



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

State Load Dispatch Center, Airoli

Daily system Report

for

28/Mar/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 28/Mar/2011 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	139.085	3741.235	1) Madhya Pradesh	56.269	1492.387
2) Hydro	21.324	585.595	2) Gujrat	28.591	846.842
3) Gas	12.878	404.851	3) Goa	-6.017	-180.347
Total MSGENCO	173.287	4731.681	4) TAPS 1&2 (Inj.)	0.000	96.841
B) OTHERS			5) Pench (Excess)	-0.249	-7.261
1) RGPPL Gas	37.607	852.787	# Total Cent. Sector	78.594	2248.462
2) Wind Generation	4.382	115.042	F) Other Exchanges		
3) CPP	20.148	678.139	1) With TPCL (Excess)	-12.486	-282.407
4) PENCH (MS)	0.249	7.261	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	13.423	373.267
1) TPCL Thermal	25.778	682.196	Include PX	0.000	0.000
2) TPCL Hydro	5.294	114.073	2) MUMBAI Bilateral	11.513	281.058
TOTAL TPCL	31.072	796.269	Include PX	1.334	48.122
3) REL Thermal	12.696	354.996	3) MUMBAI Schedule	11.513	281.058
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	177.559	4778.427	1) MSEDCL	301.781	8350.965
2) Hydro (A2+B3+C2)	26.867	706.929	2) TPCL	37.225	949.791
3) Gas (A3+B1)	50.485	1257.638	3) REL	19.028	483.686
4) Wind (B2)	4.382	115.042	TOTAL STATE	358.034	9784.442
5) CPP (B3)	20.148	678.139			
TOTAL STATE	279.441	7536.175			

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	5826	5738	5709
MSGENCO Hydro	1235	1538	181
MSGENCO Gas	547	521	508
MSGENCO Total Generation	7608	7797	6398
Central Sector Receipt	3763	3180	2709
RGPPL	1547	1514	1651
WIND	74	237	184
CPP	873	868	1105
Exchange with Mumbai	-617	-579	-412
MSEDCL DEMAND MET	13251	13040	11635
Load Shedding (LS)	264	5	0
MSEDCL DEMAND (INCL. LS)	13515	13045	11635
TPCL GENERATION	1756	1574	745
REL GENERATION	528	527	530
TPCL+REL DEMAND	2901	2680	1687
STATE DEMAND MET	16152	15720	13322
Load Management (LM)	2056	3188	0
Total Load Relief (LS+LM)	2320	3193	0
UNRESTRICTED STATE DEMAND	18472	18913	13322
Frequency (Hz)	49.94	49.77	49.87

