3	4.06	112.84	185	158	170
Unit 4	4.38	113.70	200	154	200
	17.40	451.21			730
Nasik					
Unit 1	2.27	48.02	103	85	95
Unit 2	2.34	44.61	110	80	95
Unit 3		109.29	0	0	0
Unit 4	4.81	115.90	210	176	200
Unit 5	4.80	99.70	208	191	200
	14.22	417.52			590
Uran					
All Units	12.26	348.31	624	469	450
	12.26	348.31			450
Koyna					
Stage 1-2	2.28	57.17	280	33	520
Stage 4	10.44	129.62	985	0	250
Kovna 12&4 Total	12.72	186.79			770

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.97	39.80	258	0	320
	15.69	226.59			1090
Hydro					
KDPH	0.00	10.33	0	0	0
VTRNA	1.18	30.08	61	0	60
TILLARI	0.35	9.42	60	0	60
BHTGR/VEER	0.96	28.92	40	40	55
BHIRA T.R.	0.16	5.82	50	0	80
RNGR+BHTSA	0.33	8.23	15	13	16
BHANDARDRA	0.74	2.62	31	30	15
ELDARY	0.23	0.57	15	0	0
PAITHAN	0.06	1.21	11	0	0
GHATGHAR	0.06	7.31	50	0	0
	4.07	104.52			286
PENCH (MS)					
Pench (MS)	0.12	0.35	24	0	
	0.12	0.35			
Wind					
MalharPeth	0.15	3.09			
Vankuswadi	0.38	7.12			
ATIT	0.11	0.90			
Kale	0.08	2.56			
Satara	0.19	2.89			
Shirala	0.17	2.30			
K Mahankal	0.05	0.48			
Supa	0.11	1.72			
Vita	0.57	14.28			
Dondaicha	2.14	18.75			
Sakri	0.36	4.10			
Nandurbar	0.30	2.68			
Khadakale	0.39	4.88			
Khaparale	0.19	1.23			
	5.22	66.98			
Dabhol					
RGPP L II	14.08	183.77	619	544	300
RGPP L III		0.00			
	14.08	183.77			300
Tata					
Trombay 4	2.73	63.30	137	100	90
Trombay 5	12.12	289.33	505	505	500
Trombay 6	11.65	57.89	510	360	500
Trombay 7A	1.92	55.94	81	80	100
Trombay 7B	0.00	24.13	0	0	60
TATA Hydro	3.58	99.77	375	2	447
	32.00	590.36			1697
REL					
1&2	12.68	304.81	531	524	500
	12.68	304.81			500
Cent Sect					
Share					3070
					3070

MS PG CL	Thermal	124.82	3020.45		5155
	Thml+Gas	137.08	3368.75		5605
	Hydro	19.75	331.12		1376
	Total	156.83	3699.87		6981
State Total		220.94	4846.13		12548

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/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	5205	177	476	5858	585	197	2719	2516	-6	48	9204	1638	10842	1622	12464	49.07
2	5158	176	481	5815	591	181	2579	2507	141	205	9299	1672	10971	1462	12433	49.13
3	5144	178	480	5802	614	185	2484	2601	235	304	9506	1781	11287	1364	12651	49.22
4	5183	330	481	5994	571	196	2439	2608	285	354	9723	1725	11448	1304	12752	49.08
5	5219	394	500	6113	547	201	2444	2583	285	351	9795	2430	12225	1287	13512	49.14
6	5296	819	505	6620	597	218	2666	2678	47	94	10207	2709	12916	1483	14399	49.05
7	5362	698	506	6566	619	197	2616	2510	47	95	9987	3684	13671	1597	15268	49.10
8	5396	402	507	6305	619	196	2968	2826	36	80	10026	3934	13960	1685	15645	49.23
9	5462	363	503	6328	613	148	3090	3072	-133	-96	10065	4208	14273	1927	16200	49.20
10	5419	523	505	6447	606	131	3293	3352	-357	-319	10217	4222	14439	2202	16641	49.11
11	5389	818	478	6685	603	140	3295	3226	-357	-322	10332	3848	14180	2372	16552	49.06
12	5221	1075	470	6766	599	125	3342	3340	-405	-357	10473	4177	14650	2487	17137	49.11
13	5210	1322	469	7001	599	164	3337	3293	-405	-354	10703	4066	14769	2409	17178	49.11
14	5170	1167	478	6815	600	244	3287	3319	-357	-310	10668	4027	14695	2317	17012	49.29
15	5069	1284	480	6833	598	356	3286	3055	-357	-309	10533	3885	14418	2348	16766	49.15
16	5104	1035	484	6623	601	281	3287	3211	-357	-306	10410	4078	14488	2349	16837	49.23
17	5072	1294	485	6851	603	348	3289	3370	-357	-307	10865	3984	14849	2338	17187	49.22
18	5063	1165	538	6766	561	282	3391	3429	-372	-316	10722	3821	14543	2265	16808	49.30
19	5084	1184	529	6797	549	270	3360	3455	-262	-203	10890	3709	14599	2202	16801	49.36
20	5214	1711	590	7515	545	286	3087	3158	-332	-273	11255	3782	15037	2335	17372	49.28
21	5127	1386	591	7104	544	268	3063	3153	-280	-201	10892	3225	14117	2194	16311	49.30
22	5112	1092	624	6828	555	225	3066	2957	-279	-196	10393	3221	13614	2072	15686	49.23
23	5105	665	584	6354	580	171	3080	3074	-288	-205	9998	3062	13060	1914	14974	49.08
24	5036	497	512	6045	580	208	2830	2933	-166	-77	9689	2446	12135	1775	13910	49.07
MUs	124.82	19.76	12.26	156.83	14.08	5.22	72.30	72.23	-3.99	-2.62	245.85	79.33	325.19	47.31	372.50	49.17

