



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

State Load Dispatch Center, Airoli

Daily system Report

for

13/May/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 13/May/2011 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	123.943	1528.392	1) Madhya Pradesh	56.945	795.092
2) Hydro	15.042	195.572	2) Gujrat	30.515	380.474
3) Gas	15.415	199.861	3) Goa	-7.226	-87.515
Total MSGENCO	154.400	1923.825	4) TAPS 1&2 (Inj.)	7.886	94.639
B) OTHERS			5) Pench (Excess)	-0.134	-1.861
1) RGPPL Gas	38.749	451.616	# Total Cent. Sector	87.986	1180.829
2) Wind Generation	11.101	157.918	F) Other Exchanges		
3) CPP	18.443	314.901	1) With TPCL (Excess)	-10.625	-149.279
4) PENCH (MS)	0.134	2.045	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	13.177	182.940
1) TPCL Thermal	28.484	358.907	Include PX	0.000	0.000
2) TPCL Hydro	4.904	44.863	2) MUMBAI Bilateral	12.642	162.284
TOTAL TPCL	33.388	403.770	Include PX	-0.367	-5.531
3) REL Thermal	12.440	162.396	3) MUMBAI Schedule	12.642	162.284
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	164.867	2049.695	1) MSEDCL	300.188	3881.855
2) Hydro (A2+B3+C2)	20.080	242.480	2) TPCL	37.513	472.310
3) Gas (A3+B1)	54.164	651.477	3) REL	18.938	243.095
4) Wind (B2)	11.101	157.918	TOTAL STATE	356.639	4597.260
5) CPP (B3)	18.443	314.901			
TOTAL STATE	268.655	3416.471			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	5178	5090	5228
MSGENCO Hydro	859	863	178
MSGENCO Gas	633	642	655
MSGENCO Total Generation	6670	6595	6061
Central Sector Receipt	4004	4116	3204
RGPPL	1597	1615	1635
WIND	335	399	613
CPP	780	782	774
Exchange with Mumbai	-574	-599	-156
MSEDCL DEMAND MET	12812	12917	12131
Load Shedding (LS)	129	0	0
MSEDCL DEMAND (INCL. LS)	12941	12917	12131
TPCL GENERATION	1771	1439	1078
REL GENERATION	522	488	521
TPCL+REL DEMAND	2867	2526	1755
STATE DEMAND MET	15679	15443	13886
Load Management (LM)	2442	3509	1554
Total Load Relief (LS+LM)	2571	3509	1554
UNRESTRICTED STATE DEMAND	18250	18952	15440
Frequency (Hz)	49.78	49.81	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.26 Hz at 07.07 Hrs	49.45 Hz at 19.26 Hrs	49.88	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 13/May/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.86	52.60	172	146	170
Unit 6	4.27	56.54	195	149	170
Unit 7	4.16	56.33	190	150	180
	12.29	165.47			520
Bhusawal					
Unit 2	3.50	33.60	165	135	180
Unit 3	4.12	49.20	185	150	185
Unit 4		0.00	0	0	
	7.62	82.80			365
Parli					
Unit 3	3.71	46.84	180	137	160
Unit 4	3.76	38.97	166	135	160
Unit 5	3.22	43.46	149	71	145
Unit 6	4.72	49.49	239	125	205
Unit 7	4.93	63.84	246	161	225
	20.33	242.60			895
Chandrapur					
Unit 1	3.31	45.88	157	115	140
Unit 2	3.38	31.84	159	111	150
Unit 3	4.02	53.50	196	130	190
Unit 4	4.22	50.90	186	150	185
Unit 5	8.95	117.25	425	335	400
Unit 6	9.65	111.56	445	355	430
Unit 7	9.18	120.97	445	286	435
	42.69	531.89			1930
Paras					
Unit 3	4.78	49.81	211	190	200
Unit 4	5.12	57.96	238	103	230
	9.91	107.77			430
Khaparkheda					
Unit 1	4.22	57.72	200	130	200
Unit 2	4.54	57.61	201	179	200
Unit 3	0.00	0.00	0	0	0
Unit 4	5.26	66.49	223	212	210
Unit 5		0.00	0	0	
	14.01	181.82			610
Nasik					
Unit 1	2.08	23.83	92	77	90
Unit 2	2.14	25.90	94	80	90
Unit 3	4.30	56.58	190	150	190
Unit 4	4.05	53.84	201	144	200
Unit 5	4.53	55.89	205	152	200
	17.10	216.04			770
Uran					
All Units	15.42	199.86	657	629	640
	15.42	199.86			640
Dabhol					
RGPPL	38.75	451.62	1636	1586	1560
	38.75	451.62			1560
Koyna					
Stage 1-2	3.34	48.34	550	35	600
Stage 4	6.62	74.74	690	0	250
Stage 3	2.03	26.95	160	0	240
	11.98	150.03			1090
Kovna 12&4 Total	9.96	123.08			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.36	5.41	18	0	18
VTRNA	0.00	0.00	0	0	0
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.10	2.58	5	4	4
BHIRA T.R.	0.23	2.14	76	0	80
RNGR+BHTSA	0.27	4.12	14	1	13
BHANDARDRA	0.76	9.96	32	31	32
ELDARY	0.49	2.93	21	20	20
SMLHY PTN	0.86	11.18	43	33	20
GHATGHAR	0.00	7.22	0	0	0
	3.06	45.54			187
PENCH (MS)					
Pench (MS)	0.13	2.04	27	0	
	0.13	2.04			
Wind					
MalharPeth	0.25	3.48			
Vankuswadi	0.51	9.01			
ATIT	0.07	1.61			
Kale	0.20	3.35			
Satara	0.15	6.37			
Shirala	0.19	3.33			
K Mahankal	0.60	5.41			
Supa	0.13	1.46			
Vita	0.47	12.79			
Dondaicha	5.38	74.72			
Sakri	0.96	11.41			
Nandurbar	0.79	8.96			
Khandke	0.71	7.85			
Khaparale	0.70	8.15			
	11.10	157.92			
CPP					
JSW JAIGAD	7.23	151.75	303	298	275
WARDHA	7.29	101.79	353	241	330
Other CPPs	3.62	61.06			
	18.14	314.60			605
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.76	149.20	490	490	500
Trombay 6	6.76	79.26	430	150	500
Trombay 7A	2.88	37.42	123	117	120
Trombay 7B	1.58	20.57	67	65	60
Trombay 8	5.51	72.47	250	150	250
TATA Hydro	4.90	44.86	471	0	447
	33.39	403.77			1877
REL					
1&2	12.44	162.40	523	488	500
	12.44	162.40			500
Cent Sect					
Share					3259
					3259