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.39 Hz at 03.54 Hrs	49.42 Hz at 18.57 Hrs	49.91	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 28/Mar/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.02	98.36	182	156	180
Unit 6	4.34	106.36	190	170	170
Unit 7	4.64	114.58	200	180	200
	13.01	319.30			550
Bhusawal					
Unit 2	4.38	101.73	190	170	190
Unit 3	4.53	121.86	195	180	200
Unit 4			0	0	
	8.92	223.59			390
Parli					
Unit 3	4.16	119.97	200	146	175
Unit 4	4.49	116.86	200	158	195
Unit 5	4.24	112.28	183	163	175
Unit 6	5.09	118.15	247	180	195
Unit 7	4.72	117.55	231	178	200
	22.69	584.81			940
Chandrapur					
Unit 1	4.03	108.95	172	159	170
Unit 2	3.96	109.57	177	152	165
Unit 3	4.37	92.95	200	160	200
Unit 4	4.17	121.42	191	150	185
Unit 5	11.23	315.00	485	445	480
Unit 6	11.00	301.94	485	400	480
Unit 7	11.17	299.41	485	437	480
	49.93	1349.24			2160
Paras					
Unit 3	4.56	149.69	250	89	250
Unit 4	4.64	136.16	253	65	250
	9.21	285.85			500
Khaparkheda					
Unit 1	4.77	132.72	205	190	210
Unit 2	4.56	129.27	195	184	210
Unit 3	4.27	138.34	221	0	210
Unit 4	5.27	144.87	223	214	210
Unit 5			0	0	
	18.87	545.19			840
Nasik					
Unit 1	2.01	35.93	94	73	71
Unit 2	2.07	48.98	95	74	81
Unit 3	4.50	119.61	200	150	162
Unit 4	4.27	122.48	196	149	172
Unit 5	3.61	106.25	193	106	162
	16.46	433.25			648
Uran					
All Units	12.88	404.85	601	484	550
	12.88	404.85			550
Dabhol					
RGPPL	37.61	852.79	1658	1512	1300
	37.61	852.79			1300
Koyna					
Stage 1-2	2.87	114.74	455	35	600
Stage 4	9.32	241.28	792	0	250
Stage 3	2.59	76.50	240	0	320
	14.77	432.52			1170
Kovna 12&4 Total	12.19	356.02			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.46	10.81	20	19	19
VTRNA	1.07	29.73	61	0	60
TILLARI	0.35	11.06	60	0	60
BHTGR/VEER	0.38	7.33	16	16	16
BHIRA T.R.	0.28	6.57	81	0	80
RNGR+BHTSA	0.36	10.01	15	15	14
BHANDARDRA	0.72	9.06	30	30	30
ELDARY	0.43	8.21	23	15	22
SMLHY PTN	1.03	27.17	43	43	0
GHATGHAR	1.45	33.12	125	0	0
	6.55	153.08			301
PENCH (MS)					
Pench (MS)	0.25	7.26	40	0	
	0.25	7.26			
Wind					
MalharPeth	0.13	3.59			
Vankuswadi	0.35	9.57			
ATIT	0.14	1.60			
Kale	0.14	3.51			
Satara	0.22	6.23			
Shirala	0.16	3.67			
K Mahankal	0.05	5.80			
Supa	0.14	3.28			
Vita	0.27	16.05			
Dondaicha	1.92	36.71			
Sakri	0.36	6.24			
Nandurbar	0.22	4.83			
Khandke	0.14	8.54			
Khaparale	0.13	5.41			
	4.38	115.04			
CPP					
JSW JAIGAD	5.12	309.24	517	0	550
WARDHA	8.25	198.30	350	339	352
Other CPPs	6.77	170.60			
	20.15	678.14			902
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.06	285.26	490	225	500
Trombay 6	6.78	135.96	440	150	500
Trombay 7A	2.66	81.36	123	86	120
Trombay 7B	1.54	45.10	67	58	60
Trombay 8	5.73	134.51	252	155	250
TATA Hydro	5.29	114.07	459	0	447
	31.07	796.27			1877
REL					
1&2	12.70	355.00	531	526	500
	12.70	355.00			500
Cent Sect					
Share					3295
					3295

MS PG CL	Thermal	139.08	3741.24		6028
	Thml+Gas	151.96	4146.09		6578
	Hydro	21.32	585.60		1471
	Total	173.29	4731.68		8049
State Total		279.44	7536.18		15923

