



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

State Load Dispatch Center, Airoli

Daily system Report

for

10/Oct/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 10/Oct/2011 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	76.821	794.612	1) Madhya Pradesh	39.170	515.916
2) Hydro	39.227	268.387	2) Gujrat	34.118	403.529
3) Gas	14.233	149.221	3) Goa	-6.113	-56.736
Total MSGENCO	130.281	1212.220	4) TAPS 1&2 (Inj.)	7.148	67.535
B) OTHERS			5) Pench (Excess)	-0.706	-6.794
1) RGPPL Gas	33.540	346.254	# Total Cent. Sector	73.617	923.450
2) Wind Generation	2.296	28.002	F) Other Exchanges		
3) CPP	30.664	333.783	1) With TPCL (Excess)	-13.327	-97.819
4) PENCH (MS)	0.706	6.794	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	18.500	382.848
1) TPCL Thermal	30.496	289.817	Include PX	2.469	174.389
2) TPCL Hydro	4.078	33.820	2) MUMBAI Bilateral	13.117	106.389
TOTAL TPCL	34.574	323.637	Include PX	2.096	6.565
3) REL Thermal	12.531	125.693	3) MUMBAI Schedule	13.117	106.389
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	119.848	1210.122	1) MSEDCL	257.777	2752.684
2) Hydro (A2+B3+C2)	44.011	309.001	2) TPCL	40.108	362.543
3) Gas (A3+B1)	47.773	495.475	3) REL	20.329	184.595
4) Wind (B2)	2.296	28.002	TOTAL STATE	318.214	3299.822
5) CPP (B3)	30.664	333.783			
TOTAL STATE	244.592	2376.383			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	3197	3316	2963
MSGENCO Hydro	1693	1888	1773
MSGENCO Gas	580	609	613
MSGENCO Total Generation	5470	5813	5349
Central Sector Receipt	3629	3510	2671
RGPPL	1406	1406	1372
WIND	130	121	35
CPP	1219	1200	1486
Exchange with Mumbai	-705	-733	-271
MSEDCL DEMAND MET	11149	11337	10686
Load Shedding (LS)	3850	2895	1052
MSEDCL DEMAND (INCL. LS)	14999	14232	11738
TPCL GENERATION	1808	1679	1022
REL GENERATION	523	521	523
TPCL+REL DEMAND	3036	2933	1816
STATE DEMAND MET	14185	14270	12502
Load Management (LM)	1841	2976	1548
Total Load Relief (LS+LM)	5691	5871	2600
UNRESTRICTED STATE DEMAND	19876	20141	15102
Frequency (Hz)	48.86	49.27	49.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
49.98 Hz at 18.48 Hrs	48.5 Hz at 14.56 Hrs	48.98	56.67 % 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 10/Oct/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.74	34.07	169	137	135
Unit 6	0.00	24.46	0	0	0
Unit 7	0.00	22.85	0	0	0
	3.74	81.37			135
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	3.64	35.28	170	135	125
Unit 4	0.00	0.00	0	0	
	3.64	35.28			125
Parli					
Unit 3	3.36	30.62	158	95	150
Unit 4	0.00	0.00	0	0	0
Unit 5	2.88	30.85	146	92	100
Unit 6	3.74	38.40	210	92	150
Unit 7	0.00	0.00	0	0	0
	9.98	99.88			400
Chandrapur					
Unit 1	3.58	37.78	160	142	140
Unit 2	3.14	31.59	134	126	130
Unit 3	3.59	40.69	180	135	150
Unit 4	0.00	0.00	0	0	0
Unit 5	6.60	68.93	305	255	250
Unit 6	6.23	67.48	300	223	250
Unit 7	6.53	70.07	318	245	250
	29.66	316.54			1170
Paras					
Unit 3	2.38	26.32	159	44	57
Unit 4	0.13	15.85	53	0	0
	2.50	42.17			57
Khaparkheda					
Unit 1	4.08	40.46	180	160	170
Unit 2	4.01	20.70	171	155	170
Unit 3	4.12	39.69	176	154	170
Unit 4	4.14	41.78	185	165	170
Unit 5	1.68	3.15	109	0	
	18.03	145.76			680
Nasik					
Unit 1	0.00	0.00	0	0	
Unit 2	0.00	0.00	0	0	
Unit 3	3.18	25.76	160	20	132
Unit 4	3.41	19.46	157	114	142
Unit 5	2.66	28.40	122	100	102
	9.26	73.62			376
Uran					
All Units	14.23	149.22	626	514	630
	14.23	149.22			630
Dabhol					
RGPPL	33.54	346.25	1406	1372	
	33.54	346.25			
Koyna					
Stage 1-2	11.38	74.78	550	280	600
Stage 4	19.18	128.00	845	564	250
Stage 3	6.00	42.76	320	158	320
	36.56	245.54			1170
Kovna 12&4 Total	30.56	202.78			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.16	1.40	19	0	18
VTRNA	0.25	0.68	61	0	0
TILLARI	0.34	4.36	60	0	60
BHTGR/VEER	0.16	1.40	7	6	6
BHIRA T.R.	0.26	2.82	41	0	40
RNGR+BHTSA	0.38	2.99	16	16	16
BHANDARDRA	0.31	1.89	13	13	13
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.80	6.04	40	30	11
GHATGHAR	0.00	1.27	0	0	0
	2.67	22.84			164
PENCH (MS)					
Pench (MS)	0.71	6.79	53	0	
	0.71	6.79			
Wind					
MalharPeth	0.21	1.64			
Vankuswadi	0.26	2.55			
ATIT	0.04	0.34			
Kale	0.07	0.94			
Satara	0.22	3.66			
Shirala	0.12	0.88			
K Mahankal	0.08	0.72			
Supa	0.12	0.83			
Vita	0.64	3.35			
Dondaicha	0.08	7.89			
Sakri	0.02	1.21			
Nandurbar	0.00	0.97			
Khandke	0.29	2.12			
Khaparale	0.15	0.88			
	2.30	28.00			
CPP					
JSW JAIGAD	15.46	203.92	858	573	530
WARDHA	10.55	88.25	447	435	260
Other CPPs	4.65	41.62			
	30.66	333.78			790
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.74	115.76	490	475	490
Trombay 6	9.39	74.70	500	165	500
Trombay 7A	2.14	26.00	118	70	120
Trombay 7B	1.36	14.96	64	52	60
Trombay 8	5.86	58.40	246	224	250
TATA Hydro	4.08	33.82	396	0	447
	34.57	323.64			1867
REL					
1&2	12.53	125.69	526	518	500
	12.53	125.69			500
Cent Sect					
Share					4599
					4599

