



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

State Load Dispatch Center, Airoli

Daily system Report

for

06/Oct/2011

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	78.122	492.791	1) Madhya Pradesh	46.822	326.075
2) Hydro	15.275	126.971	2) Gujrat	44.202	267.047
3) Gas	15.211	90.982	3) Goa	-5.424	-33.189
Total MSGENCO	108.608	710.744	4) TAPS 1&2 (Inj.)	5.443	44.364
B) OTHERS			5) Pench (Excess)	-0.505	-4.055
1) RGPPL Gas	37.917	214.432	# Total Cent. Sector	90.538	600.242
2) Wind Generation	1.887	18.911	F) Other Exchanges		
3) CPP	34.707	197.408	1) With TPCL (Excess)	-8.728	-56.529
4) PENCH (MS)	0.505	4.055	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	33.546	255.809
1) TPCL Thermal	27.611	172.674	Include PX	11.833	133.223
2) TPCL Hydro	0.043	17.596	2) MUMBAI Bilateral	9.556	61.174
TOTAL TPCL	27.654	190.270	Include PX	-0.525	3.865
3) REL Thermal	12.570	75.526	3) MUMBAI Schedule	9.556	61.174
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	118.303	740.991	1) MSEDCL	265.434	1689.263
2) Hydro (A2+B3+C2)	15.823	148.622	2) TPCL	32.345	214.039
3) Gas (A3+B1)	53.128	305.414	3) REL	16.602	108.273
4) Wind (B2)	1.887	18.911	TOTAL STATE	314.381	2011.575
5) CPP (B3)	34.707	197.408			
TOTAL STATE	223.848	1411.346			

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	3209	3098	3364
MSGENCO Hydro	898	669	949
MSGENCO Gas	622	616	646
MSGENCO Total Generation	4729	4383	4959
Central Sector Receipt	3963	3903	3469
RGPPL	1595	1608	1491
WIND	39	201	76
CPP	1433	1480	1403
Exchange with Mumbai	-365	-595	-111
MSEDCL DEMAND MET	11394	11033	11332
Load Shedding (LS)	1286	814	367
MSEDCL DEMAND (INCL. LS)	12680	11847	11699
TPCL GENERATION	1258	1254	1046
REL GENERATION	525	522	523
TPCL+REL DEMAND	2148	2371	1680
STATE DEMAND MET	13542	13404	13012
Load Management (LM)	1930	3227	1522
Total Load Relief (LS+LM)	3216	4041	1889
UNRESTRICTED STATE DEMAND	16758	17445	14901
Frequency (Hz)	49.51	49.70	49.51

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 06.05 Hrs	48.82 Hz at 01.21 Hrs	49.61	2.52 % 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/Oct/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.05	19.96	159	97	120
Unit 6	3.04	20.68	154	100	130
Unit 7	2.72	17.42	140	65	100
	8.81	58.06			350
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	3.11	21.39	150	105	160
Unit 4		0.00	0	0	
	3.11	21.39			160
Parli					
Unit 3	3.04	17.73	145	92	120
Unit 4	0.00	0.00	0	0	0
Unit 5	2.84	18.86	143	97	110
Unit 6	4.12	23.04	197	153	160
Unit 7	0.00	0.00	0	0	0
	9.99	59.62			390
Chandrapur					
Unit 1	3.83	22.79	165	155	150
Unit 2	3.14	19.09	136	127	135
Unit 3	4.09	25.00	180	145	180
Unit 4	0.00	0.00	0	0	0
Unit 5	6.17	40.08	305	220	300
Unit 6	5.97	39.88	286	220	270
Unit 7	6.42	41.51	303	240	300
	29.63	188.35			1335
Paras					
Unit 3	2.47	18.13	156	57	150
Unit 4	2.36	15.72	172	0	120
	4.83	33.85			270
Khaparkheda					
Unit 1	4.19	23.81	205	150	150
Unit 2	2.41	11.04	183	0	150
Unit 3	3.92	23.45	176	154	160
Unit 4	4.34	24.72	210	158	160
Unit 5		1.38	0	0	
	14.86	84.40			620
Nasik					
Unit 1		0.00	0	0	
Unit 2		0.00	0	0	
Unit 3	3.78	19.44	180	125	170
Unit 4	0.00	10.54	0	0	0
Unit 5	3.12	17.15	158	98	120
	6.89	47.12			290
Uran					
All Units	15.21	90.98	649	613	630
	15.21	90.98			630
Dabhol					
RGPPL	37.92	214.43	1649	1488	
	37.92	214.43			
Koyna					
Stage 1-2	4.51	34.41	465	45	600
Stage 4	6.75	60.10	906	0	250
Stage 3	2.39	20.24	210	0	320
	13.65	114.75			1170
Kovna 12&4 Total	11.26	94.51			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	0.43	0	0	0
TILLARI	0.37	2.52	60	0	60
BHTGR/VEER	0.13	0.80	6	5	5
BHIRA T.R.	0.28	1.79	42	0	40
RNGR+BHTSA	0.38	1.57	17	16	13
BHANDARDRA	0.00	1.28	0	0	30
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.47	3.22	29	16	25
GHATGHAR	0.00	0.62	0	0	0
	1.63	12.22			173
PENCH (MS)					
Pench (MS)	0.50	4.06	53	0	
	0.50	4.06			
Wind					
MalharPeth	0.13	1.17			
Vankuswadi	0.22	1.63			
ATIT	0.02	0.22			
Kale	0.09	0.68			
Satara	0.07	2.09			
Shirala	0.07	0.56			
K Mahankal	0.28	0.61			
Supa	0.08	0.38			
Vita	0.18	1.93			
Dondaicha	0.44	6.29			
Sakri	0.08	0.96			
Nandurbar	0.04	0.76			
Khandke	0.10	1.14			
Khaparale	0.06	0.50			
	1.89	18.91			
CPP					
JSW JAIGAD	21.62	124.81	1032	849	810
WARDHA	8.63	49.69	365	355	360
Other CPPs	4.46	22.90			
	34.71	197.41			1170
Tata					
Trombay 4	0.00	0.00	0	0	
Trombay 5	11.32	69.79	480	420	490
Trombay 6	6.00	41.88	355	155	500
Trombay 7A	2.82	16.81	123	98	120
Trombay 7B	1.56	9.33	66	58	60
Trombay 8	5.91	34.86	247	246	250
TATA Hydro	0.04	17.60	18	0	447
	27.65	190.27			1867
REL					
1&2	12.57	75.53	526	520	500
	12.57	75.53			500
Cent Sect					
Share					4993
					4993

