



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

State Load Dispatch Center, Airoli

Daily system Report

for

05/Jan/2009

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	118.783	588.998	1) Madhya Pradesh	66.874	329.976
2) Hydro	7.765	36.713	2) Gujrat	13.573	67.661
3) Gas	13.392	62.644	3) Goa	-5.294	-26.142
Total MSGENCO	139.940	688.355	4) TAPS 1&2 (Inj.)	3.653	18.270
B) OTHERS			5) Pench (Excess)	0.000	-0.091
1) RGPPL Gas	13.692	70.203	# Total Cent. Sector	78.806	389.674
2) Wind Generation	2.375	8.935	F) Other Exchanges		
3) PENCH (MS)	0.000	0.091	1) With TPCL	-2.519	-1.466
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	29.522	133.724	1) MSEDCL Bilateral	11.439	53.990
2) TPCL Hydro	3.564	17.510	Include PX	5.171	18.817
TOTAL TPCL	33.086	151.234	2) MUMBAI Bilateral	3.396	6.951
3) REL Thermal	6.001	43.800	Include PX	2.090	2.090
D) STATE			3) MUMBAI Schedule	3.396	6.951
1) Thermal (A1+C1+C3)	154.306	766.522	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	11.329	54.314	1) MSEDCL	232.294	1155.883
3) Gas (A3+B1)	27.084	132.847	2) TPCL	28.334	132.988
4) Wind (B2)	2.375	8.935	3) REL	13.273	63.512
TOTAL STATE	195.094	962.618	TOTAL STATE	273.901	1352.383

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	5246	5181	4551
MSGENCO Hydro	365	969	102
MSGENCO Gas	501	630	466
MSGENCO Total Generation	6112	6780	5119
Central Sector Receipt	3552	3651	2743
RGPPL	632	321	628
WIND	34	174	98
Exchange with TPCL	-231	-316	186
MSEDCL DEMAND MET	10099	10610	8774
Load Shedding	4153	3469	0
MSEDCL DEMAND (INCL. LS)	14252	14079	8774
TPCL GENERATION	1592	1604	1195
REL GENERATION	263	264	266
TPCL+REL DEMAND	2086	2184	1275
STATE DEMAND MET	12185	12794	10049
STATE DEMAND (INCL. LS)	16338	16263	10049
Frequency (Hz)	49.25	49.38	50.08
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4673 MW at 13.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			77.5350 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.47 Hz at 03.06 Hrs	48.82 Hz at 17.10 Hrs	49.52	2.18 % 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/Jan/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.87	6.60	87	71	70
Unit 2	1.84	9.46	79	72	70
Unit 3	0.00	7.30	0	0	0
Unit 4	1.76	2.64	92	0	80
Unit 5	4.06	12.90	184	142	160
Unit 6	3.90	17.69	178	148	160
Unit 7	4.56	20.91	209	160	200
	17.99	77.50			740
