



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

State Load Dispatch Center, Airoli

Daily system Report

for

04/Feb/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 04/Feb/2011 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	123.074	478.647	1) Madhya Pradesh	45.471	182.217
2) Hydro	22.348	115.110	2) Gujrat	26.734	106.914
3) Gas	12.408	59.629	3) Goa	-6.055	-24.802
Total MSGENCO	157.830	653.386	4) TAPS 1&2 (Inj.)	7.803	29.659
B) OTHERS			5) Pench (Excess)	-0.161	-1.300
1) RGPPL Gas	31.298	117.817	# Total Cent. Sector	73.792	292.688
2) Wind Generation	1.776	11.446	F) Other Exchanges		
3) CPP	27.412	102.048	1) With TPCL (Excess)	-4.682	-19.006
4) PENCH (MS)	0.161	1.300	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	18.803	72.506
1) TPCL Thermal	25.492	97.403	Include PX	0.000	0.000
2) TPCL Hydro	5.463	22.677	2) MUMBAI Bilateral	4.665	18.079
TOTAL TPCL	30.955	120.080	Include PX	-1.088	-4.481
3) REL Thermal	12.667	50.740	3) MUMBAI Schedule	4.665	18.079
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	161.233	626.790	1) MSEDCL	287.587	1159.679
2) Hydro (A2+B3+C2)	27.972	139.087	2) TPCL	32.514	127.624
3) Gas (A3+B1)	43.706	177.446	3) REL	15.788	62.196
4) Wind (B2)	1.776	11.446	TOTAL STATE	335.889	1349.499
5) CPP (B3)	27.412	102.048			
TOTAL STATE	262.099	1056.817			

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	5133	5305	4840
MSGENCO Hydro	2087	904	128
MSGENCO Gas	501	495	518
MSGENCO Total Generation	7721	6704	5486
Central Sector Receipt	3116	3470	2737
RGPPL	1319	1292	1327
WIND	38	60	129
CPP	1209	1208	1030
Exchange with Mumbai	-291	-429	44
MSEDCL DEMAND MET	13112	12331	10753
Load Shedding (LS)	503	0	0
MSEDCL DEMAND (INCL. LS)	13615	12331	10753
TPCL GENERATION	1485	1520	926
REL GENERATION	524	528	529
TPCL+REL DEMAND	2300	2477	1411
STATE DEMAND MET	15412	14808	12164
Load Management (LM)	2247	3964	0
Total Load Relief (LS+LM)	2750	3964	0
UNRESTRICTED STATE DEMAND	18162	18772	12164
Frequency (Hz)	49.69	49.72	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.39 Hz at 18:01 Hrs	49.15 Hz at 14:16 Hrs	49.73	.27 % 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 04/Feb/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1			0	0	
Unit 2			0	0	
Unit 3			0	0	
Unit 4			0	0	
Unit 5	3.65	15.44	158	143	160
Unit 6	0.00	0.00	0	0	0
Unit 7	3.84	16.60	170	145	160
	7.49	32.04			320
Bhusawal					
Unit 1		0.00	0	0	
Unit 2	4.42	17.30	190	175	200
Unit 3	4.64	18.76	205	175	200
	9.05	36.06			400
Parli					
Unit 1			0	0	
Unit 2			0	0	
Unit 3	3.81	15.58	178	130	160
Unit 4	3.97	14.45	186	57	190
Unit 5	0.00	13.07	0	0	0
Unit 6	5.71	22.57	247	224	240
Unit 7	5.47	20.88	248	208	220
	18.96	86.54			810
Chandrapur					
Unit 1	3.72	14.80	160	150	160
Unit 2	3.83	14.99	167	150	160
Unit 3	1.68	4.76	172	0	0
Unit 4	4.29	16.47	196	123	180
Unit 5	11.48	45.34	490	460	475
Unit 6	11.40	38.55	485	465	470
Unit 7	11.55	45.74	485	469	480
	47.94	180.65			1925
Paras					
Unit 2			0	0	
Unit 3	3.58	3.58	220	0	120
Unit 4	4.65	15.58	217	168	230
	8.24	19.17			350
Khaparkheda					
Unit 1	5.00	19.44	215	195	210
Unit 2	4.78	18.84	206	190	210
Unit 3	5.14	18.50	218	201	210
Unit 4	0.00	0.00	0	0	0
	14.92	56.77			630
Nasik					
Unit 1	1.74	7.96	88	55	90
Unit 2	2.12	8.70	97	79	90
Unit 3	4.26	17.12	195	130	190
Unit 4	4.53	17.63	209	167	210
Unit 5	3.82	16.00	185	133	200
	16.47	67.42			780
Koyna					
Stage 1-2	5.49	25.44	520	35	600
Stage 4	8.60	54.06	1030	0	250
Stage 3	3.44	17.30	240	0	240
	17.53	96.81			1090
Kovna 12&4 Total	14.09	79.50			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		12.41	59.63	677	475	510
		12.41	59.63			510
Hydro						
KDPH		0.46	1.63	19	18	19
VTRNA		0.00	0.00	0	0	0
TILLARI		0.48	1.91	60	0	60
BHTGR/VEER		0.43	1.39	18	17	5
BHIRA T.R.		0.36	1.45	82	0	80
RNGR+BHTSA		0.37	1.42	16	15	15
BHANDARDRA		0.00	0.00	0	0	0
ELDARY		0.00	0.00	0	0	0
SMLHY PTN		0.81	3.13	41	30	12
GHATGHAR		1.91	7.37	250	0	0
		4.82	18.30			191
PENCH (MS)						
Pench (MS)		0.16	1.30	45	0	
		0.16	1.30			
Wind						
MalharPeth		0.06	0.47			
Vankuswadi		0.22	1.25			
ATIT		0.02	0.16			
Kale		0.10	0.49			
Satara		0.35	1.38			
Shirala		0.10	0.54			
K Mahankal		0.02	0.72			
Supa		0.04	0.22			
Vita		0.37	2.73			
Dondaicha		0.22	1.87			
Sakri		0.03	0.28			
Nandurbar		0.02	0.13			
Khandke		0.11	0.86			
Khaparale		0.12	0.34			
		1.78	11.45			
CPP						
TOTAL CPP		27.41	102.05			590
		27.41	102.05			590
Dabhol						
RGPPL		31.30	117.82	1330	1272	1250
		31.30	117.82			1250
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		10.88	43.96	490	300	500
Trombay 6		4.32	16.65	260	150	500
Trombay 7A		2.90	10.77	127	113	100
Trombay 7B		1.61	5.76	69	65	60
Trombay 8		5.78	20.26	242	230	250
TATA Hydro		5.46	22.68	459	0	447
		30.96	120.08			1857
REL						
1&2		12.67	50.74	531	510	500
		12.67	50.74			500
Cent Sect						
Share						3519
						3519
MS PG CL	Thermal	123.07	478.65			5215
	Thml+Gas	135.48	538.28			5725
	Hydro	22.35	115.11			1281
	Total	157.83	653.39			7006
State Total		262.10	1056.82			14722

