



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

State Load Dispatch Center, Airoli

Daily system Report

for

15/May/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 15/May/2009 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	120.805	1722.163	1) Madhya Pradesh	52.688	873.654
2) Hydro	11.097	246.143	2) Gujrat	13.065	294.595
3) Gas	15.891	223.104	3) Goa	-6.597	-94.352
Total MSGENCO	147.793	2191.410	4) TAPS 1&2 (Inj.)	6.882	90.826
B) OTHERS			5) Pench (Excess)	0.000	-1.921
1) RGPPL Gas	14.907	212.321	# Total Cent. Sector	66.038	1162.802
2) Wind Generation	12.166	180.670	F) Other Exchanges		
3) PENCH (MS)	0.000	1.921	1) With TPCL	-2.900	-23.880
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	33.136	499.582	1) MSEDCL Bilateral	11.351	140.964
2) TPCL Hydro	4.893	53.923	Include PX	3.281	19.401
TOTAL TPCL	38.029	553.505	2) MUMBAI Bilateral	3.822	39.423
3) REL Thermal	12.626	188.787	Include PX	-0.383	-12.705
D) STATE			3) MUMBAI Schedule	3.822	39.423
1) Thermal (A1+C1+C3)	166.567	2410.532	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	15.990	301.987	1) MSEDCL	238.004	3727.165
3) Gas (A3+B1)	30.798	435.425	2) TPCL	35.990	512.370
4) Wind (B2)	12.166	180.670	3) REL	17.566	253.821
TOTAL STATE	225.521	3328.614	TOTAL STATE	291.560	4493.356

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	5184	5060	4796
MSGENCO Hydro	222	270	626
MSGENCO Gas	661	692	646
MSGENCO Total Generation	6067	6022	6068
Central Sector Receipt	2931	2912	2407
RGPPL	620	623	624
WIND	483	761	316
Exchange with TPCL	-113	-43	10
MSEDCL DEMAND MET	9988	10275	9425
Load Shedding	2549	2287	1342
MSEDCL DEMAND (INCL. LS)	12537	12562	10767
TPCL GENERATION	1695	1825	1367
REL GENERATION	526	527	525
TPCL+REL DEMAND	2334	2395	1882
STATE DEMAND MET	12322	12670	11307
STATE DEMAND (INCL. LS)	14871	14957	12649
Frequency (Hz)	49.76	49.73	49.42
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2865 MW at 07.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			45.65 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.57 Hz at 18.03 Hrs	48.82 Hz at 12.49 Hrs	49.56	.38 % of Time

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

State Load Dispatch Center,Airoli (MSETCL)
Water Coal And Oil Position For the date 15/May/2009

Koyna Lake Level In Feet			
Current Year	Rise (+) / Fall (-)	Previous year	Rise (+) / Fall (-) with ref to previous year
2099.70	-0.60	2100.10	-0.40

Koyna Water Utilization for Water Year 2009-2010 As Per Krishna Awards param.constant(TMC)					Rainfall (In mm) As on 15/May/2009			
	In TMC				Lake	Current Year		Previous Year
	Daily	Monthly	Yearly	Balance		For The Day	Total	For The Day
Koyna I and II	0.080	1.236	22.134					
Koyna IV	0.099	2.908	43.821		Pophali	0	0	0
Total	0.179	4.144	65.955	1.545	Novaja	0	0	0
Last Year			56.910	10.590 *	Mahabaleshwar	0	0	0
								5591

Coal And Oil Position for 15/May/2009						
Power Station	Coal			OIL		
	Receipt (In MT)	Consumption (In MT)	Balance Stock Days	FO	LDO	LSHS
Bhusawal	4439.00	6379.00	1.00	88.00	13.00	0.00
Chandrapur	34784.99	33333.67	3.51	8.90	0.00	0.00
Khaparkheda	8717.60	13083.25	1.50	0.00	0.00	0.00
Koradi	12253.00	11761.00	0.10	151.20	21.60	0.00
Nasik	19088.00	12909.00	5.00	10.00	28.25	0.00
Paras	6080.00	5897.00	6.00	0.00	0.00	0.00
Parli	10212.80	13067.41	3.00	27.00	0.00	0.00
Total	95575.39	96430.33		285.10	62.85	0.00

Maximum During the MonthMay/2009		Koyna Water Utilization (in TMC)			
MSGENCO Thermal Gen.	120.805 Mus On Date 15/05/2009	During Gates Opened			
MSGENCO Hydro Gen.	21.961 Mus On Date 06/05/2009		Daily	Monthly	Yearly
MSGENCO Total Gen.	157.208 Mus On Date 06/05/2009	Koyna I & II	0.000	0.000	0
MSDISCOM Requirement	256.232 Mus On Date 05/05/2009	Koyna IV	0.000	0.000	0
State Requirement	310.543 Mus On Date 05/05/2009	Total	0.000	0.000	0
State OLC	13379 MW On Date 07/05/2009	FOR LAST YEAR			
State M.P. Demand	16427 MW On Date 13/05/2009	15.339			
State E.P. Demand	17418 MW On Date 03/05/2009	* Last year balance TMC is excluding 15.339 TMC utilized for the flood control.			

