



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

State Load Dispatch Center, Airoli

Daily system Report

for

13/Feb/2009

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	123.029	1628.141	1) Madhya Pradesh	59.937	854.959
2) Hydro	13.523	165.418	2) Gujrat	16.233	230.940
3) Gas	15.004	195.913	3) Goa	-4.996	-72.468
Total MSGENCO	151.556	1989.472	4) TAPS 1&2 (Inj.)	7.368	96.071
B) OTHERS			5) Pench (Excess)	0.000	0.023
1) RGPPL Gas	7.318	91.942	# Total Cent. Sector	78.542	1109.525
2) Wind Generation	3.864	37.088	F) Other Exchanges		
3) PENCH (MS)	0.000	0.000	1) With TPCL	-5.814	-78.884
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	18.333	235.761	1) MSEDCL Bilateral	10.020	135.449
2) TPCL Hydro	5.494	59.420	Include PX	2.369	41.540
TOTAL TPCL	23.827	295.181	2) MUMBAI Bilateral	6.421	91.348
3) REL Thermal	12.724	165.108	Include PX	0.921	18.446
D) STATE			3) MUMBAI Schedule	6.421	91.798
1) Thermal (A1+C1+C3)	154.086	2029.010	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	19.017	224.838	1) MSEDCL	235.466	3149.143
3) Gas (A3+B1)	22.322	287.855	2) TPCL	28.030	357.633
4) Wind (B2)	3.864	37.088	3) REL	14.335	181.503
TOTAL STATE	199.289	2578.791	TOTAL STATE	277.831	3688.279

