



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

State Load Dispatch Center, Airoli

Daily system Report

for

07/Feb/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 07/Feb/2011 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	125.495	853.612	1) Madhya Pradesh	49.204	321.566
2) Hydro	26.192	196.069	2) Gujrat	32.313	198.769
3) Gas	11.838	96.211	3) Goa	-6.340	-43.368
Total MSGENCO	163.525	1145.892	4) TAPS 1&2 (Inj.)	7.876	53.378
B) OTHERS			5) Pench (Excess)	-0.076	-1.976
1) RGPPL Gas	28.664	206.349	# Total Cent. Sector	82.977	528.369
2) Wind Generation	2.899	20.372	F) Other Exchanges		
3) CPP	24.669	179.610	1) With TPCL (Excess)	-5.182	-30.927
4) PENCH (MS)	0.076	1.976	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	15.272	122.965
1) TPCL Thermal	25.772	172.264	Include PX	0.000	0.000
2) TPCL Hydro	3.558	29.893	2) MUMBAI Bilateral	5.733	31.253
TOTAL TPCL	29.330	202.157	Include PX	0.060	-7.382
3) REL Thermal	12.696	88.829	3) MUMBAI Schedule	5.733	31.253
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	163.963	1114.705	1) MSEDCL	297.628	2051.641
2) Hydro (A2+B3+C2)	29.826	227.938	2) TPCL	31.451	215.306
3) Gas (A3+B1)	40.502	302.560	3) REL	15.755	106.597
4) Wind (B2)	2.899	20.372	TOTAL STATE	344.834	2373.544
5) CPP (B3)	24.669	179.610			
TOTAL STATE	261.859	1845.185			

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	5240	5501	4936
MSGENCO Hydro	1422	1191	145
MSGENCO Gas	487	502	498
MSGENCO Total Generation	7149	7194	5579
Central Sector Receipt	4175	3638	2698
RGPPL	1231	1244	1220
WIND	63	177	148
CPP	1030	1041	985
Exchange with Mumbai	-358	-483	-63
MSEDCL DEMAND MET	13290	12848	10567
Load Shedding (LS)	912	91	0
MSEDCL DEMAND (INCL. LS)	14202	12939	10567
TPCL GENERATION	1591	1390	775
REL GENERATION	529	529	529
TPCL+REL DEMAND	2478	2402	1367
STATE DEMAND MET	15768	15250	11934
Load Management (LM)	2017	3616	0
Total Load Relief (LS+LM)	2929	3707	0
UNRESTRICTED STATE DEMAND	18697	18957	11934
Frequency (Hz)	49.92	49.99	50.09

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.52 Hz at 05.03 Hrs	49.42 Hz at 06.39 Hrs	49.94	0 % of Time(min)

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

Shift Engineer

Shift Incharge

State Load Dispatch Center, Airoli (MSETCL)

