



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

State Load Dispatch Center, Airoli

Daily system Report

for

03/Oct/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 03/Oct/2011 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	81.761	247.254	1) Madhya Pradesh	50.432	169.833
2) Hydro	31.941	64.539	2) Gujrat	42.499	134.882
3) Gas	15.119	45.496	3) Goa	-5.452	-16.097
Total MSGENCO	128.821	357.289	4) TAPS 1&2 (Inj.)	7.774	23.324
B) OTHERS			5) Pench (Excess)	-0.662	-2.146
1) RGPPL Gas	33.596	107.310	# Total Cent. Sector	94.591	309.796
2) Wind Generation	5.113	10.529	F) Other Exchanges		
3) CPP	30.371	97.154	1) With TPCL (Excess)	-10.518	-29.507
4) PENCH (MS)	0.662	2.146	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	37.328	129.070
1) TPCL Thermal	29.711	83.383	Include PX	17.204	69.227
2) TPCL Hydro	4.012	9.221	2) MUMBAI Bilateral	10.591	30.913
TOTAL TPCL	33.723	92.604	Include PX	1.552	2.405
3) REL Thermal	12.596	37.795	3) MUMBAI Schedule	10.591	30.913
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	124.068	368.432	1) MSEDCL	282.636	854.717
2) Hydro (A2+B3+C2)	36.615	75.906	2) TPCL	37.930	105.770
3) Gas (A3+B1)	48.715	152.806	3) REL	18.903	54.130
4) Wind (B2)	5.113	10.529	TOTAL STATE	339.469	1014.617
5) CPP (B3)	30.371	97.154			
TOTAL STATE	244.882	704.827			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	3472	3564	3054
MSGENCO Hydro	2143	2183	383
MSGENCO Gas	616	625	652
MSGENCO Total Generation	6231	6372	4089
Central Sector Receipt	4249	3472	4315
RGPPL	1401	1401	1396
WIND	44	399	196
CPP	1157	1303	1399
Exchange with Mumbai	-624	-644	-221
MSEDCL DEMAND MET	12478	12353	11198
Load Shedding (LS)	1650	1389	111
MSEDCL DEMAND (INCL. LS)	14128	13742	11309
TPCL GENERATION	1725	1626	1072
REL GENERATION	524	526	525
TPCL+REL DEMAND	2873	2796	1818
STATE DEMAND MET	15351	15149	13016
Load Management (LM)	1801	3127	1610
Total Load Relief (LS+LM)	3451	4516	1721
UNRESTRICTED STATE DEMAND	18802	19665	14737
Frequency (Hz)	49.55	49.56	49.57