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	5346	5187	4916
MSGENCO Hydro	865	1086	212
MSGENCO Gas	679	629	607
MSGENCO Total Generation	6890	6902	5735
Central Sector Receipt	3333	3511	2765
RGPPL	307	307	305
WIND	37	381	94
Exchange with TPCL	-411	-409	43
MSEDCL DEMAND MET	10156	10692	8942
Load Shedding	4931	4045	305
MSEDCL DEMAND (INCL. LS)	15087	14737	9247
TPCL GENERATION	1129	1232	744
REL GENERATION	529	530	531
TPCL+REL DEMAND	2069	2171	1232
STATE DEMAND MET	12225	12863	10174
STATE DEMAND (INCL. LS)	17156	16908	10479
Frequency (Hz)	49.19	49.48	49.60
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5377 MW At 10.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			88.68 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.19 Hz at 03.08 Hrs	48.81 Hz at 09.14 Hrs	49.4	4.4 % 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/Feb/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.82	21.28	81	70	75
Unit 2	1.69	22.21	78	62	75
Unit 3	0.00	0.00	0	0	0
Unit 4	1.72	20.62	82	42	75
Unit 5	4.39	51.15	194	163	190
Unit 6	0.00	25.94	0	0	0
Unit 7	4.66	53.99	207	173	200
	14.30	195.19			615
Bhusawal					
Unit 1	0.62	7.76	31	20	25
Unit 2	0.00	49.35	0	0	0
Unit 3	4.73	51.22	206	190	190
	5.35	108.34			215
Parli					
Unit 1	0.52	6.92	24	20	20
Unit 2	0.59	7.54	27	21	20
Unit 3	4.16	47.94	184	155	170
Unit 4	4.29	51.03	200	143	160
Unit 5	3.62	54.05	170	119	160
Unit 6	5.20	64.09	250	187	230
	18.36	231.58			760
Chandrapur					
Unit 1	3.91	42.28	173	154	170
Unit 2	4.34	54.82	182	179	175
Unit 3	0.00	54.15	0	0	0
Unit 4	4.30	59.39	194	155	160
Unit 5	9.79	118.59	444	346	400
Unit 6	9.91	123.52	450	360	450
Unit 7	9.68	100.49	447	350	450
	41.92	553.24			1805
Paras					
Unit 2	1.16	10.92	50	46	45
Unit 3	5.21	67.66	232	209	220
	6.38	78.58			265
Khaparkheda					
Unit 1	4.73	62.12	208	173	200
Unit 2	4.73	60.60	201	188	200
Unit 3	4.59	61.12	200	178	200
Unit 4	4.78	61.16	210	188	200
	18.83	245.00			800
Nasik					
Unit 1	2.28	22.75	100	90	95
Unit 2	1.52	22.25	97	0	95
Unit 3	4.60	62.04	205	164	205
Unit 4	4.77	62.33	209	184	205
Unit 5	4.74	46.85	206	184	200
	17.90	216.21			800
Uran					
All Units	15.00	195.91	689	540	600
	15.00	195.91			600
Koyna					
Stage 1-2	2.74	31.72	325	35	600
Stage 4	4.71	59.05	482	0	250
Kovna 12&4 Total	7.45	90.77			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.42	19.21	238	0	240
	8.88	109.98			1090
Hydro					
KDPH	0.92	6.00	39	38	36
VTRNA	1.45	15.20	61	60	60
TILLARI	0.38	5.21	60	0	60
BHTGR/VEER	1.20	15.88	50	50	50
BHIRA T.R.	0.29	3.25	80	0	80
RNGR+BHTSA	0.35	4.56	15	14	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.64	12	0	12
GHATGHAR	0.00	4.70	0	0	0
	4.65	55.44			313
PENCH (MS)					
Pench (MS)	0.00	0.00	0	0	
	0.00	0.00			
Wind					
MalharPeth	0.20	1.75			
Vankuswadi	0.53	4.06			
ATIT	0.08	0.47			
Kale	0.14	1.79			
Satara	0.22	1.63			
Shirala	0.16	1.26			
K Mahankal	0.02	0.18			
Supa	0.04	0.90			
Vita	0.65	6.54			
Dondaicha	1.30	11.70			
Sakri	0.21	2.20			
Nandurbar	0.17	1.63			
Khadakale	0.08	2.26			
Khaparale	0.08	0.71			
	3.86	37.09			
Dabhol					
RGPP L II	7.32	91.94	307	303	300
RGPP L III	0.00	0.00	0	0	
	7.32	91.94			300
Tata					
Trombay 4	2.94	34.08	136	102	150
Trombay 5	12.12	156.01	505	505	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	2.39	31.71	102	98	120
Trombay 7B	0.88	13.96	42	30	60
TATA Hydro	5.49	59.42	473	2	447
	23.83	295.18			1277
REL					
1&2	12.72	165.11	531	529	500
	12.72	165.11			500
Cent Sect					
Share					3171
					3171

MS PG CL	Thermal	123.03	1628.14		5260
	Thml+Gas	138.03	1824.05		5860
	Hydro	13.52	165.42		1403
	Total	151.56	1989.47		7263
State Total		199.29	2578.79		12511