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 15/May/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.35	5.93	72	42	50
Unit 2	1.31	18.59	71	33	40
Unit 3	1.21	21.69	74	24	40
Unit 4	0.00	13.53	0	0	0
Unit 5	3.56	46.99	167	123	120
Unit 6	3.58	47.98	183	124	140
Unit 7	3.58	48.16	164	130	160
	14.58	202.88			550
Bhusawal					
Unit 1	0.95	14.84	54	19	25
Unit 2	2.53	51.47	165	0	160
Unit 3	4.25	61.57	185	165	175
	7.73	127.88			360
Parli					
Unit 1	0.47	7.54	22	18	20
Unit 2	0.57	8.62	25	22	20
Unit 3	3.56	33.25	155	143	150
Unit 4	3.72	56.42	160	150	150
Unit 5	3.68	45.46	163	147	150
Unit 6	5.06	75.20	227	168	220
	17.07	226.47			710
Chandrapur					
Unit 1	4.21	60.74	180	171	170
Unit 2	4.04	60.11	172	162	170
Unit 3	4.85	64.64	210	180	210
Unit 4	0.00	0.00	0	0	0
Unit 5	8.86	122.28	421	222	370
Unit 6	9.74	147.50	440	360	425
Unit 7	9.88	123.30	459	358	450
	41.58	578.57			1795
Paras					
Unit 2	1.11	13.15	50	41	50
Unit 3	5.50	71.52	245	195	230
	6.61	84.66			280
Khaparkheda					
Unit 1	4.12	61.78	179	162	170
Unit 2	4.08	64.18	175	165	170
Unit 3	4.24	65.62	180	174	170
Unit 4	4.12	65.36	179	162	170
	16.56	256.95			680
Nasik					
Unit 1	2.21	32.87	98	86	90
Unit 2	2.16	20.17	93	85	80
Unit 3	4.11	64.24	181	160	170
Unit 4	4.16	65.17	182	166	180
Unit 5	4.02	62.30	175	158	170
	16.66	244.75			690
Uran					
All Units	15.89	223.10	696	618	610
	15.89	223.10			610
Koyna					
Stage 1-2	2.68	41.58	310	40	600
Stage 4	3.70	110.47	809	0	250
Koyna 12&4 Total	6.37	152.05			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.71	32.22	160	0	320
	7.09	184.27			1170
Hydro					
KDPH	0.84	8.61	36	35	36
VTRNA	1.14	17.32	61	0	61
TILLARI	0.00	3.53	0	0	60
BHTGR/VEER	0.66	12.67	28	27	30
BHIRA T.R.	0.20	2.52	78	0	80
RNGR+BHTSA	0.29	4.75	13	12	15
BHANDARDRA	0.83	7.62	36	34	30
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.04	0.60	10	0	10
GHATGHAR	0.00	4.25	0	0	
	4.01	61.87			322
PENCH (MS)					
Pench (MS)	0.00	1.92	0	0	
	0.00	1.92			
Wind					
MalharPeth	0.42	5.58			
Vankuswadi	0.90	11.61			
ATIT	0.17	2.30			
Kale	0.09	3.20			
Satara	0.79	8.28			
Shirala	0.35	4.50			
K Mahankal	0.06	2.57			
Supa	0.20	3.63			
Vita	1.60	21.06			
Dondaicha	4.97	77.08			
Sakri	0.79	12.66			
Nandurbar	0.84	10.96			
Khadakale	0.44	10.38			
Khaparale	0.55	6.84			
	12.17	180.67			
Dabhol					
RGPP L II	14.91	212.32	627	609	590
RGPP L III	0.00	0.00	0	0	
	14.91	212.32			590
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	181.66	505	505	500
Trombay 6	10.55	162.93	510	200	500
Trombay 7A	2.84	41.68	123	90	120
Trombay 7B	1.60	23.50	68	56	60
Trombay 8	6.03	89.82	253	250	250
TATA Hydro	4.89	53.92	439	0	447
	38.03	553.50			1877
REL					
1&2	12.63	188.79	530	524	500
	12.63	188.79			500
Cent Sect					
Share					2857
					2857

MS PG CL	Thermal	120.80	1722.16		5065
	Thml+Gas	136.70	1945.27		5675
	Hydro	11.10	246.14		1492
	Total	147.79	2191.41		7167
State Total		225.52	3328.61		12991