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.03 Hz at 04:30 Hrs	48.8 Hz at 18:40 Hrs	49.58	4.16 % 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 03/Oct/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.83	9.47	172	140	140
Unit 6	3.82	9.76	170	145	155
Unit 7	3.18	8.00	160	100	130
	10.84	27.23			425
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	3.80	11.10	170	140	150
Unit 4	0.00	0.00	0	0	0
	3.80	11.10			150
Parli					
Unit 3	2.74	8.97	143	83	130
Unit 4	0.00	0.00	0	0	0
Unit 5	3.22	9.78	169	112	135
Unit 6	3.93	11.28	193	123	160
Unit 7	0.00	0.00	0	0	0
	9.88	30.03			425
Chandrapur					
Unit 1	3.90	11.56	165	158	155
Unit 2	3.21	9.71	145	124	130
Unit 3	4.30	12.75	188	165	175
Unit 4	0.00	0.00	0	0	0
Unit 5	5.82	19.64	275	220	230
Unit 6	6.58	20.10	295	225	250
Unit 7	7.07	21.16	317	261	260
	30.88	94.92			1200
Paras					
Unit 3	3.97	8.80	184	112	150
Unit 4	3.07	7.68	164	51	100
	7.04	16.48			250
Khaparkheda					
Unit 1	4.28	11.46	190	160	180
Unit 2	0.00	5.68	0	0	0
Unit 3	4.21	11.11	186	157	180
Unit 4	4.46	11.72	195	175	190
Unit 5	0.00	1.38	0	0	0
	12.95	41.35			550
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	0.63	8.20	145	0	0
Unit 4	3.02	10.08	168	24	100
Unit 5	2.71	7.86	162	31	100
	6.36	26.14			200
Uran					
All Units	15.12	45.50	653	609	630
	15.12	45.50			630
Dabhol					
RGPPL	33.60	107.31	1401	1396	
	33.60	107.31			
Koyna					
Stage 1-2	9.14	17.50	560	60	600
Stage 4	15.63	30.59	1110	0	250
Stage 3	4.54	9.87	320	0	320
	29.32	57.96			1170
Kovna 12&4 Total	24.78	48.09			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	0.37	1.38	62	0	60
BHTGR/VEER	0.17	0.38	8	7	5
BHIRA T.R.	0.22	0.97	41	0	80
RNGR+BHTSA	0.20	0.73	16	0	16
BHANDARDRA	0.77	0.77	32	31	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.54	1.79	31	18	0
GHATGHAR	0.35	0.35	125	0	0
	2.62	6.58			161
PENCH (MS)					
Pench (MS)	0.66	2.15	53	0	0
	0.66	2.15			0
Wind					
MalharPeth	0.29	0.65			
Vankuswadi	0.44	0.92			
ATIT	0.06	0.12			
Kale	0.18	0.39			
Satara	0.74	1.41			
Shirala	0.15	0.31			
K Mahankal	0.02	0.04			
Supa	0.06	0.16			
Vita	0.51	1.00			
Dondaicha	1.87	3.76			
Sakri	0.26	0.55			
Nandurbar	0.20	0.43			
Khandke	0.19	0.49			
Khaparale	0.15	0.30			
	5.11	10.53			
CPP					
JSW JAIGAD	18.46	60.91	879	488	800
WARDHA	8.11	25.23	363	316	360
Other CPPs	3.81	11.02			
	30.37	97.15			1160
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.76	35.26	490	490	500
Trombay 6	7.65	17.47	500	155	500
Trombay 7A	2.88	8.64	121	118	120
Trombay 7B	1.58	4.74	66	65	60
Trombay 8	5.85	17.28	249	240	250
TATA Hydro	4.01	9.22	402	0	447
	33.72	92.60			1877
REL					
1&2	12.60	37.80	526	522	500
	12.60	37.80			500
Cent Sect					
Share					5176
					5176

MS PG CL	Thermal	81.76	247.25			3200
	Thml+Gas	96.88	292.75			3830
	Hydro	31.94	64.54			1331
	Total	128.82	357.29			5161
State Total		244.88	704.83			13874

