



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

State Load Dispatch Center, Airoli

Daily system Report

for

04/Oct/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 04/Oct/2011 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	83.265	330.519	1) Madhya Pradesh	49.347	219.180
2) Hydro	29.763	94.302	2) Gujrat	41.936	176.818
3) Gas	15.158	60.654	3) Goa	-5.933	-22.030
Total MSGENCO	128.186	485.475	4) TAPS 1&2 (Inj.)	7.801	31.125
B) OTHERS			5) Pench (Excess)	-0.774	-2.920
1) RGPPL Gas	33.509	140.819	# Total Cent. Sector	92.377	402.173
2) Wind Generation	4.239	14.768	F) Other Exchanges		
3) CPP	32.264	129.418	1) With TPCL (Excess)	-9.359	-38.866
4) PENCH (MS)	0.774	2.920	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	38.491	167.561
1) TPCL Thermal	31.057	114.440	Include PX	18.046	87.273
2) TPCL Hydro	3.533	12.754	2) MUMBAI Bilateral	9.904	40.817
TOTAL TPCL	34.590	127.194	Include PX	1.353	3.758
3) REL Thermal	12.583	50.378	3) MUMBAI Schedule	9.904	40.817
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	126.905	495.337	1) MSEDCL	281.990	1136.707
2) Hydro (A2+B3+C2)	34.070	109.976	2) TPCL	37.766	143.536
3) Gas (A3+B1)	48.667	201.473	3) REL	18.764	72.894
4) Wind (B2)	4.239	14.768	TOTAL STATE	338.520	1353.137
5) CPP (B3)	32.264	129.418			
TOTAL STATE	246.145	950.972			

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	3423	3407	3579
MSGENCO Hydro	2051	2169	400
MSGENCO Gas	623	629	635
MSGENCO Total Generation	6097	6205	4614
Central Sector Receipt	4128	3999	3530
RGPPL	1396	1397	1396
WIND	47	140	303
CPP	1346	1333	1346
Exchange with Mumbai	-576	-552	-48
MSEDCL DEMAND MET	12485	12565	11184
Load Shedding (LS)	1336	875	241
MSEDCL DEMAND (INCL. LS)	13821	13440	11425
TPCL GENERATION	1752	1697	1107
REL GENERATION	524	524	523
TPCL+REL DEMAND	2852	2773	1678
STATE DEMAND MET	15337	15338	12862
Load Management (LM)	1755	3060	1446
Total Load Relief (LS+LM)	3091	3935	1687
UNRESTRICTED STATE DEMAND	18428	19273	14549
Frequency (Hz)	49.55	49.60	49.56

