



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

State Load Dispatch Center, Airoli

Daily system Report

for

20/Mar/2011

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	136.436	2697.870	1) Madhya Pradesh	40.891	1057.693
2) Hydro	6.674	415.357	2) Gujrat	30.710	597.031
3) Gas	15.586	285.256	3) Goa	-5.210	-128.124
Total MSGENCO	158.696	3398.483	4) TAPS 1&2 (Inj.)	4.012	89.564
B) OTHERS			5) Pench (Excess)	-0.291	-5.241
1) RGPPL Gas	30.321	585.158	# Total Cent. Sector	70.112	1610.923
2) Wind Generation	7.961	74.895	F) Other Exchanges		
3) CPP	24.177	496.276	1) With TPCL (Excess)	-6.632	-191.809
4) PENCH (MS)	0.291	5.241	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	10.932	278.444
1) TPCL Thermal	22.433	492.498	Include PX	0.000	0.000
2) TPCL Hydro	0.190	75.270	2) MUMBAI Bilateral	6.884	191.664
TOTAL TPCL	22.623	567.768	Include PX	0.819	30.282
3) REL Thermal	12.483	253.494	3) MUMBAI Schedule	6.884	191.664
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	171.352	3443.862	1) MSEDCL	284.926	5979.167
2) Hydro (A2+B3+C2)	7.155	495.868	2) TPCL	27.312	672.776
3) Gas (A3+B1)	45.907	870.414	3) REL	14.422	340.209
4) Wind (B2)	7.961	74.895	TOTAL STATE	326.660	6992.152
5) CPP (B3)	24.177	496.276			
TOTAL STATE	256.552	5381.315			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	5706	5820	5552
MSGENCO Hydro	346	232	174
MSGENCO Gas	632	623	658
MSGENCO Total Generation	6684	6675	6384
Central Sector Receipt	2965	2912	2861
RGPPL	1287	1236	1293
WIND	326	464	355
CPP	1062	961	1000
Exchange with Mumbai	-258	-203	-203
MSEDCL DEMAND MET	12066	12045	11690
Load Shedding (LS)	76	0	0
MSEDCL DEMAND (INCL. LS)	12142	12045	11690
TPCL GENERATION	940	937	849
REL GENERATION	483	530	531
TPCL+REL DEMAND	1681	1670	1583
STATE DEMAND MET	13747	13715	13273
Load Management (LM)	2222	2202	1383
Total Load Relief (LS+LM)	2298	2202	1383
UNRESTRICTED STATE DEMAND	16045	15917	14656
Frequency (Hz)	49.96	50.09	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.64 Hz at 18.04 Hrs	49.26 Hz at 18.56 Hrs	50.03	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/Mar/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.21	66.07	183	160	180
Unit 6	4.29	82.94	194	148	190
Unit 7	4.78	79.20	205	175	205
	13.27	228.20			575
Bhusawal					
Unit 2	4.09	68.02	185	155	170
Unit 3	4.46	87.14	195	170	190
Unit 4			0	0	
	8.55	155.16			360
