



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

State Load Dispatch Center, Airoli

Daily system Report

for

12/Feb/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 12/Feb/2009 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	125.818	1505.112	1) Madhya Pradesh	65.788	795.022
2) Hydro	13.749	151.895	2) Gujrat	15.878	214.707
3) Gas	14.965	180.909	3) Goa	-5.609	-67.472
Total MSGENCO	154.532	1837.916	4) TAPS 1&2 (Inj.)	7.378	88.703
B) OTHERS			5) Pench (Excess)	0.000	0.023
1) RGPPL Gas	7.327	84.624	# Total Cent. Sector	83.435	1030.983
2) Wind Generation	2.471	33.224	F) Other Exchanges		
3) PENCH (MS)	0.000	0.000	1) With TPCL	-6.428	-73.070
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	17.478	217.428	1) MSEDCL Bilateral	10.424	125.430
2) TPCL Hydro	5.202	53.926	Include PX	2.821	39.171
TOTAL TPCL	22.680	271.354	2) MUMBAI Bilateral	7.922	84.927
3) REL Thermal	12.732	152.384	Include PX	1.299	17.525
D) STATE			3) MUMBAI Schedule	7.922	85.377
1) Thermal (A1+C1+C3)	156.028	1874.924	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	18.951	205.821	1) MSEDCL	241.337	2913.677
3) Gas (A3+B1)	22.292	265.533	2) TPCL	27.744	329.603
4) Wind (B2)	2.471	33.224	3) REL	14.091	167.168
TOTAL STATE	199.742	2379.502	TOTAL STATE	283.172	3410.448

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	5199	5503	5126
MSGENCO Hydro	394	1139	213
MSGENCO Gas	665	666	659
MSGENCO Total Generation	6258	7308	5998
Central Sector Receipt	3654	3574	3103
RGPPL	306	308	304
WIND	121	98	89
Exchange with TPCL	-432	-423	10
MSEDCL DEMAND MET	9907	10865	9504
Load Shedding	4598	4069	0
MSEDCL DEMAND (INCL. LS)	14505	14934	9504
TPCL GENERATION	1075	1199	736
REL GENERATION	530	529	531
TPCL+REL DEMAND	2037	2151	1257
STATE DEMAND MET	11944	13016	10761
STATE DEMAND (INCL. LS)	16542	17085	10761
Frequency (Hz)	49.33	49.52	49.88
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			82.86 MUs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5059 MW At 14.00 HRS

