



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

State Load Dispatch Center, Airoli

Daily system Report

for

27/Mar/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 27/Mar/2011 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	136.314	3602.150	1) Madhya Pradesh	54.091	1436.118
2) Hydro	16.625	564.271	2) Gujrat	33.875	818.251
3) Gas	13.620	391.973	3) Goa	-6.050	-174.330
Total MSGENCO	166.559	4558.394	4) TAPS 1&2 (Inj.)	0.000	96.841
B) OTHERS			5) Pench (Excess)	-0.187	-7.012
1) RGPPL Gas	39.044	815.180	# Total Cent. Sector	81.729	2169.868
2) Wind Generation	1.761	110.660	F) Other Exchanges		
3) CPP	22.290	657.991	1) With TPCL (Excess)	-11.466	-269.921
4) PENCH (MS)	0.187	7.012	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	9.342	359.844
1) TPCL Thermal	19.179	656.418	Include PX	0.000	0.000
2) TPCL Hydro	2.487	108.779	2) MUMBAI Bilateral	11.332	269.545
TOTAL TPCL	21.666	765.197	Include PX	2.333	46.788
3) REL Thermal	12.587	342.300	3) MUMBAI Schedule	11.332	269.545
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	168.080	4600.868	1) MSEDCL	300.104	8049.184
2) Hydro (A2+B3+C2)	19.299	680.062	2) TPCL	29.547	912.566
3) Gas (A3+B1)	52.664	1207.153	3) REL	16.171	464.658
4) Wind (B2)	1.761	110.660	TOTAL STATE	345.822	9426.408
5) CPP (B3)	22.290	657.991			
TOTAL STATE	264.094	7256.734			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	5642	5641	5620
MSGENCO Hydro	1189	900	182
MSGENCO Gas	598	521	594
MSGENCO Total Generation	7429	7062	6396
Central Sector Receipt	3712	3561	2953
RGPPL	1559	1638	1659
WIND	45	110	104
CPP	921	934	878
Exchange with Mumbai	-399	-497	-324
MSEDCL DEMAND MET	13273	12828	11666
Load Shedding (LS)	362	0	0
MSEDCL DEMAND (INCL. LS)	13635	12828	11666
TPCL GENERATION	1125	1168	732
REL GENERATION	529	518	531
TPCL+REL DEMAND	2053	2183	1587
STATE DEMAND MET	15326	15011	13253
Load Management (LM)	2105	3361	1633
Total Load Relief (LS+LM)	2467	3361	1633
UNRESTRICTED STATE DEMAND	17793	18372	14886
Frequency (Hz)	50.00	49.88	49.89