Parli					
Unit 3	4.24	85.83	198	135	175
Unit 4	4.19	83.07	189	158	185
Unit 5	3.91	84.22	186	146	155
Unit 6	5.39	95.55	241	193	200
Unit 7	5.68	93.27	258	186	240
	23.40	441.94			955
Chandrapur					
Unit 1	3.73	77.40	166	137	165
Unit 2	3.68	78.39	160	147	155
Unit 3	4.28	57.91	194	160	185
Unit 4	4.36	87.75	191	155	180
Unit 5	11.02	225.31	490	410	425
Unit 6	10.81	221.64	475	394	470
Unit 7	10.33	208.43	490	216	480
	48.21	956.82			2060
Paras					
Unit 3	6.00	115.29	258	240	250
Unit 4	5.46	93.65	256	172	250
	11.46	208.94			500
Khaparkheda					
Unit 1	4.30	96.35	185	170	210
Unit 2	4.18	93.78	185	160	210
Unit 3	4.63	99.49	220	156	210
Unit 4	5.16	102.73	225	203	210
Unit 5			0	0	
	18.26	392.34			840
Nasik					
Unit 1	0.00	31.40	0	0	0
Unit 2	0.00	35.80	0	0	0
Unit 3	4.50	84.80	200	175	180
Unit 4	4.41	87.87	190	171	190
Unit 5	4.36	74.60	193	165	180
	13.28	314.46			550
Uran					
All Units	15.59	285.26	673	620	630
	15.59	285.26			630
Dabhol					
RGPPL	30.32	585.16	1296	1219	1270
	30.32	585.16			1270
Koyna					
Stage 1-2	1.06	84.40	105	35	600
Stage 4	0.00	172.44	0	0	250
Stage 3	0.00	54.98	0	0	320
	1.06	311.82			1170
Kovna 12&4 Total	1.06	256.84			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.46	7.14	20	19	36
VTRNA	1.14	20.76	61	0	60
TILLARI	0.30	8.16	60	0	60
BHTGR/VEER	0.42	4.85	18	17	5
BHIRA T.R.	0.17	4.26	46	0	80
RNGR+BHTSA	0.35	7.27	15	14	15
BHANDARDRA	0.70	3.40	30	29	25
ELDARY	0.40	4.84	23	15	0
SMLHY PTN	0.96	19.47	40	39	18
GHATGHAR	0.73	23.39	250	0	0
	5.62	103.54			299
PENCH (MS)					
Pench (MS)	0.29	5.24	50	0	
	0.29	5.24			
Wind					
MalharPeth	0.16	2.47			
Vankuswadi	0.51	6.21			
ATIT	0.06	0.98			
Kale	0.16	2.27			
Satara	0.15	4.51			
Shirala	0.19	2.36			
K Mahankal	0.47	3.51			
Supa	0.09	2.24			
Vita	0.60	11.71			
Dondaicha	3.48	21.58			
Nandurbar	0.43	2.89			
Khandke	0.33	6.42			
Khaparale	0.73	3.87			
	7.37	71.01			
CPP					
JSW JAIGAD	11.31	231.32	477	464	465
WARDHA	6.76	145.40	347	234	312
Other CPPs	6.11	119.56			
	24.18	496.28			777
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.77	209.08	450	350	500
Trombay 6	3.60	101.74	150	150	500
Trombay 7A	2.96	58.20	126	119	120
Trombay 7B	1.62	32.27	68	67	60
Trombay 8	4.48	91.22	200	155	250
TATA Hydro	0.19	75.27	86	0	447
	22.62	567.77			1877
REL					
1&2	12.48	253.49	532	463	500
	12.48	253.49			500
Cent Sect					
Share					3133
					3133