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/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	4712	136	527	5375	1317	104	1020	3002	2327	-23	-22	10126	1088	10126	1536	12750	49.74
2	4840	128	518	5486	1327	129	1030	2967	2737	21	44	10753	0	10753	1411	12164	49.98
3	4888	123	519	5530	1327	139	1034	2919	2823	71	87	10940	374	10940	1337	12651	49.85
4	4861	175	520	5556	1327	132	1029	2919	2952	71	96	11092	1524	11092	1318	13934	49.90
5	4882	553	521	5956	1327	125	1020	2919	2917	71	80	11425	1614	11425	1336	14375	49.62
6	5017	1161	521	6699	1330	117	1030	2784	2616	207	157	11949	1838	12066	1368	15155	49.62
7	5164	1398	521	7083	1328	132	1198	3069	2798	52	14	12553	2474	12780	1590	16617	49.61
8	5169	1641	522	7332	1330	90	1214	3156	2895	-39	-53	12808	2548	13109	1703	17059	49.69
9	5120	1962	514	7596	1325	59	1184	3318	3187	-225	-239	13112	2565	13430	1953	17630	49.68
10	5133	2087	501	7721	1319	38	1209	3501	3116	-295	-291	13112	2750	13615	2300	18162	49.69
11	5145	1438	493	7076	1300	39	1216	3685	3335	-355	-361	12605	3064	13365	2467	18136	49.62
12	5184	1148	478	6810	1289	43	1197	3709	3473	-379	-387	12425	3071	13119	2546	18042	49.65
13	5211	1242	475	6928	1280	53	1201	3709	3665	-379	-387	12740	2864	13227	2498	18102	49.61
14	5172	1043	479	6694	1276	43	1199	3637	3583	-306	-314	12481	2797	12901	2380	17658	49.65
15	5197	1320	475	6992	1272	40	1222	3516	3262	-306	-315	12473	2767	12844	2418	17658	49.61
16	5227	1444	478	7149	1273	36	1217	3419	3243	-330	-335	12583	2785	12972	2422	17790	49.60
17	5244	1450	484	7178	1280	53	1218	3395	3139	-306	-324	12544	2753	12923	2410	17707	49.74
18	5318	1354	493	7165	1287	76	1215	3395	3239	-306	-324	12658	2768	13073	2368	17794	49.84
19	5338	879	492	6709	1291	90	1213	3386	3303	-434	-416	12204	3597	12430	2428	18229	49.82
20	5305	904	495	6704	1292	60	1208	3527	3470	-452	-429	12331	3964	12331	2477	18772	49.72
21	5262	399	515	6176	1291	52	1191	3428	3255	-319	-310	11700	3964	11700	2300	17964	49.64
22	5249	125	563	5937	1302	38	1061	3353	3188	-240	-230	11341	3963	11341	2111	17415	49.88
23	5229	122	627	5978	1301	33	1052	3301	2972	-301	-282	11080	3437	11080	1893	16410	49.76
24	5207	116	677	6000	1307	55	1034	3033	2297	-162	-141	10552	1185	10552	1734	13471	49.89
MUs	123.07	22.35	12.41	157.83	31.30	1.78	27.41	79.05	73.79	-4.67	-4.68	287.59	59.75	293.19	48.30	395.64	49.73

