



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

State Load Dispatch Center, Airoli

Daily system Report

for

01/Jan/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 01/Jan/2009 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	120.193	120.193	1) Madhya Pradesh	62.761	62.761
2) Hydro	4.445	4.445	2) Gujrat	12.958	12.958
3) Gas	14.323	14.323	3) Goa	-5.113	-5.113
Total MSGENCO	138.961	138.961	4) TAPS 1&2 (Inj.)	3.645	3.645
B) OTHERS			5) Pench (Excess)	0.000	0.000
1) RGPPL Gas	15.108	15.108	# Total Cent. Sector	74.251	74.251
2) Wind Generation	1.208	1.208	F) Other Exchanges		
3) PENCH (MS)	0.000	0.000	1) With TPCL	2.138	2.138
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	24.007	24.007	1) MSEDCL Bilateral	10.960	10.960
2) TPCL Hydro	3.295	3.295	Include PX	2.686	2.686
TOTAL TPCL	27.302	27.302	2) MUMBAI Bilateral	-0.446	-0.446
3) REL Thermal	12.693	12.693	Include PX	0.000	0.000
D) STATE			3) MUMBAI Schedule	-0.446	-0.446
1) Thermal (A1+C1+C3)	156.893	156.893	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	7.740	7.740	1) MSEDCL	231.666	231.666
3) Gas (A3+B1)	29.431	29.431	2) TPCL	25.633	25.633
4) Wind (B2)	1.208	1.208	3) REL	12.224	12.224
TOTAL STATE	195.272	195.272	TOTAL STATE	269.523	269.523

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	5187	5181	4649
MSGENCO Hydro	387	516	88
MSGENCO Gas	682	558	572
MSGENCO Total Generation	6256	6255	5309
Central Sector Receipt	3434	3420	2388
RGPPL	633	631	629
WIND	45	41	37
Exchange with TPCL	76	59	165
MSEDCL DEMAND MET	10444	10406	8528
Load Shedding	3459	3250	70
MSEDCL DEMAND (INCL. LS)	13903	13656	8598
TPCL GENERATION	1316	1430	819
REL GENERATION	529	529	530
TPCL+REL DEMAND	1769	1900	1184
STATE DEMAND MET	12213	12306	9712
STATE DEMAND (INCL. LS)	15672	15556	9782
Frequency (Hz)	49.30	49.57	50.23
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3991 MW at 13:00Hrs.
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			53.86 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.49 Hz at 03.07 Hrs	48.93 Hz at 07.21 Hrs	49.65	.98 % 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 01/Jan/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.06	0.06	24	0	0
Unit 2	1.95	1.95	87	76	75
Unit 3	1.97	1.97	94	32	80
Unit 4	0.00	0.00	0	0	0
Unit 5	3.48	3.48	179	5	150
Unit 6	2.64	2.64	158	0	90
Unit 7	3.72	3.72	178	137	150
	13.82	13.82			545
Bhusawal					
Unit 1	1.27	1.27	58	49	50
Unit 2	4.33	4.33	187	174	180
Unit 3	4.50	4.50	202	124	190
	10.10	10.10			420
Parli					
Unit 1	0.58	0.58	26	21	20
Unit 2	0.61	0.61	26	23	20
Unit 3	3.26	3.26	169	90	135
Unit 4	3.57	3.57	160	136	140
Unit 5	0.00	0.00	0	0	0
Unit 6	5.27	5.27	240	198	200
	13.30	13.30			515
Chandrapur					
Unit 1	4.07	4.07	179	163	170
Unit 2	4.00	4.00	174	158	165
Unit 3	5.07	5.07	212	194	210
Unit 4	4.59	4.59	208	166	200
Unit 5	9.93	9.93	473	340	350
Unit 6	9.83	9.83	445	378	425
Unit 7	9.39	9.39	426	348	425
	46.88	46.88			1945
Paras					
Unit 2	0.98	0.98	46	33	50
Unit 3	4.83	4.83	223	161	170
	5.81	5.81			220
Khaparkheda					
Unit 1	4.62	4.62	211	160	170
Unit 2	4.62	4.62	206	162	170
Unit 3	4.65	4.65	212	166	170
Unit 4	0.00	0.00	0	0	0
	13.89	13.89			510
Nasik					
Unit 1	2.10	2.10	94	80	100
Unit 2	0.00	0.00	0	0	0
Unit 3	4.96	4.96	218	192	205
Unit 4	4.82	4.82	208	182	200
Unit 5	4.52	4.52	196	181	190
	16.39	16.39			695
Uran					
All Units	14.32	14.32	691	513	570
	14.32	14.32			570
Koyna					
Stage 1-2	1.68	1.68	240	25	600
Stage 4	0.00	0.00	0	0	250
Koyna 12&4 Total	1.68	1.68			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.10	0.10	104	0	320
	1.78	1.78			1170
Hydro					
KDPH	0.00	0.00	0	0	18
VTRNA	0.54	0.54	60	0	60
TILLARI	0.34	0.34	60	0	60
BHTGR/VEER	1.15	1.15	48	47	38
BHIRA T.R.	0.12	0.12	59	0	40
RNGR+BHTSA	0.30	0.30	16	0	17
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.06	12	0	12
GHATGHAR	0.15	0.15	120	0	0
	2.66	2.66			245
PENCH (MS)					
Pench (MS)	0.00	0.00	0	0	0
	0.00	0.00			0
Wind					
MalharPeth	0.08	0.08			
Vankuswadi	0.16	0.16			
ATIT	0.01	0.01			
Kale	0.03	0.03			
Satara	0.06	0.06			
Shirala	0.02	0.02			
K Mahankal	0.01	0.01			
Supa	0.02	0.02			
Vita	0.16	0.16			
Dondaicha	0.46	0.46			
Sakri	0.08	0.08			
Nandurbar	0.06	0.06			
Khadakale	0.02	0.02			
Khaparale	0.06	0.06			
	1.21	1.21			
Dabhol					
RGPPPL II	15.11	15.11	633	627	300
RGPPPL III	0.00	0.00	0	0	0
	15.11	15.11			300
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	12.12	505	505	500
Trombay 6	7.76	7.76	510	150	500
Trombay 7A	2.59	2.59	130	90	120
Trombay 7B	1.54	1.54	70	58	60
TATA Hydro	3.30	3.30	346	2	447
	27.30	27.30			1627
REL					
1&2	12.69	12.69	531	528	500
	12.69	12.69			500
Cent Sect					
Share					3420
					3420

