



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

State Load Dispatch Center, Airoli

Daily system Report

for

06/Apr/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 06/Apr/2011 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	131.796	798.491	1) Madhya Pradesh	46.389	314.390
2) Hydro	23.499	110.896	2) Gujrat	35.647	188.538
3) Gas	15.309	89.201	3) Goa	-6.559	-36.982
Total MSGENCO	170.604	998.588	4) TAPS 1&2 (Inj.)	6.054	24.480
B) OTHERS			5) Pench (Excess)	-0.352	-1.994
1) RGPPL Gas	35.311	215.560	# Total Cent. Sector	81.179	488.432
2) Wind Generation	4.244	42.704	F) Other Exchanges		
3) CPP	25.639	130.440	1) With TPCL (Excess)	-13.439	-72.521
4) PENCH (MS)	0.352	1.994	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	13.856	84.596
1) TPCL Thermal	22.923	130.747	Include PX	0.000	0.000
2) TPCL Hydro	6.064	24.298	2) MUMBAI Bilateral	13.123	76.528
TOTAL TPCL	28.987	155.045	Include PX	0.933	8.266
3) REL Thermal	12.643	75.719	3) MUMBAI Schedule	13.123	78.903
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	167.362	1004.957	1) MSEDCL	303.890	1805.197
2) Hydro (A2+B3+C2)	29.915	137.188	2) TPCL	36.562	201.989
3) Gas (A3+B1)	50.620	304.761	3) REL	18.504	101.285
4) Wind (B2)	4.244	42.704	TOTAL STATE	358.956	2108.471
5) CPP (B3)	25.639	130.440			
TOTAL STATE	277.780	1620.050			

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	5448	5778	5336
MSGENCO Hydro	1068	1320	515
MSGENCO Gas	621	632	653
MSGENCO Total Generation	7137	7730	6504
Central Sector Receipt	3949	3328	3104
RGPPL	1471	1471	1458
WIND	137	226	155
CPP	1127	1102	935
Exchange with Mumbai	-809	-639	-263
MSEDCL DEMAND MET	13012	13271	11893
Load Shedding (LS)	375	7	0
MSEDCL DEMAND (INCL. LS)	13387	13278	11893
TPCL GENERATION	1484	1463	813
REL GENERATION	524	523	529
TPCL+REL DEMAND	2817	2625	1605
STATE DEMAND MET	15829	15896	13498
Load Management (LM)	2336	3700	1563
Total Load Relief (LS+LM)	2711	3707	1563
UNRESTRICTED STATE DEMAND	18540	19603	15061
Frequency (Hz)	49.72	49.60	49.73