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/Feb/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	4977	207	626	5810	305	86	2663	2727	-57	-35	8893	663	9556	1308	10864	49.57
2	4916	212	607	5735	305	94	2592	2765	18	43	8942	305	9247	1232	10479	49.60
3	4979	207	612	5798	305	91	2520	3046	93	115	9355	0	9355	1160	10515	49.74
4	4969	207	607	5783	304	80	2520	3306	93	117	9590	496	10086	1155	11241	49.83
5	5047	295	609	5951	304	66	2518	3232	95	111	9664	2319	11983	1159	13142	49.56
6	5176	653	678	6507	305	64	2596	3027	47	61	9964	2811	12775	1209	13984	49.21
7	5194	802	684	6680	305	48	2667	2804	-41	-24	9813	4243	14056	1407	15463	49.33
8	5261	634	682	6577	305	40	3044	2991	-69	-49	9864	4508	14372	1477	15849	49.13
9	5310	594	689	6593	305	35	3085	3036	-140	-124	9845	4862	14707	1735	16442	49.16
10	5346	865	679	6890	307	37	3371	3333	-431	-411	10156	4931	15087	2069	17156	49.19
11	5272	712	664	6648	305	40	3365	3463	-431	-412	10044	4516	14560	2172	16732	49.19
12	5212	736	646	6594	304	45	3351	3276	-431	-413	9806	4336	14142	2187	16329	49.17
13	5154	932	643	6729	304	59	3329	3389	-431	-415	10066	4180	14246	2179	16425	49.19
14	5158	734	637	6529	305	86	3348	3310	-431	-415	9815	4197	14012	2098	16110	49.35
15	5179	517	601	6297	304	153	3341	3319	-431	-414	9659	4097	13756	2106	15862	49.37
16	5178	482	594	6254	303	230	3322	3372	-431	-415	9744	4121	13865	2140	16005	49.29
17	5032	753	601	6386	304	213	3331	3433	-431	-414	9922	4027	13949	2113	16062	49.28
18	5129	707	618	6454	306	259	3490	3623	-529	-501	10141	3801	13942	2094	16036	49.54
19	5188	980	620	6788	306	323	3427	3493	-437	-400	10510	3810	14320	2023	16343	49.43
20	5187	1086	629	6902	307	381	3187	3511	-435	-409	10692	4045	14737	2171	16908	49.48
21	5214	564	612	6390	305	466	3409	3731	-431	-380	10512	3687	14199	2009	16208	49.59
22	5135	198	583	5916	305	395	3248	3665	-431	-383	9898	3702	13600	1881	15481	49.42
23	4931	243	543	5717	305	302	3237	3395	-436	-389	9330	3244	12574	1713	14287	49.48
24	4885	203	540	5628	305	271	3019	3295	-308	-258	9241	2604	11845	1568	13413	49.54
MUs	123.03	13.52	15.00	151.56	7.32	3.86	73.98	78.54	-6.42	-5.81	235.47	79.50	314.97	42.36	357.34	49.40

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/Feb/2009

Position as on 6.30 Hrs of 14/Feb/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
Tata Trombay 6	500	13/01/2009	00.11		Continued.	Capital overhaul	17/02/2009
Koradi Unit 3	105	18/01/2009	04.39		Continued.	Annual Overhaul	17/02/2009
Koyna ST-IV 1	250	20/01/2009	22:00		Continued.	Annual Overhaul	20/02/2009
Cent_Sect KARPR2	220	03/02/2009	00.24		Continued.	Bi-Annual overhaul work	10/03/2009
Koradi Unit 6	210	08/02/2009	02.11		Continued.	ANNUAL MAINT. WORK	15/03/2009
Koyna Unit 9	80	12/02/2009	00.00		Continued.	Annual Overhaul	24/02/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	01/07/2009
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	01/06/2009
Dabhol 3B	230	19/11/2008	19.55		Continued.	W/dn	31/03/2009
Dabhol 3X	290	19/11/2008	19.58		Continued.	W/dn	31/03/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	10/03/2009
Dabhol 1X	290	06/02/2009	11:00		Continued.	Turbine Problem	18/02/2009
Dabhol 1A	230	06/02/2009	11:50		Continued.	Turbine Problem	18/02/2009
Chandrapur Unit 3	210	12/02/2009	00.41		Continued.	Steam Leakage.	15/02/2009
Cent_Sect NTPC(V-10)	500	12/02/2009	13.04	14/02/2009	03:35	Boiler Tube Leakage	15/02/2009
Cent_Sect NTPC(K-5)	500	12/02/2009	21.13		Continued.	Boiler Tube Leakage	15/02/2009
Bhusawal Unit 2	210	12/02/2009	22.10		Continued.	Boiler Tube Leakage	15/02/2009
Nasik Unit 2	125	13/02/2009	16:38		Continued.	Boiler Tube Leakage	16/02/2009
Koyna ST-IV 2	250	13/02/2009	16:50	14/02/2009	00:50	Spherical Valve Problem.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Feb/2009