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.09 Hz at 12.59 Hrs	49.25 Hz at 18.42 Hrs	49.63	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 04/Oct/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.87	13.33	175	143	155
Unit 6	3.93	13.69	176	109	170
Unit 7	3.52	11.52	160	130	150
	11.31	38.54			475
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	3.38	14.48	165	115	140
Unit 4		0.00	0	0	
	3.38	14.48			140
Parli					
Unit 3	2.70	11.67	132	95	120
Unit 4	0.00	0.00	0	0	0
Unit 5	3.13	12.91	146	115	120
Unit 6	3.65	14.93	186	114	140
Unit 7	0.00	0.00	0	0	0
	9.48	39.51			380
Chandrapur					
Unit 1	3.64	15.20	165	133	160
Unit 2	3.08	12.79	142	109	135
Unit 3	4.16	16.91	187	150	180
Unit 4	0.00	0.00	0	0	0
Unit 5	6.72	26.36	300	260	250
Unit 6	6.73	26.83	315	255	280
Unit 7	6.79	27.94	310	227	300
	31.12	126.03			1305
Paras					
Unit 3	4.03	12.83	190	117	150
Unit 4	3.35	11.03	175	112	150
	7.37	23.86			300
Khaparkheda					
Unit 1	4.41	15.87	195	165	190
Unit 2	0.00	5.68	0	0	0
Unit 3	4.40	15.51	198	153	190
Unit 4	4.54	16.27	196	174	190
Unit 5	0.00	1.38	0	0	
	13.36	54.70			570
Nasik					
Unit 1		0.00	0	0	
Unit 2		0.00	0	0	
Unit 3	3.67	11.88	180	120	102
Unit 4	0.46	10.54	145	0	0
Unit 5	3.12	10.98	154	110	132
	7.25	33.39			234
Uran					
All Units	15.16	60.65	641	617	630
	15.16	60.65			630
Dabhol					
RGPPL	33.51	140.82	1397	1396	0
	33.51	140.82			0
Koyna					
Stage 1-2	7.74	25.24	545	50	600
Stage 4	14.74	45.33	1120	0	250
Stage 3	4.92	14.79	318	62	320
	27.40	85.36			1170
Kovna 12&4 Total	22.48	70.57			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	0.00	0.21	0	0	0
TILLARI	0.41	1.79	60	0	60
BHTGR/VEER	0.16	0.54	7	6	7
BHIRA T.R.	0.28	1.24	41	0	40
RNGR+BHTSA	0.20	0.93	16	0	7
BHANDARDRA	0.51	1.28	32	15	32
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.54	2.33	33	14	11
GHATGHAR	0.27	0.62	120	0	
	2.36	8.94			157
PENCH (MS)					
Pench (MS)	0.77	2.92	47	0	
	0.77	2.92			
Wind					
MalharPeth	0.30	0.95			
Vankuswadi	0.36	1.28			
ATIT	0.05	0.18			
Kale	0.16	0.54			
Satara	0.57	1.98			
Shirala	0.13	0.44			
K Mahankal	0.01	0.05			
Supa	0.05	0.20			
Vita	0.44	1.44			
Dondaicha	1.35	5.11			
Sakri	0.20	0.76			
Nandurbar	0.18	0.61			
Khandke	0.32	0.81			
Khaparale	0.12	0.41			
	4.24	14.77			
CPP					
JSW JAIGAD	21.04	81.95	885	864	805
WARDHA	7.66	32.88	323	315	360
Other CPPs	3.57	14.59			
	32.26	129.42			1165
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.76	47.02	490	485	500
Trombay 6	9.23	26.70	500	155	500
Trombay 7A	2.77	11.41	122	100	120
Trombay 7B	1.54	6.28	66	59	60
Trombay 8	5.77	23.04	245	210	250
TATA Hydro	3.53	12.75	377	0	447
	34.59	127.19			1877
REL					
1&2	12.58	50.38	526	522	500
	12.58	50.38			500
Cent Sect					
Share					4913
					4913

MS PG CL	Thermal	83.26	330.52			3404
	Thml+Gas	98.42	391.17			4034
	Hydro	29.76	94.30			1327
	Total	128.19	485.48			5361
State Total		246.14	950.97			13816

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/Oct/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	3619	413	632	4664	1396	347	1344	3671	4072	-431	-335	11533	2144	11591	2007	15684	49.56
2	3630	325	637	4592	1396	414	1343	3492	3837	-250	-153	11472	2001	11530	1809	15282	49.54
3	3579	400	635	4614	1396	303	1346	3418	3530	-187	-48	11184	1687	11425	1678	14549	49.56
4	3490	445	637	4572	1396	297	1350	3427	3550	-145	-11	11199	1793	11579	1612	14604	49.65
5	3421	916	639	4976	1396	302	1342	3414	3480	-129	-21	11520	1881	11915	1622	15023	49.62
6	3511	1190	634	5335	1396	337	1347	3374	3550	-171	-81	11929	2180	12509	1711	15820	49.71
7	3527	603	641	4771	1396	273	1349	3513	3446	-262	-195	11082	3338	12783	1847	16267	49.70
8	3553	605	632	4790	1396	150	1350	3542	3735	-297	-245	11195	3484	13036	1983	16662	49.70
9	3599	579	637	4815	1396	111	1346	3871	3961	-356	-336	11293	3575	13219	2262	17130	49.62
10	3494	878	631	5003	1396	64	1335	3824	3904	-408	-511	11191	3504	13039	2618	17313	49.62
11	3432	1556	621	5609	1396	57	1343	3891	4070	-529	-590	11915	3372	13588	2829	18116	49.53
12	3423	2051	623	6097	1396	47	1346	3893	4128	-522	-576	12485	3091	13821	2852	18428	49.55
13	3349	1900	632	5881	1396	52	1344	3886	3918	-535	-572	12066	3176	13472	2845	18087	49.64
14	3376	1652	633	5661	1396	69	1340	3851	4022	-487	-505	12026	3217	13473	2736	17979	49.72
15	3427	1779	631	5837	1396	99	1343	3913	4046	-489	-580	12148	3345	13710	2776	18269	49.64
16	3431	1643	620	5694	1396	163	1350	3991	4102	-487	-582	12123	3365	13750	2774	18262	49.64
17	3476	1481	622	5579	1396	201	1335	3938	3741	-479	-544	11708	3305	13280	2769	17782	49.64
18	3477	805	617	4899	1396	182	1358	3798	3681	-480	-549	10967	3754	12831	2740	17461	49.60
19	3472	1837	630	5939	1396	154	1339	3458	3739	-542	-516	12093	4060	13453	2727	18880	49.60
20	3407	2169	629	6205	1397	140	1333	3544	3999	-591	-552	12565	3935	13440	2773	19273	49.60
21	3389	2160	634	6183	1397	140	1346	3594	3860	-571	-512	12461	3612	13031	2630	18703	49.71
22	3355	1692	632	5679	1397	102	1346	3480	4284	-532	-500	12355	3312	12631	2449	18116	49.69
23	3357	1417	640	5414	1397	126	1342	3388	3997	-512	-426	11897	3220	12087	2310	17427	49.63
24	3471	1267	639	5377	1397	110	1347	3437	3725	-512	-419	11584	2831	11701	2173	16588	49.60
MUs	83.26	29.76	15.16	128.19	33.51	4.24	32.26	87.61	92.38	-9.90	-9.36	281.99	73.18	306.89	56.53	411.70	49.63

