



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

State Load Dispatch Center, Airoli

Daily system Report

for

10/Feb/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 10/Feb/2012 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	121.625	1250.190	1) Gujrat	5.088	55.822
2) Hydro	7.138	98.692	2) Madhya Pradesh	17.082	195.558
3) Gas	11.987	121.986	3) Chattisgarh	12.440	124.860
Total MSGENCO	140.750	1470.868	4) Maharashtra	39.748	464.043
B) OTHERS			5) Goa	-6.748	-60.027
1) JSW JAIGAD	27.103	221.584	6) TAPS 1&2 Injection	7.814	78.177
2) WPCL	9.516	81.543	7) RGPPL Injection	23.624	244.088
3) Other CPP / IPP	7.523	71.042	8) Pench (Excess)	-0.360	-3.523
4) Wind Generation	4.713	43.599	# Total Cent. Sector	98.688	1098.998
5) PENCH (MS)	0.360	3.768	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-6.081	-106.062
1) TPCL Thermal	19.467	155.321	G) Bilateral Power *		
2) TPCL Hydro	4.810	58.126	1) MSEDCL Bilateral	36.001	297.178
TOTAL TPCL	24.277	213.447	Include PX	0.000	-0.371
3) REL Thermal	12.536	124.983	2) MUMBAI Bilateral	6.580	85.946
D) STATE			Include PX	-4.007	-26.159
1) Thermal (A1+C1+C3)	153.628	1530.494	3) MUMBAI Schedule	6.580	109.710
2) Hydro (A2+B5+C2)	12.308	160.586	H) ENERGY CATERED (MUs)		
3) Gas (A3)	11.987	121.986	1) MSEDCL	282.572	2885.340
4) Wind (B4)	4.713	43.599	2) TPCL	28.909	297.076
5) CPP (B1+B2+B3)	44.142	374.169	3) REL	14.083	147.914
TOTAL STATE	226.778	2230.834	TOTAL STATE	325.564	3330.330

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	5085	5243	4752
MSGENCO Hydro	468	371	169
MSGENCO Gas	513	508	502
MSGENCO Total Generation	6066	6122	5423
Central Sector Receipt	4693	4382	3570
WIND	98	197	364
CPP / IPP	1974	1955	1512
Exchange with Mumbai	-379	-472	-44
MSEDCL DEMAND MET	12469	12236	10825
Load Shedding (LS)	1964	500	0
MSEDCL DEMAND (INCL. LS)	14433	12736	10825
TPCL GENERATION	1363	1270	538
REL GENERATION	527	527	461
TPCL+REL DEMAND	2269	2269	1043
STATE DEMAND MET	14738	14505	11868
Load Management (LM)	2091	3396	0
Total Load Relief (LS+LM)	4055	3896	0
UNRESTRICTED STATE DEMAND	18793	18401	11868
Frequency (Hz)	49.65	49.86	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 17.02 Hrs	49.29 Hz at 11.21 Hrs	49.8	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 10/Feb/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.31	31.29	148	119	125
Unit 6	3.72	34.34	165	135	138
Unit 7	4.24	38.50	195	135	175
Total	11.27	104.13			438
Bhusawal					
Unit 2	4.17	42.42	195	145	170
Unit 3	4.05	42.30	180	160	161
Unit 4	0.00	0.00	0	0	
Total	8.22	84.72			331
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	4.75	46.36	203	183	200
Unit 5	3.92	38.45	172	143	168
Unit 6	5.31	31.87	295	195	215
Unit 7	4.58	52.66	245	152	190
Total	18.55	169.34			773
Chandrapur					
Unit 1	3.53	35.45	155	134	142
Unit 2	3.97	40.58	177	134	150
Unit 3	3.95	41.34	187	140	143
Unit 4	4.91	48.72	210	181	187
Unit 5	10.70	109.18	480	400	391
Unit 6	9.63	100.20	465	350	322
Unit 7	10.63	97.14	475	394	414
Total	47.32	472.62			1749
Paras					
Unit 3	5.92	53.78	257	231	250
Unit 4	5.80	53.31	250	229	250
Total	11.72	107.10			500
Khaparkheda					
Unit 1	5.05	39.98	215	200	210
Unit 2	4.36	42.81	190	153	180
Unit 3	4.27	43.43	192	163	180
Unit 4	5.05	52.18	224	192	210
Unit 5	0.34	14.34	108	0	
Total	19.07	192.74			780
Nasik					
Unit 3	5.04	50.27	220	175	210
Unit 4	0.44	36.30	164	0	0
Unit 5	0.00	32.97	0	0	0
Total	5.47	119.54			210
Uran					
All Units	11.99	121.99	518	481	500
Total	11.99	121.99			500
PENCH (MS)					
Pench (MS)	0.36	3.77	52	0	
Total	0.36	3.77			
Koyna					
Stage 1-2	1.20	20.06	140	40	600
Stage 4	0.00	10.22	0	0	250
Stage 3	0.31	7.20	80	0	320
Total	1.52	37.47			1170
Kovna 12&4 Total	1.20	30.27			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.47	2.48	20	19	18
VTRNA	0.87	7.68	61	0	61
TILLARI	0.36	3.66	60	0	60
BHTGR/VEER	0.48	1.29	20	19	5
BHIRA T.R.	0.25	3.58	80	0	80
RNGR+BHTSA	0.33	3.44	14	13	13
BHANDARDRA	0.77	7.03	32	32	32
ELDARY	0.00	2.55	0	0	0
SMLHY PTN	1.05	9.96	51	40	11
GHATGHAR	1.05	19.56	250	0	0
Total	5.62	61.22			280
Wind					
MalharPeth	0.26	2.19			
Vankuswadi	0.26	2.38			
ATIT	0.05	0.50			
Kale	0.14	0.99			
Satara	0.42	5.10			
Shirala	0.19	1.23			
K Mahankal	0.46	2.00			
Supa	0.10	1.26			
Vita	0.93	5.56			
Dondaicha	1.11	15.07			
Sakri	0.14	1.70			
Nandurbar	0.12	1.43			
Khandke	0.29	2.52			
Khaparale	0.24	1.66			
Total	4.71	43.60			
CPP					
JSW JAIGAD	27.10	221.58	1225	886	1100
WARDHA	9.52	81.54	435	329	420
Other CPPs	7.52	71.04			
Total	44.14	374.17			1520
Tata					
Trombay 4	0.11	0.11	9	0	0
Trombay 5	0.00	0.00	0	0	0
Trombay 6	9.48	53.36	501	156	500
Trombay 7A	2.71	29.14	133	86	120
Trombay 7B	1.55	16.20	70	57	60
Trombay 8	5.61	56.51	250	177	250
TATA Hydro	4.81	58.13	414	0	447
Total	24.28	213.45			1377
REL					
1&2	12.54	124.98	529	461	500
Total	12.54	124.98			500
Cent Sect					
Share					4935
Total					4935

