



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

State Load Dispatch Center, Airoli

Daily system Report

for

18/Mar/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 18/Mar/2011 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	134.862	2438.073	1) Madhya Pradesh	48.574	957.425
2) Hydro	17.957	385.887	2) Gujrat	29.141	532.322
3) Gas	15.449	254.304	3) Goa	-6.442	-116.324
Total MSGENCO	168.268	3078.264	4) TAPS 1&2 (Inj.)	4.002	81.674
B) OTHERS			5) Pench (Excess)	-0.209	-4.800
1) RGPPL Gas	29.534	527.170	# Total Cent. Sector	75.066	1450.297
2) Wind Generation	4.700	61.427	F) Other Exchanges		
3) CPP	27.844	445.357	1) With TPCL (Excess)	-9.860	-174.218
4) PENCH (MS)	0.209	4.800	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	12.937	254.769
1) TPCL Thermal	28.719	445.483	Include PX	0.000	0.000
2) TPCL Hydro	5.185	70.522	2) MUMBAI Bilateral	9.745	173.801
TOTAL TPCL	33.904	516.005	Include PX	0.940	27.229
3) REL Thermal	12.712	228.305	3) MUMBAI Schedule	9.745	173.801
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	176.293	3111.861	1) MSEDCL	295.761	5393.097
2) Hydro (A2+B3+C2)	23.351	461.209	2) TPCL	37.837	610.196
3) Gas (A3+B1)	44.983	781.474	3) REL	18.638	308.251
4) Wind (B2)	4.700	61.427	TOTAL STATE	352.236	6311.544
5) CPP (B3)	27.844	445.357			
TOTAL STATE	277.171	4861.328			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	5509	5701	5731
MSGENCO Hydro	1209	1007	158
MSGENCO Gas	602	642	675
MSGENCO Total Generation	7320	7350	6564
Central Sector Receipt	3343	3338	2193
RGPPL	1274	1332	1191
WIND	69	309	250
CPP	1172	1210	1114
Exchange with Mumbai	-488	-562	-151
MSEDCL DEMAND MET	12690	13001	11161
Load Shedding (LS)	115	125	0
MSEDCL DEMAND (INCL. LS)	12805	13126	11161
TPCL GENERATION	1830	1617	1064
REL GENERATION	530	528	529
TPCL+REL DEMAND	2848	2707	1744
STATE DEMAND MET	15538	15708	12905
Load Management (LM)	2520	3473	0
Total Load Relief (LS+LM)	2635	3598	0
UNRESTRICTED STATE DEMAND	18173	19306	12905
Frequency (Hz)	49.86	49.88	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.31 Hz at 18.01 Hrs	49.34 Hz at 20.38 Hrs	49.86	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 18/Mar/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.78	57.89	170	147	160
Unit 6	3.41	74.95	161	111	160
Unit 7	4.28	70.27	185	170	190
	11.48	203.12			510
Bhusawal					
Unit 2	0.00	61.92	0	0	0
Unit 3	4.28	78.34	200	165	180