Daily and Progressive Generation, Maximum, Minimum, OLC Details for 07/Feb/2011

Generating unit	Generation				OLC (MW)	Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)			Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi						Uran					
Unit 1			0	0		All Units	11.84	96.21	505	476	470
Unit 2			0	0			11.84	96.21			470
Unit 3			0	0		Hydro					
Unit 4			0	0		KDPH	0.45	3.00	19	18	19
Unit 5	3.92	26.98	173	150	180	VTRNA	0.00	0.00	0	0	0
Unit 6	0.06	0.06	42	0	0	TILLARI	0.52	3.36	60	0	60
Unit 7	4.33	29.44	200	145	200	BHTGR/VEER	0.43	2.40	18	18	5
	8.32	56.47			380	BHIRA T.R.	0.14	2.08	55	0	80
Bhusawal						RNGR+BHTSA	0.38	2.56	16	16	16
Unit 1		0.00	0	0		BHANDARDRA	0.00	0.00	0	0	0
Unit 2	4.00	30.12	190	150	200	ELDARY	0.42	0.69	22	11	0
Unit 3	4.23	32.05	200	145	200	SMLHY_PTN	0.86	5.54	42	32	12
	8.23	62.18			400	GHATGHAR	1.92	13.41	250	0	0
Parli							5.12	33.04			192
Unit 1			0	0		PENCH (MS)					
Unit 2			0	0		Pench (MS)	0.08	1.98	37	0	
Unit 3	4.22	28.26	192	155	180		0.08	1.98			
Unit 4	4.07	27.05	192	135	180	Wind					
Unit 5	1.60	14.67	172	0	0	MalharPeth	0.05	0.97			
Unit 6	4.97	38.16	249	167	200	Vankuswadi	0.13	2.37			
Unit 7	5.61	36.34	260	200	230	ATIT	0.02	0.40			
	20.47	144.48			790	Kale	0.03	0.88			
Chandrapur						Satara	0.03	2.37			
Unit 1	3.36	25.10	159	115	160	Shirala	0.03	0.93			
Unit 2	3.71	25.97	165	142	160	K Mahankal	0.02	0.87			
Unit 3	3.61	16.42	194	0	160	Supa	0.02	0.33			
Unit 4	4.16	28.81	190	151	170	Vita	0.17	4.28			
Unit 5	11.50	79.74	490	450	475	Dondaicha	1.59	3.95			
Unit 6	10.53	71.58	485	338	475	Sakri	0.31	0.69			
Unit 7	10.34	78.44	462	338	470	Nandurbar	0.21	0.41			
	47.22	326.06			2070	Khandke	0.20	1.33			
Paras						Khaparale	0.10	0.61			
Unit 2			0	0			2.90	20.37			
Unit 3	5.61	20.01	250	214	240	CPP					
Unit 4	5.13	29.95	236	183	240	TOTAL CPP	24.67	179.61			475
	10.75	49.96			480		24.67	179.61			475
Khaparkheda						Dabhol					
Unit 1	4.94	33.90	210	190	210	RGPPPL	28.66	206.35	1252	703	1250
Unit 2	4.77	32.88	204	183	210		28.66	206.35			1250
Unit 3	4.97	33.80	216	193	210	Tata					
Unit 4	0.00	0.00	0	0	0	Trombay 4	0.00	0.00	0	0	0
	14.68	100.58			630	Trombay 5	10.66	76.37	490	280	500
Nasik						Trombay 6	4.88	28.84	370	150	500
Unit 1	2.06	13.95	96	68	81	Trombay 7A	3.01	19.71	128	120	120
Unit 2	1.73	14.70	89	0	81	Trombay 7B	1.64	10.64	69	68	60
Unit 3	4.28	29.50	190	170	182	Trombay 8	5.59	36.71	250	150	250
Unit 4	4.68	31.27	210	180	192	TATA Hydro	3.56	29.89	440	0	447
Unit 5	3.06	24.46	193	0	0		29.33	202.16			1877
	15.82	113.89			536	REL					
Koyna						1&2	12.70	88.83	530	528	500
Stage 1-2	5.11	41.90	535	40	600		12.70	88.83			500
Stage 4	12.29	92.36	1111	0	250	Cent Sect					
Stage 3	3.67	28.78	240	0	240	Share					3467
	21.07	163.03			1090						3467
Koyna 12&4 Total						MS PG CL					
	17.40	134.25			850	Thermal	125.50	853.61			5286
						Thml+Gas	137.33	949.82			5756
						Hydro	26.19	196.07			1282
						Total	163.52	1145.89			7038
						State Total	261.86	1845.18			14607

State Load Dispatch Center, Airoli (MSETCL)

Hourly Load Data As on 07/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	4986	150	493	5629	1220	107	988	2884	2738	-49	-28	10654	0	10654	1501	12155	50.01
2	4936	145	498	5579	1220	148	985	2923	2698	-92	-63	10567	0	10567	1367	11934	50.09
3	4975	145	495	5615	1217	153	1032	2875	2869	-42	-3	10883	0	10883	1308	12191	50.11
4	4984	156	495	5635	1218	143	996	2846	3249	-18	31	11272	1085	11272	1274	13631	50.11
5	5009	377	496	5882	1217	171	1004	2835	3134	-18	43	11451	1523	11451	1293	14267	49.94
6	5108	435	495	6038	1215	141	1007	2625	3375	183	197	11973	1777	11973	1359	15109	50.00
7	5214	1440	495	7149	1225	136	1045	2876	2722	4	15	12292	1935	12292	1544	15771	49.65
8	5299	1825	495	7619	1209	91	1045	2954	3291	-63	-52	13203	2131	13399	1652	16986	49.82
9	5314	2054	496	7864	1187	40	1031	3108	3324	-222	-201	13245	2619	13929	1916	17780	49.88
10	5271	2106	498	7875	1185	32	1037	3304	3451	-292	-275	13305	2815	14187	2198	18318	49.79
11	5236	1691	492	7419	1226	38	1042	3512	3663	-376	-357	13031	3011	14071	2402	18444	49.87
12	5240	1422	487	7149	1231	63	1030	3512	4175	-376	-358	13290	2929	14202	2478	18697	49.92
13	5224	1468	478	7170	1230	139	1041	3513	4172	-376	-365	13387	2698	14068	2421	18506	49.79
14	5241	1484	478	7203	1228	89	1037	3466	4186	-327	-317	13426	2447	13856	2343	18216	49.92
15	5313	1883	476	7672	1228	132	1041	3346	3596	-327	-316	13353	2557	13875	2372	18282	49.83
16	5224	1961	480	7665	1228	131	1039	3220	3653	-327	-353	13363	2537	13865	2406	18306	49.88
17	5318	1853	485	7656	1228	157	1036	3216	3800	-327	-312	13565	2455	14000	2390	18410	49.99
18	5411	1661	494	7566	1224	163	1043	3212	3961	-327	-314	13643	2503	14134	2293	18439	50.00
19	5459	1560	495	7514	1226	172	1042	3165	3582	-406	-390	13157	3205	13289	2307	18669	49.94
20	5501	1191	502	7194	1244	177	1041	3380	3638	-503	-483	12848	3707	12939	2402	18957	49.99
21	5413	671	504	6588	1252	143	1044	3403	3972	-527	-501	12526	3675	12585	2304	18505	50.13
22	5321	214	505	6040	1246	79	1044	3335	3446	-454	-419	11436	3616	11436	2110	17162	50.09
23	5267	150	505	5922	1057	120	1007	3148	3416	-318	-265	11257	3154	11257	1878	16289	49.89
24	5231	150	501	5882	703	134	1012	2865	2866	-155	-96	10501	3143	10501	1690	15334	50.02
MUs	125.50	26.19	11.84	163.52	28.66	2.90	24.67	75.52	82.98	-5.73	-5.18	297.63	55.52	304.68	47.21	400.36	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 07/Feb/2011