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 04/Feb/2011

Position as on 6.30 Hrs of 05/Feb/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Koradi Unit 6	210	26/12/2010	09.23		Continued.	Annual Overhaul.	06/02/2011
Khaparkheda Unit 4	210	03/01/2011	15.26		Continued.	Capital Overhaul.	07/02/2011
Dabhol 3B	230	04/01/2011	16:44		Continued.	Rehabilitation work.	05/03/2011
Koyna Unit 11	80	13/01/2011	07.45		Continued.	Retrofitting work of excitation system.	13/02/2011
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							
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Uran Unit 3	60	16/06/2010	19.52		Continued.	R.M.Work.	
Paras Unit 3	250	31/01/2011	20:42	04/02/2011	04.53	Boiler Tube Leakage.	
Chandrapur Unit 3	210	01/02/2011	20.35	04/02/2011	08.56	Boiler Tube Leakage.	
Parli Unit 5	210	03/02/2011	22.00		Continued.	BLR T/L.	06/02/2011
Uran Unit 5	108	04/02/2011	00.19	04/02/2011	20.21	Filter replacement.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Feb/2011

Position as on 6.30 Hrs of 05/Feb/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - I	03/02/2011	22.42	04/02/2011	05.19	Over Voltage.
Dhule-Sar'Sarovar - I	03/02/2011	22.44		Continued.	Over Voltage.
Kolhapur - Mapusa - I	03/02/2011	23.24	04/02/2011	10.05	Over Voltage.
Kolhapur - Mapusa - II	04/02/2011	23.11		Continued.	Over Voltage
Akola - Wardha - II	04/02/2011	23.14		Continued.	Over Voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Chandrapur - Parli - II	04/02/2011	08.31	04/02/2011	13.59	Repl.of damaged Corona Ring
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/110KV 100 MVA T/F-III @ Mudshingi	26/10/2010	11.40		Continued.	Augmentation by 200MVA ICT(Charged at 17:20Hrs on dated 04/02/2011 & kept on Humming.)
220/100KV 125 MVA ICT-III @ Kalwa	14/12/2010	08.39		Continued.	For Augumentation from 125MVA to 200MVA (up to 10/2/11)
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
220/132 KV 100 MVA ICT-II @ Babaleshwar	25/12/2010	12:15		Continued.	Augmentation by 200MVA ICT(charged at 18.00Hrs on 4/2/11.kept on Humming)
220/132KV 100 MVA ICT-I @Padegaon	26/12/2010	13.30	04/02/2011	19.59	Main Breaker Replacement,ICT on TBC
220/132 KV 100 MVA ICT-II @ Bhusawal	02/01/2011	08.58		Continued.	Repl.of 100 MVA By 200 MVA ICT(charged at 16.36Hrs on 4/2/11.Kept on Humming)
220/100 KV125 MVA ICT-III @Trombay	06/01/2011	12.03		Continued.	Augmentation by New 200 MVA ICT up to 20.03.2011.
Mahape-Tifil	19/01/2011	10.07		Continued.	Dismantalling and erection of MC tower and stringing of conductor.
220/100KV,100 MVA T/F-I at Jambhul	22/01/2011	11.30		Continued.	For Dismantaling 100MVA T/F-I under JICA scheme
220/132 KV, 100 MVA ICT - II @ Beed.	24/01/2011	07.00		Continued.	Repl.of 100MVA ICT by 200MVA(up to 11/2/11)
220/132KV 50MVA ICT-I @Peth	04/02/2011	08.45		Continued.	Augmentation by 100MVA ICT(upto 10/02/2011).
Aurangabad - Padegaon - I.	04/02/2011	10.25	04/02/2011	18.54	Strengthening of Jumper at Cut point locations
220/110KV 100MVA T/F-III at Miraj	04/02/2011	20.10	05/02/2011	00.25	To attend Y phase CT leakage
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Giravali-Parli-I	04/02/2011	11.41		Continued.	Breaker replacement
Voltage Level : 132KV			Outage Type FORCED OUTAGE		
Kanhan - Bhandara	04/02/2011	18.28		Continued.	To attend Low Pressure Alarm(Ckt on TBC)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	03/02/2011	21.59	04/02/2011	04.54	Over Voltage.
Karad - Kolhapur - II	03/02/2011	22.24	04/02/2011	07.00	Over Voltage.
Bhusawal- Aurangabad	04/02/2011	21.21	05/02/2011	04.23	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Babaleshwar - Bhenda	10/01/2011	09.30		Continued.	To Control Babaleshwar ICT Load.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Feb/2011