MS PG CL	Thermal	76.82	794.61			2943
	Thml+Gas	91.05	943.83			3573
	Hydro	39.23	268.39			1334
	Total	130.28	1212.22			4907
State Total		244.59	2376.38			12663

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/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	2953	1784	610	5347	1372	47	1507	2871	2876	-573	-552	10641	3460	11964	2122	16223	49.02
2	2890	1766	613	5269	1372	41	1492	2712	2725	-441	-384	10559	3223	11791	1922	15704	48.90
3	2963	1773	613	5349	1372	35	1486	2645	2671	-372	-271	10686	2600	11738	1816	15102	49.04
4	3061	1651	612	5324	1372	39	1472	2627	2713	-347	-186	10749	3285	12373	1745	15779	48.95
5	3121	1757	610	5488	1372	38	1436	2721	2817	-337	-154	11041	3099	12463	1717	15857	49.00
6	3172	1657	601	5430	1372	44	1363	2821	3230	-326	-226	11257	2964	12508	1789	16010	48.80
7	3145	1634	626	5405	1406	59	1298	2918	3209	-319	-290	11133	4186	13562	1893	17212	48.85
8	3271	1351	625	5247	1406	56	1221	2938	2611	-333	-344	10241	4839	13192	2033	17113	49.09
9	3345	1252	597	5194	1406	34	1218	3023	2868	-383	-430	10314	4969	13289	2316	17599	48.90
10	3191	1669	587	5447	1406	65	1215	3192	3196	-451	-525	10804	5290	14114	2682	18776	48.85
11	3184	1686	582	5452	1406	109	1217	3386	3379	-642	-683	10880	5654	14698	2950	19484	48.95
12	3197	1693	580	5470	1406	130	1219	3188	3629	-692	-705	11149	5691	14999	3036	19876	48.86
13	3141	1635	584	5360	1406	102	1208	3287	3554	-677	-751	10902	5885	14948	3029	19816	48.98
14	3176	1590	557	5323	1406	124	1216	3302	3764	-627	-791	11065	5598	14833	3005	19668	48.86
15	3280	1662	540	5482	1406	93	1203	3197	3356	-647	-815	10748	5454	14432	3028	19230	48.73
16	3304	1604	582	5490	1406	73	1206	3066	2997	-677	-807	10385	6100	14824	3031	19516	49.15
17	3287	1150	583	5020	1406	80	1204	2987	2827	-662	-803	9754	6857	14788	3030	19641	49.24
18	3341	1392	514	5247	1406	112	1207	2840	2903	-538	-693	10202	5430	13420	2947	18579	48.98
19	3316	1888	609	5813	1406	121	1200	3028	3510	-703	-733	11337	5871	14232	2933	20141	49.27
20	3316	1787	615	5718	1406	108	1208	3088	3041	-708	-703	10831	5913	13655	2897	19641	49.36
21	3249	1812	598	5659	1406	106	1216	3017	3041	-673	-653	10820	5908	13658	2815	19543	49.14
22	3336	1740	595	5671	1406	275	1218	3033	2966	-663	-648	10933	5367	13251	2710	19010	48.90
23	3331	1601	598	5530	1406	230	1215	2926	2945	-663	-644	10722	4343	12016	2567	17632	48.88
24	3251	1693	602	5546	1406	175	1219	2789	2789	-663	-536	10624	2904	10837	2419	15947	48.83
MUs	76.82	39.23	14.23	130.28	33.54	2.30	30.66	71.60	73.62	-13.12	-13.33	257.78	114.89	321.58	60.43	433.10	48.98

