



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

State Load Dispatch Center, Airoli

Daily system Report

for

10/Feb/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 10/Feb/2009 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	119.122	1248.780	1) Madhya Pradesh	73.877	659.307
2) Hydro	13.953	129.293	2) Gujrat	17.230	182.563
3) Gas	14.609	150.733	3) Goa	-5.722	-55.976
Total MSGENCO	147.684	1528.806	4) TAPS 1&2 (Inj.)	7.390	73.948
B) OTHERS			5) Pench (Excess)	0.000	0.023
1) RGPPL Gas	6.088	69.984	# Total Cent. Sector	92.775	859.865
2) Wind Generation	5.418	27.514	F) Other Exchanges		
3) PENCH (MS)	0.000	0.000	1) With TPCL	-7.825	-58.942
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	18.141	182.165	1) MSEDCL Bilateral	9.792	104.646
2) TPCL Hydro	4.725	44.194	Include PX	1.942	33.268
TOTAL TPCL	22.866	226.359	2) MUMBAI Bilateral	9.135	67.878
3) REL Thermal	12.714	126.941	Include PX	2.260	13.522
D) STATE			3) MUMBAI Schedule	9.135	68.328
1) Thermal (A1+C1+C3)	149.977	1557.886	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	18.678	173.487	1) MSEDCL	244.140	2427.227
3) Gas (A3+B1)	20.697	220.717	2) TPCL	29.034	273.278
4) Wind (B2)	5.418	27.514	3) REL	14.341	138.932
TOTAL STATE	194.770	1979.604	TOTAL STATE	287.515	2839.437

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4993	5110	4685
MSGENCO Hydro	260	1294	208
MSGENCO Gas	617	649	571
MSGENCO Total Generation	5870	7053	5464
Central Sector Receipt	4229	4251	3413
RGPPL	302	302	0
WIND	204	184	261
Exchange with TPCL	-491	-466	6
MSEDCL DEMAND MET	10114	11324	9144
Load Shedding	4510	3896	1729
MSEDCL DEMAND (INCL. LS)	14624	15220	10873
TPCL GENERATION	1041	1063	744
REL GENERATION	531	530	530
TPCL+REL DEMAND	2063	2059	1268
STATE DEMAND MET	12177	13383	10412
STATE DEMAND (INCL. LS)	16687	17279	12141
Frequency (Hz)	49.58	49.71	50.15
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5979 MW at 13.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			101.872 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.48 Hz at 23.27 Hrs	48.98 Hz at 05.48 Hrs	49.74	.13 % 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 10/Feb/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.48	16.02	71	38	70
Unit 2	1.59	16.92	76	52	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.57	15.40	78	52	70
Unit 5	4.10	37.92	193	140	170
Unit 6	0.00	25.94	0	0	0
Unit 7	4.42	40.10	210	160	170
	13.16	152.30			550
Bhusawal					
Unit 1	0.56	5.99	26	18	25
Unit 2	3.89	40.94	180	140	150
Unit 3	1.44	37.36	185	0	0
	5.89	84.29			175
Parli					
Unit 1	0.52	5.34	22	21	20
Unit 2	0.56	5.80	25	22	20
Unit 3	4.10	36.00	178	160	170
Unit 4	4.18	39.96	192	135	175
Unit 5	3.25	43.51	169	69	130
Unit 6	5.10	48.52	241	153	205
	17.70	179.13			720
Chandrapur					
Unit 1	4.02	30.32	175	160	165
Unit 2	4.23	41.88	180	174	170
Unit 3	5.04	49.01	213	203	210
Unit 4	4.64	46.34	197	178	195
Unit 5	9.89	89.66	465	280	400
Unit 6	10.53	94.24	460	405	450
Unit 7	0.49	72.23	143	0	0
	38.84	423.68			1590
Paras					
Unit 2	1.10	7.51	50	37	50
Unit 3	5.00	51.84	236	159	225
	6.10	59.35			275
Khaparkheda					
Unit 1	4.78	47.72	205	185	200
Unit 2	4.72	46.26	202	186	200
Unit 3	4.62	46.93	203	176	200
Unit 4	4.86	47.02	211	196	200
	18.98	187.92			800
Nasik					
Unit 1	2.34	15.92	106	91	95
Unit 2	1.40	16.38	95	0	40
Unit 3	4.94	48.40	215	190	205
Unit 4	4.88	48.18	209	195	200
Unit 5	4.89	33.24	210	195	200
	18.45	162.12			740
Uran					
All Units	14.61	150.73	651	561	600
	14.61	150.73			600
Koyna					
Stage 1-2	2.45	25.10	345	45	600
Stage 4	5.14	47.18	558	0	250
Koyna 12&4 Total	7.59	72.28			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.71	15.48	236	0	320
	9.30	87.76			1170
Hydro					
KDPH	0.91	3.26	38	38	36
VTRNA	1.02	11.04	61	0	60
TILLARI	0.39	4.08	60	0	60
BHTGR/VEER	1.25	12.28	52	52	50
BHIRA T.R.	0.25	2.48	82	0	80
RNGR+BHTSA	0.34	3.53	15	13	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.52	12	0	12
GHATGHAR	0.44	4.36	125	0	0
	4.66	41.53			313
PENCH (MS)					
Pench (MS)	0.00	0.00	0	0	
	0.00	0.00			
Wind					
MalharPeth	0.12	1.27			
Vankuswadi	0.26	2.87			
ATIT	0.03	0.31			
Kale	0.53	1.40			
Satara	0.12	1.15			
Shirala	0.05	0.90			
K Mahankal	0.01	0.12			
Supa	0.04	0.58			
Vita	0.36	4.71			
Dondaicha	2.96	9.28			
Sakri	0.56	1.76			
Nandurbar	0.05	0.94			
Khadakale	0.15	1.64			
Khaparale	0.17	0.57			
	5.42	27.51			
Dabhol					
RGPP L II	6.09	69.98	305	0	300
RGPP L III		0.00	0	0	0
	6.09	69.98			300
Tata					
Trombay 4	2.85	26.08	137	98	140
Trombay 5	12.00	120.00	500	500	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	2.53	24.49	111	95	125
Trombay 7B	0.76	11.60	34	25	45
TATA Hydro	4.72	44.19	467	2	447
	22.87	226.36			1257
REL					
1&2	12.71	126.94	532	525	500
	12.71	126.94			500
Cent Sect					
Share					3526
					3526