MS PG CL	Thermal	123.94	1528.39		5520
	Thml+Gas	139.36	1728.25		6160
	Hydro	15.04	195.57		1277
	Total	154.40	1923.82		7437
State Total		268.66	3416.47		15238

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/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	5089	668	645	6402	1621	566	781	2996	3667	-581	-533	12528	1983	12528	2132	16643	49.89
2	5056	234	650	5940	1619	517	771	2830	3822	-415	-347	12346	1850	12346	1945	16141	49.86
3	5172	243	650	6065	1628	610	777	2700	3370	-287	-229	12228	1472	12228	1826	15526	50.01
4	5228	178	655	6061	1635	613	774	2653	3204	-242	-156	12131	1554	12131	1755	15440	50.04
5	5368	163	655	6186	1636	642	760	2653	3271	-212	-110	12385	1675	12385	1708	15768	50.02
6	5353	158	657	6168	1636	677	729	2653	3552	-187	-136	12626	1861	12626	1752	16239	50.00
7	5335	160	652	6147	1636	545	728	3060	3632	-354	-253	12435	2399	12435	1761	16595	49.98
8	5339	199	650	6188	1633	490	745	3087	3803	-364	-307	12552	2399	12552	1856	16807	50.03
9	5325	398	642	6365	1619	386	729	3106	3841	-414	-386	12554	2510	12665	2131	17195	49.99
10	5368	546	643	6557	1610	305	723	3254	3681	-491	-426	12450	2713	12694	2508	17671	49.96
11	5268	580	641	6489	1602	301	746	3444	3886	-629	-521	12503	2691	12722	2774	17968	49.86
12	5178	859	633	6670	1597	335	780	3521	4004	-679	-574	12812	2571	12941	2867	18250	49.78
13	5024	984	631	6639	1593	368	797	3532	3894	-679	-574	12717	2563	12840	2851	18131	49.75
14	5075	899	629	6603	1595	418	810	3491	3719	-636	-524	12621	2506	12687	2761	17888	49.83
15	5122	1157	633	6912	1586	435	815	3401	3619	-657	-564	12803	1989	12839	2810	17602	49.69
16	5108	1402	635	7145	1596	508	798	3307	3300	-674	-561	12786	1913	12826	2854	17553	49.75
17	5018	1374	632	7024	1598	518	815	3305	3476	-663	-545	12886	1930	12981	2809	17625	49.77
18	5153	440	640	6233	1612	481	760	3265	3706	-566	-472	12320	2192	12388	2719	17231	49.97
19	5146	181	640	5967	1618	427	719	3184	3592	-552	-438	11885	3181	11885	2591	17657	50.03
20	5066	734	640	6440	1612	384	760	3291	4114	-624	-529	12781	3495	12781	2598	18874	49.80
21	5090	863	642	6595	1615	399	782	3305	4116	-673	-599	12917	3509	12917	2526	18952	49.81
22	5010	779	640	6429	1615	350	809	3311	3794	-673	-585	12439	3509	12439	2399	18347	49.80
23	5014	778	640	6432	1619	406	758	3276	3675	-683	-604	12309	3509	12309	2272	18090	49.80
24	5038	1065	640	6743	1618	420	777	3123	3247	-707	-652	12173	3128	12173	2248	17549	49.75
MUs	123.94	15.04	15.42	154.40	38.75	11.10	18.44	75.75	87.98	-12.64	-10.62	300.19	59.10	301.32	56.45	415.74	49.88

