



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

State Load Dispatch Center, Airoli

Daily system Report

for

06/Jan/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 06/Jan/2009 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	117.877	706.875	1) Madhya Pradesh	62.217	392.193
2) Hydro	9.340	46.053	2) Gujrat	12.417	80.078
3) Gas	15.994	78.638	3) Goa	-5.193	-31.335
Total MSGENCO	143.211	831.566	4) TAPS 1&2 (Inj.)	3.658	21.928
B) OTHERS			5) Pench (Excess)	-0.034	-0.125
1) RGPPL Gas	15.094	85.297	# Total Cent. Sector	73.065	462.739
2) Wind Generation	1.595	10.530	F) Other Exchanges		
3) PENCH (MS)	0.160	0.251	1) With TPCL	0.241	-1.225
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	26.142	159.866	1) MSEDCL Bilateral	11.341	65.330
2) TPCL Hydro	3.115	20.625	Include PX	4.753	23.569
TOTAL TPCL	29.257	180.491	2) MUMBAI Bilateral	0.495	7.446
3) REL Thermal	12.525	56.325	Include PX	0.000	2.090
D) STATE			3) MUMBAI Schedule	0.495	7.446
1) Thermal (A1+C1+C3)	156.544	923.066	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	12.615	66.929	1) MSEDCL	233.366	1389.409
3) Gas (A3+B1)	31.088	163.935	2) TPCL	28.069	161.057
4) Wind (B2)	1.595	10.530	3) REL	13.473	76.985
TOTAL STATE	201.842	1164.460	TOTAL STATE	274.908	1627.451

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	4957	5315	4751
MSGENCO Hydro	590	863	107
MSGENCO Gas	680	656	682
MSGENCO Total Generation	6227	6834	5540
Central Sector Receipt	3289	3080	2580
RGPPL	631	631	628
WIND	25	88	82
Exchange with TPCL	-148	-117	236
MSEDCL DEMAND MET	10024	10554	9066
Load Shedding	4154	4192	63
MSEDCL DEMAND (INCL. LS)	14178	14746	9129
TPCL GENERATION	1491	1476	957
REL GENERATION	528	529	470
TPCL+REL DEMAND	2167	2122	1191
STATE DEMAND MET	12191	12676	10257
STATE DEMAND (INCL. LS)	16345	16868	10320
Frequency (Hz)	49.12	49.20	49.91
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5022 MW At 16.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			80.800 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.15 Hz at 01.51 Hrs	48.79 Hz at 10.08 Hrs	49.39	7.64 % 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 06/Jan/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.76	8.36	87	51	75
Unit 2	1.32	10.77	82	0	70
Unit 3	0.00	7.30	0	0	0
Unit 4	1.58	4.22	87	38	40
Unit 5	2.53	15.43	183	0	0
Unit 6	3.82	21.52	177	139	160
Unit 7	4.20	25.12	208	132	180
	15.22	92.71			525
Bhusawal					
Unit 1	1.22	7.37	54	45	50
Unit 2	0.00	14.25	0	0	0
Unit 3	4.56	25.50	196	184	180
	5.78	47.12			230
Parli					
Unit 1	0.57	3.51	26	22	20
Unit 2	0.55	3.53	25	18	20
Unit 3	3.74	20.89	176	144	170
Unit 4	4.22	22.94	208	125	170
Unit 5	0.00	0.00	0	0	0
Unit 6	4.13	29.54	245	0	245
	13.21	80.41			625
Chandrapur					
Unit 1	4.17	24.54	179	166	170
Unit 2	3.87	23.27	164	157	160
Unit 3	4.88	30.31	212	186	210
Unit 4	4.92	28.56	208	200	205
Unit 5	9.84	56.78	454	343	380
Unit 6	9.92	57.13	460	328	400
Unit 7	8.90	54.12	420	311	400
	46.49	274.72			1925
Paras					
Unit 2	0.98	6.10	44	36	40
Unit 3	4.02	25.63	192	106	160
	5.00	31.73			200
Khaparkheda					
Unit 1	4.42	25.28	210	170	170
Unit 2	4.42	26.45	205	172	170
Unit 3	4.40	26.42	203	171	170
Unit 4	0.00	0.00	0	0	0
	13.24	78.14			510
Nasik					
Unit 1	2.40	13.84	106	94	95
Unit 2	1.94	2.56	100	40	0
Unit 3	5.08	29.90	215	201	205
Unit 4	4.98	29.02	212	201	200
Unit 5	4.54	26.71	198	178	180
	18.95	102.04			680
Uran					
All Units	15.99	78.64	692	611	650
	15.99	78.64			650
Koyna					
Stage 1-2	1.94	10.54	225	40	600
Stage 4	3.31	12.42	416	0	250
Koyna 12&4 Total	5.25	22.96			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.92	5.15	316	0	320
	6.17	28.11			1170
Hydro					
KDPH	0.30	0.30	19	0	0
VTRNA	0.40	2.89	61	0	60
TILLARI	0.40	2.15	61	0	60
BHTGR/VEER	1.06	6.71	44	44	40
BHIRA T.R.	0.17	1.01	48	0	40
RNGR+BHTSA	0.43	2.35	18	18	18
BHANDARDRA	0.09	0.09	15	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.24	0	0	11
GHATGHAR	0.33	2.20	125	0	0
	3.17	17.94			229
PENCH (MS)					
Pench (MS)	0.16	0.25	49	0	
	0.16	0.25			
Wind					
MalharPeth	0.09	0.49			
Vankuswadi	0.17	1.11			
ATIT	0.02	0.10			
Kale	0.04	0.16			
Satara	0.06	0.39			
Shirala	0.03	0.18			
K Mahankal	0.01	0.07			
Supa	0.05	0.19			
Vita	0.23	1.25			
Dondaicha	0.57	4.67			
Sakri	0.16	0.89			
Nandurbar	0.06	0.62			
Khadakale	0.02	0.12			
Khaparale	0.08	0.29			
	1.60	10.53			
Dabhol					
RGPP L II	15.09	85.30	633	626	300
RGPP L III		0.00	0	0	
	15.09	85.30			300
Tata					
Trombay 4	0.19	1.62	51	0	0
Trombay 5	11.91	72.50	505	440	500
Trombay 6	9.48	62.92	510	170	500
Trombay 7A	2.92	13.97	129	95	100
Trombay 7B	1.64	8.86	70	61	60
TATA Hydro	3.12	20.62	303	2	447
	29.26	180.49			1607
REL					
1&2	12.52	56.32	530	468	500
	12.52	56.32			500
Cent Sect					
Share					3396
					3396