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.2 Hz at 03.05 Hrs	49.03 Hz at 22.09 Hrs	49.58	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 12/Feb/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.76	19.46	82	63	75
Unit 2	1.81	20.51	81	70	75
Unit 3	0.00	0.00	0	0	0
Unit 4	1.73	18.90	81	44	75
Unit 5	4.44	46.76	198	172	175
Unit 6	0.00	25.94	0	0	0
Unit 7	4.71	49.32	215	175	200
	14.45	180.90			600
Bhusawal					
Unit 1	0.64	7.15	32	18	25
Unit 2	4.00	49.35	185	0	180
Unit 3	4.62	46.50	205	165	190
	9.27	102.99			395
Parli					
Unit 1	0.53	6.40	26	20	20
Unit 2	0.58	6.95	30	22	20
Unit 3	3.78	43.79	181	123	160
Unit 4	3.10	46.74	148	104	150
Unit 5	3.29	50.44	186	102	130
Unit 6	5.38	58.89	247	188	210
	16.67	213.22			690
Chandrapur					
Unit 1	4.03	38.37	180	118	170
Unit 2	4.31	50.49	182	174	175
Unit 3	0.11	54.15	110	0	0
Unit 4	4.56	55.09	198	170	195
Unit 5	9.23	108.80	459	312	400
Unit 6	9.98	113.61	465	350	450
Unit 7	9.97	90.81	445	381	450
	42.18	511.32			1840
Paras					
Unit 2	1.13	9.76	50	44	45
Unit 3	5.32	62.44	250	192	220
	6.44	72.20			265
Khaparkheda					
Unit 1	4.80	57.38	205	192	200
Unit 2	4.79	55.88	206	194	200
Unit 3	4.82	56.52	212	182	200
Unit 4	4.54	56.38	206	166	200
	18.95	226.16			800
Nasik					
Unit 1	2.28	20.47	100	90	95
Unit 2	2.22	20.74	102	82	95
Unit 3	4.34	57.44	205	161	205
Unit 4	4.64	57.56	208	174	200
Unit 5	4.37	42.12	201	156	200
	17.85	198.32			795
Uran					
All Units	14.96	180.91	682	496	620
	14.96	180.91			620
Koyna					
Stage 1-2	2.54	28.98	345	40	600
Stage 4	5.23	54.34	717	0	250
Kovna 12&4 Total	7.77	83.32			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.62	17.78	240	0	240
	9.39	101.10			1090
Hydro					
KDPH	0.91	5.08	39	38	36
VTRNA	1.24	13.74	61	0	60
TILLARI	0.37	4.83	62	0	60
BHTGR/VEER	1.20	14.68	50	50	50
BHIRA T.R.	0.23	2.96	82	0	80
RNGR+BHTSA	0.34	4.22	14	14	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.58	12	0	12
GHATGHAR	0.00	4.70	0	0	0
	4.36	50.79			313
PENCH (MS)					
Pench (MS)	0.00	0.00	0	0	
	0.00	0.00			
Wind					
MalharPeth	0.12	1.55			
Vankuswadi	0.30	3.53			
ATIT	0.04	0.39			
Kale	0.11	1.65			
Satara	0.12	1.42			
Shirala	0.12	1.11			
K Mahankal	0.02	0.16			
Supa	0.09	0.86			
Vita	0.53	5.89			
Dondaicha	0.34	10.40			
Sakri	0.08	1.99			
Nandurbar	0.38	1.45			
Khadakale	0.17	2.18			
Khaparale	0.04	0.64			
	2.47	33.22			
Dabhol					
RGPP L II	7.33	84.62	308	301	300
RGPP L III		0.00	0	0	
	7.33	84.62			300
Tata					
Trombay 4	2.45	31.13	104	99	150
Trombay 5	11.89	143.89	505	430	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	2.40	29.32	102	90	120
Trombay 7B	0.74	13.08	32	29	60
TATA Hydro	5.20	53.93	460	2	447
	22.68	271.35			1277
REL					
1&2	12.73	152.38	531	529	500
	12.73	152.38			500
Cent Sect					
Share					3472
					3472

MS PG CL	Thermal	125.82	1505.11		5385
	Thml+Gas	140.78	1686.02		6005
	Hydro	13.75	151.90		1403
	Total	154.53	1837.92		7408
State Total		199.74	2379.50		12957

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 12/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	5261	208	657	6126	305	84	3038	2947	-104	-41	9421	326	9747	1306	11053	49.67
2	5126	213	659	5998	304	89	2991	3103	-57	10	9504	0	9504	1257	10761	49.88
3	5136	203	659	5998	304	91	2991	3324	-57	11	9728	0	9728	1174	10902	49.92
4	5105	218	660	5983	304	107	2991	3385	-57	12	9791	139	9930	1173	11103	49.88
5	5062	213	660	5935	303	109	2991	3191	-55	13	9551	2029	11580	1245	12825	49.84
6	5162	203	662	6027	304	103	2981	3477	-52	15	9926	2467	12393	1240	13633	49.50
7	5182	298	680	6160	304	157	2972	3372	-52	9	10002	3670	13672	1290	14962	49.39
8	5230	263	682	6175	303	125	3336	3312	-62	2	9917	4144	14061	1432	15493	49.30
9	5275	215	679	6169	304	156	3355	3299	-132	-76	9852	4530	14382	1710	16092	49.46
10	5199	394	665	6258	306	121	3728	3654	-489	-432	9907	4598	14505	2037	16542	49.33
11	5246	629	660	6535	306	102	3718	3617	-489	-434	10126	4204	14330	2089	16419	49.60
12	5193	810	642	6645	301	77	3708	3517	-536	-484	10056	4232	14288	2172	16460	49.53
13	5313	831	502	6646	306	59	3588	3731	-536	-484	10258	4062	14320	2154	16474	49.60
14	5242	907	498	6647	307	61	3581	3949	-512	-461	10503	4012	14515	2005	16520	49.79
15	5164	1174	496	6834	307	77	3604	3558	-536	-485	10291	3888	14179	2080	16259	49.62
16	5191	1037	496	6724	306	87	3590	3584	-536	-485	10216	3945	14161	2078	16239	49.48
17	5238	1089	534	6861	308	109	3589	3608	-536	-486	10400	3842	14242	2075	16317	49.53
18	5365	801	596	6762	307	116	3698	3808	-581	-528	10465	3731	14196	2061	16257	49.60
19	5461	611	626	6698	306	92	3818	3866	-427	-363	10599	3911	14510	2019	16529	49.50
20	5503	1139	666	7308	308	98	3323	3574	-485	-423	10865	4069	14934	2151	17085	49.52
21	5468	1112	669	7249	307	101	3277	3471	-433	-354	10774	3585	14359	2010	16369	49.59
22	5437	545	670	6652	306	111	3159	3359	-433	-354	10074	3600	13674	1852	15526	49.38
23	5173	403	631	6207	306	122	3186	3540	-461	-382	9793	3320	13113	1728	14841	49.42
24	5086	233	616	5935	305	120	2992	3189	-307	-228	9321	2624	11945	1502	13447	49.60
MUs	125.82	13.75	14.96	154.53	7.33	2.47	80.20	83.44	-7.92	-6.43	241.34	74.93	316.27	41.84	358.11	49.58