Unit 4			0	0	
	4.28	140.26			180
Parli					
Unit 3	4.51	77.17	200	160	192
Unit 4	4.05	74.60	186	149	177
Unit 5	4.23	76.11	189	160	163
Unit 6	5.18	85.38	242	150	235
Unit 7	4.31	83.04	238	61	225
	22.29	396.29			992
Chandrapur					
Unit 1	3.96	69.87	171	155	165
Unit 2	3.86	71.11	167	154	160
Unit 3	4.41	49.79	197	161	200
Unit 4	4.30	79.18	185	170	185
Unit 5	11.32	203.75	485	455	490
Unit 6	11.08	200.06	480	396	480
Unit 7	11.46	197.38	485	457	480
	50.39	871.14			2160
Paras					
Unit 3	5.82	103.39	260	191	250
Unit 4	5.38	82.40	254	168	250
	11.20	185.79			500
Khaparkheda					
Unit 1	4.52	87.52	215	160	210
Unit 2	4.62	85.01	200	185	210
Unit 3	5.20	89.63	220	210	210
Unit 4	5.19	92.35	222	206	210
Unit 5			0	0	
	19.53	354.52			840
Nasik					
Unit 1	1.89	29.76	87	63	81
Unit 2	1.71	35.80	88	0	81
Unit 3	3.97	76.09	190	140	162
Unit 4	4.13	79.31	191	137	172
Unit 5	3.98	66.00	181	152	182
	15.68	286.94			678
Uran					
All Units	15.45	254.30	686	602	630
	15.45	254.30			630
Dabhol					
RGPPL	29.53	527.17	1367	1133	1380
	29.53	527.17			1380
Koyna					
Stage 1-2	3.37	76.94	345	35	600
Stage 4	7.53	164.67	761	0	250
Stage 3	1.97	51.64	240	0	320
	12.87	293.25			1170
Kovna 12&4 Total	10.90	241.61			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.82	6.19	38	19	0
VTRNA	1.13	18.50	61	0	61
TILLARI	0.36	7.49	60	0	60
BHTGR/VEER	0.35	4.31	15	14	22
BHIRA T.R.	0.32	3.83	82	0	80
RNGR+BHTSA	0.35	6.58	15	14	15
BHANDARDRA	0.59	2.04	25	24	0
ELDARY	0.42	4.03	23	15	0
SMLHY PTN	0.75	17.58	32	31	49
GHATGHAR	0.00	22.09	0	0	0
	5.08	92.64			287
PENCH (MS)					
Pench (MS)	0.21	4.80	50	0	
	0.21	4.80			
Wind					
MalharPeth	0.07	2.22			
Vankuswadi	0.19	5.40			
ATIT	0.02	0.88			
Kale	0.06	2.02			
Satara	0.06	4.02			
Shirala	0.06	2.06			
K Mahankal	0.22	3.03			
Supa	0.04	2.04			
Vita	0.66	10.87			
Dondaicha	2.19	15.63			
Nandurbar	0.36	1.97			
Khandke	0.17	5.73			
Khaparale	0.19	2.75			
	4.30	58.62			
CPP					
JSW JAIGAD	13.99	207.22	620	513	550
WARDHA	8.14	130.45	374	311	312
Other CPPs	5.72	107.69			
	27.84	445.36			862
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.82	188.66	470	420	500
Trombay 6	7.31	94.42	500	150	500
Trombay 7A	2.93	52.28	126	119	120
Trombay 7B	1.62	29.02	69	66	60
Trombay 8	6.04	81.09	253	250	250
TATA Hydro	5.18	70.52	426	0	397
	33.90	516.00			1827
REL					
1&2	12.71	228.30	531	528	500
	12.71	228.30			500
Cent Sect					
Share					3207
					3207