MS PG CL	Thermal	119.12	1248.78		4850
	Thml+Gas	133.73	1399.51		5450
	Hydro	13.95	129.29		1483
	Total	147.68	1528.81		6933
State Total		194.77	1979.60		12516

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/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	4740	831	586	6157	0	154	2893	3324	-109	-71	9564	1728	11292	1374	12666	49.69
2	4714	306	586	5606	0	236	2823	3407	-34	5	9254	1752	11006	1273	12279	50.00
3	4685	208	571	5464	0	261	2824	3413	-34	6	9144	1729	10873	1268	12141	50.15
4	4689	218	561	5468	64	226	2824	3368	-34	2	9128	1874	11002	1273	12275	50.00
5	4720	282	561	5563	290	255	2826	3334	-40		9442	2517	11959	1275	13234	49.75
6	4728	997	565	6290	300	255	2918	3380	-52	-1	10224	2799	13023	1276	14299	49.46
7	4854	929	561	6344	300	267	3016	2711	-132	-76	9546	3874	13420	1385	14805	49.41
8	4944	541	562	6047	300	211	3369	3410	-112	-57	9911	4214	14125	1572	15697	49.25
9	5054	265	597	5916	299	187	3333	3894	-182	-133	10163	4378	14541	1716	16257	49.56
10	4993	260	617	5870	302	204	3609	4229	-541	-491	10114	4510	14624	2063	16687	49.58
11	4949	511	611	6071	302	142	3730	4495	-589	-564	10446	4004	14450	2207	16657	49.55
12	4954	682	613	6249	302	167	3811	4432	-639	-584	10566	4242	14808	2265	17073	49.62
13	4918	663	639	6220	297	185	3851	4912	-639	-579	11035	4386	15421	2246	17667	49.59
14	4983	669	636	6288	303	343	3985	4107	-639	-582	10459	4420	14879	2136	17015	49.74
15	4977	548	645	6170	302	381	4039	3981	-639	-581	10253	4311	14564	2143	16707	49.80
16	5005	465	649	6119	301	370	3996	4043	-639	-584	10249	4340	14589	2150	16739	49.70
17	5087	673	650	6410	303	385	4007	4045	-639	-584	10559	4168	14727	2137	16864	49.82
18	5109	697	650	6456	302	330	3907	4226	-593	-531	10783	3911	14694	2188	16882	49.85
19	5013	935	651	6599	302	215	3641	4161	-491	-415	10862	3766	14628	2155	16783	49.73
20	5110	1294	649	7053	302	184	3467	4251	-540	-466	11324	3896	15220	2059	17279	49.71
21	5253	991	648	6892	305	213	3536	4192	-484	-414	11188	3536	14724	2082	16806	49.83
22	5294	475	649	6418	304	225	3540	3859	-483	-410	10396	3543	13939	1909	15848	49.75
23	5201	286	574	6061	304	241	3313	3971	-487	-418	10159	3370	13529	1700	15229	49.87
24	5136	221	574	5931	304	232	3220	3617	-365	-297	9787	2619	12406	1553	13959	50.26
MUs	119.11	13.95	14.60	147.66	6.09	5.87	82.48	92.76	-9.14	-7.82	244.56	83.89	328.44	43.40	371.85	49.74

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 11/Feb/2009

Position as on 6.30 Hrs of 12/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	13/02/2009
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	13/02/2009
Dabhol 1A	230	06/02/2009	11:50		Continued.	Turbine Problem	13/02/2009
Chandrapur Unit 3	210	12/02/2009	00.41		Continued.	Steam Leakage.	15/02/2009