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/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	3039	246	653	3938	1396	195	1370	3380	4719	-471	-403	11238	1864	11349	1999	15101	49.67
2	3054	383	652	4089	1396	196	1399	3223	4315	-264	-221	11198	1721	11309	1818	14737	49.57
3	3080	383	653	4116	1397	163	1369	3171	4326	-185	-112	11284	1824	11572	1708	14816	49.60
4	3110	118	648	3876	1396	194	1368	3155	4364	-132	-45	11178	1973	11592	1642	14793	49.73
5	3197	288	641	4126	1396	182	1355	3165	4375	-132	-54	11405	2033	11835	1652	15090	49.67
6	3225	602	642	4469	1397	183	1351	3282	4427	-238	-130	11723	2317	12357	1728	15768	49.65
7	3356	360	639	4355	1401	173	1372	3440	4214	-283	-253	11289	3359	12926	1853	16501	49.67
8	3476	510	636	4622	1401	102	1397	3474	4126	-317	-323	11328	3533	13133	1951	16812	49.64
9	3532	1141	634	5307	1401	92	1383	3540	3758	-386	-360	11581	3486	13334	2248	17315	49.58
10	3550	1897	629	6076	1401	60	1368	3594	3932	-433	-508	12329	3254	13871	2646	18229	49.61
11	3453	1905	624	5982	1401	50	1255	3741	4099	-576	-600	12201	3320	13753	2846	18367	49.54
12	3472	2143	616	6231	1401	44	1157	3737	4249	-638	-624	12478	3451	14128	2873	18802	49.55
13	3496	1958	615	6069	1401	64	1099	3765	3849	-650	-580	11922	3822	13935	2840	18584	49.64
14	3459	1838	614	5911	1401	88	989	3737	4258	-596	-543	12137	3613	13941	2759	18509	49.63
15	3518	1935	609	6062	1401	115	971	3713	4046	-566	-625	12007	3971	14157	2766	18744	49.53
16	3463	1889	613	5965	1401	175	1013	3651	3568	-519	-599	11523	3935	13694	2800	18258	49.65
17	3503	1832	613	5948	1401	266	1123	3605	3373	-487	-479	11659	3346	13276	2778	17783	49.45
18	3462	1303	616	5381	1401	306	1149	3483	3410	-487	-541	11149	3635	12867	2722	17506	49.51
19	3510	2031	622	6163	1401	485	1201	3338	3466	-503	-552	12217	4280	13708	2753	19250	49.16
20	3564	2183	625	6372	1401	399	1303	3467	3472	-591	-644	12353	4516	13742	2796	19665	49.56
21	3551	2214	629	6394	1401	434	1324	3467	3550	-571	-664	12485	3663	13037	2654	18802	49.61
22	3596	1982	628	6206	1401	402	1337	3393	3592	-532	-603	12384	3367	12647	2498	18249	49.54
23	3571	1653	633	5857	1401	376	1348	3357	3523	-532	-569	11982	3290	12175	2335	17607	49.53
24	3524	1147	635	5306	1401	369	1370	3311	3580	-502	-486	11586	2911	11702	2172	16669	49.56
MUs	81.76	31.94	15.12	128.82	33.60	5.11	30.37	83.19	94.59	-10.59	-10.52	282.64	76.48	310.04	56.84	415.96	49.58

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 03/Oct/2011

Position as on 6.30 Hrs of 04/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
Cent_Sect NTPC(V-5)	210	14/09/2011	00.41	03/10/2011	04.19	Annual Overhaul.	
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 2	210	02/10/2011	16.15		Continued.	Boiler tube leakage.	05/10/2011
Nasik Unit 3	210	03/10/2011	02.20	03/10/2011	18.35	Tripped on main steam Temp.low.	
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

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Oct/2011

Position as on 6.30 Hrs of 04/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 - I	01/10/2011	21.06	03/10/2011	08.26	Over Voltage.
Kolhapur - Mapusa - II	04/10/2011	01.25		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Chandrapur - Parli - I	03/10/2011	07.33	03/10/2011	15.44	Taken on TBC Due to 29B Isolator.
Lonikand - Parli - II	03/10/2011	07.57	03/10/2011	21.48	Replacement of A & B Ph. Interconnector Jumper Between MSETCL Main Bus-I & PGCIL Main Bus-I.
Bus Coupler @ Parli	03/10/2011	08.03	03/10/2011	14.32	Replacement of A & B Ph. Interconnected Jumpers Between MSETCL Main Bus-I & PGCIL Main Bus.
Main Bus - I @ 400 KV Parli	03/10/2011	08.04	03/10/2011	14.32	Replacement of A & B Ph. Interconnector Jumper Between MSETCL Main Bus-I & PGCIL Main Bus-I.
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 - II Talangde	26/09/2011	10.20	03/10/2011	12.53	Q.M.Work of Bus Coupler Bay, Repl. of B Ph. C T of Bus Coupler.
Butibori-INOX	03/10/2011	08.16	03/10/2011	16.17	Measurment of Tan Delta of C T ,Routine Maintanance Work.
Dhule - Amalner	03/10/2011	09.30	03/10/2011	14.00	Jumper Tighting.
Mudshingi - Peth	03/10/2011	09.51	03/10/2011	12.45	Maintenance Work.
220/66KV 50 MVA ICT- II @ Wardha	03/10/2011	10.37	03/10/2011	14.38	Measurment of Tan Delts of ICT Bushing to Attend Hot Spot on HV/LV Side.
Main Bus - I @ Talangade	03/10/2011	12.56		Continued.	Erection of New Jumper of A Bus Isolator of New 220KV Sawantwadi-II Bay.
220/132KV 200MVA ICT @ Beed	03/10/2011	13.00	03/10/2011	19.15	Replacement of Air Cell Ballon.
220 KV Junction Breaker(B/C) @ Koyna I	03/10/2011	13.20	03/10/2011	15.35	Hot Spot.
Amalner - Dondaicha	03/10/2011	14.25	03/10/2011	16.43	Replacement of Y & B Ph. Jumper.
Voltage Level : 110KV			Outage Type PLANNED OUTAGE		
Kalyan-Salsette I	03/10/2011	10.14	03/10/2011	14.06	Sparking on Line Side GOD @ Salsette.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	02/10/2011	22.14	03/10/2011	09.13	Over voltage.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Oct/2011