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 15/May/2009

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CS SHARE	CS RECPT	MUMBAI		MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	MUMBAI DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS						SCH.	EXCH.						
1	4816	710	640	6166	622	479	2597	2358	-27	6	9631	1333	10964	2047	13011	49.23
2	4796	626	646	6068	624	316	2644	2407	-27	10	9425	1342	10767	1882	12649	49.42
3	4839	873	649	6361	626	173	2687	2526	-27	7	9693	1362	11055	1734	12789	49.51
4	4838	1054	649	6541	627	137	2694	2504	-27	6	9815	1355	11170	1667	12837	49.49
5	4845	1316	644	6805	626	133	2697	2321	-27	4	9889	1732	11621	1648	13269	49.21
6	4932	1223	648	6803	627	145	2700	2312	-27	4	9891	1951	11842	1655	13497	49.30
7	5087	348	655	6090	623	185	2699	2362	-27	8	9268	3148	12416	1700	14116	49.62
8	5176	220	655	6051	622	212	2921	2606	79	119	9610	2806	12416	1748	14164	49.66
9	5199	222	655	6076	623	292	2923	2646	95	137	9774	2780	12554	1996	14550	49.83
10	5184	222	661	6067	620	483	3166	2931	-141	-113	9988	2549	12537	2334	14871	49.76
11	5185	261	679	6125	616	565	3358	2975	-334	-300	9981	2167	12148	2611	14759	49.55
12	5200	298	669	6167	613	632	3410	2982	-387	-354	10040	1737	11777	2695	14472	49.33
13	5138	210	670	6018	609	676	3403	3389	-387	-347	10345	1543	11888	2686	14574	49.39
14	5094	215	675	5984	616	712	3400	2969	-387	-352	9929	1993	11922	2587	14509	49.48
15	5128	215	639	5982	615	828	3401	2894	-387	-352	9967	2131	12098	2667	14765	49.34
16	5139	225	618	5982	614	868	3400	3033	-387	-354	10143	1658	11801	2685	14486	49.28
17	5127	220	682	6029	619	824	3401	2992	-387	-349	10115	1536	11651	2686	14337	49.66
18	5178	210	694	6082	624	868	3289	2600	-287	-250	9924	1417	11341	2548	13889	50.10
19	4979	223	696	5898	623	1025	3169	2243	-219	-179	9610	1338	10948	2450	13398	50.03
20	4937	234	691	5862	620	805	2712	3066	-122	-82	10271	1693	11964	2503	14467	49.73
21	5060	270	692	6022	623	761	2712	2912	-96	-43	10275	2287	12562	2395	14957	49.73
22	5047	255	690	5992	624	483	2710	3012	-96	-40	10071	2179	12250	2278	14528	49.74
23	5001	590	644	6235	625	322	2806	3118	-164	-103	10197	1452	11649	2188	13837	49.54
24	4880	857	650	6387	626	243	2720	2880	-31	17	10153	1327	11480	2165	13645	49.61
MUs	120.80	11.10	15.89	147.79	14.91	12.17	71.62	66.04	-3.82	-2.90	238.00	44.82	282.82	53.56	336.38	49.56

NOTE : ALL VALUES IN MW

MUMBAI Sch./Net Exch is shown with reference to MSETCL System. (+) indicates MUMBAI to MSETCL and (-) indicates MSETCL to MUMBAI. MUMBAI Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Bilateral Power Purchases for 15/May/2009

TIME SR. NO.	MSEDCL					MUMBAI SYSTEM								OTHER
	IMPORT	EXPORT	PX	INTRA	NET	IMPORT	EXPORT	Standby From MSEDCL	Kawas URS	Gandhar URS	PX	INTRA	NET	
1	180.50	0.00	0.00	137.00	317.50	82.12	0.00	0.00	0.00	0.00	0.00	-55.50	26.62	-61.82
2	180.50	0.00	0.00	137.00	317.50	82.12	0.00	0.00	0.00	0.00	0.00	-55.50	26.62	-61.82
3	180.50	0.00	0.00	137.00	317.50	82.12	0.00	0.00	0.00	0.00	0.00	-55.50	26.62	-61.82
4	180.50	0.00	0.00	137.00	317.50	82.12	0.00	0.00	0.00	0.00	0.00	-55.50	26.62	-61.82
5	180.50	0.00	0.00	137.00	317.50	82.12	0.00	0.00	0.00	0.00	0.00	-55.50	26.62	-61.82
6	180.50	0.00	0.00	137.00	317.50	82.12	0.00	0.00	0.00	0.00	0.00	-55.50	26.62	-61.82
7	180.50	0.00	0.00	137.00	317.50	82.12	0.00	0.00	0.00	0.00	0.00	-55.50	26.62	-61.82
8	180.50	0.00	163.15	287.00	630.65	126.03	0.00	0.00	0.00	0.00	0.00	-205.50	-79.47	-61.82
9	180.50	0.00	161.75	287.00	629.25	135.67	0.00	0.00	0.00	0.00	-24.74	-205.50	-94.57	-61.82
10	180.50	0.00	161.75	287.00	629.25	379.28	0.00	0.00	0.00	0.00	-95.58	-142.50	141.20	-7.72
11	180.50	0.00	314.35	137.00	631.85	379.28	0.00	0.00	0.00	0.00	-52.63	7.50	334.15	-7.72
12	180.50	0.00	314.35	137.00	631.85	379.28	0.00	0.00	0.00	0.00	0.00	7.50	386.78	-7.72
13	180.50	0.00	314.35	137.00	631.85	379.28	0.00	0.00	0.00	0.00	0.00	7.50	386.78	-7.72
14	180.50	0.00	314.35	137.00	631.85	379.28	0.00	0.00	0.00	0.00	0.00	7.50	386.78	-7.72
15	180.50	0.00	314.35	137.00	631.85	379.28	0.00	0.00	0.00	0.00	0.00	7.50	386.78	-7.72
16	180.50	0.00	314.35	137.00	631.85	379.28	0.00	0.00	0.00	0.00	0.00	7.50	386.78	-7.72
17	180.50	0.00	306.85	137.00	624.35	379.28	0.00	0.00	0.00	0.00	0.00	7.50	386.78	-7.72
18	180.50	0.00	311.85	137.00	629.35	279.46	0.00	0.00	0.00	0.00	0.00	7.50	286.96	-7.72
19	180.50	0.00	289.91	137.00	607.41	211.16	0.00	0.00	0.00	0.00	0.00	7.50	218.66	-7.72
20	180.50	0.00	0.00	137.00	317.50	167.25	0.00	0.00	0.00	0.00	-52.63	7.50	122.12	-7.72
21	180.50	0.00	0.00	137.00	317.50	167.25	0.00	0.00	0.00	0.00	-78.95	7.50	95.80	-7.72
22	180.50	0.00	0.00	137.00	317.50	167.25	0.00	0.00	0.00	0.00	-78.95	7.50	95.80	-7.72
23	180.50	0.00	0.00	137.00	317.50	156.24	0.00	0.00	0.00	0.00	0.00	7.50	163.74	-7.72
24	180.50	0.00	0.00	137.00	317.50	86.52	0.00	0.00	0.00	0.00	0.00	-55.50	31.02	-61.82
MUs	4.332	0.000	3.281	3.738	11.351	5.106	0.000	0.000	0.000	0.000	-0.383	-0.900	3.822	-0.726