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 04/Oct/2011

Position as on 6.30 Hrs of 05/Oct/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Chandrapur Unit 4	210	16/08/2011	00.04		Continued.	Annual Overhaul.	10/10/2011
Bhusawal Unit 2	210	22/08/2011	15.27		Continued.	Annual Overhaul	15/10/2011
Parli Unit 4	210	31/08/2011	01.07		Continued.	Annual Overhaul.	10/10/2011
Dabhol 1B	230	05/09/2011	23.57		Continued.	Generator Inspection	15/10/2011
Cent_Sect NTPC(K-4)	500	08/09/2011	14.26		Continued.	Annual Overhaul	18/10/2011
FORCED OUTAGE							
CPP WPCL U-2	135	11/09/2011	08.12		Continued.	Withdrawn	
Cent_Sect NTPC(K-7)	500	14/09/2011	21.37		Continued.	GT Inspection work	10/10/2011
Cent_Sect NTPC (V-1)	210	24/09/2011	15.16		Continued.	Coal bunkering problem.	
Cent_Sect NTPC(V-3)	210	24/09/2011	16.45		Continued.	Coal bunkering problem.	
Parli Unit 7	250	24/09/2011	18.53		Continued.	Main steam temp.low.	
Cent_Sect NTPC(V-4)	210	24/09/2011	18.58		Continued.	Coal bunkering problem.	
Cent_Sect NTPC (K-2)	210	27/09/2011	03.09		Continued.	Trip.	
Khaparkheda Unit 5	500	02/10/2011	03.07		Continued.	Air Heater Problem	
Khaparkheda Unit 2	210	02/10/2011	16.15	05/10/2011	02.53	Boiler tube leakage.	
Cent_Sect NTPC(V-2)	210	03/10/2011	17.32		Continued.	Coal Shortage.	
Nasik Unit 4	210	04/10/2011	03.15		Continued.	Boiler Tube Leakage.	07/10/2011
Koyna Unit 9	80	04/10/2011	22.50	04/10/2011	23.30	Failure of Aux. Supply.	
Koyna Unit 10	80	04/10/2011	22.50	04/10/2011	23.30	Failure of Aux. Supply.	
Koyna Unit 11	80	04/10/2011	22.50	04/10/2011	23.30	Failure of Aux. Supply.	
Koyna Unit 12	80	04/10/2011	22.50	04/10/2011	23.30	Failure of Aux. Supply.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Oct/2011