MS PG CL	Thermal	78.12	492.79			3415
	Thml+Gas	93.33	583.77			4045
	Hydro	15.28	126.97			1343
	Total	108.61	710.74			5388
State Total		223.85	1411.35			13918

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/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	3399	1233	643	5275	1488	72	1422	3569	3799	-478	-411	11690	2272	11749	2066	16028	49.46
2	3417	1232	643	5292	1490	83	1393	3471	3500	-380	-345	11458	2123	11517	1905	15486	49.22
3	3402	1020	647	5069	1490	76	1401	3410	3588	-314	-195	11474	1777	11709	1756	15007	49.45
4	3364	949	646	4959	1491	76	1403	3356	3469	-256	-111	11332	1889	11699	1680	14901	49.51
5	3316	1083	648	5047	1492	76	1403	3342	3517	-240	-138	11413	1989	11798	1672	15074	49.51
6	3430	1568	634	5632	1499	76	1410	3301	3306	-219	-136	11804	2349	12383	1707	15860	49.60
7	3496	711	649	4856	1649	66	1412	3433	3022	-248	-145	10877	3483	12543	1729	16089	49.74
8	3420	335	649	4404	1614	40	1429	3438	3402	-254	-167	10722	3557	12455	1750	16029	49.68
9	3249	412	643	4304	1603	35	1432	3499	3651	-317	-246	10779	3468	12416	1856	16103	49.58
10	3247	456	630	4333	1605	28	1427	3541	3780	-379	-327	10846	3346	12311	2002	16194	49.57
11	3262	504	629	4395	1602	25	1427	3712	4076	-462	-384	11141	3373	12582	2140	16654	49.57
12	3209	898	622	4729	1595	39	1433	3719	3963	-461	-365	11394	3216	12680	2148	16758	49.51
13	3273	972	613	4858	1592	27	1432	3685	3777	-483	-379	11307	3274	12653	2147	16728	49.44
14	3298	1021	620	4939	1596	24	1432	3660	3663	-445	-395	11259	3264	12595	2124	16647	49.58
15	3330	615	627	4572	1604	37	1429	3620	3789	-403	-418	11013	3290	12360	2126	16429	49.76
16	3207	416	623	4246	1602	41	1424	3615	4073	-394	-405	10981	3239	12340	2113	16333	49.71
17	3111	188	623	3922	1606	59	1438	3585	4475	-364	-386	11114	3044	12338	2088	16246	49.86
18	3152	109	633	3894	1612	92	1449	3532	3828	-419	-368	10507	3292	11832	2071	15870	49.87
19	3070	373	616	4059	1610	140	1395	3436	4006	-472	-516	10739	4033	11910	2251	17023	49.71
20	3098	669	616	4383	1608	201	1480	3488	3903	-525	-595	11033	4041	11847	2371	17445	49.70
21	3126	221	629	3976	1610	176	1519	3492	4180	-525	-582	10928	3816	11530	2368	17112	49.64
22	3088	107	634	3829	1618	143	1560	3492	4180	-525	-574	10803	3509	11106	2363	16675	49.66
23	3089	94	647	3830	1627	110	1582	3473	3882	-510	-557	10514	3385	10702	2306	16205	49.71
24	3069	89	647	3805	1614	145	1575	3501	3709	-485	-583	10306	2959	10419	2213	15478	49.71
MUs	78.12	15.28	15.21	108.61	37.92	1.89	34.71	84.37	90.54	-9.56	-8.73	265.43	73.99	287.47	48.95	388.37	49.61