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 28/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	5625	181	484	6290	1649	197	1093	2993	2352	-520	-617	10964	1388	10964	1975	14327	49.93
2	5664	175	496	6335	1654	186	1088	2847	2173	-373	-480	10956	1271	10956	1794	14021	50.04
3	5709	181	508	6398	1651	184	1105	2794	2709	-321	-412	11635	0	11635	1687	13322	49.87
4	5853	196	542	6591	1658	213	1085	2861	2760	-271	-371	11936	444	11936	1619	13999	50.06
5	5917	179	545	6641	1656	242	573	2861	2881	-271	-340	11653	1534	11653	1591	14778	49.95
6	6011	185	547	6743	1654	262	593	2822	3340	-227	-313	12279	1894	12279	1666	15839	49.84
7	6006	239	598	6843	1644	278	618	2956	3505	-229	-330	12558	2051	12558	1730	16339	49.96
8	5993	241	601	6835	1542	199	628	3099	3675	-373	-434	12462	2227	12638	1888	16577	50.10
9	5937	897	594	7428	1543	96	653	3168	3765	-444	-508	13003	2245	13197	2178	17426	49.98
10	5959	1586	587	8132	1547	97	660	3134	3479	-417	-477	13464	2265	13681	2585	18314	49.92
11	5998	1401	580	7979	1549	80	761	3224	3516	-516	-582	13329	2294	13574	2834	18457	49.91
12	5826	1235	547	7608	1547	74	873	3252	3763	-613	-617	13251	2320	13515	2901	18472	49.94
13	5909	1418	548	7875	1550	68	852	3284	3602	-653	-666	13281	2328	13553	2891	18500	49.93
14	5900	1311	539	7750	1549	99	862	3188	3756	-556	-587	13429	2316	13689	2800	18545	49.99
15	5851	1145	537	7533	1545	174	866	3276	3737	-629	-659	13196	2283	13560	2882	18361	49.92
16	5831	1252	496	7579	1532	234	852	3318	3725	-629	-658	13264	2270	13615	2871	18405	49.82
17	5784	1635	494	7913	1525	246	867	3267	3394	-556	-601	13344	2226	13669	2801	18371	49.72
18	5788	1731	489	8008	1526	258	846	3282	3516	-570	-566	13588	2121	13962	2734	18443	50.01
19	5798	1340	490	7628	1517	349	862	3131	2996	-517	-511	12858	2988	13059	2636	18482	49.93
20	5738	1538	521	7797	1514	237	868	3262	3180	-589	-579	13040	3193	13045	2680	18913	49.77
21	5461	1320	528	7309	1514	159	869	3247	3311	-589	-576	12626	3188	12626	2617	18431	49.75
22	5519	1031	532	7082	1516	170	851	3225	3043	-580	-558	12141	3188	12141	2485	17814	49.74
23	5535	602	537	6674	1512	143	863	3154	3579	-580	-571	12234	3188	12234	2236	17658	49.80
24	5473	305	538	6316	1513	137	960	2992	2837	-489	-473	11290	3188	11290	2173	16651	49.84
MUs	139.08	21.32	12.88	173.29	37.61	4.38	20.15	74.64	78.59	-11.51	-12.49	301.78	52.41	305.03	56.25	410.44	49.91

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 28/Mar/2011

Position as on 6.30 Hrs of 29/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.	27/04/2011
Cent_Sect Tarapur 1	80	22/03/2011	22.18		Continued.	7 Days Maint.Work.	29/03/2011
FORCED OUTAGE							
Koyna ST-IV 2	250	27/03/2011	22.30	28/03/2011	04.30	Preventive maint.work	
CPP JSW (J) U1	300	28/03/2011	04.13	28/03/2011	22.50	Due to tripping of N.Koyna-Jaigad lines	
CPP JSW (J) U2	300	28/03/2011	04.13	28/03/2011	09.38	Due to tripping of N.Koyna-Jaigad lines	
Cent_Sect NTPC(K-3)	210	28/03/2011	10.25	28/03/2011	14.21	Gas Restriction	
Khaparkheda Unit 3	210	28/03/2011	19.58		Continued.	Boiler Tube Leakage	31/03/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/Mar/2011

Position as on 6.30 Hrs of 29/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Akola - Aurangabad- II	28/03/2011	12.08	28/03/2011	20.14	R.M.work (Line on Tie Breaker)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule - S'Sarovar- II	27/03/2011	23.24	28/03/2011	08.08	Over Voltage
Dhule-Sar'Sarovar - I	28/03/2011	15.09		Continued.	Over Voltage
Kolhapur - Mapusa - II	28/03/2011	22.10		Continued.	Over Voltage
Akola - Wardha - II	28/03/2011	23.05		Continued.	Over Voltage
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 up to 10.04.2011.
Lonikand-Karad	20/03/2011	07:45		Continued.	Errection of 2 Nos. of In line towers at Loc. No. 328 (Up to 29/3/11)
400/220 KV 315 MVA ICT-III @ Lonikand.	28/03/2011	11.08		Continued.	Breaker O/H work,HV side on TBC
Newkoyna - Jaigad - I	28/03/2011	15.32	28/03/2011	18.23	Insulator washing
Chandrapur - Parli - III	28/03/2011	17.21	28/03/2011	17.42	For withdrawal of Line Reactor
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
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.
220/100 KV 125MVA ICT-II @ Borivali	19/03/2011	09.30		Continued.	Augmentation by 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)
Pedambe - Karad	28/03/2011	06.22	28/03/2011	20.20	Bus Section-II outage at Pedambe
Pedambe-Kharepatan	28/03/2011	06.26	28/03/2011	15.40	Bus Section-II outage at Pedambe
Pedambe-Tambati	28/03/2011	06.57	28/03/2011	15.55	Bus Section-II outage at Pedambe
Pedambe - Pophali	28/03/2011	06.57	28/03/2011	18.00	Bus Section-II outage at Pedambe
Main Bus Section-II at Pedambe	28/03/2011	06.57	28/03/2011	15.12	Main Bus side Isolator O/H work and replacement of Damaged support Insulator
Akola - Badnera - II	28/03/2011	08.13	28/03/2011	12.28	Replacement of Broken Disc
Main Bus Section-I at Wathar	28/03/2011	09.45	28/03/2011	12.45	To attend Hot Spot
Wadhkal-Ispat II	28/03/2011	10.16	28/03/2011	12.07	Testing work
New Paras TPS - Chikhali - II	28/03/2011	13.56	28/03/2011	18.06	Jumpering work of New Bus
220/132KV 200 MVA ICT-II @ Chikhali	28/03/2011	13.56	28/03/2011	17.52	Jumpering work of New Bus
Main Bus Section-II at Chikhali	28/03/2011	14.00	28/03/2011	17.52	Jumpering work of New Bus
Aurangabad-Shendra	28/03/2011	14.05	28/03/2011	16.30	Alignment work of Isolators