MS PG CL	Thermal	121.62	1250.19			4781
	Thml+Gas	133.61	1372.18			5281
	Hydro	7.14	98.69			1450
	Total	140.75	1470.87			6731
State Total		226.78	2230.83			15063

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/Feb/2012

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS													
1	4859	164	510	5533	267	1691	4406	3554	-109	-180	10865	830	10865	1244	12939	49.83
2	4836	164	504	5504	284	1606	4407	3548	-41	-68	10874	589	10874	1132	12595	50.02
3	4758	174	510	5442	337	1496	4272	3799	-138	-62	11012	0	11012	1070	12082	49.88
4	4752	169	502	5423	364	1512	4272	3570	-138	-44	10825	0	10825	1043	11868	49.98
5	4879	164	501	5544	332	1642	4130	3738	-9	15	11271	0	11271	1068	12339	49.92
6	4951	164	490	5605	338	1743	4168	4300	65	66	12052	1170	12160	1200	14422	49.76
7	4937	204	499	5640	342	1942	4174	4379	-41	-19	12284	2754	13125	1453	16491	49.73
8	4989	406	499	5894	304	1961	4526	4644	-136	-82	12721	3325	13851	1630	17676	49.67
9	5060	333	518	5911	188	1970	4586	4399	-215	-158	12310	3740	13885	1873	17923	49.64
10	5089	475	513	6077	173	1968	4709	4543	-350	-291	12470	4020	14332	2103	18593	49.62
11	5085	468	513	6066	98	1974	4905	4693	-503	-379	12469	4055	14433	2269	18793	49.65
12	5067	542	492	6101	74	1971	4939	4726	-524	-419	12478	3942	14333	2270	18690	49.61
13	5092	427	481	6000	60	1969	4915	4966	-498	-351	12669	4027	14609	2157	18853	49.69
14	5133	422	481	6036	42	1947	4811	4603	-361	-378	12276	3715	13960	2144	18135	49.77
15	5112	317	486	5915	45	1929	4890	4701	-336	-378	12238	3373	13725	2148	17759	49.80
16	5165	273	486	5924	39	1940	4914	4631	-336	-342	12213	3251	13719	2130	17594	49.79
17	5098	228	488	5814	59	1921	4606	3982	-330	-354	11422	3595	12888	2136	17153	49.88
18	5109	252	489	5850	80	1958	4425	3415	-287	-340	10963	3382	11785	2130	16475	49.89
19	5172	298	509	5979	152	1949	4776	3982	-415	-420	11684	4040	12373	2177	17901	49.82
20	5243	371	508	6122	197	1955	4981	4382	-470	-472	12236	3896	12736	2269	18401	49.86
21	5279	354	508	6141	230	1877	4907	3990	-427	-396	11894	3565	12086	2104	17563	49.90
22	5253	228	508	5989	203	1789	4930	3584	-423	-437	11180	3354	11185	1928	16462	49.87
23	5333	237	504	6074	213	1731	4777	3530	-343	-351	11219	3214	11219	1724	16157	49.85
24	5374	304	488	6166	292	1701	4578	3029	-216	-241	10947	2675	10947	1492	15114	49.82
MUs	121.6 2	7.14	11.99	140.75	4.71	44.14	111.00	98.69	-6.58	-6.08	282.57	66.51	302.20	42.89	391.98	49.80

