



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

State Load Dispatch Center, Airoli

Daily system Report

for

24/Feb/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 24/Feb/2011 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	127.481	2991.525	1) Madhya Pradesh	56.361	1256.558
2) Hydro	14.156	570.002	2) Gujrat	25.767	674.621
3) Gas	15.726	303.193	3) Goa	-6.258	-146.506
Total MSGENCO	157.363	3864.720	4) TAPS 1&2 (Inj.)	7.594	185.877
B) OTHERS			5) Pench (Excess)	-0.020	-5.378
1) RGPPL Gas	28.429	697.040	# Total Cent. Sector	83.444	1965.172
2) Wind Generation	3.654	69.960	F) Other Exchanges		
3) CPP	24.845	624.626	1) With TPCL (Excess)	-7.112	-118.786
4) PENCH (MS)	0.253	6.532	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	14.298	429.618
1) TPCL Thermal	24.972	592.880	Include PX	0.000	0.000
2) TPCL Hydro	4.086	89.478	2) MUMBAI Bilateral	7.152	128.268
TOTAL TPCL	29.058	682.358	Include PX	0.342	-15.967
3) REL Thermal	12.621	294.358	3) MUMBAI Schedule	7.152	128.768
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	165.074	3878.763	1) MSEDCL	290.876	7109.264
2) Hydro (A2+B3+C2)	18.495	666.012	2) TPCL	32.503	731.126
3) Gas (A3+B1)	44.155	1000.233	3) REL	16.285	364.350
4) Wind (B2)	3.654	69.960	TOTAL STATE	339.664	8204.740
5) CPP (B3)	24.845	624.626			
TOTAL STATE	256.223	6239.594			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	5127	5216	5700
MSGENCO Hydro	1025	718	220
MSGENCO Gas	650	659	684
MSGENCO Total Generation	6802	6593	6604
Central Sector Receipt	4041	3582	2317
RGPPL	1182	1186	1182
WIND	24	392	27
CPP	1071	1060	951
Exchange with Mumbai	-361	-429	-134
MSEDCL DEMAND MET	12759	12438	10947
Load Shedding (LS)	426	31	0
MSEDCL DEMAND (INCL. LS)	13185	12469	10947
TPCL GENERATION	1701	1506	770
REL GENERATION	528	528	504
TPCL+REL DEMAND	2590	2463	1408
STATE DEMAND MET	15349	14901	12355
Load Management (LM)	2000	3484	0
Total Load Relief (LS+LM)	2426	3515	0
UNRESTRICTED STATE DEMAND	17775	18416	12355
Frequency (Hz)	49.81	49.91	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.41 Hz at 17:04 Hrs	49.44 Hz at 12:06 Hrs	49.94	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 24/Feb/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.90	93.54	170	153	180
Unit 6	3.95	60.75	190	145	170
Unit 7	4.37	92.66	195	165	180
	12.22	246.94			530
Bhusawal					
Unit 2	4.12	86.96	190	160	190
Unit 3	4.54	78.50	200	175	200