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 08.05 Hrs	49.21 Hz at 19.12 Hrs	49.7	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 06/Apr/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.89	24.24	173	144	170
Unit 6	4.55	26.89	205	167	190
Unit 7	4.51	27.24	200	180	195
	12.95	78.37			555
Bhusawal					
Unit 2	4.04	24.10	180	150	190
Unit 3	4.24	26.00	190	160	185
Unit 4		0.00	0	0	
	8.28	50.10			375
Parli					
Unit 3	4.40	23.48	195	172	190
Unit 4	4.41	27.26	203	160	185
Unit 5	4.23	24.51	189	152	180
Unit 6	5.26	32.50	243	175	240
Unit 7	3.81	28.13	227	103	240
	22.11	135.89			1035
Chandrapur					
Unit 1	3.66	21.39	160	130	160
Unit 2	3.71	21.30	166	140	150
Unit 3	4.32	25.52	200	147	200
Unit 4	4.31	25.54	190	170	180
Unit 5	10.80	65.52	470	420	470
Unit 6	10.81	65.46	470	406	480
Unit 7	9.11	54.05	455	270	350
	46.70	278.76			1990
Paras					
Unit 3	5.50	17.46	252	190	250
Unit 4	5.65	32.86	251	190	250
	11.15	50.33			500
Khaparkheda					
Unit 1	4.58	28.34	205	170	210
Unit 2	3.54	25.51	183	0	160
Unit 3	5.07	29.33	219	200	210
Unit 4	5.25	31.51	223	214	210
Unit 5		0.00	0	0	
	18.45	114.70			790
Nasik					
Unit 1	0.00	8.44	0	0	0
Unit 2	0.05	9.41	44	0	0
Unit 3	4.32	25.18	200	160	172
Unit 4	4.02	24.52	198	115	182
Unit 5	3.75	22.79	175	140	152
	12.15	90.34			506
Uran					
All Units	15.31	89.20	666	617	630
	15.31	89.20			630
Dabhol					
RGPPL	35.31	215.56	1494	1407	1500
	35.31	215.56			1500
Koyna					
Stage 1-2	4.67	21.44	560	40	600
Stage 4	10.40	41.79	842	0	250
Stage 3	3.41	13.92	312	0	320
	18.48	77.14			1170
Kovna 12&4 Total	15.07	63.22			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.46	2.74	20	19	19
VTRNA	1.19	6.23	61	0	60
TILLARI	0.38	2.25	60	0	60
BHTGR/VEER	0.48	2.37	20	20	16
BHIRA T.R.	0.29	1.53	82	0	80
RNGR+BHTSA	0.26	2.23	13	13	14
BHANDARDRA	0.53	3.86	22	21	30
ELDARY	0.00	0.00	0	0	
SMLHY PTN	0.99	5.35	42	41	
GHATGHAR	0.44	7.20	125	0	
	5.02	33.76			279
PENCH (MS)					
Pench (MS)	0.35	1.99	53	0	
	0.35	1.99			
Wind					
MalharPeth	0.11	1.50			
Vankuswadi	0.40	3.10			
ATIT	0.06	0.94			
Kale	0.16	1.18			
Satara	0.13	3.42			
Shirala	0.21	1.42			
K Mahankal	0.54	0.90			
Supa	0.07	0.80			
Vita	0.79	5.59			
Dondaicha	1.25	15.61			
Sakri	0.10	2.35			
Nandurbar	0.08	1.94			
Khandke	0.17	2.00			
Khaparale	0.16	1.97			
	4.24	42.70			
CPP					
JSW JAIGAD	14.05	78.72	615	512	550
WARDHA	7.45	25.50	337	250	330
Other CPPs	4.14	26.22			
	25.64	130.44			880
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.80	49.82	490	325	500
Trombay 6	4.24	30.14	230	150	500
Trombay 7A	2.89	17.58	124	118	120
Trombay 7B	1.58	9.52	67	65	60
Trombay 8	3.42	23.68	150	136	250
TATA Hydro	6.06	24.30	459	0	447
	28.99	155.04			1877
REL					
1&2	12.64	75.72	529	523	500
	12.64	75.72			500
Cent Sect					
Share					3359
					3359

MS PG CL	Thermal	131.80	798.49		5751
	Thml+Gas	147.10	887.69		6381
	Hydro	23.50	110.90		1449
	Total	170.60	998.59		7830
State Total		277.78	1620.05		15946

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/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	5190	549	643	6382	1487	204	891	3074	3262	-518	-466	11760	2315	11760	1941	16016	49.62
2	5133	489	651	6273	1487	193	891	3015	3234	-459	-367	11711	2225	11711	1783	15719	49.69
3	5275	520	653	6448	1486	159	909	2966	3201	-442	-323	11880	1614	11880	1664	15158	49.69
4	5336	515	653	6504	1458	155	935	2861	3104	-336	-263	11893	1563	11893	1605	15061	49.73
5	5309	831	656	6796	1407	186	1009	2861	2709	-336	-251	11856	1675	11856	1592	15123	49.65
6	5411	1162	659	7232	1408	149	1028	2861	2892	-336	-290	12439	1912	12439	1656	16007	49.57
7	5450	1404	666	7520	1468	124	1098	3009	2962	-336	-315	12910	2204	12989	1739	16853	49.69
8	5533	1105	663	7301	1475	124	1136	3057	3577	-388	-396	13232	2304	13411	1854	17390	49.86
9	5394	1260	652	7306	1475	117	1121	3105	3551	-436	-420	13150	2319	13344	2124	17593	49.83
10	5320	1475	632	7427	1475	83	1123	3329	3391	-527	-569	12930	2470	13224	2497	17897	49.77
11	5352	1221	621	7194	1476	143	1126	3687	3869	-626	-759	13049	2718	13433	2747	18514	49.82
12	5448	1068	621	7137	1471	137	1127	3735	3949	-675	-809	13012	2711	13387	2817	18540	49.72
13	5519	1044	617	7180	1472	123	1129	3735	3799	-675	-799	12904	2660	13237	2786	18350	49.74
14	5582	749	619	6950	1471	203	1131	3687	4174	-626	-752	13177	2638	13488	2704	18519	49.83
15	5588	1162	619	7369	1473	146	1118	3594	3906	-651	-788	13224	2499	13569	2771	18494	49.63
16	5607	1562	617	7786	1473	140	1122	3477	3602	-651	-777	13346	2420	13682	2801	18567	49.69
17	5562	1650	628	7840	1473	187	1135	3453	3685	-626	-750	13570	2512	13907	2777	18859	49.68
18	5644	1146	628	7418	1470	196	1124	3453	3279	-626	-708	12779	2831	13149	2716	18326	49.71
19	5740	958	625	7323	1468	194	1104	3154	2963	-605	-626	12429	3494	12552	2591	18514	49.70
20	5778	1320	632	7730	1471	226	1102	3371	3328	-701	-639	13271	3707	13278	2625	19603	49.60
21	5691	1015	633	7339	1489	239	1091	3400	3368	-725	-676	12902	3713	12902	2525	19140	49.64
22	5676	697	640	7013	1494	236	1089	3376	3502	-701	-650	12736	3712	12736	2388	18836	49.74
23	5640	298	638	6576	1492	290	1052	3142	2975	-585	-548	11889	3710	11889	2235	17834	49.66
24	5618	299	643	6560	1492	290	1048	2977	2893	-537	-498	11837	3320	11837	2131	17288	49.60
MUs	131.80	23.50	15.31	170.60	35.31	4.24	25.64	78.38	81.18	-13.12	-13.44	303.89	63.25	307.55	55.07	422.20	49.70

