



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

State Load Dispatch Center, Airoli

Daily system Report

for

06/Feb/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 06/Feb/2011 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	124.234	728.117	1) Madhya Pradesh	46.163	272.362
2) Hydro	28.023	169.877	2) Gujrat	29.081	166.456
3) Gas	11.731	84.373	3) Goa	-5.930	-37.028
Total MSGENCO	163.988	982.367	4) TAPS 1&2 (Inj.)	7.932	45.502
B) OTHERS			5) Pench (Excess)	-0.321	-1.900
1) RGPPL Gas	30.120	177.685	# Total Cent. Sector	76.925	445.392
2) Wind Generation	3.016	17.473	F) Other Exchanges		
3) CPP	26.182	154.941	1) With TPCL (Excess)	-1.897	-25.745
4) PENCH (MS)	0.321	1.900	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	17.679	107.693
1) TPCL Thermal	24.487	146.492	Include PX	0.000	0.000
2) TPCL Hydro	0.000	26.335	2) MUMBAI Bilateral	2.202	25.519
TOTAL TPCL	24.487	172.827	Include PX	-2.542	-7.443
3) REL Thermal	12.704	76.133	3) MUMBAI Schedule	2.202	25.519
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	161.425	950.742	1) MSEDCL	298.655	1754.013
2) Hydro (A2+B3+C2)	28.344	198.112	2) TPCL	25.533	183.855
3) Gas (A3+B1)	41.851	262.058	3) REL	13.553	90.842
4) Wind (B2)	3.016	17.473	TOTAL STATE	337.741	2028.710
5) CPP (B3)	26.182	154.941			
TOTAL STATE	260.818	1583.326			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 1 Hrs
MSGENCO Thermal	5370	5207	4960
MSGENCO Hydro	2187	1264	110
MSGENCO Gas	504	481	496
MSGENCO Total Generation	8061	6952	5566
Central Sector Receipt	3190	3573	2564
RGPPL	1287	1223	1287
WIND	146	58	149
CPP	1118	1162	982
Exchange with Mumbai	-72	-317	-111
MSEDCL DEMAND MET	13730	12704	10437
Load Shedding (LS)	522	0	0
MSEDCL DEMAND (INCL. LS)	14252	12704	10437
TPCL GENERATION	1081	1076	905
REL GENERATION	530	529	529
TPCL+REL DEMAND	1683	1922	1545
STATE DEMAND MET	15413	14626	11982
Load Management (LM)	1734	3522	0
Total Load Relief (LS+LM)	2256	3522	0
UNRESTRICTED STATE DEMAND	17669	18148	11982
Frequency (Hz)	49.61	49.97	49.72