Unit 4			0	0	
	8.66	165.46			390
Parli					
Unit 3	4.30	89.07	192	155	190
Unit 4	0.00	86.00	0	0	0
Unit 5	4.10	88.97	200	100	200
Unit 6	3.05	123.40	239	0	230
Unit 7	2.87	115.56	232	63	200
	14.31	503.00			820
Chandrapur					
Unit 1	3.85	77.26	170	144	160
Unit 2	3.94	91.01	171	153	160
Unit 3	4.60	93.27	201	169	200
Unit 4	4.44	100.31	194	156	190
Unit 5	11.01	241.09	490	415	475
Unit 6	11.15	233.90	485	430	475
Unit 7	9.44	261.10	461	320	370
	48.43	1097.95			2030
Paras					
Unit 3	5.49	99.26	244	200	240
Unit 4	5.20	117.44	242	187	240
	10.68	216.69			480
Khaparkheda					
Unit 1	5.04	116.72	215	200	215
Unit 2	4.81	103.42	205	190	205
Unit 3	5.21	109.04	221	213	210
Unit 4	5.26	41.21	226	212	215
Unit 5		0.00	0	0	
	20.32	370.38			845
Nasik					
Unit 1	1.90	47.90	86	60	81
Unit 2	2.02	48.85	90	78	81
Unit 3	0.00	95.59	0	0	0
Unit 4	4.71	105.43	206	171	192
Unit 5	4.23	93.32	184	168	162
	12.85	391.09			516
Uran					
All Units	15.73	303.19	686	588	640
	15.73	303.19			640
Dabhol					
RGPPL	28.43	697.04	1193	1180	1200
	28.43	697.04			1200
Koyna					
Stage 1-2	3.42	112.34	400	35	600
Stage 4	2.99	250.81	274	0	250
Stage 3	1.39	77.02	206	0	320
	7.80	440.18			1170
Kovna 12&4 Total	6.41	363.16			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.40	11.87	37	0	36
VTRNA	1.46	8.98	61	60	60
TILLARI	0.54	11.25	60	0	60
BHTGR/VEER	0.43	10.63	18	17	10
BHIRA T.R.	0.23	5.15	81	0	80
RNGR+BHTSA	0.41	8.65	17	16	14
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	7.16	0	0	0
SMLHY PTN	1.10	21.48	54	42	20
GHATGHAR	1.79	44.66	195	0	0
	6.35	129.82			280
PENCH (MS)					
Pench (MS)	0.25	6.53	54	0	
	0.25	6.53			
Wind					
MalharPeth	0.09	2.59			
Vankuswadi	0.29	6.48			
ATIT	0.04	1.21			
Kale	0.13	2.49			
Satara	0.41	5.66			
Shirala	0.13	2.50			
K Mahankal	0.01	3.02			
Supa	0.03	2.08			
Vita	0.34	13.84			
Dondaicha	1.61	17.04			
Nandurbar	0.16	2.08			
Khandke	0.02	5.16			
Khaparale	0.11	2.89			
	3.38	67.06			
CPP					
JSW JAIGAD	13.86	183.46	605	500	550
WARDHA	4.33	93.97	234	160	200
Other CPPs	6.66	347.19			
	24.84	624.63			750
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.97	248.84	470	275	500
Trombay 6	5.08	105.88	370	150	500
Trombay 7A	2.96	70.86	126	120	120
Trombay 7B	1.61	38.32	68	65	60
Trombay 8	5.36	128.98	253	152	250
TATA Hydro	4.09	89.48	471	0	447
	29.06	682.36			1877
REL					
1&2	12.62	294.36	530	497	500
	12.62	294.36			500
Cent Sect					
Share					3581
					3581

