



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

State Load Dispatch Center, Airoli

Daily system Report

for

24/Apr/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 24/Apr/2011 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	129.504	3051.113	1) Madhya Pradesh	53.042	1241.694
2) Hydro	11.339	559.785	2) Gujrat	34.871	774.799
3) Gas	15.311	357.055	3) Goa	-5.731	-159.439
Total MSGENCO	156.154	3967.953	4) TAPS 1&2 (Inj.)	7.820	157.881
B) OTHERS			5) Pench (Excess)	-0.082	-5.605
1) RGPPL Gas	34.403	831.976	# Total Cent. Sector	89.920	2009.330
2) Wind Generation	4.369	140.415	F) Other Exchanges		
3) CPP	25.389	581.048	1) With TPCL (Excess)	-10.758	-303.110
4) PENCH (MS)	0.082	5.605	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	14.195	345.741
1) TPCL Thermal	23.721	592.628	Include PX	0.000	2.294
2) TPCL Hydro	0.010	91.252	2) MUMBAI Bilateral	11.845	318.871
TOTAL TPCL	23.731	683.880	Include PX	-1.296	22.554
3) REL Thermal	12.544	301.582	3) MUMBAI Schedule	11.845	321.246
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	165.769	3945.323	1) MSEDCL	299.559	7233.217
2) Hydro (A2+B3+C2)	11.431	656.642	2) TPCL	30.550	850.824
3) Gas (A3+B1)	49.714	1189.031	3) REL	16.477	437.673
4) Wind (B2)	4.369	140.415	TOTAL STATE	346.586	8521.714
5) CPP (B3)	25.389	581.048			
TOTAL STATE	256.672	6512.459			

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	5425	5321	5368
MSGENCO Hydro	585	226	566
MSGENCO Gas	624	639	649
MSGENCO Total Generation	6634	6186	6583
Central Sector Receipt	4641	3621	3072
RGPPL	1431	1449	1428
WIND	43	585	138
CPP	1028	1074	996
Exchange with Mumbai	-428	-530	-392
MSEDCL DEMAND MET	13349	12405	11825
Load Shedding (LS)	229	0	0
MSEDCL DEMAND (INCL. LS)	13578	12405	11825
TPCL GENERATION	1049	1106	811
REL GENERATION	521	516	524
TPCL+REL DEMAND	1998	2152	1727
STATE DEMAND MET	15347	14557	13552
Load Management (LM)	2036	3416	1460
Total Load Relief (LS+LM)	2265	3416	1460
UNRESTRICTED STATE DEMAND	17612	17973	15012
Frequency (Hz)	49.94	49.86	49.82