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/Mar/2011

Position as on 6.30 Hrs of 29/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Jalna - GAPS	28/03/2011	08.50	28/03/2011	18.20	LILO arrangement for 132KV Badnapur
Paras-Malkapur	28/03/2011	10.00	28/03/2011	12.08	To attend Hot Glow on Line side Isolator
Main Bus at Amravati	28/03/2011	12.20	28/03/2011	14.05	To attend Hot Glow on Bus Side Isolator
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)
220/132 KV,100 MVA ICT At Hinganghat	28/03/2011	11.45	28/03/2011	14.32	To attend Oil Leakage
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	27/03/2011	20:44	28/03/2011	05.36	Over Voltage
Karad - Kolhapur - I	28/03/2011	22.05		Continued.	Over Voltage
Bhusawal- Aurangabad	28/03/2011	23.10	29/03/2011	04.20	Over Voltage
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.
Dhule-Chalisgaon	23/03/2011	12.48		Continued.	To Control Dhule ICT Loading.
Hingoli-Pusad	28/03/2011	06.17		Continued.	To control Load on Wardha-Yavatmal line
Karad-Mudsingi-IV	28/03/2011	23.18		Continued.	To attend SF6 Gas Leakage
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
Voltage Level : 400KV			Outage Type TRIPPED		
New Koyna-Jaigad II	28/03/2011	03.50	28/03/2011	06.03	Distance Protection
Newkoyna - Jaigad - I	28/03/2011	04.13	28/03/2011	06.28	Distance Protection
Newkoyna - Jaigad - I	29/03/2011	05.28	29/03/2011	06.09	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		
Amravati - Tiwsa	28/03/2011	11.10	28/03/2011	13.14	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 29/Mar/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	162
Unit 6	210	171
Unit 7	210	180
	620	513
Bhusawal		
Unit 2	210	190
Unit 3	210	200
Unit 4	0	
	420	390
Parli		
Unit 3	210	190
Unit 4	210	198
Unit 5	210	170
Unit 6	250	230
Unit 7	250	225
	1130	1013
Chandrapur		
Unit 1	210	170
Unit 2	210	165
Unit 3	210	200
Unit 4	210	190
Unit 5	500	480
Unit 6	500	480
Unit 7	500	480
	2340	2165
Paras		
Unit 3	250	100
Unit 4	250	55
	500	155
Khaparkheda		
Unit 1	210	195
Unit 2	210	200
Unit 3	210	0
Unit 4	210	220
Unit 5	0	
	840	615
Nasik		
Unit 1	120	81
Unit 2	120	81
Unit 3	210	162
Unit 4	210	172
Unit 5	210	162
	870	658
Uran		
All Units	852	520
	852	520
Dabhol		
RGPP	1940	1450
	1940	1450
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	16
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	30
ELDARY	23	
SMLHY PTN	12	25
GHATGHAR	250	
	611	304
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		
JSW JAIGAD	600	550
WARDHA	405	352
Other CPPs	0	
	1005	902
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	3234
	3455	3234