



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

State Load Dispatch Center, Airoli

Daily system Report

for

14/Jan/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 14/Jan/2009 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	117.413	1679.961	1) Madhya Pradesh	69.388	885.108
2) Hydro	7.418	120.106	2) Gujrat	20.475	209.457
3) Gas	15.408	152.645	3) Goa	-5.870	-74.398
Total MSGENCO	140.239	1952.712	4) TAPS 1&2 (Inj.)	3.620	50.914
B) OTHERS			5) Pench (Excess)	0.000	0.004
1) RGPPL Gas	15.106	200.810	# Total Cent. Sector	87.613	1071.085
2) Wind Generation	5.330	33.586	F) Other Exchanges		
3) PENCH (MS)	0.000	0.403	1) With TPCL	-6.686	-6.868
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	19.358	349.448	1) MSEDCL Bilateral	10.697	156.262
2) TPCL Hydro	5.109	51.675	Include PX	3.530	46.678
TOTAL TPCL	24.467	401.123	2) MUMBAI Bilateral	7.131	17.336
3) REL Thermal	12.711	157.889	Include PX	1.772	5.444
D) STATE			3) MUMBAI Schedule	7.131	17.336
1) Thermal (A1+C1+C3)	149.482	2187.298	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	12.527	172.184	1) MSEDCL	241.602	3252.131
3) Gas (A3+B1)	30.514	353.455	2) TPCL	29.454	380.215
4) Wind (B2)	5.330	33.586	3) REL	14.408	185.665
TOTAL STATE	197.853	2746.523	TOTAL STATE	285.464	3818.011