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.47 Hz at 18:04 Hrs	49.43 Hz at 00:17 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 27/Mar/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.93	94.33	172	153	170
Unit 6	4.06	102.02	190	145	190
Unit 7	4.28	109.94	190	165	200
	12.27	306.30			560
Bhusawal					
Unit 2	4.27	97.34	185	160	190
Unit 3	4.42	117.33	195	175	200
Unit 4			0	0	
	8.70	214.68			390
Parli					
Unit 3	4.05	115.82	198	132	165
Unit 4	4.23	112.37	200	155	175
Unit 5	2.79	108.04	163	0	35
Unit 6	5.28	113.06	243	193	215
Unit 7	5.28	112.83	232	204	210
	21.63	562.12			800
Chandrapur					
Unit 1	3.93	104.92	173	155	170
Unit 2	3.98	105.61	174	158	165
Unit 3	4.36	88.58	199	132	200
Unit 4	4.20	117.26	190	132	190
Unit 5	11.38	303.76	485	452	480
Unit 6	9.45	290.94	425	320	400
Unit 7	11.38	288.23	480	458	480
	48.69	1299.30			2085
Paras					
Unit 3	5.43	145.13	248	176	250
Unit 4	5.28	131.52	249	163	250
	10.70	276.64			500
Khaparkheda					
Unit 1	4.75	127.94	210	190	210
Unit 2	4.38	124.71	194	161	185
Unit 3	5.18	134.07	221	197	215
Unit 4	5.25	139.60	223	210	210
Unit 5			0	0	
	19.56	526.32			820
Nasik					
Unit 1	1.69	33.92	80	57	81
Unit 2	1.89	46.91	90	70	81
Unit 3	4.00	115.12	180	120	162
Unit 4	4.07	118.21	190	146	172
Unit 5	3.11	102.64	174	99	162
	14.77	416.79			658
Uran					
All Units	13.62	391.97	625	495	580
	13.62	391.97			580
Dabhol					
RGPPL	39.04	815.18	1665	1559	1660
	39.04	815.18			1660
Koyna					
Stage 1-2	3.16	111.87	530	30	600
Stage 4	5.44	231.96	740	0	250
Stage 3	1.83	73.92	230	0	320
	10.43	417.75			1170
Kovna 12&4 Total	8.60	343.83			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.46	10.35	20	19	19
VTRNA	1.13	28.65	61	0	60
TILLARI	0.36	10.71	60	0	60
BHTGR/VEER	0.39	6.95	17	16	16
BHIRA T.R.	0.29	6.29	80	0	80
RNGR+BHTSA	0.34	9.65	15	14	15
BHANDARDRA	0.74	8.34	31	30	30
ELDARY	0.42	7.78	23	14	15
SMLHY PTN	1.04	26.14	44	43	0
GHATGHAR	1.01	31.66	120	0	0
	6.19	146.52			295
PENCH (MS)					
Pench (MS)	0.19	7.01	47	0	
	0.19	7.01			
Wind					
MalharPeth	0.07	3.46			
Vankuswadi	0.25	9.22			
ATIT	0.04	1.47			
Kale	0.12	3.37			
Satara	0.31	6.00			
Shirala	0.10	3.51			
K Mahankal	0.00	5.76			
Supa	0.09	3.14			
Vita	0.17	15.77			
Dondaicha	0.12	34.78			
Sakri	0.03	5.89			
Nandurbar	0.00	4.60			
Khandke	0.34	8.40			
Khaparale	0.11	5.28			
	1.76	110.66			
CPP					
JSW JAIGAD	7.61	304.12	461	217	550
WARDHA	8.28	190.05	362	332	366
Other CPPs	6.40	163.82			
	22.29	657.99			916
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	5.54	276.20	240	225	250
Trombay 6	3.60	129.18	150	150	500
Trombay 7A	2.83	78.69	125	94	120
Trombay 7B	1.58	43.56	68	59	60
Trombay 8	5.63	128.78	252	150	250
TATA Hydro	2.49	108.78	382	0	447
	21.67	765.20			1627
REL					
1&2	12.59	342.30	531	494	500
	12.59	342.30			500
Cent Sect					
Share					3247
					3247

MS PG CL	Thermal	136.31	3602.15		5813
	Thml+Gas	149.93	3994.12		6393
	Hydro	16.62	564.27		1465
	Total	166.56	4558.39		7858
State Total		264.09	7256.73		15808

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 27/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	5706	248	594	6548	1656	56	878	3065	2628	-603	-577	11189	3170	11189	1938	16297	49.77
2	5694	188	591	6473	1665	71	889	2970	2564	-492	-475	11187	3170	11187	1745	16102	50.01
3	5693	188	594	6475	1660	80	879	2891	2487	-404	-393	11188	2052	11188	1654	14894	49.92
4	5620	182	594	6396	1659	104	878	2819	2953	-330	-324	11666	1633	11666	1587	14886	49.89
5	5615	186	593	6394	1661	111	888	2819	3151	-330	-317	11888	1719	11888	1578	15185	49.87
6	5751	227	623	6601	1662	102	916	2756	3397	-262	-247	12431	1970	12431	1609	16010	49.88
7	5766	317	625	6708	1665	85	930	2894	3548	-262	-255	12681	1985	12696	1618	16284	49.93
8	5866	441	604	6911	1652	68	914	2914	3638	-284	-275	12908	2068	13006	1638	16614	49.84
9	5834	724	600	7158	1584	62	906	3014	3951	-380	-367	13294	2195	13519	1751	17240	49.98
10	5816	1065	617	7498	1568	67	904	3011	3419	-382	-359	13097	2222	13353	1891	17210	49.97
11	5709	839	604	7152	1561	52	911	3063	3734	-434	-396	13030	2339	13314	2044	17413	49.93
12	5642	1189	598	7429	1559	45	921	3076	3712	-380	-399	13273	2467	13635	2053	17793	50.00
13	5667	1483	578	7728	1571	33	936	3286	3709	-594	-637	13340	2505	13740	2034	17879	49.91
14	5653	1601	544	7798	1624	28	935	3286	3528	-594	-626	13287	2483	13665	1984	17754	49.89
15	5692	1298	544	7534	1621	31	935	3239	3732	-544	-581	13272	2489	13638	1953	17714	49.92
16	5624	1061	544	7229	1621	40	936	3246	3773	-544	-582	13017	2413	13307	1958	17388	49.85
17	5634	986	542	7162	1628	77	933	3247	4022	-520	-564	13258	2415	13593	1936	17609	49.93
18	5666	856	543	7065	1640	90	924	3272	3923	-520	-559	13083	2218	13447	1968	17269	50.11
19	5606	597	542	6745	1637	118	931	3102	3577	-474	-505	12545	3074	12697	1972	17591	49.98
20	5641	900	521	7062	1638	110	934	3255	3561	-522	-497	12828	3361	12828	2183	18372	49.88
21	5604	753	513	6870	1627	73	837	3164	3549	-546	-530	12473	3361	12473	2198	18032	49.79
22	5679	669	514	6862	1618	81	1039	3146	2899	-517	-523	12020	3361	12020	2200	17581	49.76
23	5589	345	503	6437	1620	56	1050	3288	3426	-728	-767	11834	3361	11834	2132	17327	49.83
24	5547	282	495	6324	1647	121	1086	3165	2845	-690	-711	11312	3361	11312	2095	16768	49.97
MUs	136.31	16.62	13.62	166.56	39.04	1.76	22.29	73.99	81.73	-11.33	-11.47	300.10	61.39	303.63	45.72	407.21	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 27/Mar/2011