Position as on 6.30 Hrs of 08/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	07/02/2011	22.15	Annual Overhaul.	
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
Uran Unit 6	108	05/02/2011	11.28		Continued.	Stator Earth Fault	02/03/2011
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.	
Parli Unit 5	210	03/02/2011	22.00	07/02/2011	09.01	BLR T/L.	
Cent_Sect KARPR1	220	06/02/2011	00.08		Continued.	Moderator pump tripped	
Nasik Unit 5	210	06/02/2011	10.10	07/02/2011	05.50	Heavy steam leakage at PRDS Intake Drain line	
Chandrapur Unit 3	210	06/02/2011	23.51	07/02/2011	03.25	Low Drum Level	
Nasik Unit 2	125	07/02/2011	01.05	07/02/2011	02.05	Low Vaccume	
Dabhol 1A	230	07/02/2011	22.40		Continued.	Trip on Electrical Fault.	
Dabhol 1B	230	07/02/2011	22.40		Continued.	Trip on Electrical Fault.	
Dabhol 1X	290	07/02/2011	22.40		Continued.	Trip on Electrical Fault.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Feb/2011

Position as on 6.30 Hrs of 08/Feb/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule - S'Sarovar- II	06/02/2011	18.21	07/02/2011	07.43	For observation of CSR 1 Pannel.
Kolhapur-Mapusa-II	06/02/2011	22.58	07/02/2011	11.32	Over Voltage
Wardha - Akola - I	07/02/2011	21.37		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-S'Sarovar I	06/02/2011	18.40		Continued.	Shunt Reactor pannel problem
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220KV 315MVA ICT-III at Karad.	06/02/2011	09.59		Continued.	CT replacement up to 08/2/11
400/220/33 KV 315 MVA ICT - I @ Akola	07/02/2011	08.29	07/02/2011	21.22	Tan d measurment ,Q.M.OF ICT-I & Bushing
Karad - Kolhapur - I	07/02/2011	10.10		Continued.	Retrofitting & Commissioning Work.
Main Bus- I @ Dhule	07/02/2011	10.55	07/02/2011	21.25	Annual Bus Bar Scheme Testing.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/110KV 100 MVA T/F-III @ Mudshingi	26/10/2010	11.40	07/02/2011	15.15	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.)
220/100 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.
220/132KV 50MVA ICT-I @Peth	04/02/2011	08.45		Continued.	Augmentation by 100MVA ICT(upto 10/02/2011).
Parly - New Parly TPS - II	07/02/2011	10.40		Continued.	Erection of Unavailable Isolators of Main Bus-I & Aux.Bus.
220/110 KV 100 MVA T/F - II @ Mudshingi	07/02/2011	15.12		Continued.	Augmentation by 200 MVA.
220/132 KV 200 MVA ICT - I @ Babaleshwar	07/02/2011	20.15	07/02/2011	22.00	To Attend Red Hot.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Giravali-Parli-I	04/02/2011	11.41		Continued.	Breaker replacement
Amravati - Morshi	07/02/2011	09.50	07/02/2011	13.15	Attending Oil Leakage of 132KV B Ph.CT.,Replacement of LMU.
Bus @ Tamsa	07/02/2011	11.30	07/02/2011	12.20	Replacement of 132KV Bus Isolator.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bableshwar-Aurangabad	06/02/2011	22.06	07/02/2011	03.19	Over Voltage
Bhusawal- Aurangabad	08/02/2011	03.30	08/02/2011	04.13	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Babaleshwar - Bhenda	10/01/2011	09.30		Continued.	To Control Babaleshwar ICT Load.
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.
Chandrapur-Warora - I	01/02/2011	00.39		Continued.	To Control Line Loading of 220KV Warora-Hinganghat.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Feb/2011