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	4815	4966	4666
MSGENCO Hydro	366	591	232
MSGENCO Gas	665	677	640
MSGENCO Total Generation	5846	6234	5538
Central Sector Receipt	3938	4149	2624
RGPPL	632	629	630
WIND	247	146	284
Exchange with TPCL	-497	-451	5
MSEDCL DEMAND MET	10166	10707	9081
Load Shedding	3332	2888	0
MSEDCL DEMAND (INCL. LS)	13498	13595	9081
TPCL GENERATION	1216	1174	773
REL GENERATION	529	528	531
TPCL+REL DEMAND	2242	2153	1299
STATE DEMAND MET	12408	12860	10380
STATE DEMAND (INCL. LS)	15740	15748	10380
Frequency (Hz)	49.56	49.86	50.30
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4060 MW At 15.00
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			54.49 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.51 Hz at 18.03 Hrs	49.16 Hz at 05.43 Hrs	49.85	0 % 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 14/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	1.60	23.43	75	48	70
Unit 3	1.50	18.90	77	40	70
Unit 4	1.54	15.11	76	39	80
Unit 5	3.18	40.05	177	0	150
Unit 6	3.73	49.73	172	136	140
Unit 7	3.76	53.60	184	126	150
	15.30	214.22			660
Bhusawal					
Unit 1	1.20	17.50	57	40	50
Unit 2	4.20	46.46	194	158	190
Unit 3	4.51	62.06	192	182	190
	9.91	126.02			430
Parli					
Unit 1	0.61	8.35	30	23	25
Unit 2	0.60	8.23	26	24	25
Unit 3	2.68	50.30	175	0	0
Unit 4	0.00	48.97	0	0	0
Unit 5	0.00	0.00	0	0	0
Unit 6	3.93	70.27	251	0	255
	7.82	186.11			305
Chandrapur					
Unit 1	4.00	57.05	173	155	170
Unit 2	3.90	54.34	166	151	160
Unit 3	5.08	70.94	212	200	210
Unit 4	4.91	66.98	210	179	210
Unit 5	10.79	139.11	487	380	450
Unit 6	10.09	138.69	468	401	450
Unit 7	10.10	126.81	438	400	425
	48.86	653.92			2075
Paras					
Unit 2	1.01	13.92	48	40	40
Unit 3	2.94	55.59	171	0	180
	3.95	69.51			220
Khaparkheda					
Unit 1	4.44	60.82	209	171	170
Unit 2	4.42	61.30	204	168	170
Unit 3	4.44	61.86	212	170	170
Unit 4	0.00	5.08	0	0	0
	13.30	189.06			510
Nasik					
Unit 1	2.24	31.76	106	57	90
Unit 2	2.21	20.01	100	77	90
Unit 3	4.86	67.33	212	175	200
Unit 4	4.64	61.33	210	163	200
Unit 5	4.32	60.70	192	165	190
	18.27	241.12			770
Uran					
All Units	15.41	152.64	684	554	600
	15.41	152.64			600
Koyna					
Stage 1-2	1.02	24.40	85	30	600
Stage 4	0.83	29.45	221	0	250
Koyna 12&4 Total	1.85	53.84			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.42	11.32	130	0	320
	2.27	65.16			1170
Hydro					
KDPH	0.46	4.01	20	19	20
VTRNA	1.14	10.67	60	0	60
TILLARI	0.38	5.15	60	0	60
BHTGR/VEER	1.32	16.01	55	55	58
BHIRA T.R.	0.29	2.40	80	0	40
RNGR+BHTSA	0.34	5.38	14	14	18
BHANDARDRA	0.82	5.65	34	34	34
ELDARY	0.25	0.74	11	10	0
PAITHAN	0.00	0.69	0	0	12
GHATGHAR	0.15	4.24	90	0	0
	5.15	54.94			302
PENCH (MS)					
Pench (MS)	0.00	0.40	0	0	0
	0.00	0.40			0
Wind					
MalharPeth	0.44	2.02			
Vankuswadi	0.95	4.62			
ATIT	0.11	0.46			
Kale	0.44	1.54			
Satara	0.38	1.67			
Shirala	0.38	1.18			
K Mahankal	0.04	0.26			
Supa	0.28	1.12			
Vita	0.92	6.10			
Dondaicha	0.58	8.10			
Sakri	0.08	1.45			
Nandurbar	0.06	1.00			
Khadakale	0.45	3.26			
Khaparale	0.22	0.77			
	5.33	33.59			
Dabhol					
RGPPPL II	15.11	200.81	632	628	300
RGPPPL III		0.00	0	0	
	15.11	200.81			300
Tata					
Trombay 4	3.08	20.01	141	103	130
Trombay 5	12.12	168.91	505	505	500
Trombay 6	0.00	116.83	0	0	0
Trombay 7A	2.61	27.31	127	98	100
Trombay 7B	1.56	16.39	68	61	60
TATA Hydro	5.11	51.68	406	2	447
	24.47	401.12			1237
REL					
1&2	12.71	157.89	531	528	500
	12.71	157.89			500
Cent Sect					
Share					3770
					3770

MS	Thermal+Gas	132.82	1832.61		5570
PG	Hydro	7.42	120.11		1472
CL	Total	140.24	1952.71		7042
State Total		197.85	2746.52		12849