MS	Thermal+Gas	133.87	785.51		5345
PG	Hydro	9.34	46.05		1399
CL	Total	143.21	831.57		6744
State Total		201.84	1164.46		12547

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/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	4773	107	680	5560	628	73	2509	2665	196	236	9162	63	9225	1230	10455	49.71
2	4751	107	682	5540	628	82	2509	2580	196	236	9066	63	9129	1191	10320	49.91
3	4581	107	683	5371	627	73	2509	2782	196	237	9090	63	9153	1178	10331	49.81
4	4540	107	685	5332	627	77	2509	2949	196	235	9220	63	9283	1185	10468	49.74
5	4559	127	690	5376	627	76	2508	2990	196	236	9305	1728	11033	1134	12167	49.76
6	4673	212	685	5570	627	78	2572	2825	209	246	9346	2740	12086	1194	13280	49.47
7	4885	185	687	5757	628	79	2531	2636	209	246	9346	3793	13139	1373	14512	49.37
8	4939	311	692	5942	628	41	3069	3016	111	146	9773	4088	13861	1532	15393	49.19
9	4917	261	680	5858	628	25	3064	3149	111	146	9806	4243	14049	1706	15755	49.22
10	4998	676	680	6354	633	20	3236	3182	-49	-20	10169	4198	14367	1962	16329	49.28
11	4957	590	680	6227	631	25	3365	3289	-178	-148	10024	4154	14178	2167	16345	49.12
12	4829	473	670	5972	632	37	3358	3553	-178	-150	10044	4220	14264	2187	16451	49.32
13	4705	532	660	5897	630	52	3354	3636	-174	-144	10071	4110	14181	2122	16303	49.36
14	4730	538	650	5918	628	57	3326	3515	-138	-117	10001	4079	14080	2037	16117	49.30
15	4762	550	655	5967	628	73	3347	3386	-159	-139	9915	4107	14022	2036	16058	49.27
16	4837	461	654	5952	626	71	3279	3302	-163	-144	9807	4086	13893	1980	15873	49.21
17	4928	666	655	6249	627	85	3279	3216	-163	-141	10036	3893	13929	2008	15937	49.10
18	5124	443	655	6222	628	90	3284	3209	-149	-100	10049	3952	14001	2017	16018	49.19
19	5293	901	656	6850	629	81	3390	3313	-155	-110	10812	3830	14642	2130	16772	49.31
20	5315	863	656	6834	631	88	2968	3080	-137	-117	10554	4192	14746	2122	16868	49.20
21	5335	488	661	6484	627	59	2999	2981	-137	-118	10057	3879	13936	2007	15943	49.40
22	5206	304	654	6164	632	67	2982	2779	-129	-112	9554	3664	13218	1860	15078	49.18
23	5150	180	633	5963	632	41	2917	2583	-133	-114	9129	3442	12571	1657	14228	49.41
24	5090	151	611	5852	632	36	2881	2450	-71	-49	8921	1390	10311	1526	11837	49.47
MUs	117.88	9.34	15.99	143.21	15.09	1.49	71.74	73.07	-0.50	0.24	233.26	74.04	307.30	41.54	348.84	49.39