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.41 Hz at 18:01 Hrs	49.35 Hz at 07:19 Hrs	49.82	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 06/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	3.95	23.05	178	152	160
Unit 6	0.00	0.00	0	0	0
Unit 7	4.48	25.10	200	170	200
	8.43	48.16			360
Bhusawal					
Unit 1		0.00	0	0	
Unit 2	4.45	26.12	190	175	200
Unit 3	4.52	27.82	205	165	180
	8.97	53.94			380
Parli					
Unit 1			0	0	
Unit 2			0	0	
Unit 3	4.31	24.04	192	157	160
Unit 4	4.20	22.98	186	152	180
Unit 5	0.00	13.07	0	0	0
Unit 6	5.32	33.18	250	181	240
Unit 7	4.74	30.73	232	0	200
	18.56	124.01			780
Chandrapur					
Unit 1	3.60	21.74	164	127	160
Unit 2	3.60	22.26	171	129	160
Unit 3	4.38	12.81	198	156	200
Unit 4	4.17	24.64	190	136	180
Unit 5	11.50	68.24	490	465	475
Unit 6	11.22	61.05	480	430	475
Unit 7	11.25	68.09	480	446	480
	49.72	278.84			2130
Paras					
Unit 2			0	0	
Unit 3	5.51	14.40	249	218	230
Unit 4	4.02	24.81	234	0	230
	9.53	39.21			460
Khaparkheda					
Unit 1	4.96	28.95	215	180	210
Unit 2	4.78	28.12	207	185	210
Unit 3	5.24	28.83	221	216	210
Unit 4	0.00	0.00	0	0	0
	14.98	85.90			630
Nasik					
Unit 1	1.88	11.89	87	65	81
Unit 2	2.08	12.98	93	75	81
Unit 3	3.98	25.22	190	110	182
Unit 4	4.43	26.59	208	150	192
Unit 5	1.67	21.40	177	0	182
	14.03	98.07			718
Koyna					
Stage 1-2	6.14	36.78	505	35	600
Stage 4	13.06	80.07	1102	0	250
Stage 3	4.06	25.11	240	0	240
	23.27	141.96			1090
Kovna 12&4 Total	19.21	116.85			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		11.73	84.37	512	463	470
		11.73	84.37			470
Hydro						
KDPH		0.45	2.55	19	18	20
VTRNA		0.00	0.00	0	0	0
TILLARI		0.46	2.84	60	0	60
BHTGR/VEER		0.14	1.96	6	5	18
BHIRA T.R.		0.17	1.94	80	0	80
RNGR+BHTSA		0.38	2.18	16	15	16
BHANDARDRA		0.00	0.00	0	0	0
ELDARY		0.26	0.26	22	0	0
SMLHY PTN		0.71	4.68	39	26	11
GHATGHAR		2.18	11.50	250	0	0
		4.75	27.92			205
PENCH (MS)						
Pench (MS)		0.32	1.90	53	0	
		0.32	1.90			
Wind						
MalharPeth		0.19	0.92			
Vankuswadi		0.46	2.24			
ATIT		0.03	0.37			
Kale		0.14	0.85			
Satara		0.55	2.34			
Shirala		0.11	0.90			
K Mahankal		0.04	0.85			
Supa		0.07	0.31			
Vita		0.74	4.11			
Dondaicha		0.40	2.36			
Sakri		0.07	0.38			
Nandurbar		0.06	0.20			
Khandke		0.12	1.13			
Khaparale		0.06	0.51			
		3.02	17.47			
CPP						
TOTAL CPP		26.18	154.94			515
		26.18	154.94			515
Dabhol						
RGPPL		30.12	177.68	1300	1221	1250
		30.12	177.68			1250
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		10.84	65.71	490	300	500
Trombay 6		3.60	23.96	150	150	500
Trombay 7A		2.97	16.70	127	120	120
Trombay 7B		1.63	9.00	68	67	60
Trombay 8		5.46	31.12	250	150	250
TATA Hydro		0.00	26.34	0	0	447
		24.49	172.83			1877
REL						
1&2		12.70	76.13	530	528	500
		12.70	76.13			500
Cent Sect						
Share						3397
						3397
MS PG CL	Thermal	124.23	728.12			5458
	Thml+Gas	135.96	812.49			5928
	Hydro	28.02	169.88			1295
	Total	163.99	982.37			7223
State Total		260.82	1583.33			14762

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/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	4960	110	496	5566	1287	149	982	3069	2564	-142	-111	10437	0	10437	1545	11982	49.72
2	5053	110	503	5666	1292	185	980	3021	2513	-94	-59	10577	0	10577	1423	12000	49.85
3	5060	105	503	5668	1297	182	977	2973	2874	-44	6	11004	0	11004	1319	12323	49.85
4	5063	234	502	5799	1300	167	987	2949	3021	-20	21	11295	1092	11295	1303	13690	49.92
5	5177	334	506	6017	1295	179	980	2949	3086	-20	31	11588	1574	11588	1294	14456	49.73
6	5230	867	506	6603	1297	179	1033	2682	2829	260	253	12194	1834	12292	1321	15349	49.66
7	5274	1220	507	7001	1297	176	1146	2768	2708	210	210	12551	1976	12791	1399	15926	49.61
8	5334	1622	512	7468	1299	143	1172	2836	3200	140	143	13451	2094	13808	1469	17014	49.65
9	5313	1864	510	7687	1296	148	1127	2945	3006	37	44	13308	2265	13836	1569	17142	49.65
10	5370	2187	504	8061	1287	146	1118	3162	3190	-82	-72	13730	2256	14252	1683	17669	49.61
11	5242	1918	487	7647	1254	158	1147	3381	3336	-196	-193	13361	2493	13937	1802	17656	49.64
12	5262	1938	470	7670	1236	152	1141	3387	3425	-220	-215	13434	2318	13754	1822	17574	49.70
13	5299	2122	468	7889	1230	128	1150	3381	3423	-220	-210	13610	2413	14025	1817	17840	49.72
14	5089	2007	463	7559	1230	94	1151	3327	3595	-140	-132	13497	2296	13796	1737	17530	49.85
15	5054	1849	468	7371	1226	70	1149	3136	3688	-65	-63	13441	2299	13723	1671	17411	49.89
16	5051	1849	467	7367	1222	63	1143	3016	3314	-65	-62	13047	2265	13295	1670	16982	49.96
17	5103	1591	467	7161	1222	59	1148	2991	3931	-41	-36	13485	2136	13620	1645	17266	49.95
18	5113	1467	476	7056	1222	42	1146	2992	3757	-41	-34	13189	2069	13317	1641	16899	50.02
19	5108	1596	479	7183	1223	46	1163	3153	3552	-275	-251	12933	3031	12993	1826	17790	49.92
20	5207	1264	481	6952	1223	58	1162	3318	3573	-326	-317	12704	3522	12704	1922	18148	49.97
21	5220	852	487	6559	1222	80	1152	3292	3325	-326	-325	12066	3522	12066	1927	17515	49.92
22	5235	453	487	6175	1221	138	1034	3213	3144	-245	-245	11519	3520	11519	1848	16887	49.92
23	5241	292	491	6024	1221	151	995	3064	3080	-140	-151	11372	2723	11372	1752	15847	49.88
24	5176	172	491	5839	1221	124	999	2945	2791	-147	-129	10863	2723	10863	1683	15269	49.98
MUs	124.23	28.02	11.73	163.99	30.12	3.02	26.18	73.95	76.92	-2.20	-1.90	298.66	50.42	302.86	39.09	388.16	49.82

