



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

State Load Dispatch Center, Airoli

Daily system Report

for

03/Feb/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 03/Feb/2010 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	123.259	356.607	1) Madhya Pradesh	56.446	183.357
2) Hydro	8.398	31.442	2) Gujrat	30.399	88.446
3) Gas	12.651	38.125	3) Goa	-6.379	-19.024
Total MSGENCO	144.308	426.174	4) TAPS 1&2 (Inj.)	6.521	19.005
B) OTHERS			5) Pench (Excess)	-0.367	-1.023
1) RGPPL Gas	30.209	91.994	# Total Cent. Sector	86.620	270.761
2) Wind Generation	1.460	3.948	F) Other Exchanges		
3) PENCH (MS)	0.367	1.023	1) With TPCL	-6.321	-18.367
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	21.045	63.396	1) MSEDCL Bilateral	5.920	17.445
2) TPCL Hydro	6.046	19.019	Include PX	0.000	1.247
TOTAL TPCL	27.091	82.415	2) MUMBAI Bilateral	6.120	17.268
3) REL Thermal	12.732	38.178	Include PX	4.360	11.849
D) STATE			3) MUMBAI Schedule	6.920	19.263
1) Thermal (A1+C1+C3)	157.036	458.181	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	14.811	51.484	1) MSEDCL	256.643	775.533
3) Gas (A3+B1)	42.860	130.119	2) TPCL	30.141	90.966
4) Wind (B2)	1.460	3.948	3) REL	16.002	47.891
TOTAL STATE	216.167	643.732	TOTAL STATE	302.786	914.390

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	5155	5228	5070
MSGENCO Hydro	473	803	185
MSGENCO Gas	557	520	540
MSGENCO Total Generation	6185	6551	5795
Central Sector Receipt	3696	4119	2954
RGPPL	1258	1255	1265
WIND	114	41	26
Exchange with TPCL	-473	-400	-34
MSEDCL DEMAND MET	10787	11593	10006
Load Shedding	3657	3945	1941
MSEDCL DEMAND (INCL. LS)	14444	15538	11947
TPCL GENERATION	1397	1369	757
REL GENERATION	529	528	532
TPCL+REL DEMAND	2399	2297	1323
STATE DEMAND MET	13186	13890	11329
STATE DEMAND (INCL. LS)	16843	17835	13270
Frequency (Hz)	49.61	49.52	49.89
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4572 MW AT 20.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			85.32 MUS

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.39 Hz at 18.04 Hrs	49.01 Hz at 17.11 Hrs	49.62	0 % of Time