State Load Dispatch Center, Airoli (MSETCL)
Central Sector Share Receipt Statement for 15/May/2009

Time	Central Sector Share			C.S. Receipt (Incl. Bilateral Purchase) (MW)	Over Drawl(+)/ Under Drawl(-) (MW)	Frequency (Hz)
	NTPC+NPC+ TAPS (MW)	Bilateral Purchase (MW)	Total C.S. Share (MW)			
1	2259	338	2597	2358	-239	49.23
2	2306	338	2644	2407	-237	49.42
3	2349	338	2687	2526	-161	49.51
4	2356	338	2694	2504	-190	49.49
5	2359	338	2697	2321	-376	49.21
6	2362	338	2700	2312	-388	49.30
7	2361	338	2699	2362	-337	49.62
8	2226	695	2921	2606	-315	49.66
9	2245	678	2923	2646	-277	49.83
10	2261	905	3166	2931	-235	49.76
11	2407	951	3358	2975	-383	49.55
12	2407	1003	3410	2982	-428	49.33
13	2400	1003	3403	3389	-14	49.39
14	2397	1003	3400	2969	-431	49.48
15	2398	1003	3401	2894	-507	49.34
16	2397	1003	3400	3033	-367	49.28
17	2405	996	3401	2992	-409	49.66
18	2388	901	3289	2600	-689	50.10
19	2358	811	3169	2243	-926	50.03
20	2288	424	2712	3066	354	49.73
21	2314	398	2712	2912	200	49.73
22	2312	398	2710	3012	302	49.74
23	2340	466	2806	3118	312	49.54
24	2378	342	2720	2880	160	49.61
Mus	56.27	15.35	71.62	66.04	-5.58	49.56

Central Sector Share & Drawal Summary (in Mus)		
	Daily	Monthly
Central Sector Share	71.62	1087.02
Receipt from Central Sector	50.69	976.37
Bilateral Purchase	15.35	186.50
Total Central Sector Receipt with Bilateral Purchase	66.04	1162.87
Over Drawal (+) / Under Drawal (-)	-5.58	75.85

Frequency Range Wise Analysis			
Frequency Range	C.S.Share (Mus)	C.S. Receipt (Mus)	Over(+) / Under(-) Drawal
Above 50.5	0.00	0.00	0.00
50.2 to 50.5	0.00	0.00	0.00
49.8 to 50.2	9.38	7.49	-1.89
49.5 to 49.8	31.89	31.38	-0.51
49.0 to 49.5	30.35	27.17	-3.18
Below 49.0	0.00	0.00	0.00

State Load Dispatch Center,Airoli (MSETCL)

Hourly InterState Exchange Details for 15/May/2009

Time	Interstate Exchange Through																
	Gujrat							Madhya Pradesh							Export to Goa	Pench (Excess)	Taps 1 & 2 Injection
	220 KV Nasik-Navsary	220 KV Taps-Navsary	400 KV Dhule SS	400 KV Padgha Gandha	400 KV Taps Padgha	Boisar 400/220 KV TR	Total	220 KV Kalm-Sarni	400 KV Bhilai-Koradi	400 KV Chdpr-Bhdrvrat	400 KV Dhule-Khandw	400 KV Koradi-Satpur	400 KV Wardha - Akola	Total			
1	53	-62	0	82	240	202	515	10	384	780	727	-104	0	1797	-240	0	286
2	53	-76	0	78	231	174	460	15	424	861	715	-94	0	1921	-262	0	288
3	53	-74	0	94	250	153	476	14	437	854	769	-50	0	2024	-262	0	288
4	53	-84	0	84	243	157	453	22	429	849	755	-37	0	2018	-255	0	288
5	53	-92	0	81	240	129	411	22	404	775	714	-37	0	1878	-255	0	287
6	53	-90	0	83	242	129	417	24	409	733	720	-46	0	1840	-233	0	288
7	53	-74	0	117	307	148	551	-34	427	716	764	-96	0	1777	-255	0	289
8	80	-70	0	124	341	161	636	-14	397	820	734	-31	0	1906	-225	0	289
9	80	-78	0	116	327	156	601	-3	408	869	755	-12	0	2017	-262	0	290
10	107	-58	0	112	318	181	660	33	434	990	770	47	0	2274	-291	0	288
11	80	-40	0	104	303	181	628	40	441	1052	742	63	0	2338	-276	0	285
12	80	-49	0	94	285	202	612	60	437	1130	712	89	0	2428	-342	0	284
13	80	-11	0	121	334	206	730	68	440	1145	712	97	224	2686	-313	0	286
14	53	-56	0	95	287	202	581	46	418	1085	605	33	233	2420	-320	0	288
15	53	-75	0	79	255	205	517	48	418	1080	595	19	229	2389	-298	0	286
16	53	-60	0	91	278	208	570	60	424	1075	635	52	237	2483	-306	0	286
17	53	-84	0	70	239	202	480	30	455	1137	638	4	255	2519	-295	0	288
18	53	-109	0	58	216	192	410	-22	422	1013	588	-90	231	2142	-240	0	288
19	53	-116	0	64	227	212	440	-50	395	818	530	-142	221	1772	-255	0	286
20	53	-42	0	102	299	235	647	26	447	970	699	-10	271	2403	-269	0	285
21	53	-64	0	78	252	224	543	28	433	1011	660	10	248	2390	-306	0	285
22	57	-47	0	92	279	216	597	33	422	973	677	5	260	2370	-240	0	285
23	27	-29	0	86	268	213	565	32	455	1122	704	0	251	2564	-295	0	284
24	53	-58	0	85	265	219	564	12	440	1022	685	-50	224	2333	-302	0	285
Mus	1.44	-1.60	0.00	2.19	6.53	4.51	13.06	0.50	10.20	22.88	16.60	-0.38	2.88	52.69	-6.60	0.00	6.88