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Feb/2009

Position as on 6.30 Hrs of 11/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-I	08/02/2009	21.19	10/02/2009	04.46	H/T FOR O/V
KOLHAPUR-MAPUSA CKT II	09/02/2009	22.05	10/02/2009	15.17	Hand Tripped to Control O/V.
Dhule-Sar'Sarovar II	10/02/2009	00.00		Continued.	H/T FOR O/V
Kolhapur-Mapusa Ckt I	10/02/2009	23.26	11/02/2009	09.31	H/T FOR O/V
KOLHAPUR-MAPUSA CKT II	11/02/2009	23.58		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 kv Main Bus-I at New Koyna	09/02/2009	16:40	10/02/2009	12.45	Bus Isolator Work.
Dhabhol-N'Thane I	10/02/2009	09.06	10/02/2009	20.25	Testing and R.M. work.
400 KV Own Br. of Solapur-Parli line	10/02/2009	11.02	10/02/2009	16.57	Line Was On Tie Breaker(Testing Work)
Karad-Solapur(Lamboti)	11/02/2009	09.25	11/02/2009	13.25	C.T.Leakage & Line Maintenace
Own Breaker of Bhusawal-Koradi-II	11/02/2009	11.26	11/02/2009	13.56	Line on TBC for Main Breaker CRM Test at Bhusawal.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
ICT - III at Harangul	20/12/2008	14.53		Continued.	New ICT commissioning work
Girawli-Parli-III	10/02/2009	07.24	10/02/2009	18.48	Conductor Repair.
Apta - Taloja	10/02/2009	07.44	10/02/2009	22.08	C.T.Replacement RYB.
Pophali- Karad II	10/02/2009	08.45	10/02/2009	18.30	Crimping Work
Uran-Kharghar-CKT.II	10/02/2009	09.15	10/02/2009	15.23	Carrier Intertrip Commissioning
220 KV Own Breaker BBLSR-Waluj line.	10/02/2009	10.07		Continued.	Main Breaker replacement work line on TBC at BBLSR end
L.V.Breaker 400/220 KV ICT-II at Klw.	10/02/2009	13.28		Continued.	ICT-II on TBC.Br.Repl.
Khaperkheda-Koradi Ckt.	10/02/2009	14.00	10/02/2009	16.20	Testing Work
Mumewadi - Halkarni	11/02/2009	08.18	11/02/2009	17.30	Insulator Replacement
Karad-Pophali	11/02/2009	08.20	11/02/2009	18.15	Line Maintenance work.
Khaperkheda - Ambazari - II	11/02/2009	10.06	11/02/2009	13.38	Tan Delta Measurment.
Bale-Osmanbad	11/02/2009	11.25	11/02/2009	16.30	Tan Delta Measurment.
New Parly - Beed - I	11/02/2009	11.55	11/02/2009	14.05	Q.M. WORK
220/132 KV,200 MVA ICT @ Bale	11/02/2009	12.00	11/02/2009	18.28	CTR Fire Fighting Commissioning Work.
Kanhan - Bhandara - I	11/02/2009	13.25	11/02/2009	19.52	Tan Delta Measurment.
Bale-Murud	11/02/2009	15.30	11/02/2009	18.15	Tan Delta Measurment.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/100 KV,100 MVA ICT-I @ Tambati	11/02/2009	15.05	11/02/2009	16.20	Oil Leakage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Uran-ONGC	11/02/2009	20.50	11/02/2009	20.57	Isolator Sparking.
Voltage Level : 400KV			Outage Type TRIPPED		
New Koyna - Stage IV	09/02/2009	23.58	10/02/2009	08.10	TRIPPED ON O/V
Voltage Level : 220KV			Outage Type TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Feb/2009

Position as on 6.30 Hrs of 11/Feb/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Kandalgaon-Khargar	10/02/2009	10.55	10/02/2009	17.46	R Ph Conductor Snapped.
Trombay-Nerul	10/02/2009	22.30	10/02/2009	23.39	Tripped on Dist.Prot.
Dondaicha - Shahada	11/02/2009	20.50	11/02/2009	22.50	Tripped
Voltage Level : 132KV			Outage Type TRIPPED		
Dondaicha - Dondaicha	11/02/2009	20.55	11/02/2009	22.05	Tripped
Dhule - Dondaicha - II	11/02/2009	21.02	11/02/2009	21.20	Tripped - O/C,E/F Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 11/Feb/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	75
Unit 2	105	70
Unit 3	105	0
Unit 4	105	75
Unit 5	200	170
Unit 6	210	0
Unit 7	210	180
	1040	570
Bhusawal		
Unit 1	58	25
Unit 2	210	180
Unit 3	210	170
	478	375
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	175
Unit 4	210	150
Unit 5	210	140
Unit 6	250	210
	940	715
Chandrapur		
Unit 1	210	165
Unit 2	210	175
Unit 3	210	210
Unit 4	210	180
Unit 5	500	400
Unit 6	500	400
Unit 7	500	350
	2340	1880
Paras		
Unit 2	55	45
Unit 3	250	230
	305	275
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	170
Unit 4	210	200
	840	770
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	320
	1920	1170
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		
RGPL II	740	300
RGPL III	740	
	1480	300
Tata		
Trombay 4	150	150
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	120
Trombay 7B	60	40
TATA Hydro	444	447
	1774	1257
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3521
	3143	3521