MS PG CL	Thermal	127.48	2991.52			5611
	Thml+Gas	143.21	3294.72			6251
	Hydro	14.16	570.00			1450
	Total	157.36	3864.72			7701
State Total		256.22	6239.59			15609

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/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	5712	215	683	6610	1180	47	943	3211	2493	-115	-166	11107	0	11107	1509	12616	49.96
2	5700	220	684	6604	1182	27	951	3068	2317	-136	-134	10947	0	10947	1408	12355	50.02
3	5566	216	684	6466	1182	27	945	3021	2883	-86	-66	11437	19	11456	1360	12816	50.02
4	5443	221	679	6343	1183	26	970	3021	2763	-86	-60	11225	19	11244	1358	12602	50.05
5	5490	220	686	6396	1183	29	1042	3254	2954	-86	-71	11533	19	11552	1368	12920	50.04
6	5462	438	683	6583	1193	28	1083	3234	3184	-86	-101	11970	595	12006	1424	13989	49.82
7	5534	400	684	6618	1183	29	1047	3356	3177	-186	-196	11860	2122	11943	1601	15583	49.72
8	5457	641	685	6783	1182	25	1121	3299	3546	-236	-141	12542	2392	12895	1711	16645	49.79
9	5246	894	685	6825	1181	24	1137	3484	3659	-336	-334	12518	2546	13025	1953	17017	49.79
10	5238	1017	678	6933	1184	21	1151	3484	3636	-336	-337	12614	2594	13169	2305	17513	49.90
11	5195	851	663	6709	1183	17	1109	3537	3825	-386	-371	12472	2642	13061	2532	17646	49.92
12	5127	1025	650	6802	1182	24	1071	3539	4041	-478	-361	12759	2426	13185	2590	17775	49.81
13	5144	1151	651	6946	1185	42	1067	3642	3965	-386	-480	12725	2411	13136	2519	17655	49.85
14	5194	998	631	6823	1186	73	1046	3595	4052	-336	-428	12752	2367	13119	2435	17554	50.01
15	5184	867	640	6691	1186	140	1050	3590	4186	-336	-438	12815	2375	13172	2416	17606	49.90
16	5105	710	645	6460	1186	207	1038	3566	4392	-428	-453	12830	2289	13101	2452	17571	49.96
17	5127	675	646	6448	1186	286	1022	3590	4345	-428	-436	12851	2064	12915	2425	17340	50.06
18	5191	794	653	6638	1186	373	1024	3595	4381	-428	-438	13164	1983	13245	2362	17509	50.07
19	5278	954	647	6879	1186	366	1033	3529	3540	-386	-385	12633	3059	12680	2425	18117	49.92
20	5216	718	659	6593	1186	392	1060	3581	3582	-434	-429	12438	3515	12469	2463	18416	49.91
21	5234	398	626	6258	1186	414	1054	3529	3361	-380	-350	11975	3508	11999	2358	17841	49.88
22	5279	183	603	6065	1186	492	1021	3556	3258	-410	-374	11700	3484	11700	2153	17337	50.05
23	5163	173	588	5924	1186	315	941	3505	3258	-361	-327	11298	3236	11298	1905	16439	50.00
24	5196	177	593	5966	1186	230	919	3346	2646	-286	-236	10711	3232	10711	1759	15702	50.07
MUs	127.48	14.16	15.73	157.36	28.43	3.65	24.84	82.13	83.44	-7.15	-7.11	290.88	48.90	295.14	48.79	388.56	49.94

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 24/Feb/2011

Position as on 6.30 Hrs of 25/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
FORCED OUTAGE							
CPP WPCL U-1	135	23/02/2011	10.00		Continued.	Tripped.	
Nasik Unit 3	210	23/02/2011	18.23		Continued.	BLR T/L.	26/02/2011
Parli Unit 4	210	23/02/2011	23.09		Continued.	Due to HP CV3 Problem.	26/02/2011
Parli Unit 6	250	24/02/2011	18.58		Continued.	Bunkering Problem.	26/02/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Feb/2011

Position as on 6.30 Hrs of 25/Feb/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Koradi-Satpur	24/02/2011	07.56	24/02/2011	14.33	Maintenance work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - II	21/02/2011	23.15		Continued.	Over Voltage.
Kolhapur - Mapusa - II	23/02/2011	23.10	24/02/2011	09.38	Over Voltage.
Kolhapur - Mapusa - I	24/02/2011	23.03		Continued.	Over Voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Chandrapur - Parli - I	18/02/2011	16.45		Continued.	Replacement of Damaged Pivot & Take off Assembly of 29 D Isolator.(Ckt is on TBC)
400/220 KV 300 MVA ICT-I @ Koradi	19/02/2011	10.42		Continued.	For Releasing Air from Air Releasing Plugs of R Phase
400/220 KV 315 MVA ICT-II @ Lonikand	24/02/2011	08.10	24/02/2011	11.11	Red Hot LV Side Isolator.
Lonikand - Jejuri	24/02/2011	08.37		Continued.	Increasing height at crossing point,upto 03-03-2011.
Lonikand- Koyna Stage IV	24/02/2011	10.10		Continued.	Increasing height at crossing point,upto 03-03-2011.
Jejuri-Koyna STG-IV	24/02/2011	10.10	25/02/2011	00.21	Afterbunching.
400/6.9KV 80 MVA Stn T/F at Deepnagar.	24/02/2011	11.02	24/02/2011	16.26	R.M.Work.
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 Kept on Humming from 21.19 Hrs.
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
TBC @ Jalna	21/02/2011	11.15		Continued.	Breaker Overhauling Work Upto 26.02.11.
220/132 KV 150 MVA ICT-I @ Akola.	24/02/2011	00.43	24/02/2011	02.19	To attend oil leakage from LV bushing.
Main Bus - I @ Ghodbunder	24/02/2011	07.37	24/02/2011	18.36	Annual Maintenance work.
Kandalgaon - Dasturi	24/02/2011	09.10	24/02/2011	19.30	LA Replacement Work.
Khargar-Topworth	24/02/2011	09.22	24/02/2011	18.59	Replacement of Insulator.
Karad-Mudsingi-IV	24/02/2011	09.30	24/02/2011	15.36	Insulator string replacement.
Nasik-Padgha	24/02/2011	09.47	24/02/2011	17.47	CT Replacement Work.
220/7 KV 40MVA Stn.T/F-I @ C'Pur	24/02/2011	09.48	24/02/2011	11.43	Breaker testing work,(unit charged through TBC).

