



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

State Load Dispatch Center, Airoli

Daily system Report

for

13/Jan/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 13/Jan/2009 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	119.773	1562.548	1) Madhya Pradesh	65.750	815.720
2) Hydro	7.198	112.688	2) Gujrat	20.107	188.982
3) Gas	14.525	137.237	3) Goa	-5.662	-68.528
Total MSGENCO	141.496	1812.473	4) TAPS 1&2 (Inj.)	3.627	47.294
B) OTHERS			5) Pench (Excess)	0.000	0.004
1) RGPPL Gas	14.840	185.704	# Total Cent. Sector	83.822	983.472
2) Wind Generation	5.071	28.256	F) Other Exchanges		
3) PENCH (MS)	0.000	0.403	1) With TPCL	-6.951	-0.182
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	18.413	330.090	1) MSEDCL Bilateral	11.393	145.565
2) TPCL Hydro	6.273	46.566	Include PX	3.986	43.148
TOTAL TPCL	24.686	376.656	2) MUMBAI Bilateral	7.135	10.205
3) REL Thermal	12.609	145.178	Include PX	1.582	3.672
D) STATE			3) MUMBAI Schedule	7.135	10.205
1) Thermal (A1+C1+C3)	150.795	2037.816	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	13.471	159.657	1) MSEDCL	238.278	3010.529
3) Gas (A3+B1)	29.365	322.941	2) TPCL	29.619	350.761
4) Wind (B2)	5.071	28.256	3) REL	14.626	171.257
TOTAL STATE	198.702	2548.670	TOTAL STATE	282.523	3532.547

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4935	5094	4760
MSGENCO Hydro	408	392	228
MSGENCO Gas	496	659	575
MSGENCO Total Generation	5839	6145	5563
Central Sector Receipt	3929	4160	2826
RGPPL	629	631	574
WIND	281	177	230
Exchange with TPCL	-501	-424	-4
MSEDCL DEMAND MET	10177	10689	9189
Load Shedding	4092	3774	63
MSEDCL DEMAND (INCL. LS)	14269	14463	9252
TPCL GENERATION	1263	1225	758
REL GENERATION	466	529	531
TPCL+REL DEMAND	2230	2178	1293
STATE DEMAND MET	12407	12867	10482
STATE DEMAND (INCL. LS)	16499	16641	10545
Frequency (Hz)	49.41	49.85	50.17
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4678 at 13.00 Hrs.
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			67.16 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.48 Hz at 00.09 Hrs	48.99 Hz at 05.54 Hrs	49.7	.12 % 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 13/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	1.73	21.84	83	53	70
Unit 3	1.73	17.40	86	44	50
Unit 4	1.70	13.57	82	50	70
Unit 5	3.60	36.87	178	129	170
Unit 6	3.66	46.00	170	126	140
Unit 7	3.90	49.83	197	131	140
	16.30	198.91			640
Bhusawal					
Unit 1	1.23	16.30	59	39	50
Unit 2	4.25	42.26	193	143	190
Unit 3	4.60	57.56	198	175	190
	10.08	116.11			430
Parli					
Unit 1	0.62	7.74	27	24	20
Unit 2	0.59	7.62	26	22	20
Unit 3	4.14	47.62	180	159	170
Unit 4	1.08	48.97	166	0	150
Unit 5	0.00	0.00	0	0	0
Unit 6	5.30	66.34	246	158	210
	11.72	178.30			570
Chandrapur					
Unit 1	4.11	53.06	176	156	165
Unit 2	3.86	50.45	166	157	160
Unit 3	4.99	65.86	214	183	210
Unit 4	4.85	62.07	210	165	210
Unit 5	10.81	128.32	480	360	470
Unit 6	10.46	128.60	470	370	450
Unit 7	10.00	116.71	477	356	450
	49.07	605.06			2115
Paras					
Unit 2	0.93	12.91	44	33	40
Unit 3	4.09	52.65	189	0	170
	5.02	65.56			210
Khaparkheda					
Unit 1	4.38	56.38	208	167	170
Unit 2	4.40	56.88	207	171	170
Unit 3	4.35	57.41	202	172	170
Unit 4	0.00	5.08	0	0	0
	13.13	175.75			510
Nasik					
Unit 1	2.15	29.52	100	61	81
Unit 2	2.17	17.80	94	82	81
Unit 3	4.72	62.47	208	170	182
Unit 4	1.25	56.69	186	0	0
Unit 5	4.16	56.38	190	147	172
	14.44	222.85			516
Uran					
All Units	14.52	137.24	660	496	580
	14.52	137.24			580
Koyna					
Stage 1-2	1.25	23.38	110	40	600
Stage 4	0.57	28.62	245	0	250
Koyna 12&4 Total	1.82	51.99			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.16	10.90	76	0	320
	1.98	62.90			1170
Hydro					
KDPH	0.47	3.54	20	19	20
VTRNA	1.37	9.53	61	0	60
TILLARI	0.38	4.77	61	0	60
BHTGR/VEER	1.32	14.69	55	55	56
BHIRA T.R.	0.19	2.11	81	0	44
RNGR+BHTSA	0.33	5.04	14	13	12
BHANDARDRA	0.74	4.83	31	30	34
ELDARY	0.25	0.50	16	0	15
PAITHAN	0.07	0.69	10	0	12
GHATGHAR	0.12	4.08	104	0	0
	5.22	49.79			313
PENCH (MS)					
Pench (MS)	0.00	0.40	0	0	
	0.00	0.40			
Wind					
MalharPeth	0.46	1.59			
Vankuswadi	1.01	3.67			
ATIT	0.13	0.35			
Kale	0.48	1.10			
Satara	0.39	1.30			
Shirala	0.23	0.80			
K Mahankal	0.05	0.23			
Supa	0.14	0.84			
Vita	0.87	5.18			
Dondaicha	0.48	7.52			
Sakri	0.07	1.38			
Nandurbar	0.05	0.94			
Khadakale	0.59	2.81			
Khaparale	0.13	0.56			
	5.07	28.26			
Dabhol					
RGPPPL II	14.84	185.70	631	574	300
RGPPPL III		0.00			0
	14.84	185.70			300
Tata					
Trombay 4	2.38	16.94	139	1	150
Trombay 5	12.12	156.79	505	505	500
Trombay 6	0.00	116.83	5	0	0
Trombay 7A	2.40	24.70	123	84	100
Trombay 7B	1.50	14.83	70	59	60
TATA Hydro	6.27	46.57	473	2	447
	24.69	376.66			1257
REL					
1&2	12.61	145.18	531	466	500
	12.61	145.18			500
Cent Sect					
Share					3315
					3315