Time	Total Exchang	HVDC Flow I	HVDC Flow II	Total HVDC	Mumbai Schedule	Mumbai Net Exchang
1	2358	425	425	850	-27	6
2	2407	375	375	750	-27	10
3	2526	375	375	750	-27	7
4	2504	375	375	750	-27	6
5	2321	375	375	750	-27	4
6	2312	375	375	750	-27	4
7	2362	600	600	1200	-27	8
8	2606	600	600	1200	79	119
9	2646	600	600	1200	95	137
10	2931	700	700	1400	-141	-113
11	2975	750	750	1500	-334	-300
12	2982	750	750	1500	-387	-354
13	3389	750	750	1500	-387	-347
14	2969	750	750	1500	-387	-352
15	2894	750	750	1500	-387	-352
16	3033	750	750	1500	-387	-354
17	2992	750	750	1500	-387	-349
18	2600	425	425	850	-287	-250
19	2243	425	425	850	-219	-179
20	3066	600	600	1200	-122	-82
21	2912	600	600	1200	-96	-43
22	3012	600	600	1200	-96	-40
23	3118	600	600	1200	-164	-103
24	2880	425	425	850	-31	17
Mus	66.04	13.72	13.72	27.45	-3.82	-2.90

State Load Dispatch Center,Airoli (MSETCL)

Hourly Generation Details for 15/May/2009

Time	MSPGCL Thermal Generation																				
	Khaperkheda					Chandrapur								Koradi							
	Unit1	Unit2	Unit3	Unit4	Total	Unit1	Unit2	Unit3	Unit4	Unit5	Unit6	Unit7	Total	Unit1	Unit2	Unit3	Unit4	Unit5	Unit6	Unit7	Total
1	164	174	174	174	686	178	168	208	0	371	404	393	1722	42	39	43	0	131	134	130	519
2	162	170	174	174	680	175	168	210	0	372	400	386	1711	46	33	40	0	125	129	134	507
3	164	172	175	179	690	175	169	209	0	366	400	389	1708	50	40	44	0	123	132	135	524
4	172	172	175	175	694	178	169	208	0	363	400	386	1704	51	40	40	0	132	138	140	541
5	166	170	176	171	683	173	168	207	0	362	400	378	1688	47	40	40	0	126	132	141	526
6	167	170	178	172	687	172	168	208	0	375	430	388	1741	46	40	40	0	126	139	155	546
7	166	172	178	176	692	172	168	208	0	385	435	439	1807	58	44	46	0	153	149	157	607
8	172	169	176	170	687	171	170	208	0	379	440	459	1827	66	67	48	0	160	152	163	656
9	172	170	180	171	693	171	172	209	0	378	435	459	1824	65	70	51	0	155	150	161	652
10	172	170	178	172	692	179	170	208	0	378	430	459	1824	71	69	46	0	151	154	150	641
11	170	166	178	168	682	178	170	208	0	359	425	459	1799	72	66	63	0	155	158	154	668
12	174	168	178	170	690	176	170	207	0	387	420	445	1805	71	62	74	0	158	164	158	687
13	176	166	179	172	693	177	168	207	0	385	410	412	1759	58	62	50	0	155	182	161	668
14	174	165	180	175	694	174	168	196	0	396	400	402	1736	62	62	24	0	155	183	160	646
15	178	166	178	174	696	175	167	194	0	400	395	400	1731	69	57	36	0	162	174	162	660
16	176	175	176	168	695	171	166	194	0	392	405	400	1728	70	64	58	0	167	166	155	680
17	179	172	176	168	695	178	167	193	0	391	385	400	1714	64	68	68	0	166	146	164	676
18	179	168	176	170	693	177	168	195	0	421	395	415	1771	45	71	69	0	161	148	160	654
19	176	170	176	164	686	179	162	193	0	373	360	400	1667	42	64	68	0	156	149	148	627
20	170	173	176	162	681	177	170	180	0	363	365	395	1650	50	55	59	0	150	137	138	589
21	171	175	176	170	692	173	169	188	0	363	415	435	1743	48	50	51	0	152	146	138	585
22	172	170	176	172	690	174	170	199	0	363	410	430	1746	48	52	46	0	154	156	136	592
23	174	170	177	176	697	177	169	202	0	316	390	392	1646	52	44	52	0	144	134	142	568
24	174	170	176	172	692	180	168	207	0	222	390	358	1525	58	51	56	0	140	124	139	568
Mus	4.12	4.08	4.24	4.12	16.56	4.21	4.04	4.85	0.00	8.86	9.74	9.88	41.58	1.35	1.31	1.21	0.00	3.56	3.58	3.58	14.59