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 10/Feb/2012

Position as on 6.30 Hrs of 11/Feb/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Tata Trombay 4	150	02/08/2010	14.00	10/02/2012	06.50	Standby	
Parli Unit 3	210	12/11/2011	21.25		Continued.	Annual Overhaul.	12/02/2012
Cent_Sect NTPC(K-1)	210	20/12/2011	13.44		Continued.	Annual Overhaul.	12/02/2012
Tata Trombay 5	500	11/01/2012	00.19		Continued.	Annual overhaul.	14/02/2012
FORCED OUTAGE							
Bhusawal Unit 4	500	17/10/2011	03.55		Continued.	Hand Tripped	29/02/2012
Cent_Sect NTPC(K-3)	210	28/12/2011	14.00	10/02/2012	22.46	CW Pump Problem	
Khaparkheda Unit 5	500	04/02/2012	07:10	10/02/2012	16.39	W/dn.	
Dabhol 3B	230	04/02/2012	23.43		Continued.	Gas Shortage	
Nasik Unit 5	210	08/02/2012	06.05		Continued.	Vibration problem.	12/02/2012
Nasik Unit 4	210	08/02/2012	09.23	10/02/2012	19.34	Boiler tube leakage.	
Dabhol 1A	230	09/02/2012	14.51		Continued.	Gas Shortage	
Cent_Sect NTPC(V-10)	500	10/02/2012	05.38		Continued.	Boiler Tube Leakage	
Khaparkheda Unit 5	500	10/02/2012	16.44	10/02/2012	19.25	High Drum Level	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Feb/2012

Position as on 6.30 Hrs of 11/Feb/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Chandrapur-Bhadravti - I	10/02/2012	10.19	10/02/2012	17.54	Bus Post Insulator Repl.work(Ckt is on TBC)
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Borivali-Tarapur	29/12/2011	07:54		Continued.	Work of Conversion from D/C to M/C (60 Days Outage). Temprrory reconfigured as Tarapur-Boisar ckt-II
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Wardha - Akola - II	08/02/2012	21.21	10/02/2012	12.00	Over Voltage.
Dhule - S'Sarovar- II	08/02/2012	23.18		Continued.	Over Voltage.
Kolhapur - Mapusa - I	09/02/2012	20.31		Continued.	Over Voltage
Akola - Wardha - I	10/02/2012	17.32		Continued.	Over Voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Karad - Newkoyna - I	10/02/2012	09.33		Continued.	For commissioning and erection of 400KV LA at Karad
Padgha - Kalwa- I	10/02/2012	10.25	10/02/2012	17.56	Removal of E/W
Bus Coupler @ Dhule	10/02/2012	14.50	10/02/2012	23.30	To Attend Air Leakage
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 100 MVA ICT-I @ Girawali	24/11/2011	10.46		Continued.	Augmentation of ICT BY 200 MVA ICT.
220/132 KV 150 MVA ICT @ Bhandara	28/12/2011	13.57		Continued.	Replacement of ICT by 200MVA (Up to 29/2/12)
Boiser - Borivali	29/12/2011	08.40		Continued.	Work of Conversion from D/C to M/C (60 Days Outage). Temporary reconfigured as Tarapur-Boisar ckt-II
220/6.6KV,40MVA Strn..T/F-II at Korady	01/02/2012	16.35		Continued.	Replacement of 29B isolator.
Main Bus - I @ Talangade	06/02/2012	10.52		Continued.	Alignment of servicing of bus isolator.
Mudshingi - Talandage - I	08/02/2012	09.18	10/02/2012	13.16	Maintenance work
Karad-Pedambe	10/02/2012	08.45	10/02/2012	18.20	Q.M.Work
Washala-Ghatghar	10/02/2012	10.00	10/02/2012	16.35	R.M.Work
220/100 KV 125 MVA ICT - II @ Jambhul	10/02/2012	10.44	10/02/2012	18.15	R.M.Work
Padegaon - Sawangi	10/02/2012	11.27	10/02/2012	17.30	Measurement of Tan Delta of CT
Aurangabad - Padegaon - I.	10/02/2012	13.33	10/02/2012	17.09	Measurement of Tan Delta of CT
Malegaon - Satana - II	10/02/2012	13.55	10/02/2012	16.09	Relay Testing
Gadchandur-Virur-I	10/02/2012	14.07	10/02/2012	18.20	Testing of Distance Relay
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Amravati - Achalpur	16/01/2012	10.10		Continued.	Main bkr.maint.work.
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Road Side Bus @ Kalwa	10/02/2012	07.10	10/02/2012	18.52	Replacement of Single core conductor by twin core conductor
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Koradi - Kaparkheda	09/02/2012	16.45	10/02/2012	11.51	Filling of SF6 PG Isolator work
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Bus Section - II @ Nasik	10/02/2012	19.14	10/02/2012	23.03	To attend R Phase CT Oil Leakage

