



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

State Load Dispatch Center, Airoli

Daily system Report

for

20/Feb/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 20/Feb/2011 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	117.401	2466.833	1) Madhya Pradesh	56.203	1031.172
2) Hydro	20.970	505.611	2) Gujrat	29.535	563.561
3) Gas	11.915	247.822	3) Goa	-5.326	-122.194
Total MSGENCO	150.286	3220.266	4) TAPS 1&2 (Inj.)	7.770	155.075
B) OTHERS			5) Pench (Excess)	-0.147	-5.379
1) RGPPL Gas	29.041	583.733	# Total Cent. Sector	88.035	1622.235
2) Wind Generation	3.206	55.333	F) Other Exchanges		
3) CPP	24.417	524.782	1) With TPCL (Excess)	-1.180	-91.248
4) PENCH (MS)	0.147	5.379	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	18.837	361.575
1) TPCL Thermal	22.878	489.653	Include PX	0.000	0.000
2) TPCL Hydro	0.047	71.806	2) MUMBAI Bilateral	1.952	100.832
TOTAL TPCL	22.925	561.459	Include PX	-2.931	-17.242
3) REL Thermal	12.687	253.629	3) MUMBAI Schedule	1.952	100.832
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	152.966	3210.115	1) MSEDCL	293.952	5920.480
2) Hydro (A2+B3+C2)	21.164	582.796	2) TPCL	24.221	605.063
3) Gas (A3+B1)	40.956	831.555	3) REL	12.470	301.262
4) Wind (B2)	3.206	55.333	TOTAL STATE	330.643	6826.805
5) CPP (B3)	24.417	524.782			
TOTAL STATE	242.709	5204.581			

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	4534	5201	4788
MSGENCO Hydro	2146	597	147
MSGENCO Gas	499	486	505
MSGENCO Total Generation	7179	6284	5440
Central Sector Receipt	3570	3900	2826
RGPPL	1220	1199	1201
WIND	49	228	189
CPP	1070	1098	862
Exchange with Mumbai	28	-346	-6
MSEDCL DEMAND MET	13138	12383	10512
Load Shedding (LS)	817	0	0
MSEDCL DEMAND (INCL. LS)	13955	12383	10512
TPCL GENERATION	1100	978	786
REL GENERATION	529	527	529
TPCL+REL DEMAND	1601	1851	1321
STATE DEMAND MET	14739	14234	11833
Load Management (LM)	1785	3404	0
Total Load Relief (LS+LM)	2602	3404	0
UNRESTRICTED STATE DEMAND	17341	17638	11833
Frequency (Hz)	49.74	50.02	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.56 Hz at 23.59 Hrs	49.31 Hz at 09.00 Hrs	49.99	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 20/Feb/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.71	77.46	171	138	145
Unit 6	3.48	44.48	162	130	145
Unit 7	4.12	74.68	190	150	170
	11.31	196.62			460
Bhusawal					
Unit 2	4.26	70.24	185	165	190
Unit 3	4.60	60.82	200	170	200
Unit 4			0	0	
	8.86	131.06			390
Parli					
Unit 3	4.04	72.36	183	152	165
Unit 4	3.65	75.04	158	140	155
Unit 5	4.41	71.56	195	169	195
Unit 6	5.74	107.80	245	234	220
Unit 7	2.77	101.87	138	91	135
	20.61	428.63			870
Chandrapur					
Unit 1	0.21	69.60	76	0	0
Unit 2	3.60	75.41	160	131	160
Unit 3	3.94	74.80	197	0	180
Unit 4	4.33	84.19	190	160	190
Unit 5	5.11	195.72	460	0	0
Unit 6	11.00	190.15	475	435	470
Unit 7	10.18	220.17	470	385	480
	38.35	910.05			1480
Paras					
Unit 3	0.09	77.39	60	0	0
Unit 4	5.05	97.28	238	172	215
	5.13	174.67			215
Khaparkheda					
Unit 1	4.80	97.06	210	190	195
Unit 2	4.85	84.25	210	190	205
Unit 3	4.17	95.78	222	152	150
Unit 4	3.31	20.63	217	0	0
Unit 5	0.00	0.00	0	0	
	17.13	297.73			550
Nasik					
Unit 1	2.05	39.86	92	73	76
Unit 2	1.90	40.52	96	60	76
Unit 3	4.02	83.82	190	140	162
Unit 4	3.95	87.25	192	133	192
Unit 5	4.08	76.64	180	159	157
	16.00	328.08			663
Uran					
All Units	11.92	247.82	509	484	470
	11.92	247.82			470
Dabhol					
RGPPL	29.04	583.73	1232	1190	1200
	29.04	583.73			1200
Koyna					
Stage 1-2	4.83	99.58	525	40	600
Stage 4	7.73	231.44	970	0	250
Stage 3	2.47	69.94	240	0	320
	15.03	400.95			1170
Kovna 12&4 Total	12.56	331.01			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.46	8.94	20	19	19
VTRNA	0.79	4.56	61	0	60
TILLARI	0.50	9.28	60	0	60
BHTGR/VEER	0.50	8.80	21	21	22
BHIRA T.R.	0.13	4.38	41	0	80
RNGR+BHTSA	0.36	7.17	15	15	16
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.42	6.11	23	15	0
SMLHY PTN	0.96	17.24	47	37	27
GHATGHAR	1.82	38.17	250	0	0
	5.94	104.66			284
PENCH (MS)					
Pench (MS)	0.15	5.38	26	0	
	0.15	5.38			
Wind					
MalharPeth	0.12	1.97			
Vankuswadi	0.24	5.01			
ATIT	0.08	0.94			
Kale	0.09	1.90			
Satara	0.14	4.61			
Shirala	0.09	1.83			
K Mahankal	0.08	2.10			
Supa	0.22	1.65			
Vita	0.48	11.16			
Dondaicha	0.71	13.89			
Nandurbar	0.07	1.70			
Khandke	0.50	3.86			
Khaparale	0.24	2.31			
	3.06	52.94			
CPP					
JSW JAIGAD	11.08	132.18	547	360	465
WARDHA	6.88	71.13	336	230	316
Other CPPs	6.46	321.48			
	24.42	524.78			781
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.18	208.46	490	270	500
Trombay 6	3.60	82.94	150	150	500
Trombay 7A	3.04	58.90	130	124	120
Trombay 7B	1.64	31.81	69	68	60
Trombay 8	5.42	107.54	253	155	250
TATA Hydro	0.05	71.81	14	0	447
	22.92	561.46			1877
REL					
1&2	12.69	253.63	530	527	500
	12.69	253.63			500
Cent Sect					
Share					3578
					3578

