



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

State Load Dispatch Center, Airoli

Daily system Report

for

26/Mar/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 26/Mar/2011 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	134.635	3465.836	1) Madhya Pradesh	51.028	1382.027
2) Hydro	18.604	547.646	2) Gujrat	32.521	784.376
3) Gas	15.387	378.353	3) Goa	-6.522	-168.280
Total MSGENCO	168.626	4391.835	4) TAPS 1&2 (Inj.)	0.000	96.841
B) OTHERS			5) Pench (Excess)	-0.356	-6.825
1) RGPPL Gas	35.512	776.136	# Total Cent. Sector	76.671	2088.139
2) Wind Generation	2.493	108.899	F) Other Exchanges		
3) CPP	21.902	635.701	1) With TPCL (Excess)	-9.479	-258.455
4) PENCH (MS)	0.356	6.825	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	9.521	350.502
1) TPCL Thermal	24.470	637.239	Include PX	0.000	0.000
2) TPCL Hydro	5.030	106.292	2) MUMBAI Bilateral	9.368	258.214
TOTAL TPCL	29.500	743.531	Include PX	0.300	44.456
3) REL Thermal	12.702	329.713	3) MUMBAI Schedule	9.368	258.214
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	171.807	4432.788	1) MSEDCL	296.081	7749.080
2) Hydro (A2+B3+C2)	23.990	660.763	2) TPCL	33.800	883.019
3) Gas (A3+B1)	50.899	1154.489	3) REL	17.781	448.487
4) Wind (B2)	2.493	108.899	TOTAL STATE	347.662	9080.586
5) CPP (B3)	21.902	635.701			
TOTAL STATE	271.091	6992.640			

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	5742	5641	5447
MSGENCO Hydro	908	1112	197
MSGENCO Gas	617	628	666
MSGENCO Total Generation	7267	7381	6310
Central Sector Receipt	3761	3416	2510
RGPPL	1456	1641	1311
WIND	188	78	111
CPP	887	978	861
Exchange with Mumbai	-576	-526	-242
MSEDCL DEMAND MET	13009	13021	10861
Load Shedding (LS)	355	26	2
MSEDCL DEMAND (INCL. LS)	13364	13047	10863
TPCL GENERATION	1507	1469	867
REL GENERATION	528	529	530
TPCL+REL DEMAND	2611	2524	1639
STATE DEMAND MET	15620	15545	12500
Load Management (LM)	2338	3298	1999
Total Load Relief (LS+LM)	2693	3324	2001
UNRESTRICTED STATE DEMAND	18313	18869	14501
Frequency (Hz)	49.66	49.73	49.83

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 08:01 Hrs	49.16 Hz at 20:17 Hrs	49.72	.15 % 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 26/Mar/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.04	90.40	180	156	160
Unit 6	3.95	97.96	176	154	160
Unit 7	4.20	105.66	190	140	180
	12.19	294.03			500
Bhusawal					
Unit 2	4.22	93.08	185	170	190
Unit 3	4.12	112.90	195	15	200
Unit 4			0	0	
	8.34	205.98			390
Parli					
Unit 3	4.35	111.76	198	149	180
Unit 4	4.52	108.14	198	178	190
Unit 5	1.56	105.26	163	0	125
Unit 6	5.55	107.78	245	212	220
Unit 7	4.95	107.55	253	77	230
	20.95	540.49			945
Chandrapur					
Unit 1	3.91	101.00	172	151	165
Unit 2	3.96	101.62	172	157	165
Unit 3	4.37	84.23	199	147	195
Unit 4	4.15	113.05	192	134	150
Unit 5	10.90	292.38	485	400	450
Unit 6	9.45	281.48	410	350	400
Unit 7	11.04	276.86	481	406	480
	47.78	1250.62			2005
Paras					
Unit 3	5.75	139.70	260	204	250
Unit 4	5.71	126.24	250	206	250
	11.47	265.94			500
Khaparkheda					
Unit 1	4.55	123.20	205	170	190
Unit 2	4.46	120.32	196	169	190
Unit 3	4.98	128.89	221	190	210
Unit 4	5.25	134.34	221	213	210
Unit 5			0	0	
	19.24	506.76			800
Nasik					
Unit 1	0.25	32.23	63	0	0
Unit 2	1.94	45.02	91	65	81
Unit 3	4.11	111.12	190	130	162
Unit 4	4.24	114.14	197	143	172
Unit 5	4.15	99.53	188	138	162
	14.68	402.02			577
Uran					
All Units	15.39	378.35	684	604	670
	15.39	378.35			670
Dabhol					
RGPPL	35.51	776.14	1657	1301	1270
	35.51	776.14			1270
Koyna					
Stage 1-2	3.77	108.70	490	35	520
Stage 4	5.52	226.52	836	0	250
Stage 3	2.66	72.08	288	0	320
	11.95	407.31			1090
Kovna 12&4 Total	9.29	335.23			770