Position as on 6.30 Hrs of 05/Feb/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Alephata-Kathapur	14/01/2011	14.08		Continued.	To Control LNKD ICT Load.
Dhule-Chalisgaon	18/01/2011	15.53		Continued.	To control O/L Dhule ICT's,From Dt. 22/01 opportunity outage taken for repl.of Line Isolator Work.
Aurangabad - Babaleshwar	29/01/2011	18.56		Continued.	To control BBLSR ICT loading
Chandrapur-Warora - I	01/02/2011	00.39		Continued.	To Control Line Loading of 220KV Warora-Hinganghat.
Bhugaon - IIPL	03/02/2011	20.00		Continued.	H/T.
220/100KV, 200MVA T/F-IV at Kalwa	04/02/2011	20.35		Continued.	H/T from LV side due to formation of gas
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Kalwa - Salshet - I	12/01/2011	13.46		Continued.	H/T from Kalwa end
Voltage Level : 400KV			Outage Type TRIPPED		
Karad-Kolhapur-II	04/02/2011	18.02		Continued.	Over Voltage
400/220 KV 315 MVA ICT @ Khadka	04/02/2011	21.46	04/02/2011	21.59	Tripped during Testing of Bus Bar Prot.Scheme
Voltage Level : 220KV			Outage Type TRIPPED		
220/7 KV 35 MVA Stn.T/F-II @ Parly	19/01/2011	16.10		Continued.	LV side E/F fire in Aux.Dist.box due to burning of 2 No.feeder.
220/132KV,200 MVA T/F-I At Nagar	04/02/2011	13.43	04/02/2011	14.02	O/C ,E/F prot.operated
Babaleshwar - Nagar - I	04/02/2011	14.24	04/02/2011	14.31	Tripped due to Load Trimming operated at 400KV BBLSR S/stn.
Babaleshwar - Nagar - II	04/02/2011	14.24	04/02/2011	14.40	Tripped due to Load Trimming operated at 400KV BBLSR S/stn.
Voltage Level : 132KV			Outage Type TRIPPED		
A'nagar - Ashti	04/02/2011	13.43	04/02/2011	14.03	Tripped
A'nagar - Supa	04/02/2011	13.43	04/02/2011	14.04	Tripped
A'nagar - MIDC	04/02/2011	13.43	04/02/2011	14.05	Tripped

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 05/Feb/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	
Unit 2	105	
Unit 3	105	
Unit 4	105	
Unit 5	200	160
Unit 6	210	0
Unit 7	210	170
	1040	330
Bhusawal		
Unit 1	58	
Unit 2	210	200
Unit 3	210	180
	478	380
Parli		
Unit 1	30	
Unit 2	30	
Unit 3	210	178
Unit 4	210	187
Unit 5	210	0
Unit 6	250	245
Unit 7	250	215
	1190	825
Chandrapur		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	180
Unit 4	210	180
Unit 5	500	475
Unit 6	500	475
Unit 7	500	480
	2340	2110
Paras		
Unit 2	55	
Unit 3	250	200
Unit 4	250	200
	555	400
Khaparkheda		
Unit 1	210	210
Unit 2	210	185
Unit 3	210	210
Unit 4	210	0
	840	605
Nasik		
Unit 1	120	71
Unit 2	120	81
Unit 3	210	172
Unit 4	210	192
Unit 5	210	182
	870	698
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Uran		
All Units	852	640

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	640
Hydro		
KDPH	40	19
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	18
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	11
GHATGHAR	250	0
	611	203
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	
Khandke	0	
Khaparale	0	
	0	
CPP		
TOTAL CPP	0	590
	0	590
Dabhol		
RGPPL	960	1250
	960	1250
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	3543
	3143	3543

	17376	7 of 7	15041
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