



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

State Load Dispatch Center, Airoli

Daily system Report

for

21/Feb/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 21/Feb/2011 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	129.906	2596.739	1) Madhya Pradesh	53.861	1085.033
2) Hydro	14.725	520.336	2) Gujrat	29.417	592.978
3) Gas	11.716	259.538	3) Goa	-5.973	-128.167
Total MSGENCO	156.347	3376.613	4) TAPS 1&2 (Inj.)	7.781	162.856
B) OTHERS			5) Pench (Excess)	-0.298	-5.677
1) RGPPL Gas	28.631	612.364	# Total Cent. Sector	84.788	1707.023
2) Wind Generation	5.231	60.564	F) Other Exchanges		
3) CPP	25.752	550.534	1) With TPCL (Excess)	-3.875	-95.123
4) PENCH (MS)	0.298	5.677	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	18.795	380.370
1) TPCL Thermal	23.775	513.428	Include PX	0.000	0.000
2) TPCL Hydro	4.544	76.350	2) MUMBAI Bilateral	4.699	105.531
TOTAL TPCL	28.319	589.778	Include PX	-1.353	-18.595
3) REL Thermal	12.686	266.315	3) MUMBAI Schedule	4.699	105.531
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	166.367	3376.482	1) MSEDCL	297.172	6217.652
2) Hydro (A2+B3+C2)	19.567	602.363	2) TPCL	29.796	634.859
3) Gas (A3+B1)	40.347	871.902	3) REL	15.081	316.343
4) Wind (B2)	5.231	60.564	TOTAL STATE	342.049	7168.854
5) CPP (B3)	25.752	550.534			
TOTAL STATE	257.264	5461.845			

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	5560	5222	5317
MSGENCO Hydro	960	1450	160
MSGENCO Gas	493	470	505
MSGENCO Total Generation	7013	7142	5982
Central Sector Receipt	3910	3669	2474
RGPPL	1216	1195	1166
WIND	352	76	282
CPP	1144	1086	938
Exchange with Mumbai	-133	-250	73
MSEDCL DEMAND MET	13502	12945	10915
Load Shedding (LS)	186	265	0
MSEDCL DEMAND (INCL. LS)	13688	13210	10915
TPCL GENERATION	1429	1528	776
REL GENERATION	529	529	528
TPCL+REL DEMAND	2091	2307	1231
STATE DEMAND MET	15593	15252	12146
Load Management (LM)	1799	3254	0
Total Load Relief (LS+LM)	1985	3519	0
UNRESTRICTED STATE DEMAND	17578	18771	12146
Frequency (Hz)	49.94	49.84	50.39

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.65 Hz at 05.03 Hrs	49.47 Hz at 18.58 Hrs	49.98	0 % of Time(min)