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and Mumbai bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 03/Feb/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.97	6.05	87	75	80
Unit 2	1.58	4.98	71	23	70
Unit 3	0.00	0.00	0	0	0
Unit 4	0.00	0.38	0	0	0
Unit 5	2.80	8.51	151	57	60
Unit 6	3.84	10.97	185	148	160
Unit 7	3.90	12.46	180	141	160
	14.08	43.34			530
Bhusawal					
Unit 1	1.00	2.60	50	19	45
Unit 2	4.49	12.99	196	175	190
Unit 3	4.54	13.66	195	185	195
	10.03	29.25			430
Parli					
Unit 1	0.55	1.65	25	20	23
Unit 2	0.53	1.56	23	21	23
Unit 3	3.67	11.40	166	137	165
Unit 4	4.36	13.45	192	169	200
Unit 5	0.00	0.00	0	0	0
Unit 6	7.50	20.17	376	244	250
	16.62	48.22			661
Chandrapur					
Unit 1	3.51	10.58	151	142	150
Unit 2	3.93	11.84	170	160	160
Unit 3	4.14	12.66	194	147	210
Unit 4	4.49	13.26	194	172	210
Unit 5	10.80	28.66	462	433	450
Unit 6	9.68	24.62	420	380	450
Unit 7	10.07	30.86	454	372	450
	46.63	132.49			2080
Paras					
Unit 2	1.10	3.30	48	40	46
Unit 3	4.25	13.76	212	0	200
	5.35	17.06			246
Khaparkheda					
Unit 1	0.00	0.00	0	0	0
Unit 2	4.56	13.54	197	183	190
Unit 3	4.92	14.24	215	179	180
Unit 4	4.97	14.68	214	198	210
	14.46	42.46			580
Nasik					
Unit 1	0.00	2.92	0	0	0
Unit 2	2.10	6.05	96	79	100
Unit 3	4.66	6.80	205	185	200
Unit 4	4.68	14.08	205	182	190
Unit 5	4.66	13.93	208	177	200
	16.09	43.79			690
Uran					
All Units	12.65	38.12	558	502	530
	12.65	38.12			530
Koyna					
Stage 1-2	1.77	5.26	235	35	600
Stage 4	1.23	10.20	399	0	250
Kovna 12&4 Total	3.00	15.46			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.47	2.82	100	0	240
	3.47	18.29			1090
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	1.46	1.74	61	60	60
TILLARI	0.38	1.07	61	0	60
BHTGR/VEER	1.58	4.74	66	66	66
BHIRA T.R.	0.32	0.85	80	0	80
RNGR+BHTSA	0.27	0.80	12	11	11
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.18	0.55	8	7	15
PAITHAN	0.06	0.17	10	0	9
GHATGHAR	0.67	3.24	125	0	0
	4.92	13.16			301
PENCH (MS)					
Pench (MS)	0.37	1.02	47	0	
	0.37	1.02			
Wind					
MalharPeth	0.06	0.23			
Vankuswadi	0.20	0.69			
ATIT	0.04	0.16			
Kale	0.05	0.22			
Satara	0.07	0.24			
Shirala	0.06	0.21			
K Mahankal	0.01	0.04			
Supa	0.03	0.21			
Vita	0.46	1.05			
Dondaicha	0.30	0.46			
Sakri	0.05	0.13			
Nandurbar	0.02	0.06			
Khadakale	0.09	0.16			
Khaparale	0.02	0.10			
	1.46	3.95			
Dabhol					
RGPP L II	30.21	91.99	1269	1240	1234
RGPP L III	0.00	0.00	0	0	
	30.21	91.99			1234
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	0.00	0.00	0	0	0
Trombay 6	11.98	35.42	510	430	500
Trombay 7A	2.13	7.02	122	73	120
Trombay 7B	1.40	4.39	68	54	60
Trombay 8	5.53	16.56	250	150	250
TATA Hydro	6.05	19.02	481	0	447
	27.09	82.42			1377
REL					
1&2	12.73	38.18	533	528	500
	12.73	38.18			500
Cent Sect					
Share					3445
					3445

MS PG CL	Thermal	123.26	356.61		5217
	Thml+Gas	135.91	394.73		5747
	Hydro	8.40	31.44		1391
	Total	144.31	426.17		7138
State Total		216.17	643.73		13694

