



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

State Load Dispatch Center, Airoli

Daily system Report

for

14/May/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 14/May/2011 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	118.856	1647.248	1) Madhya Pradesh	59.541	854.633
2) Hydro	23.000	218.572	2) Gujrat	30.828	411.302
3) Gas	15.296	215.157	3) Goa	-7.598	-95.113
Total MSGENCO	157.152	2080.977	4) TAPS 1&2 (Inj.)	7.842	102.481
B) OTHERS			5) Pench (Excess)	-0.148	-2.009
1) RGPPL Gas	38.712	490.328	# Total Cent. Sector	90.465	1271.294
2) Wind Generation	9.066	166.984	F) Other Exchanges		
3) CPP	18.273	333.174	1) With TPCL (Excess)	-10.218	-159.497
4) PENCH (MS)	0.148	2.193	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	13.177	196.118
1) TPCL Thermal	27.728	386.635	Include PX	0.000	0.000
2) TPCL Hydro	3.054	47.917	2) MUMBAI Bilateral	11.530	173.814
TOTAL TPCL	30.782	434.552	Include PX	-1.180	-6.710
3) REL Thermal	12.528	174.924	3) MUMBAI Schedule	11.530	173.814
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	159.112	2208.807	1) MSEDCL	303.598	4185.453
2) Hydro (A2+B3+C2)	26.202	268.682	2) TPCL	35.191	507.501
3) Gas (A3+B1)	54.008	705.485	3) REL	18.338	261.433
4) Wind (B2)	9.066	166.984	TOTAL STATE	357.127	4954.387
5) CPP (B3)	18.273	333.174			
TOTAL STATE	266.661	3683.132			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	4877	5131	4760
MSGENCO Hydro	1374	1238	190
MSGENCO Gas	644	639	646
MSGENCO Total Generation	6895	7008	5596
Central Sector Receipt	4363	3885	3610
RGPPL	1598	1614	1631
WIND	216	295	480
CPP	759	782	751
Exchange with Mumbai	-550	-575	-141
MSEDCL DEMAND MET	13281	13032	11927
Load Shedding (LS)	181	0	5
MSEDCL DEMAND (INCL. LS)	13462	13032	11932
TPCL GENERATION	1561	1342	1076
REL GENERATION	523	522	523
TPCL+REL DEMAND	2634	2439	1740
STATE DEMAND MET	15915	15471	13667
Load Management (LM)	2211	3535	1607
Total Load Relief (LS+LM)	2392	3535	1612
UNRESTRICTED STATE DEMAND	18307	19006	15279
Frequency (Hz)	49.76	49.94	49.84

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.36 Hz at 18.03 Hrs	49.38 Hz at 14.38 Hrs	49.86	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 14/May/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.86	56.46	176	143	155
Unit 6	4.46	61.00	195	165	180
Unit 7	4.32	60.65	190	165	175
	12.64	178.11			510
Bhusawal					
Unit 2	3.48	37.08	155	135	160
Unit 3	4.22	53.41	185	160	185
Unit 4		0.00	0	0	
	7.70	90.49			345
Parli					
Unit 3	3.20	50.05	175	120	120
Unit 4	3.32	42.29	158	109	150
Unit 5	0.00	43.46	0	0	0
Unit 6	4.86	54.35	234	171	170
Unit 7	4.64	68.48	260	151	175
	16.03	258.63			615
Chandrapur					
Unit 1	2.85	48.73	140	92	140
Unit 2	2.50	34.34	123	70	100
Unit 3	4.39	57.89	195	154	190
Unit 4	4.15	55.06	181	142	180
Unit 5	8.64	125.89	410	320	380
Unit 6	8.71	120.27	427	305	300
Unit 7	10.14	131.11	445	387	425
	41.39	573.28			1715
Paras					
Unit 3	4.81	54.62	216	189	210
Unit 4	5.18	63.14	242	147	230
	9.99	117.76			440
Khaparkheda					
Unit 1	4.64	62.36	210	165	200
Unit 2	4.46	62.08	195	168	200
Unit 3	0.00	0.00	0	0	0
Unit 4	5.25	71.74	223	195	210
Unit 5		0.00	0	0	
	14.36	196.18			610
Nasik					
Unit 1	2.07	25.90	94	79	90
Unit 2	1.88	27.78	92	59	90
Unit 3	4.43	61.02	195	170	190
Unit 4	4.14	57.97	191	136	190
Unit 5	4.23	60.12	198	150	180
	16.75	232.79			740
Uran					
All Units	15.30	215.16	651	617	620
	15.30	215.16			620
Dabhol					
RGPPL	38.71	490.33	1642	1576	1530
	38.71	490.33			1530
Koyna					
Stage 1-2	5.46	53.80	525	40	600
Stage 4	10.80	85.54	986	0	250
Stage 3	3.64	30.59	240	0	240
	19.89	169.92			1090
Kovna 12&4 Total	16.25	139.33			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.10	5.52	18	0	18
VTRNA	0.00	0.00	0	0	0
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.31	2.89	13	13	15
BHIRA T.R.	0.18	2.32	70	0	80
RNGR+BHTSA	0.31	4.43	14	13	15
BHANDARDRA	0.81	10.77	34	32	32
ELDARY	0.48	3.41	21	20	0
SMLHY PTN	0.90	12.08	45	35	30
GHATGHAR	0.00	7.22	0	0	0
	3.11	48.65			190
PENCH (MS)					
Pench (MS)	0.15	2.19	23	0	
	0.15	2.19			
Wind					
MalharPeth	0.24	3.72			
Vankuswadi	0.43	9.44			
ATIT	0.24	1.85			
Kale	0.19	3.54			
Satara	0.31	6.67			
Shirala	0.17	3.50			
K Mahankal	0.08	5.49			
Supa	0.23	1.69			
Vita	0.39	13.18			
Dondaicha	3.87	78.59			
Sakri	0.86	12.27			
Nandurbar	0.72	9.68			
Khandke	0.84	8.69			
Khaparale	0.52	8.67			
	9.07	166.98			
CPP					
JSW JAIGAD	6.60	158.35	275	275	275
WARDHA	7.14	108.94	331	234	285
Other CPPs	4.53	65.59			
	18.27	332.87			560
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.74	160.94	490	475	500
Trombay 6	6.04	85.30	350	150	500
Trombay 7A	2.87	40.28	122	117	120
Trombay 7B	1.58	22.15	67	65	60
Trombay 8	5.50	77.97	250	150	250
TATA Hydro	3.05	47.92	301	0	447
	30.78	434.55			1877
REL					
1&2	12.53	174.92	523	521	500
	12.53	174.92			500
Cent Sect					
Share					3264
					3264