* 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 21/Feb/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.17	81.63	182	150	170
Unit 6	4.05	48.53	187	148	170
Unit 7	4.37	79.04	195	155	200
	12.59	209.21			540
Bhusawal					
Unit 2	4.12	74.35	190	150	190
Unit 3	4.18	65.00	185	150	200
Unit 4			0	0	
	8.30	139.36			390
Parli					
Unit 3	4.13	76.49	189	137	170
Unit 4	3.75	78.79	163	146	150
Unit 5	4.34	75.89	195	160	185
Unit 6	4.83	112.63	237	113	230
Unit 7	3.01	104.88	160	90	110
	20.05	448.68			845
Chandrapur					
Unit 1	0.00	69.60	0	0	0
Unit 2	3.74	79.16	167	147	160
Unit 3	4.61	79.41	200	180	200
Unit 4	4.37	88.56	195	163	180
Unit 5	11.25	206.97	490	435	470
Unit 6	11.24	201.40	485	444	470
Unit 7	10.91	231.08	470	423	460
	46.13	956.18			1940
Paras					
Unit 3	5.06	82.45	249	103	180
Unit 4	4.30	101.59	246	0	230
	9.37	184.04			410
Khaparkheda					
Unit 1	4.87	101.94	215	170	210
Unit 2	4.87	89.12	212	176	210
Unit 3	2.31	98.09	215	0	210
Unit 4	5.02	25.66	218	183	210
Unit 5		0.00	0	0	
	17.08	314.80			840
Nasik					
Unit 1	2.06	41.92	95	79	95
Unit 2	2.12	42.64	93	81	95
Unit 3	4.09	87.90	190	150	190
Unit 4	4.13	91.38	190	141	190
Unit 5	4.00	80.64	185	145	180
	16.39	344.48			750
Uran					
All Units	11.72	259.54	507	467	470
	11.72	259.54			470
Dabhol					
RGPPL	28.63	612.36	1235	1148	1200
	28.63	612.36			1200
Koyna					
Stage 1-2	3.10	102.67	430	35	600
Stage 4	3.06	234.50	522	0	250
Stage 3	1.69	71.62	184	0	320
	7.84	408.79			1170
Kovna 12&4 Total	6.15	337.17			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.76	9.70	38	18	18
VTRNA	0.89	5.45	61	0	60
TILLARI	0.46	9.74	60	0	60
BHTGR/VEER	0.53	9.33	22	22	22
BHIRA T.R.	0.12	4.50	77	0	40
RNGR+BHTSA	0.38	7.56	16	16	16
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.41	6.52	23	13	0
SMLHY PTN	1.13	18.37	54	44	24
GHATGHAR	2.20	40.37	250	0	0
	6.88	111.54			240
PENCH (MS)					
Pench (MS)	0.30	5.68	53	0	
	0.30	5.68			
Wind					
MalharPeth	0.38	2.34			
Vankuswadi	0.57	5.58			
ATIT	0.16	1.10			
Kale	0.27	2.18			
Satara	0.49	5.10			
Shirala	0.32	2.15			
K Mahankal	0.19	2.29			
Supa	0.23	1.88			
Vita	1.17	12.33			
Dondaicha	0.43	14.32			
Nandurbar	0.08	1.78			
Khandke	0.66	4.52			
Khaparale	0.23	2.54			
	5.18	58.12			
CPP					
JSW JAIGAD	12.47	144.65	551	450	550
WARDHA	6.88	78.01	324	219	316
Other CPPs	6.40	327.88			
	25.75	550.53			866
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.52	217.98	480	270	500
Trombay 6	4.22	87.16	300	150	500
Trombay 7A	3.02	61.91	131	121	120
Trombay 7B	1.64	33.45	69	67	60
Trombay 8	5.38	112.92	251	150	250
TATA Hydro	4.54	76.35	453	0	447
	28.32	589.78			1877
REL					
1&2	12.69	266.32	529	527	500
	12.69	266.32			500
Cent Sect					
Share					3202
					3202

MS PG CL	Thermal	129.91	2596.74			5715
	Thml+Gas	141.62	2856.28			6185
	Hydro	14.72	520.34			1410
	Total	156.35	3376.61			7595
State Total		257.26	5461.84			15240

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 21/Feb/2011

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAN D WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS														
1	5368	150	503	6021	1187	192	946	3058	2676	-116	-4	11018	0	11018	1320	12338	50.15
2	5317	160	505	5982	1166	282	938	2963	2474	-116	73	10915	0	10915	1231	12146	50.39
3	5302	150	505	5957	1155	390	942	2816	2656	-66	131	11231	0	11231	1174	12405	50.36
4	5276	160	506	5942	1156	423	950	2683	2823	-66	148	11442	0	11442	1157	12599	50.21
5	5245	155	507	5907	1156	429	1031	2751	2888	-66	140	11551	123	11551	1167	12841	50.10
6	5495	194	502	6191	1148	417	1114	2792	3042	-66	46	11958	1673	11999	1261	14892	50.08
7	5587	378	503	6468	1149	418	1063	3045	3375	-166	-150	12323	1850	12371	1445	15618	49.96
8	5637	577	503	6717	1181	408	1133	2936	3628	-6	-49	13018	1924	13140	1572	16514	50.00
9	5638	557	498	6693	1208	389	1153	3133	3805	-181	-162	13086	2033	13317	1858	16977	49.95
10	5560	960	493	7013	1216	352	1144	3119	3910	-127	-133	13502	1985	13688	2091	17578	49.94
11	5584	820	478	6882	1214	301	1128	3327	3717	-341	-321	12921	2021	13157	2328	17270	50.00
12	5496	646	475	6617	1225	240	1153	3384	4074	-341	-325	13037	2132	13282	2366	17535	49.94
13	5453	1111	471	7035	1234	128	1153	3395	4009	-341	-346	13213	2186	13512	2348	17747	49.89
14	5457	825	467	6749	1235	53	1157	3325	4331	-316	-349	13176	2194	13483	2270	17640	50.03
15	5504	868	472	6844	1210	33	1163	3313	4395	-316	-355	13290	2280	13664	2276	17846	49.85
16	5506	723	475	6704	1210	32	1149	3361	4244	-291	-333	13033	2396	13523	2293	17722	49.90
17	5346	788	477	6611	1208	29	1155	3450	4337	-291	-329	13038	2373	13533	2307	17718	49.87
18	5264	1080	480	6824	1204	44	1142	3463	4433	-291	-326	13321	2356	13907	2261	17938	49.46
19	5252	1425	472	7149	1194	73	1099	3303	3630	-202	-225	12947	3343	13482	2267	18557	49.84
20	5222	1450	470	7142	1195	76	1086	3372	3669	-202	-250	12945	3519	13210	2307	18771	49.84
21	5390	783	476	6649	1193	154	1083	3242	3142	-66	-75	12183	3262	12191	2127	17572	49.79
22	5397	258	490	6145	1196	123	1016	3295	3230	-121	-124	11636	3254	11636	2011	16901	50.01
23	5334	273	492	6099	1195	127	923	3434	3204	-341	-317	11281	3097	11281	1809	16187	50.01
24	5276	234	496	6006	1196	118	931	3240	3096	-265	-240	11107	2883	11107	1634	15624	50.06
MUs	129.91	14.72	11.72	156.35	28.63	5.23	25.75	76.20	84.79	-4.70	-3.88	297.17	46.88	301.64	44.88	388.94	49.98