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 10/Oct/2011

Position as on 6.30 Hrs of 11/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.	11/10/2011
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.	11/10/2011
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
Bhusawal Unit 4	0	06/10/2011	11.54		Continued.	Outage.	
Koradi Unit 7	210	08/10/2011	23.43		Continued.	Annual overhaul.	09/11/2011
FORCED OUTAGE							
Cent_Sect NTPC(K-7)	500	14/09/2011	21.37	11/10/2011	04.35	GT Inspection work	
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.	
Paras Unit 4	250	06/10/2011	18.47	10/10/2011	21.00	Bunkering problem.	
Koyna ST-IV 2	250	06/10/2011	21.30		Continued.	Servo motor problem.	15/10/2011
Nasik Unit 3	210	07/10/2011	22.42	10/10/2011	00.30	Steem leakage.	
Koradi Unit 6	210	08/10/2011	08.52		Continued.	ID fan problem.	11/10/2011
Cent_Sect Sipat-4	500	08/10/2011	20.44		Continued.	Boiler tube leakage.	11/10/2011
Koyna Unit 12	80	10/10/2011	05.08	10/10/2011	17.30	B phase Conductor snapped of Pedambe-Karad line	
Koyna Unit 11	80	10/10/2011	05.08	10/10/2011	11.40	B phase Conductor snapped of Pedambe-Karad line	
CPP JSW (J) U3	300	10/10/2011	06.25		Continued.	Colling water pump problem	
Khaparkheda Unit 5	500	10/10/2011	09.25	10/10/2011	14.18	Water Circulation Problem	
Cent_Sect NTPC(V-10)	500	10/10/2011	11.06		Continued.	Boiler Tube Leakage	
Koradi Unit 5	200	11/10/2011	05.21		Continued.	Tripped	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Oct/2011

Position as on 6.30 Hrs of 11/Oct/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Chandrapur-Bhadravti - I	26/09/2011	17.52		Continued.	Over Voltage.
Akola - Wardha - II	06/10/2011	23.08		Continued.	Over Voltage.
Dhule-Sar'Sarovar - II	07/10/2011	23.43		Continued.	Over Voltage.
Parli-Parli (PGCIL)-II	08/10/2011	19.20		Continued.	H/T due to CVT fuse blown off at PGCIL end.
Parli (PGCIL)-Bhadravati-II	08/10/2011	22.14		Continued.	Over Voltage.
Karad - Solapur (PGCIL)	09/10/2011	19.35	10/10/2011	13.13	Over Voltage
Kolhapur - Mapusa - I	09/10/2011	22.07	10/10/2011	13.36	Over Voltage
Karad - Solapur (PGCIL)	10/10/2011	19.59		Continued.	Over Voltage
Kolhapur-Mapusa-II	10/10/2011	20.33		Continued.	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Parli (PG)-Bhadravati I	08/10/2011	19.50		Continued.	Tripped.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Karad-Jaigad II	10/10/2011	23.03		Continued.	To attend Hot Spot
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 15.10.2011
Khapakheda - Koulawada - II	10/10/2011	10.01	10/10/2011	16.40	Attending Hot Spot
Warora - Wani	10/10/2011	13.13	10/10/2011	18.32	Commissioning of Bus Bar Prot.Scheme
Kalwa - Siemens	10/10/2011	15.39	10/10/2011	17.21	To attend Hot Spot
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Kanhan-Uppalwadi	10/10/2011	12.14	10/10/2011	16.45	A/R testing work
Parbhani-Parthur	10/10/2011	12.43		Continued.	To attend Hot Spot
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - I	08/10/2011	17.22		Continued.	To control Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Bale-Osmanbad	22/09/2011	06.38		Continued.	Parli ICT Loading.
Chandrapur - Warora	30/09/2011	23.40		Continued.	H/T for system stability.
Vita - Lamboti	08/10/2011	16.43	10/10/2011	08.40	H/T Vita end for control Over Voltage.
Vita - Lamboti	10/10/2011	19.57		Continued.	H/T from Vita end To control voltage
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.
400/220KV,100 MVA Spare Unit at Korady	04/10/2011	10.50		Continued.	Buchholz Alarm Recieved.
Bableswhar-Aurangabad	10/10/2011	19.07	11/10/2011	05.23	Over Voltage
Voltage Level : 220KV			Outage Type TRIPPED		
Pedambe - Pophali - II	10/10/2011	05.08	10/10/2011	06.40	B phase Conductor snapped of Pedambe-Karad line