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 06/Apr/2011

Position as on 6.30 Hrs of 07/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 sipat-5	500	01/04/2011	00.14		Continued.	Annual Overall.	25/04/2011
FORCED OUTAGE							
Cent_Sect NTPC(V-2)	210	01/04/2011	00.07		Continued.	Boiler License Renewal	06/04/2011
Nasik Unit 1	125	05/04/2011	07.55		Continued.	Boiler Tube Leakage	08/04/2011
Nasik Unit 2	125	05/04/2011	17.25	06/04/2011	22.35	Chain Extractor Problem	
Khaparkheda Unit 2	210	05/04/2011	21.42	06/04/2011	02.17	Turbine Tripped	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Apr/2011

Position as on 6.30 Hrs of 07/Apr/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Borivali - Tarapur	03/04/2011	09.10		Continued.	LILO work of 220KV Borivali-Boilsser at 220KV Ghodbandar.(up to 20.04.2011)
Boiser - Tarapur	06/04/2011	17.26	06/04/2011	17.26	Ilnd Source to Boiser After Bunching.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur - Mapusa - II	05/04/2011	22.39	06/04/2011	07.00	Over Voltage
Akola - Wardha - I	05/04/2011	23.35	06/04/2011	06.22	Over Voltage
Dhule-Sar'Sarovar - I	05/04/2011	23.41		Continued.	Over Voltage
Kolhapur - Mapusa - II	06/04/2011	14.35	06/04/2011	19.27	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Sar'Sarovar - II	02/04/2011	21.56	06/04/2011	06.39	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.
Karad-Kolhapur-II	05/04/2011	12.49		Continued.	complete overhauling work of Breaker(Line taken on TBC)
400/132KV 200 MVA ICT-II @ Bhusawal	06/04/2011	08.44		Continued.	Replacement of 132KV Side Bus-I & II Isolators of 200MVA 400/132KV ICT-II Under LES Scheme.
Spare Reactor @ Koradi	06/04/2011	10.00	06/04/2011	17.33	Painting of Spare Reactor.
Koradi - Kaparkheda	06/04/2011	11.38	06/04/2011	14.23	For Complete Configuration of Sel Relay of 400KV Koradi-II For Time of Synchronizing Work with New GPS Receiver Installed @ BCR2.
Chandrapur - Parly - III	07/04/2011	06.07		Continued.	Replacement of C T's @ C'pur Under LES & To Attend Damaged Conductor @ Loc. 526-527.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
220/110 KV 100 MVA T/F - II @ Mudshingi	07/02/2011	15.12		Continued.	Augmentation by 200 MVA.up to 06.04.11.
220/7 KV 20 MVA Str.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-Bhoisor at 220KV Ghodbandar(Up to 20/4/11)
Butibori-Indorama	06/04/2011	09.05		Continued.	Tan Delta Measurment of C T @ Butibori & Indorama End & Bay Maint. of Both S/S.
Bale-Osmanbad	06/04/2011	09.10	06/04/2011	17.10	Replacement of Suspension Clamp.
Mudshingi-Wathar	06/04/2011	09.20	06/04/2011	17.28	Insulator Replacement.
Pawas-Kharepatan	06/04/2011	09.39	06/04/2011	18.10	Insulator Washing.
Koradi-Ambazari-I	06/04/2011	10.00	06/04/2011	17.33	Q.M.Work.
Yavatmal-Pusad	06/04/2011	10.12	06/04/2011	15.38	For Retrofitting Work of Relays.
Khaparkheda - Kanhan - II	06/04/2011	11.38	06/04/2011	14.23	Line Isolator Maintainance Work.
Umred - Virangana	06/04/2011	11.52	06/04/2011	18.50	Maint.Work @ Virangana End.
Aarey-Versova-I	07/04/2011	05.50		Continued.	Charging of 220KV GIS S/S.
Bus - I @ Babaleshwar	07/04/2011	06.14		Continued.	P T Replacement.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Apr/2011