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Feb/2011

Position as on 6.30 Hrs of 25/Feb/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Lonikand-Bhosari	24/02/2011	09.50	24/02/2011	19.30	LA Replacement Work.
Warora-Hinganghat	24/02/2011	10.53	24/02/2011	18.06	To provide SPS Protection Scheme.
Chinchwad - Hinjewadi	24/02/2011	11.16	24/02/2011	17.33	Gantry erection for new T/F.
Kalwa-Mulund II	24/02/2011	12.25	24/02/2011	19.57	Alignment of 29 D Isolator.
220/7KV 40 MVA Main C.B. Stn T/F-II @ 220KV C'PUR	24/02/2011	15.35	24/02/2011	16.44	Breaker testing work,(unit charged through TBC).
220/132 KV 200 MVA ICT @ Kawlewada	24/02/2011	19.53	24/02/2011	18.21	Repair of Nitrogen Fire Protection system.
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 : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	23/02/2011	21.32	24/02/2011	05.17	Over Voltage.
Karad - Kolhapur - II	24/02/2011	00.02	24/02/2011	09.22	Over Voltage.
Karad - Kolhapur - I	24/02/2011	23.00		Continued.	Over Voltage.
Bhusawal- Aurangabad	24/02/2011	23.20		Continued.	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)
Aurangabad - Babaleshwar	23/02/2011	09.03	24/02/2011	21.20	To Control BBLSR ICT Loading.
Pusad-Parbhani	23/02/2011	10.58		Continued.	To Control Warora-Hinganghat line loading.
Bale-Usmanabad	23/02/2011	22.52	25/02/2011	04.33	To Control O/V.
Bale-Murud	23/02/2011	22.52		Continued.	To Control O/V.
Parli-Usmanabad	25/02/2011	04.30		Continued.	For Girvali ICT Loading.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Paras - Warwat Bakal	23/02/2011	23.22	24/02/2011	02.26	Due to Akola ICT-I outage.
Akola-Akola MIDC	23/02/2011	23.24	24/02/2011	02.22	Due to Akola ICT-I outage.
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		
Wardha-Abhijeet I	25/02/2011	00.48	25/02/2011	01.20	Wardha end only.
Wardha-Abhijeet II	25/02/2011	00.48		Continued.	R-Ph LA Burst.
Wardha - Yawatmal	25/02/2011	00.48		Continued.	R-Ph LA Burst.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 25/Feb/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	165
Unit 6	210	170
Unit 7	210	185
	620	520
Bhusawal		
Unit 2	210	190
Unit 3	210	200
Unit 4	500	
	920	390
Parli		
Unit 3	210	185
Unit 4	210	0
Unit 5	210	200
Unit 6	250	0
Unit 7	250	80
	1130	465
Chandrapur		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	200
Unit 4	210	185
Unit 5	500	480
Unit 6	500	470
Unit 7	500	400
	2340	2055
Paras		
Unit 3	250	240
Unit 4	250	230
	500	470
Khaparkheda		
Unit 1	210	210
Unit 2	210	210
Unit 3	210	210
Unit 4	210	210
Unit 5	500	
	1340	840
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	0
Unit 4	210	210
Unit 5	210	185
	870	575
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	37

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	10
BHIRA T.R.	80	80
RNGR+BHTSA	20	16
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	20
GHATGHAR	250	
	611	283
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	3545
	3143	3545