MS PG CL	Thermal	134.86	2438.07			5860
	Thml+Gas	150.31	2692.38			6490
	Hydro	17.96	385.89			1457
	Total	168.27	3078.26			7947
State Total		277.17	4861.33			15723

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	5655	229	659	6543	1197	175	1101	2866	1992	-376	-405	10616	1105	10616	2053	13774	49.80
2	5687	159	669	6515	1195	170	1108	2723	1847	-230	-252	10583	777	10583	1880	13240	49.98
3	5731	158	675	6564	1191	250	1114	2651	2193	-155	-151	11161	0	11161	1744	12905	49.98
4	5720	163	677	6560	1187	309	1111	2651	2661	-155	-139	11689	69	11689	1703	13461	50.01
5	5714	172	678	6564	1167	407	1117	2579	2798	-82	-83	11970	1310	11970	1649	14929	49.86
6	5768	183	684	6635	1162	417	1127	2579	3072	-82	-125	12288	1552	12288	1701	15541	49.93
7	5808	223	686	6717	1183	343	1185	2776	3154	-132	-176	12406	2166	12494	1793	16365	49.89
8	5783	368	681	6832	1195	323	1202	2891	3552	-253	-260	12844	2210	12976	1919	16973	49.87
9	5741	762	662	7165	1195	156	1220	2987	3674	-349	-383	13027	2291	13240	2144	17462	49.87
10	5653	1254	635	7542	1199	101	1171	3011	3271	-373	-414	12870	2279	13075	2469	17618	49.76
11	5573	1450	605	7628	1225	78	1159	3089	2960	-448	-494	12556	2551	12658	2755	17862	49.79
12	5509	1209	602	7320	1274	69	1172	3114	3343	-473	-488	12690	2635	12805	2848	18173	49.86
13	5429	1259	607	7295	1193	73	1184	3370	3806	-744	-687	12871	2659	13010	2902	18432	49.83
14	5496	1396	608	7500	1158	68	1173	3154	3425	-528	-524	12817	2737	13034	2724	18278	49.96
15	5512	1494	611	7617	1133	68	1190	3153	3535	-528	-531	13012	2218	13216	2788	18018	49.84
16	5583	1293	613	7489	1196	97	1173	3177	3495	-553	-602	12848	2182	13016	2864	17894	49.88
17	5694	1069	624	7387	1313	151	1180	3177	3537	-553	-543	13025	2150	13191	2819	17994	50.00
18	5745	995	624	7364	1335	240	1179	3128	3443	-504	-480	13081	2016	13253	2724	17821	50.01
19	5706	660	634	7000	1338	224	1176	3028	3230	-504	-477	12491	3146	12648	2652	18289	49.92
20	5701	1007	642	7350	1332	309	1210	3194	3338	-601	-562	13001	3598	13126	2707	19306	49.88
21	5618	692	645	6955	1320	207	1196	3169	3337	-561	-546	12509	3559	12595	2617	18685	49.66
22	5512	791	644	6947	1327	153	1198	3145	3230	-537	-521	12377	3473	12377	2522	18372	49.68
23	5366	453	646	6465	1367	127	1095	3070	3188	-513	-512	11780	3473	11780	2285	17538	49.64
24	5158	518	638	6314	1152	185	1103	3056	2985	-511	-505	11249	3473	11249	2214	16936	49.64
MUs	134.86	17.96	15.45	168.27	29.53	4.70	27.84	71.74	75.07	-9.74	-9.86	295.76	53.63	298.05	56.48	405.87	49.86

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 18/Mar/2011

Position as on 6.30 Hrs of 19/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							
Bhusawal Unit 2	210	16/03/2011	10:22	19/03/2011	04.14	Boiler tube leakage.	
Cent_Sect NTPC(K-4)	500	17/03/2011	21.00	18/03/2011	21.54	BLR T/L.	
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
Chandrapur Unit 7	500	19/03/2011	01.04		Continued.	Low drum level.	19/03/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Mar/2011

Position as on 6.30 Hrs of 19/Mar/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	14/03/2011	23.35		Continued.	Over Voltage
Kolhapur - Mapusa - I	18/03/2011	00.46	18/03/2011	09.27	Over Voltage.
Kolhapur - Mapusa - I	18/03/2011	21.27		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Bhusawal- Aurangabad	18/03/2011	07.24	18/03/2011	13.09	For Stringing work of 400KV D/C Deepnagar-Waluj line.
400KV AUX BUS at Aurangabad	18/03/2011	08.50	18/03/2011	14.35	Quadruple stringing work from existing 400KV beam to recently erected new BSL-I.
400 KV Bus Reactor @ Nagothane	18/03/2011	09.08	18/03/2011	18.22	R.M. and Testing work.
Kalwa-Kharghar	18/03/2011	09.11	18/03/2011	16.18	Replacement of R-Ph LA.
400/220 KV Spare ICT @ Babaleshwar	18/03/2011	10.00	18/03/2011	17.40	Q.M.Work
50 MVAR Reactor 400 KV Koradi Ckt-I @ Bhusawal-II	18/03/2011	12.51	18/03/2011	13.01	Overhauling work.
Karad - Newkoyna - I	18/03/2011	23.13		Continued.	Retrofitting work of Main II,distance protection relay.
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.	Refuelling work
220KV Bus Section I at 220KV Kalwa	17/03/2011	09.04	18/03/2011	17.18	Replacement of CT's and commissioning of new control and relay panels up to 18.03.2011.
Kandalgaon - ONGC	18/03/2011	08.29	18/03/2011	19.26	Replacement of E/W.
Khargar-Topworth	18/03/2011	08.55	18/03/2011	20.07	Replacement of E/W.
Mudshingi-Talandage-II	18/03/2011	09.00	18/03/2011	15.07	Replacement of Insulator.
220/132KV 200MVA ICT-III at Padegaon	18/03/2011	09.00	18/03/2011	16.14	Replacement of AIR CELL.
220/33 KV 50 MVA T/F I @ Boisar II	18/03/2011	09.07	18/03/2011	12.32	R.M.Work
Wada-Kolshet	18/03/2011	09.22	18/03/2011	21.50	R.M. and Testing work.
220/6.6 KV 40 MVA Station T/F- I @ Kaparkheda	18/03/2011	09.25	18/03/2011	15.39	Testing work.
Kalwa - Ghatghar	18/03/2011	10.27	18/03/2011	18.32	Jumper Tighting work.
Virur - Railway TSS-II	18/03/2011	10.30	18/03/2011	17.04	Replacement of failed CVT.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Mar/2011