Position as on 6.30 Hrs of 04/Oct/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Bhusawal- Aurangabad	03/10/2011	22.21	04/10/2011	05.50	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Bale-Osmanbad	22/09/2011	06.38		Continued.	Parli ICT Loading.
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.
400/220 KV 500 MVA ICT - II @ Jejuri	02/10/2011	12.24	03/10/2011	05.25	Buchholz Trip.
Karad-Kolhapur-II	03/10/2011	17.36		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Babaleshwar - Ranjangaon	02/10/2011	22.30	03/10/2011	00.03	Distance protection.B ph.
Hinganghat-Bhugaon	03/10/2011	00.14	03/10/2011	00.33	Distance protection.Z1
Badnera-Amravati	03/10/2011	11.52	03/10/2011	12.10	Distance Protection Operated Z-I Tripped @ Badnera End Only Y Ph.E/F.
Voltage Level : 132KV			Outage Type TRIPPED		
Telgaon - Majalgaon	03/10/2011	11.25	03/10/2011	11.35	Back up O/C Protection Operated.
Chandurbazar - Achalpur	03/10/2011	11.58	03/10/2011	12.10	Distance Protection Operated Z-I B Ph.
Voltage Level : 100KV			Outage Type TRIPPED		
Kalwa-Pal	02/10/2011	20.34	03/10/2011	09.10	Dist portection B ph.(Trial taken,declared faulty.)

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 04/Oct/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	155
Unit 6	210	170
Unit 7	210	150
	620	475
Bhusawal		
Unit 2	210	0
Unit 3	210	140
Unit 4	0	
	420	140
Parli		
Unit 3	210	120
Unit 4	210	0
Unit 5	210	120
Unit 6	250	140
Unit 7	250	0
	1130	380
Chandrapur		
Unit 1	210	160
Unit 2	210	135
Unit 3	210	180
Unit 4	210	0
Unit 5	500	250
Unit 6	500	280
Unit 7	500	300
	2340	1305
Paras		
Unit 3	250	150
Unit 4	250	150
	500	300
Khaparkheda		
Unit 1	210	190
Unit 2	210	0
Unit 3	210	190
Unit 4	210	190
Unit 5	500	
	1340	570
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	102
Unit 4	210	0
Unit 5	210	132
	870	234
Uran		
All Units	852	630
	852	630
Dabhol		
RGPP	1940	0
	1940	0
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	7
BHANDARDRA	45	32
ELDARY	23	0
SMLHY PTN	12	11
GHATGHAR	250	
	611	157
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	805
WARDHA	405	360
Other CPPs	0	
	1005	1165
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	4913
	3455	4913