MS PG CL	Thermal	117.40	2466.83			4628
	Thml+Gas	129.32	2714.66			5098
	Hydro	20.97	505.61			1454
	Total	150.29	3220.27			6552
State Total		242.71	5204.58			14488

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 20/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	4756	157	507	5420	1232	223	849	3097	3101	-95	-76	10749	0	10749	1417	12166	49.97
2	4788	147	505	5440	1201	189	862	3137	2826	-95	-6	10512	0	10512	1321	11833	49.99
3	4835	157	507	5499	1202	190	875	3154	3237	-45	54	11057	101	11064	1261	12419	50.05
4	4869	157	505	5531	1204	173	923	3154	3569	-45	94	11494	1174	11501	1220	13888	50.06
5	4610	518	503	5631	1203	137	959	3136	3626	-45	75	11631	1557	11638	1247	14435	49.91
6	4494	1024	508	6026	1220	118	980	3063	3956	-45	64	12364	1802	12400	1289	15455	49.99
7	4518	1475	509	6502	1220	139	994	3257	3729	-70	96	12680	1958	12871	1364	16002	49.95
8	4568	1697	509	6774	1218	142	1000	2802	3514	250	237	12885	2237	13355	1381	16503	49.77
9	4507	2048	497	7052	1217	90	1056	2872	3557	129	125	13123	2453	13791	1491	17067	49.62
10	4534	2146	499	7179	1220	49	1070	2979	3570	29	28	13138	2602	13955	1601	17341	49.74
11	4572	1802	490	6864	1221	29	1057	3084	3811	-75	-76	12916	2478	13520	1702	17096	49.85
12	4685	1981	484	7150	1223	24	1069	3084	3832	-75	-80	13218	2262	13524	1705	17185	49.91
13	4853	1703	487	7043	1222	33	1058	3084	3842	-75	-90	13108	2230	13382	1679	17017	49.95
14	4913	1119	488	6520	1222	54	1065	3014	3936	-1	-9	12788	2214	13046	1628	16630	50.14
15	4988	705	488	6181	1218	101	1046	2967	4286	49	48	12880	2221	13144	1566	16667	50.08
16	4974	723	488	6185	1213	105	1064	2967	4217	49	45	12829	2223	13095	1510	16562	50.09
17	5200	719	487	6406	1212	128	1089	2941	4113	77	-56	12892	2174	13112	1546	16612	50.10
18	5181	563	491	6235	1210	163	1147	3200	4127	-195	-161	12721	2106	13040	1555	16382	50.01
19	5188	530	484	6202	1200	189	1087	3293	3846	-370	-309	12232	3026	12352	1704	16962	49.91
20	5201	597	486	6284	1199	228	1098	3400	3900	-370	-346	12383	3404	12383	1851	17638	50.02
21	5247	363	492	6102	1192	228	1088	3271	3639	-234	-256	12019	3404	12019	1821	17244	50.02
22	5238	215	499	5952	1191	186	1053	3295	3389	-260	-243	11554	3403	11554	1769	16726	50.10
23	5318	210	501	6029	1190	141	969	3199	3268	-270	-228	11369	960	11369	1656	13985	50.20
24	5364	214	501	6079	1191	147	959	2981	3144	-170	-110	11410	146	11410	1508	13064	50.32
MUs	117.40	20.97	11.92	150.29	29.04	3.21	24.42	74.43	88.04	-1.95	-1.18	293.95	46.14	298.79	36.79	376.88	49.99

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 20/Feb/2011

Position as on 6.30 Hrs of 21/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
Uran Unit 6	108	05/02/2011	11.28		Continued.	Stator Earth Fault	02/03/2011