Bhusawal					
Unit 1	1.27	6.15	56	46	50
Unit 2	0.00	14.25	0	0	0
Unit 3	4.34	20.94	200	156	180
	5.60	41.34			230
Parli					
Unit 1	0.59	2.94	26	23	20
Unit 2	0.58	2.98	26	23	20
Unit 3	3.65	17.15	169	140	145
Unit 4	3.50	18.72	203	106	125
Unit 5	0.00	0.00	0	0	0
Unit 6	5.54	25.40	240	217	240
	13.87	67.21			550
Chandrapur					
Unit 1	4.14	20.37	176	171	165
Unit 2	3.87	19.40	164	157	160
Unit 3	5.07	25.43	212	210	210
Unit 4	4.92	23.64	211	191	205
Unit 5	9.50	46.94	448	296	300
Unit 6	9.53	47.21	438	342	400
Unit 7	8.86	45.22	393	340	400
	45.89	228.23			1840
Paras					
Unit 2	0.99	5.13	45	36	50
Unit 3	4.16	21.61	209	160	160
	5.16	26.74			210
Khaparkheda					
Unit 1	4.38	20.85	207	166	170
Unit 2	4.38	22.04	202	172	170
Unit 3	4.34	22.02	204	170	170
Unit 4	0.00	0.00	0	0	0
	13.11	64.90			510
Nasik					
Unit 1	2.42	11.44	104	94	100
Unit 2	0.62	0.62	96	0	0
Unit 3	4.86	24.82	212	181	205
Unit 4	4.77	24.04	212	172	200
Unit 5	4.51	22.17	196	174	190
	17.17	83.09			695
Uran					
All Units	13.39	62.64	652	462	485
	13.39	62.64			485
Koyna					
Stage 1-2	2.23	8.60	370	35	600
Stage 4	1.38	9.11	464	0	250
Koyna 12&4 Total	3.61	17.71			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.08	4.23	286	0	320
	4.69	21.94			1170
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	0.49	2.49	61	0	60
TILLARI	0.38	1.76	60	0	60
BHTGR/VEER	1.06	5.66	44	44	54
BHIRA T.R.	0.22	0.84	78	0	40
RNGR+BHTSA	0.43	1.92	18	18	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.24	12	0	12
GHATGHAR	0.43	1.86	125	0	0
	3.08	14.78			241
PENCH (MS)					
Pench (MS)	0.00	0.09	0	0	0
	0.00	0.09			0
Wind					
MalharPeth	0.10	0.40			
Vankuswadi	0.24	0.94			
ATIT	0.03	0.08			
Kale	0.01	0.12			
Satara	0.05	0.33			
Shirala	0.04	0.15			
K Mahankal	0.01	0.06			
Supa	0.02	0.14			
Vita	0.06	1.02			
Dondaicha	1.30	4.10			
Sakri	0.27	0.74			
Nandurbar	0.18	0.56			
Khadakale	0.02	0.10			
Khaparale	0.06	0.21			
	2.38	8.94			
Dabhol					
RGPP L II	13.69	70.20	632	321	300
RGPP L III	0.00	0.00	0	0	0
	13.69	70.20			300
Tata					
Trombay 4	1.38	1.43	69	12	150
Trombay 5	12.12	60.60	505	505	500
Trombay 6	12.01	53.44	510	340	500
Trombay 7A	2.50	11.05	114	85	100
Trombay 7B	1.52	7.21	67	58	60
TATA Hydro	3.56	17.51	396	2	447
	33.09	151.23			1757
REL					
1&2	6.00	43.80	440	0	250
	6.00	43.80			250
Cent Sect					
Share					3695
					3695