Position as on 6.30 Hrs of 19/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Karad Mudsingi-II	18/03/2011	10.42	18/03/2011	13.17	Q.M.Work
Nasik - Ghatghar	18/03/2011	10.51	18/03/2011	18.55	Jumper Tighting work.
220 KV TBC @ Aurangabad	18/03/2011	12.15	18/03/2011	14.40	Tan delta of CT.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV 315 MVA ICT-III @ Padgha	18/03/2011	00.32	18/03/2011	06:44	R-Ph LV Side bushing leakage.(06.14Hrs kept on humming)
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)
Kalwa - Borivali	17/03/2011	22.35	18/03/2011	04.21	B-Ph CT Bello Expanded due to gas formation.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - II	18/03/2011	00.11	18/03/2011	06.00	Over Voltage.
Koradi -Bhusawal	18/03/2011	12.51		Continued.	For reactor out.
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.	For BBLSR ICT-I outage.
Alephata-Kathapur	06/03/2011	07.52		Continued.	To control Load on BBLSR ICT
Dhule-Chalisgaon	09/03/2011	10.40	18/03/2011	07.15	To Control Dhule ICT Loading.
Chandrapur-Warora - I	11/03/2011	21.53		Continued.	To control Warora-Hinganghat loading.
Aurangabad - Babaleshwar	13/03/2011	17.10	18/03/2011	10.44	To Control BBLSR ICT Load
Padgha-Temghar	17/03/2011	23.35	18/03/2011	07:05	Due to outage on Padgha ICT-III.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
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

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 19/Mar/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	162
Unit 6	210	126
Unit 7	210	162
	620	450
Bhusawal		
Unit 2	210	50
Unit 3	210	200
Unit 4	0	
	420	250
Parli		
Unit 3	210	185
Unit 4	210	183
Unit 5	210	168
Unit 6	250	140
Unit 7	250	150
	1130	826
Chandrapur		
Unit 1	210	165
Unit 2	210	160
Unit 3	210	165
Unit 4	210	185
Unit 5	500	490
Unit 6	500	480
Unit 7	500	0
	2340	1645
Paras		
Unit 3	250	230
Unit 4	250	226
	500	456
Khaparkheda		
Unit 1	210	210
Unit 2	210	210
Unit 3	210	210
Unit 4	210	210
Unit 5	0	
	840	840
Nasik		
Unit 1	120	90
Unit 2	120	0
Unit 3	210	180
Unit 4	210	190
Unit 5	210	180
	870	640
Uran		
All Units	852	630
	852	630
Dabhol		
RGPP	1940	1250
	1940	1250
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	20
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	15
ELDARY	23	0
SMLHY PTN	12	27
GHATGHAR	250	0
	611	313
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	312
Other CPPs	0	
	1005	862
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	3361
	3455	3361