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 13/May/2011

Position as on 6.30 Hrs of 14/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.	16/05/2011
Khaparkheda Unit 3	210	25/04/2011	02.51		Continued.	Annual overhaul.	25/05/2011
Cent_Sect NTPC (V-1)	210	07/05/2011	00.46		Continued.	A/OH	19/06/2011
Cent_Sect NTPC(K-5)	500	10/05/2011	00.00		Continued.	Annual Overhaul	03/06/2011
CPP JSW (J) U1	300	12/05/2011	00.24		Continued.	Annual Overhaul.	27/05/2011
Koyna Unit 10	80	13/05/2011	00.00		Continued.	Annual Overhaul	25/05/2011
FORCED OUTAGE							
Cent_Sect NTPC(K-7)	500	11/05/2011	01.15		Continued.	Fire in GT	21/05/2011
CPP WPCL U-3	135	13/05/2011	08.23	13/05/2011	09.25	P A Fan Problem.	
Parli Unit 5	210	13/05/2011	23.43		Continued.	H P Heater Tube Leakage.	18/05/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/May/2011

Position as on 6.30 Hrs of 14/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Akola - Bhusawal	13/05/2011	07.58	13/05/2011	17.31	Maint. & Tsting Work.
Bblswr - Padgha - II	13/05/2011	08.08	13/05/2011	20.51	E/W Replacement.
400/220 KV 315 MVA ICT-II @ Dhule	13/05/2011	09.03	13/05/2011	18.30	SFRA & Tand Test.
400/220KV,500MVA ICT-III At Kalwa.	13/05/2011	14.32	13/05/2011	15.25	Testing Work.
Padgha - Babaleshwar - II	14/05/2011	06.37	14/05/2011	19.18	E/W Replacement.
400/220KV 315MVA ICT-II @ BLSR	14/05/2011	11.07	14/05/2011	13.37	R M Work.
400/220KV 315MVA ICT-II @ New Koyna	14/05/2011	14.47	14/05/2011	18.24	Hot Spot @ B Ph C B Side Clamp,ICT on TBC.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
220/132 KV,200 MVA ICT @ Bale	30/03/2011	10.00	13/05/2011	16.05	Replacement of 125 MVA CGL Make ICT to 200 MVA Vijay Make ICT.
Kharghar-Nerul	06/05/2011	09.32		Continued.	Dismantling and erection of towers(upto 04.06.2011)
Padgha - Kalwa	10/05/2011	09.30		Continued.	System strenghtening work.
Temghar-Colourchem	10/05/2011	10.30		Continued.	Bunching of arrangement.
220/6.6 KV,40 MVA Stn.T/F-III at Khaparkheda	10/05/2011	16.16		Continued.	Overhauling Work.
220/100KV,100 MVA T/F-I at Jambhul	13/05/2011	09.00	13/05/2011	17.00	Premansoon Maintenance.
Talangade - Mumewadi	13/05/2011	09.07	13/05/2011	18.00	Line Maint.Work.
220/132 KV,100MVA ICT-II At Padegaon.	13/05/2011	09.27	13/05/2011	15.34	Q.M.Work.
Anandnagar-Jambul	13/05/2011	09.43	13/05/2011	16.43	R M Work.
Kalwa-C'chem	13/05/2011	11.48	13/05/2011	14.15	R M Work.
Borivali-Boisar	14/05/2011	08.26	14/05/2011	23.15	Lifting & Mounting of Y Ph Cable on LILO Terminal Tower.
Babaleshwar - Nagar - II	14/05/2011	08.35	14/05/2011	15.56	Insulator Replacement.
Talangade - Mumewadi	14/05/2011	09.05	14/05/2011	18.40	Replacement of Old Hardware.
Chandrapur-Wani	14/05/2011	09.41	14/05/2011	14.40	Testing of Distance Scheme.
Warora - Wani	14/05/2011	14.52	14/05/2011	18.12	Testing of Distance Scheme.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Chikali - Buldhana	13/05/2011	10.55	13/05/2011	15.45	Retrofitting Work.
Padegaon - Harsul - III	13/05/2011	12.55	13/05/2011	16.03	Q.M.Work.
Bhusawal - Jalgaon - II	14/05/2011	07.09	14/05/2011	18.02	Replacement of 2 No's of 132KV Bus Side Isolator Under LES Scheme on 132KV Deepnagar & Measurment of Tan Delta.
Pachora - Chalisgaon - I	14/05/2011	09.08	14/05/2011	14.55	Q.M.Work.
Buldana-Motala	14/05/2011	10.10	14/05/2011	13.55	Retrofitting 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.
400/220 KV 315 MVA ICT - I @ Aurangabad	13/05/2011	12.56	13/05/2011	18.01	To Attend Oil Leakage on 400 KV C B.H V Side on TBC.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/May/2011