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.56 Hz at 18:04 Hrs	49.32 Hz at 19:28 Hrs	49.88	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 24/Apr/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.23	96.17	182	169	180
Unit 6	4.25	103.61	198	155	180
Unit 7	4.53	87.32	200	180	185
	13.01	287.10			545
Bhusawal					
Unit 2	4.14	93.70	180	160	180
Unit 3	4.46	95.28	190	175	185
Unit 4	0.00	0.00	0	0	
	8.60	188.98			365
Parli					
Unit 3	3.34	84.31	163	77	160
Unit 4	3.69	95.66	178	129	160
Unit 5	3.28	92.94	149	123	130
Unit 6	3.93	126.24	238	0	220
Unit 7	4.99	112.36	240	156	220
	19.24	511.52			890
Chandrapur					
Unit 1	3.97	88.70	172	150	165
Unit 2	3.91	73.84	170	153	160
Unit 3	3.38	91.12	193	0	110
Unit 4	3.58	81.24	170	130	180
Unit 5	10.48	247.99	465	410	450
Unit 6	10.14	246.87	455	405	450
Unit 7	10.26	186.64	445	400	450
	45.74	1016.40			1965
Paras					
Unit 3	5.14	110.56	224	207	230
Unit 4	5.80	134.24	255	225	250
	10.94	244.80			480
Khaparkheda					
Unit 1	4.44	111.06	200	170	190
Unit 2	4.54	96.76	199	153	190
Unit 3	4.75	115.25	218	167	200
Unit 4	4.98	124.44	218	199	210
Unit 5	0.00	0.00	0	0	
	18.71	447.52			790
Nasik					
Unit 1	1.89	35.32	92	65	81
Unit 2	2.05	38.35	95	75	81
Unit 3	4.44	104.32	200	165	172
Unit 4	3.60	95.28	190	104	152
Unit 5	1.30	81.51	153	0	0
	13.28	354.79			486
Uran					
All Units	15.31	357.06	662	622	620
	15.31	357.06			620
Dabhol					
RGPPL	34.40	831.98	1449	1407	1400
	34.40	831.98			1400
Koyna					
Stage 1-2	1.63	127.66	260	40	600
Stage 4	5.01	241.88	647	0	250
Stage 3	1.22	79.46	160	0	320
	7.86	448.99			1170
Kovna 12&4 Total	6.64	369.54			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.45	10.93	19	18	19
VTRNA	1.18	30.44	61	0	60
TILLARI	0.18	6.35	60	0	60
BHTGR/VEER	0.39	8.74	17	16	16
BHIRA T.R.	0.08	5.27	30	0	80
RNGR+BHTSA	0.33	8.08	14	13	14
BHANDARDRA	0.00	4.30	0	0	0
ELDARY	0.27	4.08	14	11	11
SMLHY PTN	0.60	20.84	33	22	11
GHATGHAR	0.00	11.78	0	0	0
	3.48	110.79			271
PENCH (MS)					
Pench (MS)	0.08	5.60	27	0	
	0.08	5.60			
Wind					
MalharPeth	0.10	4.94			
Vankuswadi	0.32	9.94			
ATIT	0.05	3.65			
Kale	0.11	3.66			
Satara	0.58	9.52			
Shirala	0.11	4.21			
K Mahankal	0.02	2.88			
Supa	0.02	1.98			
Vita	0.73	18.09			
Dondaicha	1.67	53.78			
Sakri	0.22	8.32			
Nandurbar	0.17	6.53			
Khandke	0.11	6.95			
Khaparale	0.16	5.96			
	4.37	140.42			
CPP					
JSW JAIGAD	12.94	315.71	549	517	505
WARDHA	7.08	142.31	347	235	350
Other CPPs	5.37	123.03			
	25.39	581.05			855
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.63	250.92	490	325	500
Trombay 6	3.96	118.28	225	150	500
Trombay 7A	2.86	68.41	121	118	120
Trombay 7B	1.58	37.30	67	65	60
Trombay 8	4.70	117.72	250	150	250
TATA Hydro	0.01	91.25	5	0	447
	23.73	683.88			1877
REL					
1&2	12.54	301.58	525	516	500
	12.54	301.58			500
Cent Sect					
Share					3396
					3396

MS PG CL	Thermal	129.50	3051.11		5521
	Thml+Gas	144.82	3408.17		6141
	Hydro	11.34	559.78		1441
	Total	156.15	3967.95		7582
State Total		256.67	6512.46		15610

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/Apr/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	5311	1051	646	7008	1425	31	1042	3266	3311	-683	-612	12205	2067	12205	2134	16406	49.65
2	5317	773	648	6738	1431	83	1007	3201	3366	-593	-538	12087	1952	12087	1945	15984	49.74
3	5328	700	648	6676	1431	152	993	3113	3317	-501	-464	12105	1450	12105	1822	15377	49.69
4	5368	566	649	6583	1428	138	996	3041	3072	-434	-392	11825	1460	11825	1727	15012	49.82
5	5410	540	652	6602	1426	157	994	2987	3299	-401	-363	12115	1569	12115	1697	15381	49.82
6	5351	909	653	6913	1427	123	1025	2919	3196	-373	-360	12324	1800	12324	1721	15845	49.79
7	5384	1085	662	7131	1432	83	1042	3096	3330	-335	-333	12685	1806	12685	1687	16178	49.93
8	5448	696	644	6788	1433	48	1020	3187	3759	-308	-304	12744	1806	12744	1692	16242	49.96
9	5482	495	635	6612	1433	20	1055	3220	3986	-335	-320	12786	1806	12786	1730	16322	49.96
10	5385	451	628	6464	1432	25	1035	3394	4328	-409	-383	12901	1867	12901	1901	16669	49.90
11	5400	357	624	6381	1430	28	1041	3480	4847	-475	-466	13267	2089	13365	2009	17365	49.98
12	5425	585	624	6634	1431	43	1028	3521	4641	-519	-428	13349	2265	13578	1998	17612	49.94
13	5354	650	624	6628	1430	56	1094	3468	4651	-537	-487	13372	2271	13604	2053	17696	49.92
14	5377	501	622	6500	1431	99	1098	3468	4542	-517	-468	13202	2234	13399	2021	17457	50.02
15	5390	182	623	6195	1428	98	1100	3434	4805	-517	-476	13150	2243	13345	2026	17419	49.92
16	5462	182	629	6273	1435	127	1099	3332	4508	-517	-461	12981	2144	13155	2013	17138	50.00
17	5439	182	636	6257	1442	190	1077	3332	3965	-497	-427	12504	2134	12686	1980	16618	50.06
18	5631	183	640	6454	1443	292	1069	3306	3010	-470	-406	11862	2330	12010	1946	16138	50.22
19	5425	192	637	6254	1447	451	1071	3212	2692	-490	-387	11528	3096	11537	1946	16570	50.09
20	5321	226	639	6186	1449	585	1074	3396	3621	-565	-530	12405	3416	12405	2152	17973	49.86
21	5320	204	633	6157	1448	486	1100	3396	3613	-605	-538	12293	3425	12293	2204	17922	49.85
22	5349	187	639	6175	1448	366	1114	3396	3487	-605	-531	12085	3425	12085	2205	17715	49.81
23	5465	251	635	6351	1436	327	1108	3258	3412	-579	-549	12088	3425	12088	2224	17737	49.65
24	5362	191	641	6194	1407	361	1107	3144	3162	-579	-535	11696	3034	11696	2200	16930	49.64
MUs	129.50	11.34	15.31	156.15	34.40	4.37	25.39	78.57	89.92	-11.84	-10.76	299.56	55.11	301.02	47.03	401.71	49.88