MS PG CL	Thermal	118.86	1647.25		4975
	Thml+Gas	134.15	1862.40		5595
	Hydro	23.00	218.57		1280
	Total	157.15	2080.98		6875
State Total		266.66	3683.13		14606

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 14/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	4975	1148	641	6764	1625	468	781	2996	3202	-581	-518	12345	2033	12345	2146	16524	49.88
2	4986	984	641	6611	1632	504	777	2823	3032	-405	-369	12210	1911	12210	1967	16088	49.97
3	4858	512	645	6015	1630	557	781	2693	3342	-278	-232	12105	1375	12105	1830	15310	49.91
4	4849	160	644	5653	1629	542	780	2656	3620	-242	-177	12047	1463	12047	1775	15285	49.88
5	4760	190	646	5596	1631	480	751	2656	3610	-212	-141	11927	1612	11932	1740	15279	49.84
6	4820	529	651	6000	1634	504	731	2656	3825	-187	-127	12567	1902	12632	1761	16230	49.87
7	4967	728	651	6346	1642	359	719	3070	3490	-334	-272	12284	2307	12538	1754	16345	49.99
8	4981	558	641	6180	1639	266	709	3070	4019	-334	-273	12540	2265	12752	1790	16595	49.96
9	5033	538	642	6213	1631	180	769	3025	4167	-345	-345	12615	2234	12796	1975	16824	49.94
10	5009	963	633	6605	1620	151	768	3249	3876	-408	-368	12652	2241	12744	2302	17195	49.86
11	4943	956	630	6529	1609	164	756	3486	4456	-565	-536	12978	2366	13058	2549	17893	49.86
12	4877	1374	644	6895	1598	216	759	3491	4363	-595	-550	13281	2392	13462	2634	18307	49.76
13	4866	1516	645	7027	1593	308	770	3491	4013	-600	-535	13176	2524	13496	2606	18306	49.74
14	4884	1384	631	6899	1594	465	767	3476	3912	-584	-522	13115	2512	13423	2563	18190	49.84
15	4832	1653	624	7109	1580	480	777	3432	3686	-584	-536	13096	2356	13428	2570	18022	49.68
16	4850	1866	617	7333	1576	479	774	3266	3648	-595	-533	13277	2262	13597	2559	18098	49.67
17	4931	1641	623	7195	1595	438	751	3277	3798	-565	-484	13293	2229	13582	2496	18018	49.92
18	5006	696	629	6331	1597	451	744	3223	4082	-489	-435	12770	2402	12914	2464	17636	49.96
19	5017	272	628	5917	1607	447	711	3161	3939	-476	-425	12196	3237	12196	2376	17809	49.99
20	5112	910	640	6662	1606	374	754	3220	4023	-575	-546	12880	3524	12880	2455	18859	49.85
21	5131	1238	639	7008	1614	295	782	3264	3885	-629	-575	13032	3535	13032	2439	19006	49.94
22	5091	972	637	6700	1612	312	783	3259	3737	-624	-565	12602	3535	12602	2327	18464	49.88
23	5024	904	637	6565	1609	315	783	3240	3563	-651	-581	12277	3535	12277	2238	18050	49.79
24	5054	1308	637	6999	1609	311	796	3085	3177	-673	-573	12333	3133	12333	2212	17678	49.72
MUs	118.86	23.00	15.30	157.15	38.71	9.07	18.27	75.26	90.46	-11.53	-10.22	303.60	58.88	306.38	53.53	416.01	49.86

