



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

State Load Dispatch Center, Airoli

Daily system Report

for

01/May/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 01/May/2011 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	111.514	111.514	1) Madhya Pradesh	57.617	57.617
2) Hydro	11.166	11.166	2) Gujrat	27.864	27.864
3) Gas	14.924	14.924	3) Goa	-5.241	-5.241
Total MSGENCO	137.604	137.604	4) TAPS 1&2 (Inj.)	3.974	3.974
B) OTHERS			5) Pench (Excess)	-0.100	-0.100
1) RGPPL Gas	33.503	33.503	# Total Cent. Sector	84.114	84.114
2) Wind Generation	7.958	7.958	F) Other Exchanges		
3) CPP	25.319	25.319	1) With TPCL (Excess)	-10.368	-10.368
4) PENCH (MS)	0.100	0.100	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	13.755	13.755
1) TPCL Thermal	24.134	24.134	Include PX	0.000	0.000
2) TPCL Hydro	0.000	0.000	2) MUMBAI Bilateral	11.418	11.418
TOTAL TPCL	24.134	24.134	Include PX	-0.293	-0.293
3) REL Thermal	12.381	12.381	3) MUMBAI Schedule	11.418	11.418
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	148.029	148.029	1) MSEDCL	278.230	278.230
2) Hydro (A2+B3+C2)	11.266	11.266	2) TPCL	30.475	30.475
3) Gas (A3+B1)	48.427	48.427	3) REL	16.406	16.406
4) Wind (B2)	7.958	7.958	TOTAL STATE	325.111	325.111
5) CPP (B3)	25.319	25.319			
TOTAL STATE	240.999	240.999			

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	4716	4589	4660
MSGENCO Hydro	155	189	853
MSGENCO Gas	631	635	640
MSGENCO Total Generation	5502	5413	6153
Central Sector Receipt	4203	3915	2814
RGPPL	1391	1386	1426
WIND	50	481	419
CPP	996	1056	1126
Exchange with Mumbai	-438	-516	-261
MSEDCL DEMAND MET	11704	11737	11677
Load Shedding (LS)	30	47	58
MSEDCL DEMAND (INCL. LS)	11734	11784	11735
TPCL GENERATION	1010	1078	996
REL GENERATION	506	499	521
TPCL+REL DEMAND	1954	2093	1778
STATE DEMAND MET	13658	13830	13455
Load Management (LM)	2068	3528	1580
Total Load Relief (LS+LM)	2098	3575	1638
UNRESTRICTED STATE DEMAND	15756	17405	15093
Frequency (Hz)	49.89	49.88	49.69

