



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

State Load Dispatch Center, Airoli

Daily system Report

for

12/Jan/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 12/Jan/2009 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	124.512	1442.775	1) Madhya Pradesh	58.833	749.970
2) Hydro	7.345	105.490	2) Gujrat	17.328	168.875
3) Gas	14.458	122.712	3) Goa	-5.483	-62.866
Total MSGENCO	146.315	1670.977	4) TAPS 1&2 (Inj.)	3.617	43.667
B) OTHERS			5) Pench (Excess)	0.000	0.004
1) RGPPL Gas	15.027	170.864	# Total Cent. Sector	74.295	899.650
2) Wind Generation	3.095	23.185	F) Other Exchanges		
3) PENCH (MS)	0.000	0.403	1) With TPCL	0.304	6.769
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	26.682	311.677	1) MSEDCL Bilateral	11.348	134.172
2) TPCL Hydro	4.373	40.293	Include PX	0.509	39.162
TOTAL TPCL	31.055	351.970	2) MUMBAI Bilateral	0.403	3.070
3) REL Thermal	12.713	132.569	Include PX	0.000	2.090
D) STATE			3) MUMBAI Schedule	0.403	3.070
1) Thermal (A1+C1+C3)	163.907	1887.021	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	11.718	146.186	1) MSEDCL	239.036	2772.251
3) Gas (A3+B1)	29.485	293.576	2) TPCL	29.384	321.142
4) Wind (B2)	3.095	23.185	3) REL	14.079	156.631
TOTAL STATE	208.205	2349.968	TOTAL STATE	282.499	3250.024