Position as on 6.30 Hrs of 07/Apr/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Bhandara-Ambhora	06/04/2011	07.50	06/04/2011	18.45	Replacement of Faulty PID Detected String Insulator @ TI 29. Also Replacement of Defective String Insulator.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Solapur - Karad	06/04/2011	11.02	06/04/2011	20.47	R Ph C V T Replacement.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Khaparkheda - Kanhan - II	04/04/2011	19.34		Continued.	B Phase Line Isolator closing prob(Ckt on TBC)
Kalwa - Tifil	06/04/2011	08.19	06/04/2011	10.44	Red Hot @ Loc. No.468.
Voltage Level : 132KV			Outage Type FORCED OUTAGE		
Parbhani-Jintur	06/04/2011	09.55	06/04/2011	14.55	Filling of SF6 Gas Ckt on TBC.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	05/04/2011	21.52	06/04/2011	05.40	Over Voltage
Karad - Kolhapur - I	06/04/2011	20.56		Continued.	Over Voltage.
Bhusawal- Aurangabad	06/04/2011	22.06	07/04/2011	05.23	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
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
Chandrapur-Warora - I	05/04/2011	22.48		Continued.	To control load on Wardha-Warora
Trombay-Kalwa	06/04/2011	06.01	06/04/2011	06.14	For Passing Highted Consigment of M/S Godrej @ Loc.30,31 Near Vikroli.
Trombay-Mulund	06/04/2011	06.01	06/04/2011	06.55	For Passing Highted Consigment of M/S Godrej @ Loc.30,31 Near Vikroli.
Bale-Murud	06/04/2011	09.10		Continued.	To Control Line 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 - Salsette - II	05/04/2011	10.56		Continued.	From Kalwa End
Voltage Level : 400KV			Outage Type TRIPPED		
Dabhol-Nagothne	06/04/2011	15.20	06/04/2011	17.21	Distance Protection R-E,Z-I.
400/220 KV 315 MVA ICT @ Akola	06/04/2011	21.35	06/04/2011	22.10	NDR Operated.
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

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 07/Apr/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	175
Unit 6	210	200
Unit 7	210	180
	620	555
Bhusawal		
Unit 2	210	180
Unit 3	210	185
Unit 4	0	0
	420	365
Parli		
Unit 3	210	190
Unit 4	210	185
Unit 5	210	192
Unit 6	250	225
Unit 7	250	145
	1130	937
Chandrapur		
Unit 1	210	165
Unit 2	210	165
Unit 3	210	195
Unit 4	210	190
Unit 5	500	465
Unit 6	500	450
Unit 7	500	480
	2340	2110
Paras		
Unit 3	250	230
Unit 4	250	230
	500	460
Khaparkheda		
Unit 1	210	210
Unit 2	210	160
Unit 3	210	210
Unit 4	210	210
Unit 5	0	0
	840	790
Nasik		
Unit 1	120	0
Unit 2	120	90
Unit 3	210	190
Unit 4	210	190
Unit 5	210	180
	870	650
Uran		
All Units	852	640
	852	640
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	19

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	13
BHANDARDRA	45	22
ELDARY	23	0
SMLHY PTN	12	13
GHATGHAR	250	0
	611	287
PENCH (MS)		
Pench (MS)	53	0
	53	0
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	330
Other CPPs	0	
	1005	880
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	3438
	3455	3438