NOTE : ALL VALUES IN MW

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

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 21/Feb/2011

Position as on 6.30 Hrs of 22/Feb/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Dabhol 3B	230	04/01/2011	16:44		Continued.	Rehabilitation work.	05/03/2011
Dabhol 3A	230	29/01/2011	17.35		Continued.	Heavy leakage in CW Duct	28/02/2011
Dabhol 3X	290	29/01/2011	17.35		Continued.	Hand Tripped	28/02/2011
Uran Unit 6	108	05/02/2011	11.28	22/02/2011	00.47	Stator Earth Fault	
FORCED OUTAGE							
Chandrapur Unit 1	210	20/02/2011	02.56		Continued.	Boiler Tube Leakage	23/02/2011
Cent_Sect NTPC(V-7)	500	20/02/2011	07.15	21/02/2011	14.47	Boiler Tube Leakage	
Cent_Sect Sipat-4	500	21/02/2011	03.09	21/02/2011	06.36	Loss Of Fuel	
Khaparkheda Unit 3	210	21/02/2011	11.59		Continued.	Boiler Tube Leakage.	24/02/2011
Uran Unit 5	108	22/02/2011	05.02		Continued.	HPF Water Pump Trip.	
Uran Unit A0	120	22/02/2011	05.02		Continued.	HPF Water Pump Trip.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 21/Feb/2011

Position as on 6.30 Hrs of 22/Feb/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Padgha -Tarapur - I	21/02/2011	10.43	21/02/2011	19.45	Preventive Maint.of C B & L A.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - I	18/02/2011	23.27	21/02/2011	08.34	Over Voltage
Kolhapur-Mapusa-II	20/02/2011	21.47	21/02/2011	09.16	Over Voltage
Wardha - Akola - I	20/02/2011	21.58	21/02/2011	08.47	Over Voltage
Kolhapur - Mapusa - I	21/02/2011	21.56		Continued.	Over Voltage.
Wardha - Akola - II	21/02/2011	22.06		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule - S'Sarovar- II	19/02/2011	23.15	21/02/2011	11.00	Over Voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 300 MVA ICT-I @ Koradi	19/02/2011	10.42		Continued.	For Releasing Air from Air Releasing Plugs of R Phase
Karad - Kolhapur - II	20/02/2011	08.49		Continued.	Relay retrofitting work(ready for charging at 18.30Hrs)
Main Bus-II @ Kolhapur	21/02/2011	09.59		Continued.	Alignment of Isolator.(3 Day's)
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
220/100 KV125 MVA ICT-III @ Trombay	06/01/2011	12.03		Continued.	Augmentation by New 200 MVA ICT up to 20.03.2011.
220/132KV 50MVA ICT-I @ Peth	04/02/2011	08.45		Continued.	Augmentation by 100MVA ICT(upto 22Feb)
Borivali-Mulund	06/02/2011	22.17		Continued.	From Borivali end for strengthening Mumbai system up to 28.02.11
Kalwa - Borivali	06/02/2011	22.51		Continued.	From Kalwa end strengthening Mumbai system up to 28.02.11
220/110 KV 100 MVA T/F - II @ Mudshingi	07/02/2011	15.12		Continued.	Augmentation by 200 MVA.up to 15/03/11
220/132KV 100 MVA ICT-I @ Khadka	10/02/2011	10.14		Continued.	Replacement of 100MVA by200 MVA ICT(upto 06.03.11)
Tifil-Trombay	13/02/2011	09.50		Continued.	Stringing of new Ckt.between loc.no.22-39 on newly erected towers
New Paras TPS - Chikhali - II	19/02/2011	13.09	21/02/2011	11.21	Breaker Overhaul work(Ckt is on TBC)
Trombay - Tata Tie - II	21/02/2011	07.54	21/02/2011	08.52	Maint. Work of C B.
Pedambe-Mahad	21/02/2011	08.50	21/02/2011	19.37	Replacement of Insulators.
Pedambe - Pophali - II	21/02/2011	09.30	21/02/2011	11.10	Conductor Replacement of Isolator to Circuit Breaker.
220 KV Bus Coupler at Pedambe.	21/02/2011	09.30	21/02/2011	11.10	Conductor Replacement of Isolator to Circuit Breaker.
Ambazari-Wardha	21/02/2011	09.44		Continued.	Making LILO Arrangement for Abhijeet Power.
TBC @ Jalna	21/02/2011	11.15		Continued.	Breaker Overhauling Work Upto 22.02.11.
Taloja-OCIL - 1	21/02/2011	11.30	21/02/2011	17.17	C V T Oil Leakage Attending.
Main Bus @ Halkarni	21/02/2011	12.15	21/02/2011	18.05	C T Replacement Work.
Kalwa - Airoli - Knowledge Park.	21/02/2011	12.30	21/02/2011	18.55	Commissioning of Diff.Relay.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Feb/2011