MS PG CL	Thermal+Gas	132.18	651.64		5260
	Hydro	7.76	36.71		1411
	Total	139.94	688.36		6671
State Total		195.09	962.62		12673

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/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	4620	107	464	5191	627	99	2709	2949	-2	33	8899	0	8899	1413	10312	50.08
2	4551	102	466	5119	628	98	2567	2743	148	186	8774	0	8774	1275	10049	50.08
3	4589	112	466	5167	627	106	2519	2761	198	238	8899	0	8899	1220	10119	50.11
4	4611	97	469	5177	626	114	2521	3023	198	238	9178	0	9178	995	10173	50.14
5	4623	102	463	5188	628	113	2514	3135	204	241	9305	1189	10494	979	11473	49.85
6	4727	147	462	5336	629	119	2604	2951	211	247	9282	2577	11859	1164	13023	49.60
7	4924	162	462	5548	629	66	2683	2704	111	144	9091	3874	12965	1367	14332	49.51
8	4988	158	501	5647	629	62	3210	3043	38	68	9449	4192	13641	1573	15214	49.37
9	5115	178	507	5800	629	41	3243	3425	2	30	9925	4206	14131	1608	15739	49.43
10	5246	365	501	6112	632	34	3526	3552	-254	-231	10099	4153	14252	2086	16338	49.25
11	5137	370	513	6020	631	36	3549	3635	-284	-252	10070	4050	14120	2164	16284	49.21
12	5069	271	576	5916	630	27	3638	3640	-379	-347	9866	4087	13953	2204	16157	49.30
13	5038	339	607	5984	628	36	3634	3875	-379	-346	10177	3973	14150	2124	16274	49.26
14	5061	317	608	5986	628	59	3596	3826	-343	-311	10188	3983	14171	2068	16239	49.35
15	5063	478	608	6149	627	68	3595	3647	-343	-312	10179	4019	14198	2059	16257	49.28
16	5000	422	614	6036	625	101	3595	3696	-343	-310	10148	4043	14191	2003	16194	49.19
17	4964	512	623	6099	627	200	3613	3581	-379	-347	10160	3879	14039	2030	16069	49.25
18	5108	624	635	6367	344	184	3590	3585	-365	-305	10175	3928	14103	1963	16066	49.22
19	5181	969	630	6780	321	174	3691	3651	-374	-316	10610	3469	14079	2184	16263	49.38
20	5160	713	640	6513	323	142	3241	3430	-343	-309	10099	3740	13839	2129	15968	49.55
21	5151	548	648	6347	346	127	3148	3387	-248	-207	10000	3430	13430	1957	15387	49.46
22	5051	438	652	6141	427	138	3144	3235	-241	-202	9739	3256	12995	1833	14828	49.46
23	4878	127	638	5643	624	126	2894	2858	-144	-103	9148	3146	12294	1682	13976	49.53
24	4896	107	650	5653	627	122	2804	2473	-81	-46	8829	1409	10238	1526	11764	49.63
MUs	118.75	7.76	13.40	139.92	13.69	2.39	75.83	78.80	-3.40	-2.52	232.29	70.60	302.89	41.61	344.50	49.52

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/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	06/01/2009	13.50	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
REL 2	250	02/01/2009	24.00	05/01/2009	21.36	Problem in Boiler Drum Safety Valve.	
Uran Unit 8	108	03/01/2009	02.21	05/01/2009	09.58	Gas Restriction	
Cent_Sect TARAPUR-3	540	04/01/2009	01.47		Continued.	C.W.Pump Tripped	06/01/2009
Bhusawal Unit 2	210	04/01/2009	09.58		Continued.	Drum Leakages	06/01/2009
Koradi Unit 3	105	04/01/2009	21.49		Continued.	Water wall Tube leakage	07/01/2009
REL 1	250	05/01/2009	03.06	05/01/2009	05.03	GT.Bucholz Operated.	
Koradi Unit 4	115	05/01/2009	06.46	05/01/2009	08.10	NO COAL	
Nasik Unit 2	125	05/01/2009	14.15	05/01/2009	16.00	Turbine Vibrations	
Dabhol 2B	230	05/01/2009	16.54	05/01/2009	20.02	Processor supply disturbance	
Dabhol 2X	290	05/01/2009	16.58	05/01/2009	21.13	Processor Supply disturbance	
Koradi Unit 5	200	06/01/2009	02.33		Continued.	Flame Failure	06/01/2009
Tata Trombay 4	150	06/01/2009	04.00		Continued.	Control valve problem	07/01/2009

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 06/Jan/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	75
Unit 2	105	70
Unit 3	105	0
Unit 4	105	40
Unit 5	200	0
Unit 6	210	160
Unit 7	210	180
	1040	525
Bhusawal		
Unit 1	58	50
Unit 2	210	0
Unit 3	210	180
	478	230
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	170
Unit 4	210	170
Unit 5	210	0
Unit 6	250	245
	940	625
Chandrapur		
Unit 1	210	170
Unit 2	210	160
Unit 3	210	210
Unit 4	210	205
Unit 5	500	380
Unit 6	500	400
Unit 7	500	400
	2340	1925
Paras		
Unit 2	55	40
Unit 3	250	160
	305	200
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	170
Unit 4	210	0
	840	510
Nasik		
Unit 1	120	95
Unit 2	120	0
Unit 3	210	205
Unit 4	210	200
Unit 5	210	180
	870	680
Uran		
All Units	852	650
	852	650
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	40
BHIRA T.R.	80	40
RNGR+BHTSA	20	18
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	11
GHATGHAR	250	0
	611	229
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	100
Trombay 7B	60	60
TATA Hydro	444	447
	1774	1607
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3396
	3143	3396