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 12/Feb/2009

Position as on 6.30 Hrs of 13/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
Uran Unit 5	108	12/02/2009	12.03	12/02/2009	15.56	Air Filtor Replacement.	
Cent_Sect NTPC(V-10)	500	12/02/2009	13.04		Continued.	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

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Feb/2009

Position as on 6.30 Hrs of 13/Feb/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
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 II	11/02/2009	23.58	12/02/2009	16.10	H/T FOR O/V
Kolhapur-Mapusa Ckt I	12/02/2009	22.37		Continued.	H/T FOR O/V
DHULE-SAR'SAROVAR-I	13/02/2009	00.20		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.
400/220kv ICT-II @ BBLSWR	11/02/2009	22.12	12/02/2009	05.17	Testing Work
LONIKHAND-PARLY-I	12/02/2009	09.34	12/02/2009	17.15	85 L/O Relay Replacement.
Jejury-Koyna IV Tie CB @ Jejury	12/02/2009	09.55	12/02/2009	18.39	Tan Delta Measurment.
HV Breaker of 400/220KV ICT @ Lamboti	12/02/2009	10.36	12/02/2009	16.52	CRM Test on Own CB.ICT on Tie CB.
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.
Momewadi-Halkarni	12/02/2009	08.45	12/02/2009	17.32	Insulator Replacement
APTA-URAN CKT. II	12/02/2009	09.30		Continued.	C.T.Replacement.
Baramati-Kurkumb	12/02/2009	09.30	12/02/2009	16.30	Fixing of Bird Guards
220 KV Own Breaker BBLSR-Waluj line.	12/02/2009	10.07	12/02/2009	21.35	Main Breaker replacement work line on TBC at BBLSR end
C'pur-Sicom-II	12/02/2009	10.26	12/02/2009	16.55	Breaker Trials.
Voltage Level : 220KV			Outage Type TRIPPED		
Bale-Murud	11/02/2009	19.05	12/02/2009	15.30	Y ph LA Burst at Bale end.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 13/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	75
Unit 5	200	190
Unit 6	210	0
Unit 7	210	200
	1040	615
Bhusawal		
Unit 1	58	25
Unit 2	210	0
Unit 3	210	190
	478	215
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	170
Unit 4	210	160
Unit 5	210	160
Unit 6	250	230
	940	760
Chandrapur		
Unit 1	210	170
Unit 2	210	175
Unit 3	210	0
Unit 4	210	160
Unit 5	500	400
Unit 6	500	450
Unit 7	500	450
	2340	1805
Paras		
Unit 2	55	45
Unit 3	250	220
	305	265
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	95
Unit 3	210	205
Unit 4	210	205
Unit 5	210	200
	870	800
Uran		
All Units	852	600
	852	600
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	12
GHATGHAR	250	0
	611	313
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		
RGPPPL II	740	300
RGPPPL 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	3171
	3143	3171

	17146	12511
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