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 06/Feb/2011

Position as on 6.30 Hrs of 07/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.	08/02/2011
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
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		Continued.	BLR T/L.	08/02/2011
Parli Unit 7	250	05/02/2011	22.27	06/02/2011	01.09	High Furnace Pressure	
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	
Paras Unit 4	250	06/02/2011	13.05	06/02/2011	16.32	Fire protection operated	
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 Vaccum	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Feb/2011

Position as on 6.30 Hrs of 07/Feb/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - I	03/02/2011	22.44	06/02/2011	18.26	Over Voltage.
Kolhapur - Mapusa - I	05/02/2011	23.24	06/02/2011	08.18	Over Voltage
Dhule - S'Sarovar- II	06/02/2011	18.21		Continued.	For observation of CSR 1 Pannel.
Kolhapur-Mapusa-II	06/02/2011	22.58		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
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	06/02/2011	17.50	Augmentation by 200MVA ICT(charged at 18.00Hrs on 4/2/11.load taken.)
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
220/132KV 50MVA ICT-I @Peth	04/02/2011	08.45		Continued.	Augmentation by 100MVA ICT(upto 10/02/2011).
220/33KV 100MVA T/F- I at Versova	06/02/2011	07.57	06/02/2011	20.23	Annual Maint.work
Borivali-Boisar	06/02/2011	09.02	06/02/2011	12.45	Tan delta measurment
Varsova - Aarey - I	06/02/2011	11.42	06/02/2011	22.35	Line Maint.work
Borivali-Tarapur	06/02/2011	13.10	06/02/2011	15.50	CT tan delta measurement
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Giravali-Parli-I	04/02/2011	11.41		Continued.	Breaker replacement
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - I	05/02/2011	22.27	06/02/2011	07.14	Over Voltage
Bhusawal- Aurangabad	05/02/2011	22.30	06/02/2011	04.50	Over Voltage
Karad - Kolhapur - I	06/02/2011	21.38		Continued.	Over Voltage
Bableswhar-Aurangabad	06/02/2011	22.06	07/02/2011	03.19	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.
Aurangabad -	29/01/2011	18.56		Continued.	To control BBLSR ICT loading

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Feb/2011

Position as on 6.30 Hrs of 07/Feb/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Babaleshwar					
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	06/02/2011	11.46	H/T from LV side due to formation of gas
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 : 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.
Voltage Level : 132KV			Outage Type TRIPPED		
Chikhali - Dhad	06/02/2011	18.45	06/02/2011	19.12	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 07/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	180
Unit 6	210	0
Unit 7	210	200
	1040	380
Bhusawal		
Unit 1	58	
Unit 2	210	200
Unit 3	210	200
	478	400
Parli		
Unit 1	30	
Unit 2	30	
Unit 3	210	180
Unit 4	210	180
Unit 5	210	0
Unit 6	250	200
Unit 7	250	230
	1190	790
Chandrapur		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	160
Unit 4	210	170
Unit 5	500	475
Unit 6	500	475
Unit 7	500	470
	2340	2070
Paras		
Unit 2	55	
Unit 3	250	240
Unit 4	250	240
	555	480
Khaparkheda		
Unit 1	210	210
Unit 2	210	210
Unit 3	210	210
Unit 4	210	0
	840	630
Nasik		
Unit 1	120	81
Unit 2	120	81
Unit 3	210	182
Unit 4	210	192
Unit 5	210	0
	870	536
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Uran		
All Units	852	470

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	470
Hydro		
KDPH	40	19
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	5
BHIRA T.R.	80	80
RNGR+BHTSA	20	16
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	12
GHATGHAR	250	0
	611	192
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	475
	0	475
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	3467
	3143	3467

	17376	7 of 7	14607
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