Position as on 6.30 Hrs of 08/Feb/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Bhugaon - IIPL	03/02/2011	20.00		Continued.	H/T.
BBLSR-Waluj	06/02/2011	09.28		Continued.	To control BBLSR ICT Loading
220/100KV, 200MVA T/F-IV at Kalwa	06/02/2011	20.32		Continued.	For Thermovision inspection
Borivali-Mulund	06/02/2011	22.17		Continued.	From Borivali end for strengthing Mumbai system
Kalwa - Borivali	06/02/2011	22.51		Continued.	From Kalwa end strengthing Mumbai system
Voltage Level : 100KV					
Outage Type HAND TRIPPED					
Kalwa - Salsette - II	04/02/2011	17.14		Continued.	H/T From Kalwa end.
Voltage Level : 400KV					
Outage Type TRIPPED					
Karad - Kolhapur - II	08/02/2011	00.01	08/02/2011	03.53	Over Voltage.
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.
Bableshtar - Ahemednagar - I	07/02/2011	14.02	07/02/2011	14.05	Load Trimming Scheme Operated.
Babaleshtar - Nagar - II	07/02/2011	14.02	07/02/2011	14.16	Load Trimming Scheme Operated.

State Load Dispatch Center, Airoli (MSETCL)

Details of On Line Capacity for 08/Feb/2011

Generating unit	Derated Capacity (MW)	OLC (MW)	Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi				852	470
Unit 1	105		Hydro		
Unit 2	105		KDPH	40	18
Unit 3	105		VTRNA	60	0
Unit 4	105		TILLARI	60	60
Unit 5	200	170	BHTGR/VEER	21	6
Unit 6	210	50	BHIRA T.R.	80	80
Unit 7	210	180	RNGR+BHTSA	20	16
	1040	400	BHANDARDRA	45	0
Bhusawal			ELDARY	23	0
Unit 1	58		SMLHY_PTN	12	23
Unit 2	210	170	GHATGHAR	250	0
Unit 3	210	200		611	203
	478	370	PENCH (MS)		
Parli			Pench (MS)	53	
Unit 1	30			53	
Unit 2	30		Wind		
Unit 3	210	175	MalharPeth	0	
Unit 4	210	165	Vankuswadi	0	
Unit 5	210	180	ATIT	0	
Unit 6	250	235	Kale	0	
Unit 7	250	210	Satara	0	
	1190	965	Shirala	0	
Chandrapur			K Mahankal	0	
Unit 1	210	160	Supa	0	
Unit 2	210	160	Vita	0	
Unit 3	210	200	Dondaicha	0	
Unit 4	210	180	Sakri	0	
Unit 5	500	475	Nandurbar	0	
Unit 6	500	350	Khandke	0	
Unit 7	500	480	Khaparale	0	
	2340	2005		0	
Paras			CPP		
Unit 2	55		TOTAL CPP	0	515
Unit 3	250	220		0	515
Unit 4	250	220	Dabhol		
	555	440	RGPPL	960	1250
Khaparkheda				960	1250
Unit 1	210	210	Tata		
Unit 2	210	210	Trombay 4	150	0
Unit 3	210	210	Trombay 5	500	500
Unit 4	210	0	Trombay 6	500	500
	840	630	Trombay 7A	120	120
Nasik			Trombay 7B	60	60
Unit 1	120	90	Trombay 8	250	250
Unit 2	120	90	TATA Hydro	444	447
Unit 3	210	180		2024	1877
Unit 4	210	190	REL		
Unit 5	210	180	1&2	500	500
	870	730		500	500
Koyna			Cent Sect		
Stage 1-2	600	600	Share	3143	3479
Stage 4	1000	250		3143	3479
Stage 3	320	240			
	1920	1090			
Uran					
All Units	852	470			
				17376	14924