Position as on 6.30 Hrs of 14/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/132KV,200MVA ICT-I at Malegaon	13/05/2011	08.14	13/05/2011	21.48	To Attend OLTC Oil Leakage & Gasket Replacement.
Interconnector @ Kalwa-II	13/05/2011	09.22	13/05/2011	11.41	Disconnecting of Damaged E/W.
Creak Side Bus @ Kalwa	13/05/2011	09.45	13/05/2011	11.17	Disconnecting of Damaged E/W.
220/132 KV 200 MVA ICT-II @ Boiser	13/05/2011	10.07	13/05/2011	13.30	To Attend Oil Leakage.
Kalwa-Mulund II	13/05/2011	13.00	13/05/2011	13.30	Bird Fault.
Trombay-Kalwa	13/05/2011	13.00	13/05/2011	13.30	Bird Fault.
220/132 KV 200 MVA ICT - II @ Malegaon	14/05/2011	13.15	14/05/2011	13.35	For Air Temp. & Winding Temp. Alarm Setting.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	12/05/2011	21.35	13/05/2011	05.35	Over Voltage
Bhusawal- Aurangabad	13/05/2011	21.11	14/05/2011	08.46	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chandrapur-Warora - I	27/04/2011	15.35	14/05/2011	09.40	To Control WRR-WRD & WRR-HGHAT Loading.
Dhule-Chalisgaon	29/04/2011	13.19	14/05/2011	16.09	To control Dhule ICT loading.
Khaperkheda - Wardha.	02/05/2011	19.15		Continued.	To control Koradi ICT loading.
Ambazari - Abhijeet	02/05/2011	19.52		Continued.	To control Koradi ICT loading.
Wardha-Abhijeet II	05/05/2011	16.51		Continued.	To Control Koradi ICT Load.
Aurangabad - Babaleshwar	07/05/2011	07.32		Continued.	To control A'bad ICT loading.
Babaleshwar - Bhenda	12/05/2011	11.35		Continued.	To control BBLSR ICT Load
Chandrapur-Warora - I	14/05/2011	18.16		Continued.	To Control 220KV Warora-Hinganghat ckt Loading
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	13/05/2011	18.45	13/05/2011	18.59	Pole Descrpancy.
Lonikand-Kalwa	14/05/2011	05.25	14/05/2011	07.01	Distance Protection.
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)
Gangapur-Valve	13/05/2011	12.34		Continued.	Tower Bent @ Loc. No.10C.7,8,9,10,11.
Kalwa-C'chem	13/05/2011	12.36	13/05/2011	12.56	Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 14/May/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	155
Unit 6	210	180
Unit 7	210	175
	620	510
Bhusawal		
Unit 2	210	160
Unit 3	210	185
Unit 4	0	
	420	345
Parli		
Unit 3	210	120
Unit 4	210	150
Unit 5	210	0
Unit 6	250	170
Unit 7	250	175
	1130	615
Chandrapur		
Unit 1	210	140
Unit 2	210	100
Unit 3	210	190
Unit 4	210	180
Unit 5	500	380
Unit 6	500	300
Unit 7	500	425
	2340	1715
Paras		
Unit 3	250	210
Unit 4	250	230
	500	440
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	0
Unit 4	210	210
Unit 5	0	
	840	610
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	190
Unit 4	210	190
Unit 5	210	180
	870	740
Uran		
All Units	852	620
	852	620
Dabhol		
RGPP	1940	1530
	1940	1530
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		
KDPH	40	18

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	0
TILLARI	60	0
BHTGR/VEER	21	15
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	32
ELDARY	23	0
SMLHY PTN	12	30
GHATGHAR	250	0
	611	190
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	275
WARDHA	405	285
Other CPPs	0	
	1005	560
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	3264
	3455	3264