



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

State Load Dispatch Center, Airoli

Daily system Report

for

07/Jan/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 07/Jan/2009 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	122.120	828.995	1) Madhya Pradesh	60.339	452.532
2) Hydro	17.786	63.839	2) Gujrat	13.533	93.611
3) Gas	7.518	86.156	3) Goa	-5.206	-36.541
Total MSGENCO	147.424	978.990	4) TAPS 1&2 (Inj.)	3.642	25.570
B) OTHERS			5) Pench (Excess)	0.129	0.004
1) RGPPL Gas	10.841	96.138	# Total Cent. Sector	72.437	535.176
2) Wind Generation	1.181	11.711	F) Other Exchanges		
3) PENCH (MS)	0.152	0.403	1) With TPCL	0.045	-1.180
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	24.835	184.701	1) MSEDCL Bilateral	0.000	0.000
2) TPCL Hydro	3.490	24.115	Include PX	0.000	0.000
TOTAL TPCL	28.325	208.816	2) MUMBAI Bilateral	0.000	0.000
3) REL Thermal	12.677	69.002	Include PX	0.000	0.000
D) STATE			3) MUMBAI Schedule	0.000	0.000
1) Thermal (A1+C1+C3)	159.632	1082.698	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	21.428	88.357	1) MSEDCL	232.080	1621.641
3) Gas (A3+B1)	18.359	182.294	2) TPCL	37.013	198.070
4) Wind (B2)	1.181	11.711	3) REL	3.945	80.930
TOTAL STATE	200.600	1365.060	TOTAL STATE	273.038	1900.641