MS PG CL	Thermal	136.44	2697.87			5840
	Thml+Gas	152.02	2983.13			6470
	Hydro	6.67	415.36			1469
	Total	158.70	3398.48			7939
State Total		256.55	5381.32			15496

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 20/Mar/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	5361	234	642	6237	1293	367	1007	3037	3066	-549	-526	11444	2961	11444	1978	16383	49.89
2	5404	173	651	6228	1295	307	996	2804	2310	-355	-337	10799	2959	10799	1787	15545	50.05
3	5444	188	656	6288	1293	322	995	2685	2516	-233	-221	11193	1859	11193	1649	14701	49.97
4	5552	174	658	6384	1293	355	1000	2661	2861	-208	-203	11690	1383	11690	1583	14656	50.02
5	5675	174	658	6507	1291	355	1004	2613	2727	-160	-129	11755	1471	11755	1580	14806	49.89
6	5779	179	671	6629	1294	306	1004	2613	3115	-160	-133	12215	1666	12215	1611	15492	50.01
7	5933	210	673	6816	1296	256	1054	2951	3308	-131	-113	12634	1666	12634	1592	15892	50.19
8	5980	350	673	7003	1295	214	1062	2983	2795	-131	-87	12292	1732	12358	1592	15616	50.19
9	5909	328	663	6900	1294	226	1062	3036	2977	-181	-138	12345	1741	12420	1592	15678	50.11
10	5830	303	648	6781	1292	290	1067	3077	2977	-231	-197	12236	1739	12313	1618	15593	49.99
11	5737	344	640	6721	1291	297	1071	3127	2856	-282	-262	11974	2211	12051	1667	15852	50.02
12	5706	346	632	6684	1287	326	1062	3124	2965	-282	-258	12066	2298	12142	1681	16045	49.96
13	5715	297	630	6642	1227	357	1069	3158	3164	-322	-301	12158	2317	12253	1695	16170	49.92
14	5740	242	635	6617	1219	396	1064	3069	3048	-272	-261	12083	2309	12170	1701	16093	50.09
15	5780	238	637	6655	1234	406	1024	3021	2868	-222	-216	11971	2328	12057	1663	15962	50.09
16	5772	233	620	6625	1233	432	961	3019	2796	-217	-206	11841	2329	11928	1673	15843	49.98
17	5820	232	623	6675	1236	464	961	3019	2912	-202	-203	12045	2202	12045	1670	15917	50.09
18	5771	237	634	6642	1237	439	966	3020	2635	-202	-207	11712	1926	11712	1676	15314	50.12
19	5722	288	648	6658	1235	339	958	3000	2694	-377	-379	11505	486	11505	1774	13765	50.06
20	5649	347	652	6648	1237	342	955	3000	3531	-427	-455	12298	0	12298	1969	14267	49.89
21	5629	459	655	6743	1238	295	965	3007	3303	-427	-434	12160	0	12160	2005	14165	49.99
22	5537	499	660	6696	1241	300	956	2811	3181	-427	-434	11988	0	11988	2004	13992	50.07
23	5529	362	665	6556	1241	296	965	2667	2926	-476	-500	11534	0	11534	2023	13557	50.09
24	5463	237	662	6362	1229	274	949	2575	2583	-404	-432	10991	0	10991	1955	12946	50.04
MUs	136.4 4	6.67	15.59	158.70	30.32	7.96	24.18	70.08	70.11	-6.88	-6.63	284.93	37.58	285.66	41.74	364.25	50.03

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/Mar/2011

Position as on 6.30 Hrs of 21/Mar/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect Tarapur 2	80	04/03/2011	01.25		Continued.	Refueling Work.	04/04/2011
Dabhol 1B	230	15/03/2011	02.37		Continued.	Upgradation work	25/04/2011
FORCED OUTAGE							
Nasik Unit 2	125	18/03/2011	21.07		Continued.	BLR T/L.	21/03/2011
Dabhol 2B	230	18/03/2011	23.23		Continued.	For inlet air filter replacement.	22/03/2011
Nasik Unit 1	125	19/03/2011	19.50		Continued.	BLR T/L.	22/03/2011
CPP WPCL U-1	135	20/03/2011	19:49		Continued.	Boiler Tube Leakage.	23/03/2011
Cent_Sect NTPC(V) 9	500	20/03/2011	21:19		Continued.	Tripped.	21/03/2011
Parli Unit 6	250	21/03/2011	04:33		Continued.	Furnace Pressure high.	22/03/2011