Time	MSPGCL Thermal Generation																				Thermal Total
	Bhusawal				Nasik						Parali							Paras			
	Unit1	Unit2	Unit3	Total	Unit1	Unit2	Unit3	Unit4	Unit5	Total	Unit1	Unit2	Unit3	Unit4	Unit5	Unit6	Total	Unit2	Unit3	Total	
1	23	0	180	203	90	90	175	170	168	693	22	24	149	154	151	210	710	48	235	283	4816
2	22	0	180	202	91	92	177	174	167	701	22	24	149	155	151	211	712	48	235	283	4796
3	21	0	185	206	90	93	176	176	172	707	22	24	149	158	150	223	726	48	230	278	4839
4	19	5	180	204	91	90	172	176	172	701	20	25	143	157	148	226	719	48	227	275	4838
5	21	40	180	241	92	93	176	179	172	712	21	24	146	156	148	225	720	48	227	275	4845
6	22	30	185	237	86	92	181	178	175	712	20	23	149	156	147	226	721	48	240	288	4932
7	22	70	180	272	89	90	180	177	173	709	19	23	152	160	153	224	731	50	219	269	5087
8	20	125	180	325	93	90	174	177	172	706	21	22	152	160	151	215	721	49	205	254	5176
9	40	135	180	355	91	91	174	178	172	706	20	22	146	159	150	217	714	50	205	255	5199
10	46	136	180	362	92	89	173	171	171	696	18	24	149	154	154	216	715	48	206	254	5184
11	41	140	175	356	94	92	171	174	170	701	18	24	146	154	152	211	705	48	226	274	5185
12	43	140	165	348	94	90	169	166	165	684	18	23	145	152	156	202	696	46	244	290	5200
13	46	125	180	351	92	91	162	168	162	675	18	24	145	152	158	204	701	47	244	291	5138
14	49	125	175	349	92	91	162	169	161	675	18	24	147	154	156	210	709	45	240	285	5094
15	52	135	175	362	92	90	160	172	164	678	19	25	144	154	153	221	716	45	240	285	5128
16	50	135	175	360	92	90	162	171	160	675	19	24	146	153	152	219	713	43	245	288	5139
17	53	145	175	373	92	89	172	168	158	679	19	23	149	150	150	215	706	43	241	284	5127
18	52	145	175	372	98	88	170	170	159	685	19	24	149	152	150	227	721	42	240	282	5178
19	50	145	175	370	94	88	170	168	162	682	20	24	146	155	162	204	711	41	195	236	4979
20	52	145	170	367	94	89	170	170	167	690	19	24	149	155	160	195	702	42	216	258	4937
21	53	145	175	373	92	86	172	176	172	698	20	25	149	156	153	189	692	42	235	277	5060
22	54	135	175	364	92	89	173	176	172	702	20	24	151	153	156	168	672	46	235	281	5047
23	52	165	176	393	95	85	172	178	168	698	20	25	155	158	163	195	716	46	237	283	5001
24	51	165	175	391	94	89	170	182	165	700	19	24	152	158	161	208	722	46	236	282	4880
Mus	0.95	2.53	4.25	7.74	2.21	2.16	4.11	4.16	4.02	16.66	0.47	0.57	3.56	3.72	3.68	5.06	17.07	1.11	5.50	6.61	120.80

State Load Dispatch Center, Airoli (MSETCL)