FORCED OUTAGE							
Chandrapur Unit 5	500	17/02/2011	15.05	20/02/2011	09.23	Superheater T/L.	
Paras Unit 3	250	18/02/2011	23.34	20/02/2011	20.57	Economiser Tube Leakage	
Chandrapur Unit 3	210	19/02/2011	19.50	20/02/2011	01.48	Mal Operation	
Koyna ST-IV 1	250	19/02/2011	21.40	20/02/2011	06.04	Preventive maint.and vibration checking	
Chandrapur Unit 1	210	20/02/2011	02.56		Continued.	Boiler Tube Leakage	23/02/2011
Khaparkheda Unit 4	210	20/02/2011	04.20	20/02/2011	10.54	Drum Level High	
Cent_Sect NTPC(V-7)	500	20/02/2011	07.15		Continued.	Boiler Tube Leakage	22/02/2011
Paras Unit 3	250	20/02/2011	21.02	20/02/2011	22.15	High Drum Level	
Cent_Sect Sipat-4	500	21/02/2011	03.09		Continued.	Loss Of Fuel	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 20/Feb/2011

Position as on 6.30 Hrs of 21/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-Sar'Sarovar - I	18/02/2011	23.27		Continued.	Over Voltage
Kolhapur - Mapusa - II	19/02/2011	22.25	20/02/2011	08.20	Over Voltage
Akola - Wardha - II	19/02/2011	23.03	20/02/2011	08.03	Over Voltage
Kolhapur-Mapusa-II	20/02/2011	21.47		Continued.	Over Voltage
Wardha - Akola - I	20/02/2011	21.58		Continued.	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule - S'Sarovar- II	19/02/2011	23.15		Continued.	Over Voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 300 MVA ICT-I @ Koradi	19/02/2011	10.42		Continued.	For Releasing Air from Air Releasing Plugs of R Phase
Karad - Kolhapur - II	20/02/2011	08.49		Continued.	Relay retrofitting work(ready for charging at 18.30Hrs)
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(upto 22Feb)
Borivali-Mulund	06/02/2011	22.17		Continued.	From Borivali end for strengthing Mumbai system up to 28.02.11
Kalwa - Borivali	06/02/2011	22.51		Continued.	From Kalwa end strengthing 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
Bhugaon - IIPL	19/02/2011	10.20	20/02/2011	16.12	Breaker Overhaul work(Ckt is on TBC)
New Paras TPS - Chikhali - II	19/02/2011	13.09		Continued.	Breaker Overhaul work(Ckt is on TBC)
Kalwa - Salshet - IV	20/02/2011	08.15	20/02/2011	16.15	For Thermoscanning
Pedambe - Tambati	20/02/2011	09.15	20/02/2011	19.50	Insulator replacement
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 : 220KV			Outage Type FORCED OUTAGE		
220/132KV 200MVA ICT-II at BLSR	20/02/2011	11.15	20/02/2011	12.30	To attend Red Hot
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - I	19/02/2011	21.51	20/02/2011	07.59	Over Voltage
Bhusawal- Aurangabad	19/02/2011	22.00	20/02/2011	04.09	Over Voltage
New Koyna - Koyna Stage IV - II	20/02/2011	18.04	20/02/2011	18.30	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 20/Feb/2011