MS PG CL	Thermal+Gas	134.52	134.52			5420
	Hydro	4.44	4.44			1415
	Total	138.96	138.96			6835
State Total		195.27	195.27			12682

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/Jan/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	4707	92	560	5359	630	37	2690	2573	104	160	8759	70	8829	1189	10018	49.86
2	4696	92	573	5361	629	32	2690	2384	104	161	8567	70	8637	1189	9826	50.17
3	4649	88	572	5309	629	37	2663	2388	104	165	8528	70	8598	1184	9782	50.23
4	4710	98	565	5373	629	42	2663	2476	104	162	8682	70	8752	1185	9937	50.09
5	4751	88	564	5403	631	57	2567	2768	199	260	9119	346	9465	1089	10554	49.77
6	4893	138	568	5599	629	50	2792	2951	178	241	9470	1489	10959	1107	12066	49.45
7	5046	184	608	5838	629	60	2773	2896	216	282	9705	2561	12266	1218	13484	49.48
8	5156	224	657	6037	629	87	3153	3231	273	345	10329	2303	12632	1275	13907	49.34
9	5221	384	691	6296	630	85	3211	3500	182	252	10763	2617	13380	1459	14839	49.29
10	5187	387	682	6256	633	45	3396	3434	8	76	10444	3459	13903	1769	15672	49.30
11	5147	272	650	6069	633	54	3469	3036	-73	-6	9786	3759	13545	1940	15485	49.37
12	5112	175	650	5937	630	48	3223	3322	-73	-4	9933	3574	13507	1941	15448	49.39
13	5087	139	637	5863	628	54	3218	3457	27	101	10103	3592	13695	1890	15585	49.32
14	5105	124	641	5870	628	38	3270	3265	77	141	9942	3626	13568	1774	15342	49.62
15	5099	109	623	5831	628	30	3421	3456	-61	9	9954	3436	13390	1842	15232	49.60
16	5141	114	610	5865	629	30	3384	3299	-23	55	9878	3372	13250	1782	15032	49.72
17	5017	199	596	5812	627	39	3308	3363	52	126	9967	3379	13346	1742	15088	49.31
18	5150	170	579	5899	629	44	3366	3262	2	89	9923	3625	13548	1768	15316	49.40
19	5181	516	558	6255	631	41	3450	3420	-30	59	10406	3250	13656	1900	15556	49.57
20	5181	220	548	5949	631	37	3262	3415	-218	-138	9894	3650	13544	1998	15542	49.81
21	5228	193	546	5967	630	42	3197	3318	-152	-74	9883	3287	13170	1808	14978	49.73
22	5186	184	544	5914	629	90	3195	3087	-143	-69	9651	2441	12092	1697	13789	49.83
23	5064	166	515	5745	629	74	3333	3087	-238	-164	9371	249	9620	1643	11263	49.95
24	4696	89	513	5298	628	63	3088	3033	-173	-91	8931	249	9180	1468	10648	50.11
MUs	120.41	4.44	14.25	139.10	15.11	1.22	74.78	74.42	0.45	2.14	231.99	54.54	286.53	37.86	324.39	49.65