MS PG CL	Thermal+Gas	134.30	1699.78		5571
	Hydro	7.20	112.69		1483
	Total	141.50	1812.47		7054
State Total		198.70	2548.67		12426

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/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	5213	162	573	5948	628	161	2915	2506	-83	-62	9181	63	9244	1401	10645	50.10
2	5077	188	574	5839	590	162	2883	2603	-33	-7	9187	63	9250	1340	10590	50.22
3	4760	228	575	5563	574	230	2917	2826	-33	-4	9189	63	9252	1293	10545	50.17
4	4785	224	575	5584	574	249	2942	2915	-33		9322	63	9385	1279	10664	50.20
5	4940	225	577	5742	577	255	2960	3025	-33	2	9601	63	9664	1279	10943	49.94
6	5160	220	590	5970	628	240	2897	2964	-29	3	9805	1861	11666	1278	12944	49.51
7	5247	250	593	6090	630	240	2941	2827	-79	-50	9737	2804	12541	1446	13987	49.44
8	5172	247	595	6014	630	179	3382	3364	-57	-26	10161	3159	13320	1529	14849	49.29
9	5185	268	556	6009	629	190	3381	3522	-57	-28	10322	3877	14199	1703	15902	49.62
10	5120	458	528	6106	631	216	3761	3729	-409	-392	10290	3944	14234	2044	16278	49.40
11	4935	408	496	5839	629	281	3857	3929	-511	-501	10177	4092	14269	2230	16499	49.41
12	4792	500	535	5827	625	275	3854	3828	-511	-622	9933	4221	14154	2306	16460	49.37
13	4799	558	602	5959	598	239	3850	3923	-511	-572	10147	4125	14272	2238	16510	49.36
14	4852	346	634	5832	612	162	3846	4095	-511	-498	10203	4112	14315	2169	16484	49.66
15	4884	259	642	5785	621	148	3845	4024	-511	-499	10079	4091	14170	2186	16356	49.65
16	4834	259	642	5735	623	156	3852	4014	-511	-494	10034	4114	14148	2200	16348	49.52
17	4867	340	649	5856	628	149	3843	4185	-511	-497	10321	4069	14390	2173	16563	49.64
18	5049	262	654	5965	629	135	3823	3991	-524	-508	10212	4142	14354	2167	16521	49.80
19	5094	392	659	6145	631	177	3825	4160	-441	-424	10689	3774	14463	2178	16641	49.85
20	5117	387	659	6163	631	210	3837	3766	-464	-447	10323	3972	14295	2234	16529	49.67
21	5079	303	660	6042	631	232	3353	3682	-369	-384	10203	3415	13618	2153	15771	49.74
22	4997	248	660	5905	631	279	3343	3598	-366	-375	10038	2955	12993	1978	14971	49.47
23	4981	238	654	5873	631	279	3348	3241	-327	-338	9686	2023	11709	1820	13529	49.80
24	4776	228	643	5647	629	255	3213	3133	-218	-228	9436	135	9571	1622	11193	49.97
MUs	119.72	7.20	14.52	141.44	14.84	5.10	82.67	83.85	-7.14	-6.95	238.28	65.20	303.48	44.25	347.72	49.70

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 13/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	15/01/2009
Khaparkheda Unit 4	210	11/01/2009	22.37		Continued.	Hydrogen Leakage	17/01/2009
Nasik Unit 4	210	13/01/2009	05.01	13/01/2009	21.25	Gen.Protection	
Parli Unit 4	210	13/01/2009	06.53		Continued.	Water wall Tube leakage	16/01/2009
Tata Trombay 4	150	13/01/2009	11.08	13/01/2009	12.52	Tripped	
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		Continued.	Low Air Pressure	14/01/2009

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 14/Jan/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	70
Unit 4	105	80
Unit 5	200	150
Unit 6	210	140
Unit 7	210	150
	1040	660
Bhusawal		
Unit 1	58	50
Unit 2	210	190
Unit 3	210	190
	478	430
Parli		
Unit 1	30	25
Unit 2	30	25
Unit 3	210	0
Unit 4	210	0
Unit 5	210	0
Unit 6	250	255
	940	305
Chandrapur		
Unit 1	210	170
Unit 2	210	160
Unit 3	210	210
Unit 4	210	210
Unit 5	500	450
Unit 6	500	450
Unit 7	500	425
	2340	2075
Paras		
Unit 2	55	40
Unit 3	250	180
	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	90
Unit 2	120	90
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	20
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	58
BHIRA T.R.	80	40
RNGR+BHTSA	20	18
BHANDARDRA	45	34
ELDARY	23	0
PAITHAN	12	12
GHATGHAR	250	0
	611	302
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	
	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	3770
	3143	3770