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	5242	5225	4832
MSGENCO Hydro	861	1502	147
MSGENCO Gas	432	24	609
MSGENCO Total Generation	6535	6751	5588
Central Sector Receipt	3340	3445	2389
RGPPL	321	566	630
WIND	64	63	28
Exchange with TPCL	-176	-152	229
MSEDCL DEMAND MET	10084	10724	8864
Load Shedding	4262	3676	67
MSEDCL DEMAND (INCL. LS)	14346	14400	8931
TPCL GENERATION	1397	1480	874
REL GENERATION	528	527	529
TPCL+REL DEMAND	2101	2159	1174
STATE DEMAND MET	12185	12883	10038
STATE DEMAND (INCL. LS)	16447	16559	10105
Frequency (Hz)	49.13	49.16	49.78
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5291 MW at 15.00 hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			86.23 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.02 Hz at 23.53 Hrs	48.79 Hz at 12.16 Hrs	49.31	14.14 % 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 07/Jan/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.28	9.64	77	17	75
Unit 2	1.44	12.22	76	46	75
Unit 3	0.86	8.16	70	0	50
Unit 4	1.18	5.40	73	24	60
Unit 5	4.18	19.60	184	165	180
Unit 6	3.89	25.40	178	149	160
Unit 7	4.22	29.34	194	148	180
	17.05	109.76			780
Bhusawal					
Unit 1	1.20	8.57	58	41	50
Unit 2	1.75	16.00	182	0	0
Unit 3	4.61	30.12	208	178	180
	7.56	54.69			230
Parli					
Unit 1	0.59	4.10	26	23	20
Unit 2	0.56	4.10	25	20	20
Unit 3	3.61	24.50	168	115	170
Unit 4	3.77	26.71	206	108	180
Unit 5	0.00	0.00	0	0	0
Unit 6	5.27	34.81	251	195	210
	13.80	94.22			600
Chandrapur					
Unit 1	4.12	28.66	177	161	170
Unit 2	3.83	27.11	164	156	160
Unit 3	5.08	35.39	212	207	210
Unit 4	4.77	33.33	209	176	205
Unit 5	9.80	66.58	478	347	450
Unit 6	9.86	67.00	456	350	440
Unit 7	9.43	63.55	440	365	425
	46.90	321.62			2060
Paras					
Unit 2	0.94	7.04	44	31	60
Unit 3	3.20	28.83	218	0	160
	4.14	35.87			220
Khaparkheda					
Unit 1	4.65	29.92	210	165	170
Unit 2	4.59	31.04	210	170	170
Unit 3	4.66	31.08	213	171	170
Unit 4	0.00	0.00	0	0	0
	13.90	92.04			510
Nasik					
Unit 1	2.22	16.07	99	80	100
Unit 2	2.26	4.82	97	90	80
Unit 3	4.98	34.87	216	191	200
Unit 4	4.84	33.86	210	189	200
Unit 5	4.47	31.18	196	174	190
	18.76	120.80			770
Uran					
All Units	7.52	86.16	646	22	600
	7.52	86.16			600
Koyna					
Stage 1-2	2.32	12.86	260	40	600
Stage 4	9.11	21.53	1026	0	250
Koyna 12&4 Total	11.43	34.39			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.42	7.57	270	0	320
	13.85	41.96			1170
Hydro					
KDPH	0.46	0.76	20	19	18
VTRNA	0.52	3.42	61	0	60
TILLARI	0.41	2.56	60	0	60
BHTGR/VEER	0.96	7.67	40	40	44
BHIRA T.R.	0.13	1.14	46	0	80
RNGR+BHTSA	0.43	2.78	18	18	18
BHANDARDRA	0.67	0.76	30	14	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.30	12	0	12
GHATGHAR	0.28	2.48	125	0	0
	3.93	21.88			292
PENCH (MS)					
Pench (MS)	0.15	0.40	52	0	0
	0.15	0.40			0
Wind					
MalharPeth	0.07	0.56			
Vankuswadi	0.17	1.28			
ATIT	0.02	0.12			
Kale	0.04	0.19			
Satara	0.06	0.45			
Shirala	0.04	0.22			
K Mahankal	0.02	0.08			
Supa	0.12	0.31			
Vita	0.24	1.49			
Dondaicha	0.14	4.81			
Sakri	0.03	0.92			
Nandurbar	0.02	0.65			
Khadakale	0.19	0.31			
Khaparale	0.02	0.31			
	1.18	11.71			
Dabhol					
RGPP L II	10.84	96.14	631	0	0
RGPP L III		0.00	0	0	0
	10.84	96.14			0
Tata					
Trombay 4	2.15	3.77	128	25	100
Trombay 5	12.12	84.62	505	505	500
Trombay 6	8.30	71.22	510	160	500
Trombay 7A	1.38	15.35	95	0	90
Trombay 7B	0.88	9.74	61	0	60
TATA Hydro	3.49	24.12	383	2	447
	28.32	208.82			1697
REL					
1&2	12.68	69.00	531	510	500
	12.68	69.00			500
Cent Sect					
Share					3467
					3467

MS	Thermal+Gas	129.64	915.15		5770
PG	Hydro	17.79	63.84		1462
CL	Total	147.42	978.99		7232
State Total		200.60	1365.06		12896