Position as on 6.30 Hrs of 21/Feb/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
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	13/02/2011	11.35		Continued.	To control BBLSR ICT load
Hingoli-Pusad	15/02/2011	12.46	20/02/2011	12.14	To Control Pusad-Bhugaon Line Loading.
Koradi-Ambazari-I	20/02/2011	18.43		Continued.	To Control Koradi ICT Loading
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Kalwa - Salshet - I	18/02/2011	10.56		Continued.	From Kalwa End
Voltage Level : 400KV			Outage Type TRIPPED		
Dabhol-Nagothane-II	20/02/2011	16.52	20/02/2011	17.48	Distance Protection
Voltage Level : 220KV			Outage Type TRIPPED		
220/66 KV 50 MVA T/F - I @ Warora	20/02/2011	06.23	20/02/2011	17.12	REF relay operated
220/132KV 200MVA ICT-III at BBLSR	20/02/2011	12.35	20/02/2011	13.05	Bus Bar Prot.operated while charging ICT-II from LV side
220/132KV 200MVA ICT-II at BBLSR	20/02/2011	12.35	20/02/2011	17.15	Bus Bar Prot.operated while charging ICT-II from LV side
220/132 KV 100 MVA ICT - I @ BBLSR.	20/02/2011	12.35	20/02/2011	13.10	Bus Bar Prot.operated while charging ICT-II from LV side
Voltage Level : 132KV			Outage Type TRIPPED		
Babaleshwar - Kopargaon	20/02/2011	12.35	20/02/2011	13.02	Bus Bar Prot.operated while charging ICT-II from LV side
BBLSR - Rahuri	20/02/2011	12.35	20/02/2011	13.07	Bus Bar Prot.operated while charging ICT-II from LV side
BBLSR - Sangamner	20/02/2011	12.35	20/02/2011	13.06	Bus Bar Prot.operated while charging ICT-II from LV side
BBLSR -BBLSR	20/02/2011	12.35	20/02/2011	13.13	Bus Bar Prot.operated while charging ICT-II from LV side
BBLSR - Newasa	20/02/2011	12.35	20/02/2011	13.10	Bus Bar Prot.operated while charging ICT-II from LV side

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 21/Feb/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	170
Unit 6	210	170
Unit 7	210	200
	620	540
Bhusawal		
Unit 2	210	190
Unit 3	210	200
Unit 4	500	
	920	390
Parli		
Unit 3	210	170
Unit 4	210	150
Unit 5	210	185
Unit 6	250	230
Unit 7	250	110
	1130	845
Chandrapur		
Unit 1	210	0
Unit 2	210	160
Unit 3	210	200
Unit 4	210	180
Unit 5	500	470
Unit 6	500	470
Unit 7	500	460
	2340	1940
Paras		
Unit 3	250	180
Unit 4	250	230
	500	410
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	95
Unit 2	120	95
Unit 3	210	190
Unit 4	210	190
Unit 5	210	180
	870	750
Uran		
All Units	852	470
	852	470
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	18

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	22
BHIRA T.R.	80	40
RNGR+BHTSA	20	16
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	24
GHATGHAR	250	0
	611	240
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	3202
	3143	3202