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 14/May/2011

Position as on 6.30 Hrs of 15/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
Parli Unit 5	210	13/05/2011	23.43		Continued.	H P Heater Tube Leakage.	18/05/2011
Parli Unit 7	250	15/05/2011	07.04		Continued.	Due to CHP Problem.	16/05/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 14/May/2011

Position as on 6.30 Hrs of 15/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Tarapur - Borivali	15/05/2011	08.13	15/05/2011	17.15	Annual maintenance work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule - S'Sarovar- II	11/05/2011	22.57	15/05/2011	06.45	Over Voltage.
Dhule-Sar'Sarovar - I	15/05/2011	00.01		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
BOISER - PGCIL-II	15/05/2011	06.35	15/05/2011	06.48	To avail outage on Boiser'B' bus.
Voltage Level : 400KV			Outage Type TRIPPED		
Padgha - Talegaon (PG)	15/05/2011	02.42	15/05/2011	13.25	Distance Protection, Declred Faulty.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Padgha - Babaleshwar - II	14/05/2011	06.37	14/05/2011	19.18	E/W Replacement.
400/220KV 315MVA ICT-II @ BBLSR	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.
Padgha - Babaleshwar - II	15/05/2011	09.08	15/05/2011	21.00	Earth wire replacement work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
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 125 MVA ICT-I @ Kalwa	11/05/2011	08.45	15/05/2011	08.30	Replacement of Old 3 Core C T's by 5 Core C T's.
Borivali-Boisar	14/05/2011	08.26	14/05/2011	23.15	Lifting & Mounting of Y Ph Cable on LILLO 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.
Kandalgaon - ONGC	14/05/2011	09.15	15/05/2011	23.21	Insulator Replacement Cross Arm Bent @ Loc.563.
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.
Trombay-Salset-II	15/05/2011	07.10	15/05/2011	15.00	Cold line washing work.
B - Bus at Boiser	15/05/2011	08.06	15/05/2011	14.25	Isolator alignment of Versova line.
Versova-Boiser	15/05/2011	08.48	15/05/2011	14.17	Annual bay maintenance work.
Trombay-Mulund	15/05/2011	10.08	15/05/2011	15.19	Tan delta measurement of CTs.
Trombay - Salsett - I	15/05/2011	15.30	15/05/2011	19.00	Cold washing of insulators.
220/100 KV 200 MVA ICT II at Trombay	15/05/2011	15.30	15/05/2011	18.25	Tan delta measurement of CTs.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
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.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 14/May/2011

Position as on 6.30 Hrs of 15/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
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.
Parbhani-Parthur	15/05/2011	14.38	15/05/2011	20.44	For removing old civil structure near line isolator.
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 : 220KV			Outage Type FORCED OUTAGE		
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	13/05/2011	21.11	14/05/2011	08.46	Over Voltage.
Bhusawal- Aurangabad	14/05/2011	21.38	15/05/2011	07.52	Over Voltage.
Bhusawal- Aurangabad	15/05/2011	18.36		Continued.	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
Bale-Murud	15/05/2011	08.32		Continued.	To control Parli ICT loading.
Bale-Usmanabad	15/05/2011	08.32		Continued.	To control Parli ICT 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		
Lonikand-Kalwa	14/05/2011	05.25	14/05/2011	07.01	Distance Protection.
Karad - Kolhapur - II	15/05/2011	16.12	15/05/2011	17.06	Distance protection.
Karad-New Koyna II	15/05/2011	16.42	15/05/2011	17.00	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.
Halkarni -Tillary	15/05/2011	02.46	15/05/2011	12.27	Distance Protection ,Declred Faulty.
Sahara-B'dying	15/05/2011	04.07	15/05/2011	06.15	Distance Protection.
Dondaicha - Jamde - I	15/05/2011	14.02		Continued.	Distance protection.
Dondaicha - Jamde - II.	15/05/2011	14.47	15/05/2011	15.48	Tripped on jerk.
Shendra-Jalna Ckt.	15/05/2011	19.37	15/05/2011	19.57	220KV TBC R ph.CT burst.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 15/May/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	165
Unit 6	210	170
Unit 7	210	165
	620	500
Bhusawal		
Unit 2	210	185
Unit 3	210	165
Unit 4	0	
	420	350
Parli		
Unit 3	210	172
Unit 4	210	174
Unit 5	210	0
Unit 6	250	165
Unit 7	250	140
	1130	651
Chandrapur		
Unit 1	210	125
Unit 2	210	120
Unit 3	210	195
Unit 4	210	180
Unit 5	500	350
Unit 6	500	325
Unit 7	500	400
	2340	1695
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	1560
	1940	1560
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	5
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	35
ELDARY	23	0
SMLHY PTN	12	35
GHATGHAR	250	0
	611	188
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	3176
	3455	3176