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	5375	5245	4959
MSGENCO Hydro	320	677	162
MSGENCO Gas	672	653	602
MSGENCO Total Generation	6367	6575	5723
Central Sector Receipt	3040	3580	2470
RGPPL	631	628	629
WIND	159	53	139
Exchange with TPCL	-21	-51	174
MSEDCL DEMAND MET	10176	10785	9135
Load Shedding	3558	3125	0
MSEDCL DEMAND (INCL. LS)	13734	13910	9135
TPCL GENERATION	1505	1676	841
REL GENERATION	529	529	530
TPCL+REL DEMAND	2055	2256	1197
STATE DEMAND MET	12231	13041	10332
STATE DEMAND (INCL. LS)	15789	16166	10332
Frequency (Hz)	49.54	49.60	50.23
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3887 MW at 13.00Hrs.
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			56.30 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.41 Hz at 00.10 Hrs	48.79 Hz at 11.18 Hrs	49.61	1.81 % 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 12/Jan/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	13.41	0	0	0
Unit 2	1.71	20.11	81	54	70
Unit 3	1.72	15.67	87	53	80
Unit 4	1.42	11.88	74	32	70
Unit 5	2.76	33.27	146	0	140
Unit 6	3.58	42.34	170	133	150
Unit 7	3.67	45.94	182	138	150
	14.86	182.61			660
Bhusawal					
Unit 1	1.32	15.07	59	51	50
Unit 2	4.41	38.01	191	172	190
Unit 3	4.56	52.95	198	180	190
	10.30	106.03			430
Parli					
Unit 1	0.62	7.12	28	24	20
Unit 2	0.59	7.03	26	23	20
Unit 3	4.12	43.49	180	160	170
Unit 4	4.28	47.89	192	146	140
Unit 5	0.00	0.00	0	0	0
Unit 6	5.36	61.04	260	170	210
	14.98	166.57			560
Chandrapur					
Unit 1	4.09	48.95	176	164	165
Unit 2	3.90	46.59	165	157	160
Unit 3	5.08	60.88	212	205	210
Unit 4	4.53	57.22	210	127	210
Unit 5	10.92	117.51	476	428	450
Unit 6	10.60	118.14	462	405	450
Unit 7	10.08	106.71	447	392	450
	49.21	555.99			2095
Paras					
Unit 2	1.04	11.98	46	38	40
Unit 3	3.80	48.56	184	114	150
	4.84	60.54			190
Khaparkheda					
Unit 1	4.44	52.00	209	169	170
Unit 2	4.28	52.48	196	158	170
Unit 3	4.41	53.07	204	168	170
Unit 4	0.00	5.08	0	0	0
	13.13	162.62			510
Nasik					
Unit 1	2.17	27.37	101	85	81
Unit 2	2.11	15.64	95	78	91
Unit 3	4.56	57.75	205	148	162
Unit 4	4.30	55.44	202	156	162
Unit 5	4.06	52.22	187	149	162
	17.20	208.41			658
Uran					
All Units	14.46	122.71	677	446	600
	14.46	122.71			600
Koyna					
Stage 1-2	1.40	22.12	140	40	600
Stage 4	0.38	28.04	148	0	250
Koyna 12&4 Total	1.78	50.17			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.61	10.74	202	0	320
	2.39	60.91			1170
Hydro					
KDPH	0.47	3.08	20	19	18
VTRNA	1.19	8.16	61	0	60
TILLARI	0.29	4.39	60	0	60
BHTGR/VEER	1.32	13.37	55	55	44
BHIRA T.R.	0.13	1.92	44	0	80
RNGR+BHTSA	0.30	4.72	13	12	18
BHANDARDRA	0.75	4.10	32	31	0
ELDARY	0.25	0.25	16	0	15
PAITHAN	0.07	0.62	12	0	12
GHATGHAR	0.19	3.97	125	0	0
	4.96	44.58			307
PENCH (MS)					
Pench (MS)	0.00	0.40	0	0	0
	0.00	0.40			0
Wind					
MalharPeth	0.16	1.12			
Vankuswadi	0.36	2.66			
ATIT	0.04	0.23			
Kale	0.14	0.61			
Satara	0.14	0.91			
Shirala	0.14	0.58			
K Mahankal	0.02	0.18			
Supa	0.08	0.70			
Vita	0.79	4.31			
Dondaicha	0.67	7.04			
Sakri	0.09	1.30			
Nandurbar	0.05	0.89			
Khadakale	0.40	2.22			
Khaparale	0.04	0.43			
	3.10	23.18			
Dabhol					
RGPP L II	15.03	170.86	633	611	300
RGPP L III	0.00	0.00	0	0	0
	15.03	170.86			300
Tata					
Trombay 4	1.72	14.55	106	50	150
Trombay 5	12.12	144.67	505	505	500
Trombay 6	8.68	116.82	510	150	500
Trombay 7A	2.60	22.30	126	74	100
Trombay 7B	1.56	13.33	70	55	60
TATA Hydro	4.37	40.29	398	2	447
	31.06	351.97			1757
REL					
1&2	12.71	132.57	531	529	500
	12.71	132.57			500
Cent Sect					
Share					3140
					3140

MS PG CL	Thermal+Gas	138.97	1565.49		5703
	Hydro	7.34	105.49		1477
	Total	146.32	1670.98		7180
State Total		208.20	2349.97		12877