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/Feb/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CS SHARE	CS RECPT	MUMBAI		MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	MUMBAI DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS						SCH.	EXCH.						
1	4941	180	528	5649	1264	32	2909	3376	-50	-33	10288	2044	12332	1453	13785	49.79
2	4980	190	527	5697	1269	23	2911	3106	-50	-24	10071	2102	12173	1372	13545	49.88
3	5070	185	540	5795	1265	26	2911	2954	-50	-34	10006	1941	11947	1323	13270	49.89
4	5091	185	527	5803	1265	26	2912	2933	-50	-34	9993	2200	12193	1319	13512	49.82
5	5122	185	527	5834	1260	28	2913	2788	-50	-37	9881	2363	12244	1318	13562	49.57
6	5119	434	527	6080	1267	37	2884	3017	-50	-40	10387	2707	13094	1391	14485	49.41
7	5092	240	527	5859	1268	34	3182	2846	-7	5	10038	3670	13708	1531	15239	49.45
8	5204	215	527	5946	1267	43	3181	3191	-7	6	10479	3932	14411	1675	16086	49.34
9	5221	280	558	6059	1268	67	3173	3090	-8	-3	10507	3940	14447	1866	16313	49.50
10	5266	325	548	6139	1265	97	3460	3438	-258	-249	10737	3827	14564	2175	16739	49.66
11	5262	513	558	6333	1263	133	3624	3551	-447	-433	10891	3500	14391	2352	16743	49.64
12	5155	473	557	6185	1258	114	3668	3696	-492	-473	10787	3657	14444	2399	16843	49.61
13	5147	342	523	6012	1263	84	3924	4103	-605	-553	10909	3699	14608	2372	16980	49.85
14	5096	316	518	5930	1255	75	3900	3988	-558	-517	10731	3635	14366	2226	16592	49.75
15	5016	356	505	5877	1244	82	3943	4180	-558	-516	10867	3765	14632	2236	16868	49.46
16	5032	331	502	5865	1243	80	3951	4254	-582	-534	10930	3592	14522	2281	16803	49.42
17	5058	246	520	5824	1251	84	3730	4320	-582	-537	10969	3577	14546	2286	16832	49.63
18	5050	619	515	6184	1249	93	4057	4281	-558	-519	11315	3188	14503	2251	16754	49.43
19	5128	876	520	6524	1254	59	3723	4006	-422	-374	11496	3765	15261	2273	17534	49.53
20	5228	803	520	6551	1255	41	3744	4119	-422	-400	11593	3945	15538	2297	17835	49.52
21	5270	426	520	6216	1254	41	3404	4300	-304	-282	11551	3635	15186	2180	17366	49.47
22	5301	201	522	6024	1262	65	3254	3960	-204	-181	11135	3665	14800	2082	16882	49.77
23	5263	276	520	6059	1260	54	3393	3590	-341	-318	10645	3345	13990	1824	15814	49.55
24	5147	201	515	5863	1240	42	3261	3533	-263	-241	10437	1957	12394	1662	14056	49.95
MUs	123.26	8.40	12.65	144.31	30.21	1.46	82.01	86.62	-6.92	-6.32	256.64	77.65	334.29	46.14	380.44	49.62

NOTE : ALL VALUES IN MW

MUMBAI Sch./Net Exch is shown with reference to MSETCL System. (+) indicates MUMBAI to MSETCL and (-) indicates MSETCL to MUMBAI. MUMBAI Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 03/Feb/2010

Position as on 6.30 Hrs of 04/Feb/2010

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 5	500	03/01/2010	00.57		Continued.	AOH	05/02/2010
Khaparkheda Unit 1	210	05/01/2010	23.57		Continued.	AOH	09/02/2010
Koradi Unit 3	105	09/01/2010	00.17		Continued.	COH.	21/03/2010
Uran Unit 6	108	20/01/2010	01:22		Continued.	Major Overhauling work.	05/03/2010
Koyna Unit 9	80	20/01/2010	11:00		Continued.	AOH.	19/02/2010
FORCED OUTAGE							
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Dabhol 3A	230	08/11/2008	13.45		Continued.	Exhaust temp.& vibn.high	31/03/2010
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Tata Trombay 4	150	01/12/2009	19:16		Continued.	W/Dn.	
Dabhol 1B	230	30/01/2010	01.45		Continued.	Turbine temp.high	06/02/2010
Parli Unit 5	210	30/01/2010	17.34		Continued.	Hydrogen Leakage	04/02/2010
Koradi Unit 4	115	01/02/2010	04.55		Continued.	Boiler Tube Leakage	04/02/2010
Nasik Unit 1	125	02/02/2010	09.20		Continued.	Boiler Tube Leakage.	05/02/2010
Paras Unit 3	250	02/02/2010	22:12	03/02/2010	01:02	Flame Failure	
Koradi Unit 2	105	03/02/2010	23.35		Continued.	Boiler Tube Leakage	05/02/2010