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.46	9.89	19	18	19
VTRNA	1.14	27.52	61	0	60
TILLARI	0.36	10.35	60	0	60
BHTGR/VEER	0.37	6.56	16	15	15
BHIRA T.R.	0.28	6.00	82	0	80
RNGR+BHTSA	0.34	9.31	15	14	15
BHANDARDRA	0.71	7.61	30	29	26
ELDARY	0.42	7.36	22	14	15
SMLHY PTN	1.50	25.10	63	62	17
GHATGHAR	1.07	30.65	125	0	0
	6.65	140.33			307
PENCH (MS)					
Pench (MS)	0.36	6.82	53	0	
	0.36	6.82			
Wind					
MalharPeth	0.10	3.39			
Vankuswadi	0.30	8.98			
ATIT	0.04	1.43			
Kale	0.13	3.25			
Satara	0.36	5.69			
Shirala	0.13	3.40			
K Mahankal	0.02	5.75			
Supa	0.11	3.05			
Vita	0.35	15.60			
Dondaicha	0.54	34.67			
Sakri	0.12	5.85			
Nandurbar	0.06	4.60			
Khandke	0.15	8.06			
Khaparale	0.07	5.18			
	2.49	108.90			
CPP					
JSW JAIGAD	7.39	296.51	313	302	275
WARDHA	7.19	181.77	350	244	366
Other CPPs	7.32	157.42			
	21.90	635.70			641
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.50	270.67	485	250	500
Trombay 6	4.11	125.58	250	150	500
Trombay 7A	2.91	75.86	124	118	120
Trombay 7B	1.61	41.98	68	66	60
Trombay 8	5.33	123.15	250	150	250
TATA Hydro	5.03	106.29	459	0	447
	29.50	743.53			1877
REL					
1&2	12.70	329.71	531	527	500
	12.70	329.71			500
Cent Sect					
Share					3296
					3296

MS PG CL	Thermal	134.64	3465.84			5717
	Thml+Gas	150.02	3844.19			6387
	Hydro	18.60	547.65			1397
	Total	168.63	4391.84			7784
State Total		271.09	6992.64			15368

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/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	5524	262	657	6443	1301	207	869	3057	2256	-346	-344	10732	3163	10732	1846	15741	49.61
2	5390	229	666	6285	1308	180	852	3072	2001	-303	-287	10339	3163	10339	1737	15239	49.74
3	5447	197	666	6310	1311	111	861	3024	2510	-253	-242	10861	2001	10863	1639	14501	49.83
4	5516	202	666	6384	1310	105	856	2977	2828	-204	-188	11295	1623	11297	1583	14501	49.76
5	5563	192	666	6421	1311	108	841	2977	2911	-204	-185	11407	1711	11409	1556	14674	49.80
6	5582	410	667	6659	1308	105	844	2847	3011	-67	-200	11727	2046	11731	1671	15444	49.68
7	5734	511	684	6929	1322	80	888	3105	3116	-98	-110	12225	2248	12231	1661	16134	49.80
8	5831	675	671	7177	1342	94	891	3154	3257	-148	-154	12607	2262	12627	1753	16622	50.02
9	5827	594	648	7069	1347	107	887	3305	3460	-299	-301	12569	2395	12722	1966	16930	49.86
10	5877	874	639	7390	1392	128	889	3378	3607	-377	-371	13055	2409	13223	2282	17746	49.66
11	5884	724	624	7232	1421	185	881	3480	3610	-474	-499	12856	2464	13042	2534	17854	49.70
12	5742	908	617	7267	1456	188	887	3573	3761	-567	-576	13009	2693	13364	2611	18313	49.66
13	5515	1351	629	7495	1520	146	930	3530	3716	-605	-600	13233	2753	13648	2598	18584	49.68
14	5460	1411	626	7497	1583	45	953	3428	3625	-493	-499	13224	2726	13612	2461	18411	49.72
15	5491	1629	625	7745	1543	24	952	3429	3531	-493	-503	13298	2551	13692	2505	18354	49.57
16	5503	1642	618	7763	1610	67	958	3453	3418	-517	-528	13288	2451	13582	2547	18286	49.57
17	5610	1532	617	7759	1624	63	975	3401	3474	-469	-482	13413	2347	13628	2492	18252	49.64
18	5581	1311	629	7521	1630	93	963	3402	3520	-469	-464	13263	2015	13473	2427	17705	49.62
19	5594	895	630	7119	1637	89	977	3186	3363	-485	-476	12729	3002	12878	2376	18107	49.71
20	5641	1112	628	7381	1641	78	978	3310	3416	-533	-526	13021	3324	13047	2524	18869	49.73
21	5552	792	635	6979	1642	69	983	3310	3377	-533	-529	12571	3298	12571	2508	18377	49.67
22	5560	585	635	6780	1644	81	937	3334	3102	-517	-505	12089	3298	12089	2364	17751	49.64
23	5595	307	640	6542	1652	81	947	3211	3173	-469	-464	11981	3298	11981	2112	17391	49.73
24	5616	259	604	6479	1657	59	903	3159	2628	-450	-446	11289	3298	11289	1928	16515	49.79
MUs	134.64	18.60	15.39	168.63	35.51	2.49	21.90	78.10	76.67	-9.37	-9.48	296.08	62.54	299.07	51.68	410.30	49.72