Position as on 6.30 Hrs of 14/Feb/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Chandrapur-Bhadravti - I	13/02/2009	12:49	13/02/2009	19:01	SF6 leakage on TBC.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar II	10/02/2009	00.00		Continued.	H/T FOR O/V
Kolhapur-Mapusa Ckt I	12/02/2009	22.37	13/02/2009	11:09	H/T FOR O/V
DHULE-SAR'SAROVAR-I	13/02/2009	00.20	13/02/2009	06:46	H/T FOR O/V
Kolhapur-Mapusa Ckt I	13/02/2009	22:36		Continued.	H/T FOR O/V
DHULE-SAR'SAROVAR-I	14/02/2009	00:36		Continued.	H/T FOR O/V
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Spare ICT @ Karad	02/02/2009	10.43		Continued.	O/H Work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
ICT - III at Harangul	20/12/2008	14.53		Continued.	New ICT commissioning work
L.V.Breaker 400/220 KV ICT-II at Klw.	10/02/2009	13.28		Continued.	ICT-II on TBC.Br.Repl.
APTA-URAN CKT. II	12/02/2009	09.30	13/02/2009	20:18	C.T.Replacement.
Momewadi-Halkarni	13/02/2009	08:00	13/02/2009	17:20	Insulator Replacement
Padgha-Kamba	13/02/2009	09:10	13/02/2009	10:20	Repl.of L.A.(R&Bph)
Kalwa-Bus PT	13/02/2009	10:05	13/02/2009	20:10	Commisstioning of new Road side Bus PT.
Karad-M'peth	13/02/2009	10:35	13/02/2009	12:48	For Commisstioning of new R ph Coupling Capacitor.
Aurangabad-Padegaon CKT-II	13/02/2009	12:15	13/02/2009	16:23	Q.M. WORK
Parli - Ext. Bus Coupler.	13/02/2009	15:04	13/02/2009	16:33	To attend R ph C.T. Red hot
Voltage Level : 220KV			Outage Type HAND TRIPPED		
AMBAZARI-WARDHA	13/02/2009	11:28	13/02/2009	16:14	Earth Wire broken
Koradi-Ambazari ckt - II	13/02/2009	11:36	13/02/2009	16:08	Earth Wire broken
Khaparkheda-Ambazari ckt - I	13/02/2009	11:36	13/02/2009	16:10	Earth Wire broken
Voltage Level : 220KV			Outage Type TRIPPED		
Jejuri-Phursungi	13/02/2009	22:25	13/02/2009	23:08	Tripped ,Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 14/Feb/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	75
Unit 2	105	75
Unit 3	105	0
Unit 4	105	70
Unit 5	200	180
Unit 6	210	0
Unit 7	210	180
	1040	580
Bhusawal		
Unit 1	58	25
Unit 2	210	0
Unit 3	210	190
	478	215
Parli		
Unit 1	30	22
Unit 2	30	23
Unit 3	210	170
Unit 4	210	175
Unit 5	210	170
Unit 6	250	220
	940	780
Chandrapur		
Unit 1	210	170
Unit 2	210	175
Unit 3	210	0
Unit 4	210	195
Unit 5	500	400
Unit 6	500	400
Unit 7	500	450
	2340	1790
Paras		
Unit 2	55	55
Unit 3	250	220
	305	275
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	200
Unit 4	210	200
	840	800
Nasik		
Unit 1	120	95
Unit 2	120	0
Unit 3	210	205
Unit 4	210	200
Unit 5	210	200
	870	700
Uran		
All Units	852	520
	852	520
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	36
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	50
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	301
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		
RGPPL II	740	300
RGPPL III	740	
	1480	300
Tata		
Trombay 4	150	150
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	120
Trombay 7B	60	60
TATA Hydro	444	447
	1774	1277
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3152
	3143	3152

	17146	12280
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