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Feb/2010

Position as on 6.30 Hrs of 04/Feb/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Padgha-Tarapur CKT I	03/02/2010	09.31	03/02/2010	19.55	Q.M.Work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - I	12/01/2010	12.56		Continued.	H/T. SYSTEM CONSTRAINT.
Akola - Aurangabad - I	20/01/2010	00:45		Continued.	H/T System Constraint.
Dhule-S'Sarovar I	30/01/2010	16.23		Continued.	Hand Tripped For Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400 KV 'B' Bus at Nagothane	03/02/2010	10.00	03/02/2010	23.32	Construction work in Dabhol-II Bay, Bus coupler CT testing work
Dabhol - Nagothane - I	03/02/2010	10.05	03/02/2010	18.22	Cold washing
Main Bus-II at Koradi	04/02/2010	05.15		Continued.	Replacement of CVTs
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Aurangabad - Padegaon - I.	27/01/2010	16:35		Continued.	BKR. Replacement work, ckt on TBC. (15 days)
Kalwa - Ghatghar	29/01/2010	09.12		Continued.	Replacement of conductor.
Nasik - Ghatghar	30/01/2010	08.56		Continued.	Conductor Repalcement.
Tifil-Trombay	03/02/2010	07.03	03/02/2010	16.32	Conductor Replacement
Main Bus at Bale S/S.	03/02/2010	09.00	03/02/2010	17.30	220KV Bus Bar Protection Testing
Virur - Gadhchiroli	03/02/2010	09.10	03/02/2010	19.02	R.M.Work
Khaparkhedha-Kawlewada-I	03/02/2010	09.12	03/02/2010	16.30	Q.M.Work
Girwali - Parbhani	03/02/2010	10.41	03/02/2010	12.55	Relay Retrofitting
220/132KV 100MVA ICT at Yavatmal	03/02/2010	10.55	03/02/2010	16.45	To attend ICT Leakage and Heating to attend 220KV CT Leakage
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Achalpur - Anjangaon	03/02/2010	10.35	03/02/2010	16.40	Replacement of LA
Bus PT at Malegaon	03/02/2010	12.42	03/02/2010	20.00	Replacement of Faulty Insulator
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Own BKR 400/21 KV, 600 MVA GT - VII at Chandrapur.	25/01/2010	08:12		Continued.	GT VII on TBC, Main BKR, Air leakage problem.
400/220 KV 500 MVA ICT-I at Jejuri	03/02/2010	13.10	03/02/2010	22.27	To attend LV side Y phase CT leakage
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	01/02/2010	18.06		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Kalwa-Nasik III	30/01/2010	18.59		Continued.	Hand Tripped for Tower Leg Bend @ Loc.No.84.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Paras-Malegaon	03/02/2010	12.42	03/02/2010	22.30	H/T in View of 132KV Bus PT outage at 132KV Malegaon
Voltage Level : 220KV			Outage Type TRIPPED		
220/33KV, 25MVA T/F at Gadchandur	26/01/2010	09:50		Continued.	Buccholtz Trip.
Voltage Level : 132KV			Outage Type TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Feb/2010

Position as on 6.30 Hrs of 04/Feb/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
132/33 KV,25 MVA T/F-I at Katol	23/01/2010	10.44		Continued.	Differential protection operated.
Harangul-Ujani-II	03/02/2010	15.25	03/02/2010	15.35	Distance Protection
Malegaon-Resod	03/02/2010	21.10	03/02/2010	21.20	Tripped on Backup Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 04/Feb/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	75
Unit 2	105	0
Unit 3	105	0
Unit 4	105	0
Unit 5	200	150
Unit 6	210	160
Unit 7	210	180
	1040	565
Bhusawal		
Unit 1	58	50
Unit 2	210	190
Unit 3	210	195
	478	435
Parli		
Unit 1	30	23
Unit 2	30	23
Unit 3	210	165
Unit 4	210	200
Unit 5	210	0
Unit 6	250	250
	940	661
Chandrapur		
Unit 1	210	150
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	2080
Paras		
Unit 2	55	46
Unit 3	250	200
	305	246
Khaparkheda		
Unit 1	210	0
Unit 2	210	190
Unit 3	210	210
Unit 4	210	210
	840	610
Nasik		
Unit 1	120	0
Unit 2	120	95
Unit 3	210	205
Unit 4	210	200
Unit 5	210	200
	870	700
Uran		
All Units	852	530
	852	530
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	0
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	66
BHIRA T.R.	80	80
RNGR+BHTSA	20	11
BHANDARDRA	45	0
ELDARY	23	15
PAITHAN	12	9
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		
RGPPPL II	960	1234
RGPPPL III	740	
	1700	1234
Tata		
Trombay 4	150	0
Trombay 5	500	0
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1377
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3337
	3143	3337