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 24/Apr/2011

Position as on 6.30 Hrs of 25/Apr/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Dabhol 1B	230	15/03/2011	02.37		Continued.	Upgradation Work.	27/04/2011
Cent_Sect NTPC(K-3)	210	31/03/2011	23.46		Continued.	Annual Overhaul	30/04/2011
Cent_Sect NTPC(V-4)	210	10/04/2011	00.01		Continued.	Annual overhaul.	10/05/2011
Khaparkheda Unit 3	210	25/04/2011	02.51		Continued.	Annual overhaul.	25/05/2011
FORCED OUTAGE							
Chandrapur Unit 3	210	21/04/2011	13.14	24/04/2011	02.09	BLR T/L.	
Nasik Unit 5	210	21/04/2011	18.45	24/04/2011	13.25	BLR T/L.	
Parli Unit 6	250	24/04/2011	19.27	24/04/2011	23.00	Master trip relay.	
CPP WPCL U-3	135	25/04/2011	01.22		Continued.	Filter replacement work.	26/04/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Apr/2011

Position as on 6.30 Hrs of 25/Apr/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Pench-Mansar	08/04/2011	10.35		Continued.	Replacement of relay & control pannel.up to 26.04.2011.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule - S'Sarovar- II	20/04/2011	22:45	24/04/2011	10.44	H/T ON OVERVOTAGE
Dhule-Sar'Sarovar - I	24/04/2011	17.36		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 100 MVA Spare Unit @ Koradi	14/04/2011	09.18		Continued.	Shifting to Replace R Ph Unit of ICT-I.
400 KV Bus Coupler @ Parli	21/04/2011	06.20	24/04/2011	12.15	Control wiring problem.
Dabhol-Nagothane - II	24/04/2011	07.29	24/04/2011	16.48	To attend hot spot on R ph.isolator at Dabhol and replacement of LA at Nagothane end.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
220/7 KV 20 MVA Stn.T/F-II at Korady	31/03/2011	10.47		Continued.	Oil Leakage.
Borivali-Boisar	03/04/2011	09.48		Continued.	LILO work of 220KV Borivali-Boiser at 220KV Ghodbandar(Up to 28/4/11)
Kalwa - Tifil	15/04/2011	09.42		Continued.	Stringing of 4th ckt. between Mahape S/S and TIFIL LILO Tower.,up to 26.04.2011.
220/132 KV 100 MVA ICT-II @ Parbhani	16/04/2011	11.38		Continued.	Augmentation by 200MVA ICT.
Mahad-Nagothane	23/04/2011	08.53	24/04/2011	20.36	Replacement of old damaged insulator.
Boisor - Dahanu	24/04/2011	06.33	24/04/2011	16.42	Maintenance work.
Kandalgaon-Bhira	24/04/2011	09.45	24/04/2011	17.34	Stringing of new 220KV Vile-Bagad line.
220/100 KV 200 MVA ICT II at Trombay	24/04/2011	10.56	24/04/2011	14.25	To attend red hot spot.
Chakan- Volkswageon	24/04/2011	12.14	24/04/2011	16.30	To attend R ph.C.T. leakage.
Voltage Level : 110KV			Outage Type PLANNED OUTAGE		
Borivali-Borivali Tata-II	24/04/2011	09.10	24/04/2011	16.04	To attend hot spot.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV 315 MVA ICT - II @ Parli	21/04/2011	23.01		Continued.	To Attend L V Side Main Bkr.Problem.L V Side of ICT Taken on
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	23/04/2011	21.32	24/04/2011	06.33	Over Voltage.
Bhusawal- Aurangabad	24/04/2011	21.02	25/04/2011	05.32	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
BBLSR-Waluj	09/04/2011	10.14		Continued.	To control A'bad ICT Loading.
Dhule-Chalisgaon	09/04/2011	15.54		Continued.	H/T to control Dhule ICTs over loading.
Chandrapur-Warora - I	17/04/2011	15.00		Continued.	To control Warora-Hinganghat line loading.
Hingoli-Pusad	18/04/2011	13.07		Continued.	To control Wardha-Yavatmal load
Wardha-Abhijeet II	18/04/2011	13.09	24/04/2011	17.08	To control Koradi ICT load