Position as on 6.30 Hrs of 22/Feb/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Chitegaon - Garware	21/02/2011	12.30	21/02/2011	18.07	Armouring Work @ Loc.No.40 @ 41.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV 315 MVA ICT-I @ Parly.	11/02/2011	22.43		Continued.	PDR problem (ICT LV side is on TBC)
Voltage Level : 132KV			Outage Type FORCED OUTAGE		
Chikali - Dugar Bid	21/02/2011	09.30	21/02/2011	10.24	To Attend Hot Glow on R Ph Bkr Jumper @ Dugarbeed.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	21/02/2011	21.27	22/02/2011	05.22	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Babaleshwar - Bhenda	10/01/2011	09.30		Continued.	To Control Babaleshwar ICT Load.
Dhule-Chalisgaon	18/01/2011	15.53		Continued.	To control O/L Dhule ICT's.
Chandrapur-Warora - I	01/02/2011	00.39		Continued.	To Control Line Loading of 220KV Warora-Hinganghat.
220/100KV, 200MVA T/F-IV at Kalwa	06/02/2011	20.32		Continued.	For Thermovision inspection(upto 25 Feb)
Koradi-Ambazari-I	20/02/2011	18.43	21/02/2011	11.33	To Control Koradi ICT Loading
Hingoli-Pusad	21/02/2011	16.14		Continued.	In View of 400 KV Koradi ICT-I Outage.To Control Load on Ict-II.
Koradi-Ambazari-I	21/02/2011	18.30	21/02/2011	20.23	To Control Koradi ICT Loading.
Khaperkheda - Wardha.	21/02/2011	18.41	21/02/2011	20.18	In View of 400 KV Koradi-I Outage,To Control Load on ICT-II.
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Kalwa - Salshet - I	18/02/2011	10.56		Continued.	From Kalwa End
Voltage Level : 220KV			Outage Type TRIPPED		
Lonikand-Kathapur	21/02/2011	09.11	21/02/2011	09.45	Dist.Prot.
Voltage Level : 132KV			Outage Type TRIPPED		
Harangul - Latur - I	21/02/2011	17.32	21/02/2011	18.00	On Dist.Prot.Harangul End Only.
Harangul - Latur - II	21/02/2011	17.32	21/02/2011	21.30	Dist.Prot. R Ph. N.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 22/Feb/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	170
Unit 6	210	175
Unit 7	210	200
	620	545
Bhusawal		
Unit 2	210	190
Unit 3	210	200
Unit 4	500	
	920	390
Parli		
Unit 3	210	175
Unit 4	210	160
Unit 5	210	190
Unit 6	250	100
Unit 7	250	120
	1130	745
Chandrapur		
Unit 1	210	0
Unit 2	210	160
Unit 3	210	190
Unit 4	210	140
Unit 5	500	480
Unit 6	500	470
Unit 7	500	470
	2340	1910
Paras		
Unit 3	250	250
Unit 4	250	230
	500	480
Khaparkheda		
Unit 1	210	210
Unit 2	210	210
Unit 3	210	0
Unit 4	210	210
Unit 5	500	
	1340	630
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	180
Unit 4	210	180
Unit 5	210	175
	870	715
Uran		
All Units	852	640
	852	640
Dabhol		
RGPP	960	1200
	960	1200
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	36

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	22
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	27
GHATGHAR	250	0
	611	300
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	
Nandurbar	0	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	300	550
WARDHA	135	316
Other CPPs	0	
	435	866
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3514
	3143	3514