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Oct/2011

Position as on 6.30 Hrs of 11/Oct/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Pedambe-Newkoyna	10/10/2011	05.08	10/10/2011	05.52	B phase Conductor snapped of Pedambe-Karad line
Pedambe - Tambati	10/10/2011	05.08	10/10/2011	06.33	B phase Conductor snapped of Pedambe-Karad line
220/110KV,50 MVA T/F-I At Pedambe	10/10/2011	05.08	10/10/2011	06.05	B phase Conductor snapped of Pedambe-Karad line
Bus Coupler Breaker @ New Koyna	10/10/2011	05.08	10/10/2011	05.33	B phase Conductor snapped of Pedambe-Karad line
Bus Section Breaker at Pedambe	10/10/2011	05.08	10/10/2011	05.35	B phase Conductor snapped of Pedambe-Karad line
220/110KV,50 MVA T/F-II At Pedambe	10/10/2011	05.08	10/10/2011	06.05	B phase Conductor snapped of Pedambe-Karad line
Pedambe-Kharepatan	10/10/2011	05.08	10/10/2011	05.50	B phase Conductor snapped of Pedambe-Karad line
Pedambe - Karad	10/10/2011	05.08	10/10/2011	16.49	B phase Conductor snapped of Pedambe-Karad line
Babaleshwar - Bhenda	11/10/2011	01.25	11/10/2011	04.09	Dist.Prot.(Taken on TBC)
Voltage Level : 132KV			Outage Type TRIPPED		
Beed-Gevrai	10/10/2011	02.35	10/10/2011	03.00	Distance Protection
Jangamwadi - Kandhar	10/10/2011	07.00	10/10/2011	23.30	Dist.Prot.B phase Conductor Broken
Giravali-Gangakhed	10/10/2011	10.03	11/10/2011	00.10	B phase Conductor Broken
Bhandara-Tekepar	10/10/2011	14.10	10/10/2011	15.16	Distance Protection
Kardha - Tekepar	10/10/2011	14.10	10/10/2011	15.15	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 11/Oct/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	0
Unit 7	210	0
	620	0
Bhusawal		
Unit 2	210	0
Unit 3	210	160
Unit 4	0	
	420	160
Parli		
Unit 3	210	140
Unit 4	210	0
Unit 5	210	110
Unit 6	250	185
Unit 7	250	0
	1130	435
Chandrapur		
Unit 1	210	150
Unit 2	210	130
Unit 3	210	150
Unit 4	210	0
Unit 5	500	250
Unit 6	500	250
Unit 7	500	260
	2340	1190
Paras		
Unit 3	250	150
Unit 4	250	50
	500	200
Khaparkheda		
Unit 1	210	152
Unit 2	210	143
Unit 3	210	153
Unit 4	210	154
Unit 5	500	
	1340	602
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	160
Unit 4	210	160
Unit 5	210	120
	870	440
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	19

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	7
BHIRA T.R.	80	40
RNGR+BHTSA	20	16
BHANDARDRA	45	13
ELDARY	23	0
SMLHY PTN	12	
GHATGHAR	250	
	611	215
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	530
WARDHA	405	440
Other CPPs	0	
	1005	970
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	4448
	3455	4448