Position as on 6.30 Hrs of 05/Oct/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Mudsungi - Chikodi	29/09/2011	16.06		Continued.	Maintenance work.
Tarapur - Boiser	03/10/2011	08.10		Continued.	Taken on TBC.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad - I	24/09/2011	13.27		Continued.	Over Voltage.
Chandrapur-Bhadravti - I	26/09/2011	17.52		Continued.	Over Voltage.
Kolhapur - Mapusa - II	04/10/2011	01.25	04/10/2011	09.46	Over Voltage.
Kolhapur - Mapusa - I	04/10/2011	17.54		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Khaparkheda - Chandrapur	04/10/2011	08.01	04/10/2011	17.40	Testing Work @ Khaparkheda.
New Koyna - Karad - I	05/10/2011	05.07		Continued.	Taken on TBC Red Hot.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(8 MonthOutage)
220/132 KV 250 MVA ICT at Ambazari	05/08/2011	10.41		Continued.	ICT is to be replaced by 200 MVA ICT Upto 30.9.11.
Main Bus - I @ Talangade	03/10/2011	12.56		Continued.	Erection of New Jumper of A Bus Isolator of New 220KV Sawantwadi-II Bay.
Girwali - Parly - II	04/10/2011	10.53	04/10/2011	13.51	Repairing of Distance Relay.
Wardha-RLY TSS I	04/10/2011	11.02	04/10/2011	15.41	Commissioning of Bus Bar Scheme. Measurment of Tan Delta of C T.
220/132KV 200MVA ICT @ Beed	04/10/2011	12.05	04/10/2011	13.15	Quarterly Maintainance Work of ICT.
Lonand - Jejuri	04/10/2011	13.00	04/10/2011	18.00	Red Hot.
Girawli-Parli-III	04/10/2011	14.07	04/10/2011	17.14	Repairing of Distance Relay.
Hinganghat-Bhugaon	04/10/2011	14.15	04/10/2011	17.18	Repairing of Y Ph. Jumper of W.T.
Wardha-Rly.TSS-II	04/10/2011	16.10	04/10/2011	18.56	Commissioning of Bus Bar Scheme. Measurment of Tan Delta of C T.
Girwali - Parly - IV	04/10/2011	17.23	04/10/2011	18.31	Repairing of Distance Relay.
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kalwa-Standard	04/10/2011	06.19	04/10/2011	08.52	Red Hot.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	03/10/2011	22.21	04/10/2011	05.50	Over Voltage.
Bhusawal- Aurangabad	04/10/2011	23.31	05/10/2011	05.08	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Bale-Osmanbad	22/09/2011	06.38		Continued.	Parli ICT Loading.
Vita-Maisal	04/10/2011	18.45	04/10/2011	21.54	Due to Fault in Maisal .
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV 105 MVA Spare ICT at Parly II	22/08/2011	13.50		Continued.	To Remove Trip Coil Assembly for Bus Coupler.
400/220KV,500 MVA ICT-III at Nagothane.	29/09/2011	15.20		Continued.	NDR.
Karad-Kolhapur-II	03/10/2011	17.36		Continued.	Over Voltage.
400/220KV,100 MVA Spare Unit at Korady	04/10/2011	10.50		Continued.	Bucolz Alarm Recieved.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Oct/2011

Position as on 6.30 Hrs of 05/Oct/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 220KV			Outage Type TRIPPED		
Kanhan - Bhandara - I	04/10/2011	12.47	04/10/2011	12.59	R, B Ph. O/C.
Girawli - Parly - IV	04/10/2011	15.15	04/10/2011	15.36	D/P Inoperative Alarm Received.
Miraj-Maisal	04/10/2011	18.30		Continued.	R Ph.Jumper Broken.
Lote - N.Koyna	05/10/2011	02.01	05/10/2011	02.47	O/C Earth Fault Protection.
Lote- Dasturi	05/10/2011	02.01		Continued.	Distance Protection.
220 KV Bus @ New Koyna	05/10/2011	02.01	05/10/2011	02.47	O/C Earth Fault Protection.
Mumewadi-Halkarni-II	05/10/2011	02.38	05/10/2011	03.07	Distance Protection.
Mumewadi-Halkarni-II	05/10/2011	05.45		Continued.	Back up Earth Fault.
Voltage Level : 132KV			Outage Type TRIPPED		
Himayatnagar-Kinwat	04/10/2011	05.30	04/10/2011	05.45	Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 05/Oct/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	165
Unit 6	210	165
Unit 7	210	140
	620	470
Bhusawal		
Unit 2	210	0
Unit 3	210	165
Unit 4	0	0
	420	165
Parli		
Unit 3	210	145
Unit 4	210	0
Unit 5	210	140
Unit 6	250	190
Unit 7	250	0
	1130	475
Chandrapur		
Unit 1	210	160
Unit 2	210	135
Unit 3	210	180
Unit 4	210	0
Unit 5	500	300
Unit 6	500	275
Unit 7	500	275
	2340	1325
Paras		
Unit 3	250	80
Unit 4	250	80
	500	160
Khaparkheda		
Unit 1	210	150
Unit 2	210	100
Unit 3	210	175
Unit 4	210	175
Unit 5	500	
	1340	600
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	170
Unit 4	210	0
Unit 5	210	140
	870	310
Uran		
All Units	852	630
	852	630
Dabhol		
RGPP	1940	
	1940	
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	0

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	7
BHIRA T.R.	80	40
RNGR+BHTSA	20	15
BHANDARDRA	45	32
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	164
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	810
WARDHA	405	340
Other CPPs	0	
	1005	1150
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1867
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	5297
	3455	5297