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 14/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	4692	227	640	5559	630	280	2980	2877	-79	-47	9299	0	9299	1381	10680	50.14
2	4666	232	640	5538	630	284	2913	2624	-29	5	9081	0	9081	1299	10380	50.30
3	4795	232	641	5668	629	311	2921	2571	-29	5	9184	0	9184	1295	10479	50.22
4	4797	242	642	5681	629	311	2946	2831	-29	6	9458	0	9458	1294	10752	50.17
5	4829	242	646	5717	629	319	2946	2864	-29	6	9535	1009	10544	1295	11839	49.88
6	4920	277	674	5871	631	277	2971	2949	-29	-3	9725	1332	11057	1304	12361	49.59
7	5067	262	684	6013	629	313	3028	3190	-79	-49	10096	2039	12135	1416	13551	49.72
8	5072	238	681	5991	628	290	3401	3560	-57	-25	10444	2401	12845	1543	14388	49.45
9	5017	247	676	5940	630	217	3401	3895	-57	-27	10655	2908	13563	1718	15281	49.56
10	4847	337	672	5856	632	234	3787	3938	-409	-394	10266	3280	13546	2056	15602	49.67
11	4815	366	665	5846	632	247	3875	3938	-511	-497	10166	3332	13498	2242	15740	49.56
12	4713	329	630	5672	630	230	3904	4187	-559	-560	10159	3467	13626	2301	15927	49.61
13	4707	302	615	5624	628	211	3900	4307	-559	-554	10216	3347	13563	2234	15797	49.65
14	4881	507	618	6006	631	148	3837	4161	-511	-505	10441	3462	13903	2136	16039	49.88
15	4906	435	621	5962	630	123	3781	4317	-511	-507	10525	3417	13942	2167	16109	49.95
16	4927	214	615	5756	628	100	3781	4347	-511	-508	10323	3481	13804	2178	15982	50.01
17	4799	336	640	5775	629	129	3779	4428	-511	-504	10457	3189	13646	2153	15799	49.88
18	4883	295	667	5845	629	139	3743	4241	-497	-493	10361	3156	13517	2125	15642	49.80
19	4966	591	677	6234	629	146	3781	4149	-461	-451	10707	2888	13595	2153	15748	49.86
20	5068	514	668	6250	629	151	3485	3736	-488	-478	10288	2996	13284	2183	15467	49.84
21	5157	306	648	6111	628	126	3355	3606	-345	-324	10147	2632	12779	2073	14852	49.93
22	5075	223	634	5932	628	158	3356	3650	-342	-323	10045	1682	11727	1943	13670	49.89
23	4957	222	560	5739	629	182	3322	3710	-303	-285	9975	0	9975	1779	11754	49.78
24	4857	242	554	5653	629	213	3159	3537	-194	-174	9858	0	9858	1596	11454	49.94
MUs	117.41	7.42	15.41	140.24	15.11	5.14	82.35	87.61	-7.13	-6.69	241.41	50.02	291.43	43.86	335.29	49.85

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 14/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
Koyna Unit 5	80	14/01/2009	08.40		Continued.	Maintenance work	19/01/2009
Koyna Unit 6	75	14/01/2009	08.50		Continued.	Maintenance work	19/01/2009
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	10/01/2009	14.40		Continued.	NO COAL	15/01/2009
Khaparkheda Unit 4	210	11/01/2009	22.37		Continued.	Hydrogen Leakage	17/01/2009
Parli Unit 4	210	13/01/2009	06.53		Continued.	Water wall Tube leakage	16/01/2009
Paras Unit 3	250	13/01/2009	22.49	14/01/2009	02.04	High Drum Level	
Parli Unit 3	210	14/01/2009	05.35	14/01/2009	12:52	Low Air Pressure	
Parli Unit 6	250	14/01/2009	08:47	14/01/2009	13:02	Low Drum Level	
Koradi Unit 5	200	14/01/2009	16:20	14/01/2009	18:53	Due To Jerk	

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 15/Jan/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	75
Unit 4	105	75
Unit 5	200	140
Unit 6	210	140
Unit 7	210	150
	1040	650
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	100
Unit 4	210	0
Unit 5	210	0
Unit 6	250	225
	940	365
Chandrapur		
Unit 1	210	165
Unit 2	210	160
Unit 3	210	210
Unit 4	210	210
Unit 5	500	450
Unit 6	500	450
Unit 7	500	450
	2340	2095
Paras		
Unit 2	55	40
Unit 3	250	100
	305	140
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	200
Unit 4	210	0
	840	600
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	205
Unit 4	210	200
Unit 5	210	190
	870	775
Uran		
All Units	852	550
	852	550
Koyna		
Stage 1-2	600	440
Stage 4	1000	250
Stage 3	320	320
	1920	1010
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	18
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	55
BHIRA T.R.	80	80
RNGR+BHTSA	20	14
BHANDARDRA	45	34
ELDARY	23	17
PAITHAN	12	12
GHATGHAR	250	0
	611	350
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	130
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	100
Trombay 7B	60	60
TATA Hydro	444	447
	1774	1237
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3707
	3143	3707

	17146	12709
--	--------------	--------------