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 12/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	5027	223	446	5696	629	137	2749	2780	148	173	9415	0	9415	1210	10625	50.14
2	4937	182	467	5586	630	139	2748	2724	148	173	9252	0	9252	1212	10464	50.12
3	4959	162	602	5723	629	139	2720	2470	148	174	9135	0	9135	1197	10332	50.23
4	4894	172	616	5682	629	235	2721	2571	148	171	9288	0	9288	1197	10485	50.08
5	4884	157	634	5675	629	218	2721	2901	148	173	9596	17	9613	1194	10807	49.83
6	5098	225	660	5983	629	251	2658	2889	152	177	9929	1491	11420	1205	12625	49.65
7	5330	223	675	6228	630	274	2639	2386	152	178	9696	2400	12096	1437	13533	49.41
8	5362	230	677	6269	631	261	2994	2836	243	268	10265	2540	12805	1537	14342	49.25
9	5399	253	675	6327	631	203	2985	3029	243	269	10459	3196	13655	1704	15359	49.38
10	5375	320	672	6367	631	159	3296	3040	-32	-21	10176	3558	13734	2055	15789	49.54
11	5267	386	485	6138	624	100	3356	3405	-93	-80	10187	3289	13476	2230	15706	49.19
12	5240	364	462	6066	617	106	3378	3556	-113	-100	10245	3509	13754	2270	16024	49.27
13	5265	375	456	6096	611	80	3413	3475	-113	-87	10175	3479	13654	2236	15890	49.24
14	5250	364	493	6107	616	51	3360	3333	-63	-31	10076	3637	13713	2136	15849	49.53
15	5241	241	598	6080	616	57	3326	3247	-32	-5	9995	3502	13497	2164	15661	49.56
16	5103	275	632	6010	614	64	3320	3364	-32	-6	10046	3295	13341	2172	15513	49.36
17	5006	454	642	6102	625	61	3319	3607	-32	-4	10391	3260	13651	2166	15817	49.56
18	5225	433	651	6309	627	52	3283	3456	-13	13	10457	3499	13956	2132	16088	49.69
19	5245	677	653	6575	628	53	3420	3580	-80	-51	10785	3125	13910	2256	16166	49.60
20	5350	624	654	6628	628	68	3230	3107	-300	-258	10173	3382	13555	2352	15907	49.51
21	5360	322	656	6338	628	83	3238	3365	-299	-251	10163	3197	13360	2171	15531	49.57
22	5256	270	656	6182	630	93	3227	3343	-293	-242	10006	3039	13045	1862	14907	49.51
23	5213	237	628	6078	633	104	3277	3015	-295	-243	9587	1928	11515	1792	13307	49.71
24	5221	173	586	5980	632	106	3044	2780	-140	-86	9412	126	9538	1577	11115	49.68
MUs	124.51	7.34	14.38	146.22	15.03	3.09	74.42	74.26	-0.40	0.30	238.91	55.47	294.38	43.46	337.84	49.61

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 12/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
Parli Unit 5	210	20/12/2008	10.08		Continued.	Annual Overhaul	20/01/2009
Tata Trombay 6	500	13/01/2009	00.11		Continued.	Capital overhaul	17/02/2009
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	10/01/2009	14.40		Continued.	NO COAL	13/01/2009
Khaparkheda Unit 4	210	11/01/2009	22.37		Continued.	Hydrogen Leakage	15/01/2009
Uran Unit 7	108	12/01/2009	10.11	12/01/2009	13.18	Tripped	
Koradi Unit 5	200	12/01/2009	15.22	12/01/2009	17.30	Furnace Pressure High	
Nasik Unit 4	210	13/01/2009	05.01		Continued.	Gen.Protection	

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 13/Jan/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	50
Unit 4	105	70
Unit 5	200	170
Unit 6	210	140
Unit 7	210	140
	1040	640
Bhusawal		
Unit 1	58	50
Unit 2	210	190
Unit 3	210	190
	478	430
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	170
Unit 4	210	150
Unit 5	210	0
Unit 6	250	210
	940	570
Chandrapur		
Unit 1	210	165
Unit 2	210	160
Unit 3	210	210
Unit 4	210	210
Unit 5	500	470
Unit 6	500	450
Unit 7	500	450
	2340	2115
Paras		
Unit 2	55	40
Unit 3	250	170
	305	210
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	170
Unit 4	210	0
	840	510
Nasik		
Unit 1	120	81
Unit 2	120	81
Unit 3	210	182
Unit 4	210	0
Unit 5	210	172
	870	516
Uran		
All Units	852	580
	852	580
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	20
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	56
BHIRA T.R.	80	44
RNGR+BHTSA	20	12
BHANDARDRA	45	34
ELDARY	23	15
PAITHAN	12	12
GHATGHAR	250	0
	611	313
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	0
	1480	300
Tata		
Trombay 4	150	150
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	100
Trombay 7B	60	60
TATA Hydro	444	447
	1774	1257
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3315
	3143	3315