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.52 Hz at 18.02 Hrs	49.03 Hz at 00.37 Hrs	49.87	1.52 % 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 01/May/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.23	4.23	182	161	175
Unit 6	4.67	4.67	199	186	196
Unit 7	4.52	4.52	200	175	187
	13.42	13.42			558
Bhusawal					
Unit 2	2.94	2.94	185	0	180
Unit 3	0.00	0.00	0	0	0
Unit 4			0	0	
	2.94	2.94			180
Parli					
Unit 3	3.47	3.47	169	97	135
Unit 4	0.00	0.00	0	0	0
Unit 5	1.51	1.51	137	0	0
Unit 6	0.00	0.00	0	0	0
Unit 7	4.78	4.78	233	127	220
	9.77	9.77			355
Chandrapur					
Unit 1	3.96	3.96	173	141	165
Unit 2	3.95	3.95	167	161	165
Unit 3	4.56	4.56	196	183	195
Unit 4	4.13	4.13	183	146	180
Unit 5	10.53	10.53	465	420	450
Unit 6	9.22	9.22	420	254	400
Unit 7	10.12	10.12	433	402	450
	46.46	46.46			2005
Paras					
Unit 3	4.76	4.76	221	181	210
Unit 4	5.48	5.48	253	182	230
	10.24	10.24			440
Khaparkheda					
Unit 1	3.96	3.96	173	141	180
Unit 2	4.25	4.25	200	142	140
Unit 3	0.00	0.00	0	0	0
Unit 4	5.29	5.29	222	219	210
Unit 5			0	0	
	13.49	13.49			530
Nasik					
Unit 1	0.02	0.02	11	0	0
Unit 2	1.58	1.58	91	0	81
Unit 3	4.47	4.47	190	175	172
Unit 4	4.64	4.64	203	170	177
Unit 5	4.48	4.48	198	170	170
	15.20	15.20			600
Uran					
All Units	14.92	14.92	645	464	630
	14.92	14.92			630
Dabhol					
RGPPL	33.50	33.50	1427	1364	1400
	33.50	33.50			1400
Koyna					
Stage 1-2	3.31	3.31	450	35	600
Stage 4	4.30	4.30	791	0	250
Stage 3	1.49	1.49	240	0	320
	9.10	9.10			1170
Koyna 12&4 Total	7.61	7.61			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	0.00	0	0	0
TILLARI	0.00	0.00	0	0	60
BHTGR/VEER	0.12	0.12	5	5	5
BHIRA T.R.	0.12	0.12	64	0	80
RNGR+BHTSA	0.33	0.33	14	13	14
BHANDARDRA	0.75	0.75	32	31	30
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.74	0.74	42	25	13
GHATGHAR	0.00	0.00	0	0	0
	2.06	2.06			202
PENCH (MS)					
Pench (MS)	0.10	0.10	27	0	
	0.10	0.10			
Wind					
MalharPeth	0.14	0.14			
Vankuswadi	0.39	0.39			
ATIT	0.07	0.07			
Kale	0.24	0.24			
Satara	0.13	0.13			
Shirala	0.21	0.21			
K Mahankal	0.68	0.68			
Supa	0.07	0.07			
Vita	1.59	1.59			
Dondaicha	2.99	2.99			
Sakri	0.49	0.49			
Nandurbar	0.33	0.33			
Khandke	0.25	0.25			
Khaparale	0.38	0.38			
	7.96	7.96			
CPP					
JSW JAIGAD	11.03	11.03	529	434	395
WARDHA	7.58	7.58	422	245	365
Other CPPs	6.71	6.71			
	25.32	25.32			760
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.76	10.76	490	350	500
Trombay 6	3.68	3.68	175	150	500
Trombay 7A	2.87	2.87	122	117	120
Trombay 7B	1.58	1.58	66	65	60
Trombay 8	5.24	5.24	252	150	250
TATA Hydro	0.00	0.00	0	0	447
	24.13	24.13			1877
REL					
1&2	12.38	12.38	524	481	500
	12.38	12.38			500
Cent Sect					
Share					3368
					3368

MS PG CL	Thermal	111.51	111.51			4668
	Thml+Gas	126.44	126.44			5298
	Hydro	11.17	11.17			1372
	Total	137.60	137.60			6670
State Total		241.00	241.00			14575

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/May/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	4563	1562	464	6589	1411	606	1138	3076	3040	-614	-588	12196	2248	12196	2191	16635	49.36
2	4656	1426	488	6570	1427	575	1132	2861	2687	-394	-433	11958	2145	11958	1999	16102	49.58
3	4685	1139	607	6431	1427	580	1122	2760	2717	-295	-319	11958	1645	12010	1851	15454	49.67
4	4660	853	640	6153	1426	419	1126	2737	2814	-274	-261	11677	1638	11735	1778	15093	49.69
5	4634	808	643	6085	1427	375	1119	2737	2982	-274	-250	11738	1732	11801	1757	15227	49.78
6	4631	1206	644	6481	1391	347	1136	2736	3185	-254	-265	12275	1958	12371	1792	16025	49.82
7	4677	863	644	6184	1386	286	1028	3181	3418	-402	-334	11968	2140	12233	1726	15834	50.00
8	4675	176	645	5496	1394	170	998	3232	3783	-372	-351	11490	2149	11764	1709	15348	50.01
9	4621	132	641	5394	1391	140	998	3281	3811	-382	-324	11410	2123	11658	1732	15265	50.02
10	4687	132	643	5462	1391	122	1011	3398	3327	-442	-344	10969	2125	11141	1800	14894	49.99
11	4778	137	635	5550	1391	90	982	3609	3789	-516	-390	11412	2109	11501	1894	15415	50.02
12	4716	155	631	5502	1391	50	996	3631	4203	-546	-438	11704	2098	11734	1954	15756	49.89
13	4688	450	638	5776	1392	39	1014	3565	3984	-516	-466	11739	2101	11773	1990	15830	49.83
14	4770	471	630	5871	1391	82	1010	3423	3995	-516	-469	11880	2091	11904	1978	15949	49.85
15	4745	287	631	5663	1389	131	971	3423	4091	-496	-481	11764	2111	11789	2002	15877	49.90
16	4697	245	634	5576	1391	141	978	3423	4239	-496	-488	11837	2089	11922	2020	15946	50.03
17	4740	120	632	5492	1399	147	989	3428	4304	-486	-428	11903	2160	12071	1977	16040	50.07
18	4571	115	628	5314	1391	238	1003	3423	3272	-475	-402	10816	2418	10989	1935	15169	50.26
19	4637	141	623	5401	1390	306	1006	3260	3058	-496	-433	10728	3314	10867	1931	15973	50.16
20	4589	189	635	5413	1386	481	1056	3390	3915	-614	-516	11737	3575	11784	2093	17405	49.88
21	4569	207	641	5417	1388	634	1113	3435	3607	-656	-559	11627	3586	11672	2152	17365	49.92
22	4580	117	640	5337	1388	623	1126	3435	3461	-676	-598	11364	3541	11364	2196	17101	49.92
23	4478	125	631	5234	1381	754	1136	3316	3281	-614	-614	11198	3540	11198	2210	16948	49.68
24	4466	110	636	5212	1364	622	1131	3217	3154	-614	-617	10884	3147	10884	2216	16247	49.63
MUs	111.5 1	11.17	14.92	137.60	33.50	7.96	25.32	77.98	84.12	-11.42	-10.37	278.23	57.78	280.32	46.88	382.90	49.87