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

Position as on 6.30 Hrs of 21/Mar/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	14/03/2011	23.35		Continued.	Over Voltage
Kolhapur - Mapusa - I	19/03/2011	23.43		Continued.	Over Voltage.
Dhule - S'Sarovar- II	20/03/2011	13:55		Continued.	H/T For O/V.
Akola - Wardha - I	21/03/2011	00:30		Continued.	H/T For O/V.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Line Reactor of BSL-KORDY at BSL end	18/03/2011	12.51		Continued.	O/H work
New Koyna-Karad-II	19/03/2011	22.41	20/03/2011	05.12	Relay Retrofitting Work.
Lonikand-Karad	20/03/2011	07:45		Continued.	Errection of 2 Nos. of In line towers at Loc. No. 328 (for 1 days).
400/132KV 200 MVA ICT-I @ Bhusawal	20/03/2011	13:42		Continued.	Replacement of Main Bus I and II Isolator under LES scheme. (ICT LV side is on TBC)
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
Borivali-Mulund	06/02/2011	22.17		Continued.	From Borivali end for strengthing Mumbai system up to 30.03.11
220/110 KV 100 MVA T/F - II @ Mudshingi	07/02/2011	15.12		Continued.	Augmentation by 200 MVA.up to 30/03/11
Tifil-Trombay	13/02/2011	09.50		Continued.	Stringing of New Ckt.Between loc.no.22-39 on Newly Erected
220/132 KV 150 MVA ICT-I @ Dhule	26/02/2011	10.55		Continued.	Repl.of 150MVA ICT by 200MVA ICT up to 31.03.2011
220/100KV 125 MVA ICT-II @ Kalwa	28/02/2011	11.10		Continued.	Augmetation to 200 MVA up to 31.03.2011.
Tarapur Zone-I	14/03/2011	09.37		Continued.	Maintenance work.
220/100 KV 125MVA ICT-II @ Borivali	19/03/2011	09.30		Continued.	Augmentation ny 200MVA.
220/132 KV100 MVA ICT-I @ Chalisgaon	19/03/2011	14.26		Continued.	Augmentation from 100 to 200 MVA ICT (up to 31.03.2011)
220/132 KV100 MVA ICT-I @ Chalisgaon	19/03/2011	14:26		Continued.	Replacement by 200 MVA ICT upto 31/03/2011.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
LV CB of 400/220 kV 315 MVA ICT-1 @ Parli	11/02/2011	22:43		Continued.	PDR problem (ICT LV side is on TBC)
Bombay Dyeing - Sahara	20/03/2011	03.18	20/03/2011	03.55	Red Hot Y-Ph.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	19/03/2011	23.57	20/03/2011	05.00	Over Voltage.
Bhusawal- Aurangabad	20/03/2011	10:00	21/03/2011	04:38	H/T for O/V.
Karad - Kolhapur - I	21/03/2011	01:14		Continued.	H/T For O/V.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Abhijeet II	05/03/2011	07.49		Continued.	To control 220KV A'zari-AEPL loading.
Babaleshwar - Bhenda	05/03/2011	20.47		Continued.	To control BBLSR ICT Load
Chandrapur-Warora - I	11/03/2011	21.53		Continued.	To control Warora-Hinganghat loading.
Hingoli-Pusad	19/03/2011	17.24		Continued.	To control Wardha-Y'mal ckt loading.
Voltage Level : 132KV			Outage Type HAND TRIPPED		

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

Position as on 6.30 Hrs of 21/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Kalwa - Salshet - I	18/02/2011	10.56		Continued.	From Kalwa End
Voltage Level : 132KV			Outage Type TRIPPED		
Chalisgaon - Manmad	19/03/2011	23.55		Continued.	R-Ph CT Burst.
Chalisgaon - Manmad - I	19/03/2011	23:55	20/03/2011	20:50	R. Ph CT Burst at Chalisgaon.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 21/Mar/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	170
Unit 6	210	170
Unit 7	210	190
	620	530
Bhusawal		
Unit 2	210	190
Unit 3	210	200
Unit 4	0	
	420	390
Parli		
Unit 3	210	155
Unit 4	210	150
Unit 5	210	155
Unit 6	250	0
Unit 7	250	170
	1130	630
Chandrapur		
Unit 1	210	165
Unit 2	210	160
Unit 3	210	190
Unit 4	210	190
Unit 5	500	490
Unit 6	500	480
Unit 7	500	480
	2340	2155
Paras		
Unit 3	250	250
Unit 4	250	250
	500	500
Khaparkheda		
Unit 1	210	180
Unit 2	210	180
Unit 3	210	170
Unit 4	210	210
Unit 5	0	
	840	740
Nasik		
Unit 1	120	0
Unit 2	120	0
Unit 3	210	180
Unit 4	210	190
Unit 5	210	180
	870	550
Uran		
All Units	852	630
	852	630
Dabhol		
RGPP	1940	1270
	1940	1270
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	36

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	6
BHIRA T.R.	80	80
RNGR+BHTSA	20	18
BHANDARDRA	45	26
ELDARY	23	15
SMLHY PTN	12	0
GHATGHAR	250	
	611	301
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	600	550
WARDHA	405	366
Other CPPs	0	
	1005	916
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	3455	3266
	3455	3266