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Apr/2011

Position as on 6.30 Hrs of 25/Apr/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Wardha-Abhijeet I	18/04/2011	17.05		Continued.	To control Koradi ICT Load
Khaperkheda - Wardha.	23/04/2011	19.05	24/04/2011	10.37	To control Koradi ICT-II loading.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Voltage Level : 500KV			Outage Type TRIPPED		
HVDC POLE II - CHDPR	24/04/2011	10.02	24/04/2011	13.05	Tripped on converter block at Padghe end.
Voltage Level : 400KV			Outage Type TRIPPED		
Bablsr-Padgha Ckt I	24/04/2011	17.54		Continued.	Distance protection.
Voltage Level : 220KV			Outage Type TRIPPED		
220/100KV 200MVA ICT-III at Kalwa	03/04/2011	16.00		Continued.	Buchholz Trip,Diff.Prot.operated,PRV tripped(Failed).
220/110KV 200MVA ICT-II at Mudshingi	10/04/2011	18.10		Continued.	Differential Protection, Defective B Phase LA replaced(Kept on Humming at 16.30Hrs on 18/4/11)
Vankuswade-Malharpeth	24/04/2011	14.48	24/04/2011	15.50	V.T.Fuse fail
220/33KV,50 MVA T/F-I at Malharpeth.	24/04/2011	14.48	24/04/2011	15.55	V.T.fuse fail.
220/33KV,50 MVA T/F-II at Malharpeth	24/04/2011	14.48	24/04/2011	15.55	V.T.fuse fail.
Karad-M'peth	24/04/2011	14.48	24/04/2011	15.50	V.T.fuse fail
Peth-Nigde	24/04/2011	17.02	24/04/2011	17.17	Distance protection.
Karad - Nigade	24/04/2011	17.51	24/04/2011	18.11	Distance protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 25/Apr/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	170
Unit 6	210	170
Unit 7	210	185
	620	525
Bhusawal		
Unit 2	210	180
Unit 3	210	185
Unit 4	0	
	420	365
Parli		
Unit 3	210	150
Unit 4	210	150
Unit 5	210	125
Unit 6	250	230
Unit 7	250	135
	1130	790
Chandrapur		
Unit 1	210	170
Unit 2	210	160
Unit 3	210	195
Unit 4	210	150
Unit 5	500	450
Unit 6	500	425
Unit 7	500	440
	2340	1990
Paras		
Unit 3	250	230
Unit 4	250	250
	500	480
Khaparkheda		
Unit 1	210	200
Unit 2	210	190
Unit 3	210	0
Unit 4	210	210
Unit 5	0	
	840	600
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	190
Unit 4	210	200
Unit 5	210	200
	870	770
Uran		
All Units	852	470
	852	470
Dabhol		
RGPP	1940	1400
	1940	1400
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	0
ELDARY	23	11
SMLHY PTN	12	10
GHATGHAR	250	0
	611	270
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	505
WARDHA	405	236
Other CPPs	0	
	1005	741
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	3478
	3455	3478