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 06/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	
Khaparkheda Unit 4	210	09/12/2008	23:51		Continued.	Annual Overhaul	
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
Cent_Sect TARAPUR-3	540	04/01/2009	01.47		Continued.	C.W.Pump Tripped	
Bhusawal Unit 2	210	04/01/2009	09.58	07/01/2009	02.40	Drum Leakages	
Koradi Unit 3	105	04/01/2009	21.49	07/01/2009	04.16	Water wall Tube leakage	
Koradi Unit 5	200	06/01/2009	02.33	06/01/2009	07.02	Flame Failure	
Tata Trombay 4	150	06/01/2009	04.00	06/01/2009	18.11	Control valve problem	07/01/2009
Koradi Unit 5	200	06/01/2009	07.20	06/01/2009	10.35	Turbine Problem	
Parli Unit 6	250	06/01/2009	11.38	06/01/2009	15.40	Flame Failure	
Koradi Unit 2	105	06/01/2009	13.51	06/01/2009	18.04	MTR operated	
Paras Unit 3	250	07/01/2009	00.30	07/01/2009	06.16	Loss of Fuel	07/01/2009
Bhusawal Unit 2	210	07/01/2009	03.45		Continued.	Furnance pressure high	07/01/2009
Dabhol 2B	230	07/01/2009	06.12		Continued.	Gas allocation	
Dabhol 2X	290	07/01/2009	06.18		Continued.	Gas allocation	

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 07/Jan/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	75
Unit 2	105	75
Unit 3	105	50
Unit 4	105	60
Unit 5	200	180
Unit 6	210	160
Unit 7	210	180
	1040	780
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	180
Unit 5	210	0
Unit 6	250	210
	940	600
Chandrapur		
Unit 1	210	170
Unit 2	210	160
Unit 3	210	210
Unit 4	210	205
Unit 5	500	450
Unit 6	500	440
Unit 7	500	425
	2340	2060
Paras		
Unit 2	55	60
Unit 3	250	160
	305	220
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	170
Unit 4	210	0
	840	510
Nasik		
Unit 1	120	100
Unit 2	120	80
Unit 3	210	200
Unit 4	210	200
Unit 5	210	190
	870	770
Uran		
All Units	852	600
	852	600
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	18
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	44
BHIRA T.R.	80	80
RNGR+BHTSA	20	18
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	12
GHATGHAR	250	0
	611	292
PENCH (MS)		
Pench (MS)	53	0
	53	0
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		
RGPPPL II	740	0
RGPPPL III	740	0
	1480	0
Tata		
Trombay 4	150	100
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	90
Trombay 7B	60	60
TATA Hydro	444	447
	1774	1697
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3467
	3143	3467