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Feb/2012

Position as on 6.30 Hrs of 11/Feb/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220KV,500MVA ICT-II at Khaparkheda.	20/11/2011	08.02		Continued.	Due to low nitrogen pressure fire alarm received.
Karad - Kolhapur - I	09/02/2012	16.22	10/02/2012	10.14	Over Voltage
Bhusawal- Aurangabad	09/02/2012	16.30	10/02/2012	11.34	Over Voltage
Aurangabad-Deepnagar-II	09/02/2012	20.28		Continued.	Over Voltage
Newkoyna - Jaigad - I	10/02/2012	11.16	10/02/2012	11.18	For shifting 165MVA ICT Units
New Koyna - Jaigad - II	10/02/2012	11.24	10/02/2012	11.29	For shifting 165MVA ICT Units
Newkoyna - Jaigad - I	10/02/2012	11.35	10/02/2012	11.39	For shifting 165MVA ICT Units
New Koyna - Jaigad - II	10/02/2012	11.46	10/02/2012	11.50	For shifting 165MVA ICT Units
Bhusawal- Aurangabad	10/02/2012	16.23		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chandrapur - Warora	29/01/2012	04.56		Continued.	To control Wardha-Warora Hinganghat line loading.
Padgha-Temghar I	09/02/2012	19.00	10/02/2012	15.12	To control Load on Padgha ICT
Padgha - Temghar - II	09/02/2012	19.00	10/02/2012	15.10	To control Load on Padgha ICT
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 100 MVA Spare Unit @ Koradi	21/01/2012	03.36		Continued.	Buchholz Alarm Persist.
Parli - Solapur	09/02/2012	18.11	10/02/2012	12.53	Distance Protection(Decapping at Loc.No.146)
Voltage Level : 220KV			Outage Type TRIPPED		
220/100KV 200MVA ICT-III at Kalwa	03/04/2011	16.00		Continued.	Buchholz Trip,Diff.Prot.operated,PRV tripped(Failed).
Chandrapur - Warora	08/02/2012	18.40	10/02/2012	16.45	B ph.CT burst at Warora.
Vita - Karkambh	10/02/2012	11.57	10/02/2012	12.11	Over Current

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 11/Feb/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	130
Unit 6	210	150
Unit 7	210	175
	620	455
Bhusawal		
Unit 2	210	180
Unit 3	210	180
Unit 4	500	
	920	360
Parli		
Unit 3	210	0
Unit 4	210	175
Unit 5	210	170
Unit 6	250	210
Unit 7	250	220
	1130	775
Chandrapur		
Unit 1	210	130
Unit 2	210	150
Unit 3	210	160
Unit 4	210	180
Unit 5	500	475
Unit 6	500	450
Unit 7	500	450
	2340	1995
Paras		
Unit 3	250	205
Unit 4	250	205
	500	410
Khaparkheda		
Unit 1	210	210
Unit 2	210	180
Unit 3	210	180
Unit 4	210	210
Unit 5	500	
	1340	780
Nasik		
Unit 3	210	210
Unit 4	210	210
Unit 5	210	0
	630	420
Uran		
All Units	852	475
	852	475
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	20
VTRNA	60	60
TILLARI	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
BHTGR/VEER	21	19
BHIRA T.R.	80	80
RNGR+BHTSA	20	14
BHANDARDRA	45	32
ELDARY	23	0
SMLHY PTN	12	11
GHATGHAR	250	0
	611	296
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	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	600	1100
WARDHA	405	430
Other CPPs	0	
	1005	1530
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	3455	4894
	3455	4894