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 24/Feb/2009

Position as on 6.30 Hrs of 25/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
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
Koyna Unit 4	75	21/02/2009	08.00		Continued.	Turbine Part Leakages	27/02/2009
Cent_Sect TARAPUR-3	540	22/02/2009	20.38		Continued.	Outage	28/02/2009
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.	25/02/2009
Koradi Unit 4	115	22/02/2009	06.38		Continued.	Hydrogen Leakage	28/02/2009
Nasik Unit 3	210	23/02/2009	17.30		Continued.	Boiler Tube Leakage	27/02/2009
Cent_Sect sipat-5	500	23/02/2009	19.06		Continued.	Boiler Tube Leakage	
Bhusawal Unit 2	210	23/02/2009	22.05	25/02/2009	04.30	Air Heater Prob.	25/02/2009
Uran Unit 8	108	23/02/2009	22.40	24/02/2009	17.10	Gas Restriction	
Paras Unit 2	55	24/02/2009	11.50	24/02/2009	16.39	A.C. Supply failure.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Feb/2009

Position as on 6.30 Hrs of 25/Feb/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Kolhapur-Mapusa Ckt I	24/02/2009	21.04		Continued.	Relay replacement
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Mudshingi-Ponda	24/02/2009	08.50	24/02/2009	18.25	Insulator Replacement
Voltage Level : 400KV			Outage Type HAND TRIPPED		
DHULE-SAR'SAROVAR-I	21/02/2009	01:08	24/02/2009	17.50	H/T FOR O/V
Kolhapur-Mapusa Ckt I	24/02/2009	00.22	24/02/2009	09.12	H/T FOR O/V
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
KOLHAPUR-KARAD CKT.I	24/02/2009	10.31	24/02/2009	11.26	Q.M. & Testing work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
ICT - III at Harangul	20/12/2008	14.53		Continued.	New ICT commissioning work
PADGHA-JINDAL	24/02/2009	10.55	24/02/2009	19.25	Insulator replacement and Testing work.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV,315 MVA ICT-2 Own Br.at N/Koyna	24/02/2009	13.07		Continued.	M.Br.Lock out.ICT on TBC.
Voltage Level : 400KV			Outage Type TRIPPED		
KARAD-KOLHAPUR-II	24/02/2009	11.03		Continued.	R Ph Conductor Snapped.
400/220kv 315MVA ICT-II at Kolhapur	24/02/2009	17.50	24/02/2009	18.13	Trip Relay Operated.
Voltage Level : 220KV			Outage Type TRIPPED		
Wardha-K'Kheda	24/02/2009	12.35		Continued.	Y phase C.T Burst
Wardha -Bus fault.	24/02/2009	12.35	24/02/2009	13.09	Due to Bursting of Y'Ph.CT Of K'Kheda Ckt.
KALWA-GHATGHAR	24/02/2009	22.47	25/02/2009	02.06	Tripped on Dist.Prot.
Kalwa-Nasik	24/02/2009	23.07	25/02/2009	01.41	Tripped on Dist.Prot.
Voltage Level : 132KV			Outage Type TRIPPED		
50 MVA,132/33KV T/F-I at Nanded	22/02/2009	17.35		Continued.	132KV Y ph CT of 50MVA 132/33KV T/F-I Burst,& 132KV Bus Bar Protection Operated.
Nanded - Ardhapur	22/02/2009	19.20		Continued.	Due to Shorted Wires of M.B.of 50MVA 132/33KV T/F-I,& 132KV Bus Bar Protection Operated.
Paras-Akola-II	24/02/2009	11.51	24/02/2009	12.15	Occurance at 132 KV Paras S/Stn.
Paras-Akola-I	24/02/2009	11.51	24/02/2009	12.17	Occurance at 132 KV Paras S/Stn.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 25/Feb/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	50
Unit 3	105	50
Unit 4	105	0
Unit 5	200	170
Unit 6	210	0
Unit 7	210	150
	1040	490
Bhusawal		
Unit 1	58	50
Unit 2	210	0
Unit 3	210	195
	478	245
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	160
Unit 4	210	160
Unit 5	210	160
Unit 6	250	230
	940	750
Chandrapur		
Unit 1	210	170
Unit 2	210	165
Unit 3	210	210
Unit 4	210	195
Unit 5	500	470
Unit 6	500	450
Unit 7	500	475
	2340	2135
Paras		
Unit 2	55	55
Unit 3	250	220
	305	275
Khaparkheda		
Unit 1	210	200
Unit 2	210	190
Unit 3	210	180
Unit 4	210	160
	840	730
Nasik		
Unit 1	120	95
Unit 2	120	95
Unit 3	210	0
Unit 4	210	200
Unit 5	210	200
	870	590
Uran		
All Units	852	600
	852	600
Koyna		
Stage 1-2	600	530
Stage 4	1000	250
Stage 3	320	320
	1920	1100
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	0
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	55
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	15
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	285
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		
RGPP II	740	300
RGPP III	740	
	1480	300
Tata		
Trombay 4	150	140
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	100
Trombay 7B	60	0
TATA Hydro	444	447
	1774	1687
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3161
	3143	3161

	17146	12848
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