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 01/Jan/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 Tarapur 1	80	03/11/2008	22.17		Continued.	Annual Overhaul	15/01/2009
Nasik Unit 2	125	29/11/2008	14.25		Continued.	Annual Overhaul	06/01/2009
Khaparkheda Unit 4	210	09/12/2008	23:51		Continued.	Annual Overhaul	06/01/2009
Parli Unit 5	210	20/12/2008	10.08		Continued.	Annual Overhaul	20/01/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	
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	08/02/2009
Dabhol 3B	230	19/11/2008	19.55		Continued.	W/dn	15/02/2009
Dabhol 3X	290	19/11/2008	19.58		Continued.	W/dn	15/02/2009
Koradi Unit 1	105	30/12/2008	10.13	01/01/2009	07.48	Boiler Tube Leakage	
Koradi Unit 6	210	31/12/2008	08.29	01/01/2009	04.48	G.S.Header leakage	01/01/2009
Koradi Unit 1	105	01/01/2009	10.23	02/01/2009	06.30	Red Hot in wind box.	
Uran Unit 8	108	02/01/2009	00.25	02/01/2009	06.30	Vibration problem.	
Dabhol 1X	290	02/01/2009	07.05	02/01/2009	19.32	Tripped,Electrical fault.	
Uran Unit 7	108	02/01/2009	10.45	02/01/2009	23.35	Gas Restriction	
Parli Unit 6	250	02/01/2009	15.51	02/01/2009	18.54	Drum Level Low	
REL 2	250	02/01/2009	24.00		Continued.	Problem in Boiler Drum Safety Valve.	06/01/2009

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 02/Jan/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	75
Unit 3	105	85
Unit 4	105	0
Unit 5	200	0
Unit 6	210	160
Unit 7	210	170
	1040	490
Bhusawal		
Unit 1	58	50
Unit 2	210	180
Unit 3	210	70
	478	300
Parli		
Unit 1	30	25
Unit 2	30	25
Unit 3	210	150
Unit 4	210	160
Unit 5	210	0
Unit 6	250	250
	940	610
Chandrapur		
Unit 1	210	165
Unit 2	210	165
Unit 3	210	210
Unit 4	210	180
Unit 5	500	450
Unit 6	500	425
Unit 7	500	400
	2340	1995
Paras		
Unit 2	55	30
Unit 3	250	170
	305	200
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	200
Unit 4	210	0
	840	600
Nasik		
Unit 1	120	91
Unit 2	120	0
Unit 3	210	187
Unit 4	210	182
Unit 5	210	172
	870	632
Uran		
All Units	852	500
	852	500
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	47
BHIRA T.R.	80	40
RNGR+BHTSA	20	10
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	227
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	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	110
Trombay 7B	60	55
TATA Hydro	444	447
	1774	1612
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3087
	3143	3087