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/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	4907	147	610	5664	630	27	2473	2448	196	239	9008	67	9075	1199	10274	49.74
2	4832	147	609	5588	630	28	2473	2389	196	229	8864	67	8931	1174	10105	49.78
3	4835	152	626	5613	631	28	2473	2461	196	241	8974	67	9041	1174	10215	49.79
4	4886	152	633	5671	626	33	2473	2537	196	242	9109	501	9610	1173	10783	49.69
5	4946	157	645	5748	627	33	2473	2568	196	241	9217	1378	10595	1164	11759	49.51
6	4958	187	646	5791	628	36	2576	2627	209	253	9335	2540	11875	1191	13066	49.32
7	5139	237	516	5892	360	45	2531	2668	209	254	9219	3754	12973	1386	14359	49.36
8	5258	258	489	6005	321	50	3065	3030	111	156	9562	4163	13725	1571	15296	49.12
9	5220	547	490	6257	322	49	3066	3169	110	154	9951	4327	14278	1657	15935	49.11
10	5281	929	476	6686	324	50	3276	3195	-65	-27	10228	4281	14509	1928	16437	49.14
11	5242	861	432	6535	321	64	3413	3340	-214	-176	10084	4262	14346	2101	16447	49.13
12	5096	953	428	6477	0	58	3356	3343	-204	-167	9711	4184	13895	2066	15961	49.43
13	5082	1061	372	6515	196	57	3364	3360	-204	-176	9952	4004	13956	2032	15988	49.10
14	5028	1237	236	6501	316	58	3329	3411	-170	-139	10147	3949	14096	1949	16045	49.13
15	5020	1383	100	6503	315	46	3373	3429	-197	-168	10177	4017	14194	1975	16169	49.15
16	5044	1249	24	6317	315	37	3411	3525	-212	-183	10011	4097	14108	2023	16131	49.15
17	5112	1514	24	6650	330	45	3394	3386	-197	-168	10243	3912	14155	2001	16156	49.02
18	5237	1527	24	6788	348	41	3354	3274	-179	-144	10307	3945	14252	2019	16271	49.13
19	5225	1502	24	6751	566	63	3485	3445	-183	-152	10724	3676	14400	2159	16559	49.16
20	5261	1195	23	6479	586	77	3031	3124	-152	-117	10198	4081	14279	2119	16398	49.18
21	5314	972	23	6309	584	59	3052	3015	-152	-108	9859	3871	13730	1964	15694	49.16
22	5208	846	23	6077	609	67	3051	3003	-144	-99	9657	3586	13243	1795	15038	49.18
23	5014	436	23	5473	628	61	3065	2976	-146	-103	9035	3495	12530	1640	14170	49.36
24	4975	137	22	5134	628	60	2896	2714	-83	-37	8499	2980	11479	1497	12976	49.68
MUs	122.12	17.79	7.52	147.42	10.84	1.17	72.45	72.44	-0.88	0.04	232.07	75.20	307.28	40.96	348.23	49.31

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 07/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
Khaparkheda Unit 4	210	09/12/2008	23:51		Continued.	Annual Overhaul	09/01/2009
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
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	
Paras Unit 3	250	07/01/2009	00.30	07/01/2009	06.16	Loss of Fuel	
Bhusawal Unit 2	210	07/01/2009	03.45	07/01/2009	11.24	Furnance pressure high	
Dabhol 2B	230	07/01/2009	06.12	07/01/2009	16.23	Gas Restriction	
Dabhol 2X	290	07/01/2009	06.18	07/01/2009	17.52	Gas Restriction	
Uran Unit 6	108	07/01/2009	10.21		Continued.	Gas Restriction	
Uran Unit 8	108	07/01/2009	13.28		Continued.	Gas Restriction	
Uran Unit 7	108	07/01/2009	13.54		Continued.	Gas Restriction	
Uran Unit A0	120	07/01/2009	13.54		Continued.	Gas Restriction	
Uran Unit B0	120	07/01/2009	15.00		Continued.	Gas Restriction	
Tata Trombay 7B	60	07/01/2009	15.26		Continued.	Gas Restriction	
Tata Trombay 7A	120	07/01/2009	15.51		Continued.	Gas Restriction	

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 08/Jan/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	70
Unit 3	105	40
Unit 4	105	40
Unit 5	200	150
Unit 6	210	140
Unit 7	210	150
	1040	660
Bhusawal		
Unit 1	58	50
Unit 2	210	180
Unit 3	210	190
	478	420
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	140
Unit 4	210	140
Unit 5	210	0
Unit 6	250	220
	940	540
Chandrapur		
Unit 1	210	165
Unit 2	210	160
Unit 3	210	210
Unit 4	210	205
Unit 5	500	400
Unit 6	500	425
Unit 7	500	300
	2340	1865
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	110
Unit 2	120	110
Unit 3	210	205
Unit 4	210	200
Unit 5	210	190
	870	815
Uran		
All Units	852	20
	852	20
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	46
BHIRA T.R.	80	80
RNGR+BHTSA	20	16
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		
RGPL II	740	300
RGPL III	740	0
	1480	300
Tata		
Trombay 4	150	150
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	0
Trombay 7B	60	0
TATA Hydro	444	447
	1774	1597
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3297
	3143	3297