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 01/May/2011

Position as on 6.30 Hrs of 02/May/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.	10/05/2011
Khaparkheda Unit 3	210	25/04/2011	02.51		Continued.	Annual overhaul.	25/05/2011
FORCED OUTAGE							
Parli Unit 5	210	25/04/2011	22.21	01/05/2011	09.50	Non availability of coal mill	
Cent_Sect Tarapur 2	80	26/04/2011	17.50	02/05/2011	00.45	Water Heater outlet Valve problem	
Nasik Unit 1	125	27/04/2011	11.40	01/05/2011	21.30	Boiler Tube Leakage.	
Cent_Sect Kawas GT2A	106	27/04/2011	12.43		Continued.	Preventive maint.work	02/05/2011
Parli Unit 4	210	29/04/2011	16.58		Continued.	I.D.Fan problem.	02/05/2011
Cent_Sect NTPC(K-5)	500	30/04/2011	02.55	01/05/2011	05.40	Boiler Tube Leakage.	
Bhusawal Unit 3	210	30/04/2011	09.02		Continued.	Boiler Tube Leakage.	03/05/2011
Parli Unit 6	250	30/04/2011	20.37		Continued.	Boiler Tube Leakage.	02/05/2011
Koyna ST-IV 1	250	30/04/2011	22.00	01/05/2011	05.00	R.M.Work	
Uran Unit 6	108	30/04/2011	22.05	01/05/2011	01.51	Replacement of relay.	
Koyna Unit 11	80	01/05/2011	07.00		Continued.	Rotor E/F	04/05/2011
Bhusawal Unit 2	210	01/05/2011	16.58		Continued.	Boiler Tube Leakage	04/05/2011
Nasik Unit 2	125	01/05/2011	18.40	01/05/2011	23.45	FST and Condensor Level Problem	
Nasik Unit 1	125	01/05/2011	22.15	02/05/2011	01.25	Vacume Level Low	
Paras Unit 3	250	02/05/2011	03.48		Continued.	Flame Failure	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/May/2011