Position as on 6.30 Hrs of 28/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							
CPP JSW (J) U2	300	24/03/2011	10.30	27/03/2011	21:04	ESP problem.	
Parli Unit 5	210	26/03/2011	11.32	27/03/2011	05.07	Unit auxiliary T/F.	
Cent_Sect NTPC (V-1)	210	26/03/2011	19.31	27/03/2011	15:24	Boiler tube leakage.	
Cent_Sect NTPC(K-7)	500	27/03/2011	18:31		Continued.	Tripped.	29/03/2011
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		Continued.	Due to tripping of N.Koyna-Jaigad lines	
CPP JSW (J) U2	300	28/03/2011	04.13		Continued.	Due to tripping of N.Koyna-Jaigad lines	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Mar/2011

Position as on 6.30 Hrs of 28/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Tarapur - Boiser	27/03/2011	09.08	27/03/2011	18.59	Relay Work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - I	26/03/2011	17.56	27/03/2011	08.19	Over Voltage.
Kolhapur - Mapusa - I	27/03/2011	23.08	27/03/2011	08.14	Over Voltage
Akola - Wardha - II	27/03/2011	23.20	27/03/2011	07.12	Over Voltage
Dhule - S'Sarovar- II	27/03/2011	23.24		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)
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)
Kharghar-Nerul	27/03/2011	07.20	27/03/2011	14.30	Alignment of Isolator
Boiser-Versova	27/03/2011	07.32	27/03/2011	13.05	R.M.Work
Khargar-Topworth	27/03/2011	08.25	27/03/2011	18.49	E/W replacement work
Kandalgaon - ONGC	27/03/2011	08.30	27/03/2011	18.41	E/W Stringing work
Trombay - Salsette - II Dharavi	27/03/2011	08.35	27/03/2011	20.20	Conductor Tighting work
Parli Ext.-Nanded	27/03/2011	09:22	27/03/2011	16:24	Stringing of Bhadravati-Parli PG Crossing at Loc.373.374.
Pusad - Nanded	27/03/2011	09:25	27/03/2011	15:40	Stringing of Bhadravati-Parli PG Crossing at Loc 373.374.
Chakan-Volkaswagon	27/03/2011	15:31	27/03/2011	18:56	Stringing Work.
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)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - I	26/03/2011	21.18	27/03/2011	06.37	Over Voltage.
Bhusawal- Aurangabad	26/03/2011	21.45	27/03/2011	05.21	Over Voltage.
Bhusawal- Aurangabad	27/03/2011	20:44	28/03/2011	05.36	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

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Mar/2011

Position as on 6.30 Hrs of 28/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
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.
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		
Newkoyna - Jaigad - I	27/03/2011	02.00	27/03/2011	04.13	Distance protection.
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

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 28/Mar/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	180
Unit 6	210	170
Unit 7	210	200
	620	550
Bhusawal		
Unit 2	210	190
Unit 3	210	200
Unit 4	0	
	420	390
Parli		
Unit 3	210	175
Unit 4	210	195
Unit 5	210	175
Unit 6	250	195
Unit 7	250	200
	1130	940
Chandrapur		
Unit 1	210	170
Unit 2	210	165
Unit 3	210	200
Unit 4	210	185
Unit 5	500	480
Unit 6	500	480
Unit 7	500	480
	2340	2160
Paras		
Unit 3	250	250
Unit 4	250	250
	500	500
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	71
Unit 2	120	81
Unit 3	210	162
Unit 4	210	172
Unit 5	210	162
	870	648
Uran		
All Units	852	550
	852	550
Dabhol		
RGPP	1940	1300
	1940	1300
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	19

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	14
BHANDARDRA	45	30
ELDARY	23	22
SMLHY PTN	12	0
GHATGHAR	250	0
	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	
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	3295
	3455	3295