Hourly Generation Details for 15/May/2009

Time	MSPGCL Hydro Generation															Total Hydr o	Uran All Units	RGPP L	Pench (MS)	REL 1 & 2
	Koyna				Total Koyn	KDP H	Ghat ghar	Tillari	Bhira TR	Vaita-rna	Bhan d-ardar	Paith an	Bhat ghar/ Veer	Rdna gri/ Bhat	Eldar y					
	Stage 1&2	Stg. 4	Stage 1,2,4	Stg. 3																
1	180	230	410	160	570	35	0	0	0	32	34	0	27	12	0	710	640	622	0	524
2	215	191	406	112	518	35	0	0	0	0	34	0	27	12	0	626	646	624	0	525
3	310	387	697	68	765	35	0	0	0	0	34	0	27	12	0	873	649	626	0	525
4	295	641	936	10	946	35	0	0	0	0	34	0	27	12	0	1054	649	627	0	526
5	300	809	1109	90	1199	35	0	0	0	8	34	0	28	12	0	1316	644	626	0	527
6	190	721	911	142	1053	35	0	0	0	61	34	0	28	12	0	1223	648	627	0	527
7	65	89	154	24	178	35	0	0	0	61	34	0	28	12	0	348	655	623	0	528
8	50	0	50	0	50	35	0	0	0	61	34	0	28	12	0	220	655	622	0	527
9	50	0	50	0	50	35	0	0	0	61	36	0	28	12	0	222	655	623	0	526
10	40	0	40	0	40	35	0	0	0	61	36	10	28	12	0	222	661	620	0	526
11	45	0	45	0	45	35	0	0	43	61	36	0	28	13	0	261	679	616	0	524
12	50	0	50	0	50	35	0	0	78	61	34	0	28	12	0	298	669	613	0	525
13	40	0	40	0	40	35	0	0	0	61	34	0	28	12	0	210	670	609	0	525
14	45	0	45	0	45	35	0	0	0	61	34	0	28	12	0	215	675	616	0	524
15	45	0	45	0	45	35	0	0	0	61	34	0	28	12	0	215	639	615	0	524
16	55	0	55	0	55	35	0	0	0	61	34	0	28	12	0	225	618	614	0	528
17	50	0	50	0	50	35	0	0	0	61	34	0	28	12	0	220	682	619	0	528
18	40	0	40	0	40	35	0	0	0	61	34	0	28	12	0	210	694	624	0	527
19	45	0	45	0	45	35	0	0	0	61	36	5	28	13	0	223	696	623	0	530
20	50	0	50	0	50	36	0	0	0	61	36	10	28	13	0	234	691	620	0	527
21	45	0	45	0	45	36	0	0	43	61	35	10	27	13	0	270	692	623	0	527
22	45	0	45	0	45	36	0	0	40	61	34	0	27	12	0	255	690	624	0	525
23	185	207	392	28	420	36	0	0	0	61	34	0	27	12	0	590	644	625	0	526
24	240	423	663	80	743	36	0	0	0	5	34	0	27	12	0	857	650	626	0	525
Mus	2.68	3.70	6.37	0.71	7.09	0.85	0.00	0.00	0.20	1.14	0.83	0.04	0.66	0.29	0.00	11.10	15.89	14.91	0.00	12.63

Time	TPCL								WIND Injection Near				State Total Generati
	Hydr o	Unit 4	Unit 5	Unit 6	Unit 7A	Unit 7B	Unit 8	Total	Kara d	Nasik	VKM	Total	
1	73	0	505	510	122	68	251	1529	143	30	306	479	9320
2	0	0	505	420	122	68	252	1367	120	21	175	316	8900
3	10	0	505	260	123	68	250	1216	101	4	68	173	8901
4	0	0	505	200	122	68	252	1147	76	4	57	137	8978
5	0	0	505	200	105	65	250	1125	68	4	61	133	9216
6	0	0	505	230	90	56	251	1132	48	16	81	145	9234
7	0	0	505	250	106	66	253	1180	57	39	89	185	8606
8	27	0	505	370	122	66	250	1340	64	27	121	212	8752
9	172	0	505	490	122	66	252	1607	83	31	178	292	9124
10	242	0	505	510	120	66	252	1695	138	33	312	483	9391
11	336	0	505	510	119	66	251	1787	185	27	353	565	9617
12	384	0	505	490	120	66	251	1816	206	36	390	632	9753
13	363	0	505	510	118	67	251	1814	223	38	415	676	9642
14	257	0	505	510	119	67	253	1711	248	46	418	712	9547
15	339	0	505	510	119	67	251	1791	299	56	473	828	9740
16	352	0	505	510	119	67	250	1803	377	75	416	868	9795
17	356	0	505	510	121	67	250	1809	349	80	395	824	9809
18	316	0	505	510	122	68	250	1771	318	68	482	868	9872
19	286	0	505	510	122	68	250	1741	424	116	485	1025	9817
20	439	0	505	510	122	68	250	1894	293	129	383	805	9708
21	370	0	505	510	122	67	251	1825	243	97	421	761	9758
22	256	0	505	510	122	68	252	1713	143	91	249	483	9337
23	104	0	505	510	121	67	252	1559	86	60	176	322	9267
24	211	0	505	500	121	68	252	1657	82	62	99	243	9438
Mus	4.89	0.00	12.12	10.55	2.84	1.60	6.03	38.03	4.37	1.19	6.60	12.17	225.52

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 15/May/2009

Position as on 6.30 Hrs of 16/May/2009

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect KARPR1	220	01/07/2008	00:10		Continued.	COH(En-Mass Coolant Clanel Replacement)	31/03/2010
Chandrapur Unit 4	210	21/04/2009	00.05		Continued.	W/D for COH.	25/05/2009
Cent_Sect NTPC(V-4)	210	28/04/2009	10.15		Continued.	Annual Overhaul	07/06/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	01/07/2009
Uran Unit 4	60	01/04/2008	00:00		Continued.	Gas Restriction	
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Dabhol 3A	230	08/11/2008	13.45		Continued.	Exhaust temp.& vibn.high	01/06/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	
Dabhol 1X	290	16/03/2009	17.01		Continued.	No insurance.	
Dabhol 1A	230	16/03/2009	17.05		Continued.	No insurance.	
Tata Trombay 4	150	09/04/2009	02.10		Continued.	W/dn	
Cent_Sect Sipat-4	500	10/05/2009	00:49		Continued.	Coal Shortage	
Bhusawal Unit 2	210	13/05/2009	08.15	15/05/2009	03.55	GC 1 Tube Leakage	
Koradi Unit 4	115	14/05/2009	01.33		Continued.	W/Dn No Coal.	
Cent_Sect NTPC(V) 9	500	14/05/2009	16.42	15/05/2009	00.31	Reheater Prob.	
Uran Unit 3	60	14/05/2009	18.45	15/05/2009	09.40	Gas Restriction	
Koradi Unit 1	105	16/05/2009	03.45		Continued.	Low Vaccum	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/May/2009