Position as on 6.30 Hrs of 02/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Pench-Mansar	08/04/2011	10.35		Continued.	Replacement of Relay & Control Panel up to 05.05.2011.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - I	30/04/2011	22.19	01/05/2011	11.11	Over Voltage.
Kolhapur - Mapusa - II	01/05/2011	17.37		Continued.	Over Voltage
Dhule - S'Sarovar- II	01/05/2011	17.50		Continued.	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Padgha - Talegaon (PG)	02/05/2011	01.13	02/05/2011	01.38	Distance Protection
Padgha - Talegaon (PG)	02/05/2011	01.47		Continued.	Distance Protection
IntraState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 Month Outage.)
Kalwa - Tifil	15/04/2011	09.42		Continued.	Stringing of 4th ckt. between Mahape S/S and TIFIL LILO Tower., up to 30.04.2011.
220/132 KV 100 MVA ICT-II @ Parbhani	16/04/2011	11.38		Continued.	Augmentation by 200MVA ICT.
220/132KV 200MVA ICT-V @ Nasik OCR	30/04/2011	07.16		Continued.	Internal inspection and attending oil leakage.
Kandalgaon - Pophali	30/04/2011	09.05	01/05/2011	23.08	LA replacement.
220/33KV 125 MVA T/F 4 at Ghodbandar	01/05/2011	06.10		Continued.	Annual Maint.
220/132 KV 200 MVA ICT-II @ Boiser	01/05/2011	07.55	01/05/2011	14.43	Q.M.Work
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220KV 105MVA Spare ICT @ Parly-II	22/04/2011	13.50		Continued.	To remove trip coil assembly for bus coupler.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	01/05/2011	20.39		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Hingoli-Pusad	18/04/2011	13.07	01/05/2011	10.39	To control Wardha-Yavatmal load
Wardha-Abhijeet I	18/04/2011	17.05		Continued.	To control Koradi ICT Load
Wardha-Abhijeet II	25/04/2011	17.04	01/05/2011	10.39	To control Koradi ICT Load
Khaperkheda - Wardha.	26/04/2011	13.10	01/05/2011	10.33	To control Koradi ICT Load
Chandrapur-Warora - I	27/04/2011	15.35		Continued.	To Control WRR-WRD & WRR-HGHAT Loading.
Dhule-Chalisgaon	29/04/2011	13.19		Continued.	To control ICT loading.
Bale-Murud	30/04/2011	15.15		Continued.	To control Parly ICT.
Bale-Usmanabad	30/04/2011	15.15		Continued.	To control Parly ICT.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Voltage Level : 400KV			Outage Type TRIPPED		
Karad - Kolhapur - II	01/05/2011	17.18		Continued.	Over Voltage
Karad - Lonikand	02/05/2011	01.01	02/05/2011	01.41	Tripped at Karad end only
Karad - Lonikand	02/05/2011	01.47	02/05/2011	02.01	Tripped at Karad end only

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/May/2011

Position as on 6.30 Hrs of 02/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Karad - Lonikand	02/05/2011	03.22		Continued.	Tripped at Karad end only
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(Failed).
220/110KV 200MVA ICT-II at Mudshingi	10/04/2011	18.10		Continued.	Differential Protection, Defective B Phase LA replaced(Kept on Humming at 16.30Hrs on 18/4/11)
Aurangabad - Bhenda	01/05/2011	12.50	01/05/2011	13.14	Distance Protection
Vita - Ghatnandre	01/05/2011	14.58	01/05/2011	15.30	Distance Protection
KDPH-Wankuswadi	01/05/2011	15.15		Continued.	Y Phase LA Burst
Voltage Level : 132KV			Outage Type TRIPPED		
Pusad - Gunj	01/05/2011	07.07	01/05/2011	07.17	Backup Protection Operated
Deepnagar - Jalgaon - I	01/05/2011	16.58	01/05/2011	17.03	Load Trimming Scheme operated at Deepnagar
Deepnagar-Jalgaon-II	01/05/2011	16.58	01/05/2011	17.04	Load Trimming Scheme operated at Deepnagar
Deepnagar-Nimbhora	01/05/2011	16.58	01/05/2011	17.13	Load Trimming Scheme operated at Deepnagar
Deepnagar - Yawal	01/05/2011	16.58	01/05/2011	17.17	Load Trimming Scheme operated at Deepnagar

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 02/May/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	160
Unit 6	210	175
Unit 7	210	170
	620	505
Bhusawal		
Unit 2	210	0
Unit 3	210	0
Unit 4	0	
	420	0
Parli		
Unit 3	210	165
Unit 4	210	0
Unit 5	210	140
Unit 6	250	0
Unit 7	250	190
	1130	495
Chandrapur		
Unit 1	210	170
Unit 2	210	165
Unit 3	210	195
Unit 4	210	180
Unit 5	500	425
Unit 6	500	300
Unit 7	500	430
	2340	1865
Paras		
Unit 3	250	0
Unit 4	250	240
	500	240
Khaparkheda		
Unit 1	210	180
Unit 2	210	170
Unit 3	210	0
Unit 4	210	210
Unit 5	0	
	840	560
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	190
Unit 4	210	180
Unit 5	210	190
	870	740
Uran		
All Units	852	620
	852	620
Dabhol		
RGPP	1940	1400
	1940	1400
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		
KDPH	40	0

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	
TILLARI	60	60
BHTGR/VEER	21	5
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	31
ELDARY	23	
SMLHY PTN	12	11
GHATGHAR	250	
	611	200
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	485
WARDHA	405	365
Other CPPs	0	
	1005	850
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	3553
	3455	3553