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 26/Mar/2011

Position as on 6.30 Hrs of 27/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							
Dabhol 2A	230	22/03/2011	21.43	26/03/2011	06.37	Capacity Demonstration for 3 days.	
CPP JSW (J) U2	300	24/03/2011	10.30	27/03/2011	21:04	ESP problem.	
Nasik Unit 1	125	24/03/2011	23.40	26/03/2011	18.20	Governer problem.	
Koyana Unit 5	80	26/03/2011	07.10	26/03/2011	16.20	Governer oil pump motor replacement.	
Parli Unit 5	210	26/03/2011	11.32	27/03/2011	05.07	Unit auxiliary T/F.	
Bhusawal Unit 3	210	26/03/2011	12.20	26/03/2011	13.55	Flashover on boiler Board.	
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

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Mar/2011

Position as on 6.30 Hrs of 27/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Karad - Solapur (PGCIL)	25/03/2011	19.17	26/03/2011	00.11	To attend VT fuse failure.
Chandrapur-Bhadravati-II	26/03/2011	10.09	26/03/2011	22.05	PGCIL work of 400KV Bhadravati-Parli ckt.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Tarapur - Boiser	26/03/2011	09.39	26/03/2011	18.53	Maintenance work.
Tarapur - Boiser	27/03/2011	09.08	27/03/2011	18.59	Relay Work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur-Mapusa-II	25/03/2011	23.43	26/03/2011	09.32	Over Voltage
Dhule-Sar'Sarovar - I	26/03/2011	00.02	26/03/2011	10.58	Over Voltage
Akola - Wardha - I	26/03/2011	01.08	26/03/2011	09.21	Over Voltage
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
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Sar'Sarovar - II	25/03/2011	18.02	26/03/2011	07.43	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Boiser - Tarapur	26/03/2011	02.35	26/03/2011	03.32	Over current.
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)
50 MVAR Reactor on 400KV Parli Ckt.I at Chandrapur	21/03/2011	17.15	26/03/2011	05.28	OIL Filtration Work.
Chandrapur - Parli - I	25/03/2011	06.00	26/03/2011	05.28	Replacement of R&B Phase CVT
Babaleshwar - Dhule - II	26/03/2011	09.36	26/03/2011	18.40	Attending Y ph.jumper.
Dabhol - New Koyna - I	26/03/2011	12.06	26/03/2011	12.25	Taken on TBC for SF6 gas filling.
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)
Padgha - Nalasopara	25/03/2011	11.14	26/03/2011	07.58	Insulator replacement at Loc.No.101 and 104.
220/132 KV 200 MVA ICT	26/03/2011	09.27	26/03/2011	17.39	Tan delta measurement.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Mar/2011

Position as on 6.30 Hrs of 27/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
- II @ Raymand					
Apta - Tambati	26/03/2011	09.50	26/03/2011	15.21	R.M.Work
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-Volkaswagun	27/03/2011	15:31	27/03/2011	18:56	Stringing Work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Chalisgaon - Manmad - I	25/03/2011	12.44	26/03/2011	03.05	R ph.CT replacement 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		
Bhusawal- Aurangabad	25/03/2011	18.04	26/03/2011	05.20	Over Voltage.
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.
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.
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.
Voltage Level : 220KV			Outage Type TRIPPED		
Kalmeshwar-Ambazari	24/03/2011	12.17	26/03/2011	04.31	Distance protection.
220/132 KV 200 MVA ICT-II @ Boiser	26/03/2011	02.28	26/03/2011	08.40	Bus insulator flashover.
M'Peth -Vankuswade	26/03/2011	12.25	26/03/2011	19.15	Distance protection.Declared faulty.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 27/Mar/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	170
Unit 6	210	190
Unit 7	210	200
	620	560
Bhusawal		
Unit 2	210	190
Unit 3	210	200
Unit 4	0	
	420	390
Parli		
Unit 3	210	165
Unit 4	210	175
Unit 5	210	35
Unit 6	250	215
Unit 7	250	210
	1130	800
Chandrapur		
Unit 1	210	170
Unit 2	210	165
Unit 3	210	200
Unit 4	210	190
Unit 5	500	480
Unit 6	500	400
Unit 7	500	480
	2340	2085
Paras		
Unit 3	250	250
Unit 4	250	250
	500	500
Khaparkheda		
Unit 1	210	210
Unit 2	210	185
Unit 3	210	215
Unit 4	210	210
Unit 5	0	
	840	820
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	580
	852	580
Dabhol		
RGPP	1940	1660
	1940	1660
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	15
BHANDARDRA	45	30
ELDARY	23	15
SMLHY PTN	12	0
GHATGHAR	250	0
	611	295
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	366
Other CPPs	0	
	1005	916
Tata		
Trombay 4	150	0
Trombay 5	500	250
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1627
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3247
	3455	3247