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/Oct/2011

Position as on 6.30 Hrs of 07/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
Bhusawal Unit 4	0	05/10/2011	21.45	06/10/2011	04.20	Tripped.	
Bhusawal Unit 4	0	06/10/2011	11.54		Continued.	Outage.	
FORCED OUTAGE							
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	
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
CPP WPCL U-3	135	05/10/2011	19.00		Continued.	W/Dn.	
Cent_Sect Tarapur 1	80	06/10/2011	09.39		Continued.	Under Voltage.	
Khaparkheda Unit 2	210	06/10/2011	14.58		Continued.	Boiler Tube Leakage.	09/10/2011
Paras Unit 4	250	06/10/2011	18.47		Continued.	Bunkering problem.	07/10/2011
Koyna ST-IV 2	250	06/10/2011	21.30		Continued.	Servo motor problem.	15/10/2011

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

Position as on 6.30 Hrs of 07/Oct/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
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.
Karad - Solapur (PGCIL)	05/10/2011	17.30	06/10/2011	11.27	Over Voltage.
Kolhapur - Mapusa - II	05/10/2011	22.40		Continued.	Over Voltage.
Akola - Wardha - II	06/10/2011	23.08		Continued.	Over Voltage.
Karad - Solapur (PGCIL)	06/10/2011	23.10		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Parli (PG)-Bhadravati I	06/10/2011	05.58	06/10/2011	08.20	Over Voltage.
Parli (PG)-Bhadravati I	06/10/2011	08.32		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Borivali -Tarapur	06/10/2011	09.39	06/10/2011	15.55	Distance protection B ph.
Tarapur Main Bus Zone-II	06/10/2011	09.39	06/10/2011	19.09	Tripped along with Borivali-tarapur.
Tarapur-Vapi	06/10/2011	09.39	06/10/2011	18.58	Tripped along with Borivali-Tarapur line.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
New Koyna - Karad - I	05/10/2011	05.07		Continued.	Taken on TBC Red Hot.
400/220KV 500MVA ICT-III at Bableshtar	06/10/2011	02.05	06/10/2011	03.15	For shifting from 400KV Bus-II to 400KV Bus-I.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshtar - 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.
Newkoyna -Lote-Parsuram	05/10/2011	10.51		Continued.	BKR Replacement work.
Theur - Magarpatta	06/10/2011	09.40	06/10/2011	17.25	Q.M.Work
Main Bus @ Lote	06/10/2011	13.02	06/10/2011	14.30	Breaker earth wire replacement.
Lote - Dasturi	06/10/2011	13.02	06/10/2011	14.35	Breaker earth wire replacement.
Lote - N.Koyna	06/10/2011	13.02	06/10/2011	14.30	Breaker earth wire replacement.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	05/10/2011	22.58	06/10/2011	11.34	Over Voltage.
Bhusawal- Aurangabad	06/10/2011	21.50		Continued.	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.
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.	Buchholz Alarm Recieved.

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

Position as on 6.30 Hrs of 07/Oct/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 220KV			Outage Type TRIPPED		
Vita - Lamboti	05/10/2011	13.13	06/10/2011	04.55	Dist.Protection.
Kalwa I-Taloja	05/10/2011	18.23	06/10/2011	03.14	Wave trap of 220KV Kalwa-Taloja burst.
Khaperkheda - Wardha.	06/10/2011	13.13		Continued.	Distance protection Z-1.Declared faulty.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 07/Oct/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	155
Unit 6	210	140
Unit 7	210	130
	620	425
Bhusawal		
Unit 2	210	0
Unit 3	210	140
Unit 4	0	
	420	140
Parli		
Unit 3	210	140
Unit 4	210	0
Unit 5	210	150
Unit 6	250	180
Unit 7	250	0
	1130	470
Chandrapur		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	180
Unit 4	210	0
Unit 5	500	220
Unit 6	500	250
Unit 7	500	250
	2340	1220
Paras		
Unit 3	250	70
Unit 4	250	0
	500	70
Khaparkheda		
Unit 1	210	190
Unit 2	210	0
Unit 3	210	160
Unit 4	210	200
Unit 5	500	
	1340	550
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	152
Unit 4	210	0
Unit 5	210	170
	870	322
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	2
BHIRA T.R.	80	41
RNGR+BHTSA	20	10
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	20
GHATGHAR	250	0
	611	133
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	360
Other CPPs	0	
	1005	1170
Tata		
Trombay 4	150	0
Trombay 5	500	480
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1857
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	4873
	3455	4873