Position as on 6.30 Hrs of 16/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Kanhan - Mouda	14/05/2009	13.10		Continued.	RETROFITTING
Voltage Level : 400KV			Outage Type HAND TRIPPED		
DHULE-SAR'SAROVAR-I	13/05/2009	23:25		Continued.	Hand Tripped to Control O/V.
Voltage Level : 400KV			Outage Type TRIPPED		
Wardha - Akola - I	14/05/2009	08.01		Continued.	Tripped on over voltage
Dhule-Sar'Sarovar II	14/05/2009	14.25		Continued.	H/T FOR O/V
Wardha - Akola - II	14/05/2009	19.16	15/05/2009	12.12	Tripped on over voltage
Seoni-Wardha-1	14/05/2009	23.17	15/05/2009	02.12	Tripped on over voltage
Voltage Level : 220KV			Outage Type TRIPPED		
Mudshingi-Ponda	12/05/2009	04:45		Continued.	Tripped ,Dist.Prot.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400 KV TBC at Parly-II	07/04/2009	00.00		Continued.	Compressor Problem.
Lonikand- Koyna Stage IV	15/05/2009	07.21	15/05/2009	18.39	Insulator Replacement
400/220KV ICT-II at Padgha	15/05/2009	10.09	15/05/2009	22.55	Testing Work
315 MVA 400/220 KV ICT-II @KHARGHAR	16/05/2009	06.06		Continued.	Maint.work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV,125MVA ICT-III at Kalwa	01/05/2009	07.45		Continued.	Maintanance work
Mulund-Kalwa-I	12/05/2009	09:52	15/05/2009	22.19	Relay Retrofitting Work.
Borivali-Boisar	13/05/2009	11.01		Continued.	Isolator Replacement
URAN_HOCL	13/05/2009	12.50		Continued.	Removal Of P.T.
Padgha-Jambhul II	15/05/2009	09.00	15/05/2009	17.13	R.M. Work
Kalwa-C'chem	15/05/2009	11.23	15/05/2009	19.48	Restranging Work.
150 MVA 220/132 KV ICT @ Bhandara	15/05/2009	11.30	15/05/2009	16.55	Tan Delta Measurment.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Madgi-Kawlewada-II	10/02/2009	16.20		Continued.	C.B. replacement work.
Chalisgaon - Manmad - I	15/05/2009	09.50	15/05/2009	10.21	C.B.Replacement.Ckt on TBC.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
220 KV Own Brk..of 315 MVA ICT at Akola	23/04/2009	15.50		Continued.	Breaker Problem
CHDPR-400 KV HVDC-II	15/05/2009	09.32	15/05/2009	12.42	Hot Spot
Karad-Lamboti	15/05/2009	18.42	15/05/2009	20.22	Isolator work.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	15/05/2009	08.12		Continued.	In View of 400 KV Akola ICT Loading.
Wardha--Dhamangaon	15/05/2009	08.16		Continued.	In View of 400 KV Akola ICT Loading.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 315 MVA ICT at Akola	14/05/2009	19.14	15/05/2009	02.38	Trip on NDR
Koradi-Akola	14/05/2009	21.57	15/05/2009	01.31	Charged but Trip On O/V.
Akola-Bhusawal	14/05/2009	23.17	15/05/2009	01.31	Tripped on over voltage
Voltage Level : 220KV			Outage Type TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/May/2009

Position as on 6.30 Hrs of 16/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Khaparkheda - Kanhan - II	15/05/2009	16.54	15/05/2009	17.25	Tripped on Dist.Prot.
Khaperkheda - Ambazari - II	15/05/2009	16.55	15/05/2009	17.25	Tripped on Dist.Prot.
Khaperkheda - Wardha.	15/05/2009	17.22	15/05/2009	17.45	Tripped on Dist.Prot.
Ambazari-Amravati	15/05/2009	18.29	15/05/2009	19.14	Tripped on Dist.Prot.
Voltage Level : 132KV			Outage Type TRIPPED		
Chakur - Udgir	15/05/2009	18.25	15/05/2009	20.05	B ph Lightning Arrester Burst at Udgir.

State Load Dispatch Center,Airoli (MSETCL)
400 KV Voltage Profile of MSETCL System for the date 15/May/2009

Name of Substation	MAXIMUM		MINIMUM	
	Voltage (in KV)	At Time (Hrs)	Voltage (in KV)	At Time (Hrs)
AKOLA	433	21.30	418	11.30
AURANGABAD	413	06.00	397	11.00
BABHALESHWAR	416	13.00	400	10.00
BHUSAVAL	415	22.00	407	16.00
CHANDRAPUR	416	01.00	400	11.00
DHULE	427	01.00	411	11.00
JEJURI	410	01.00	385	11.00
KALWA	418	05.00	399	11.00
KARAD	421	02.00	395	12.00
KHARGHAR	412	02.00	398	11.00
KOLHAPUR	418	24.00	390	11.00
KORADI	421	08.00	409	16.00
LAMBOTI	421	23.00	380	12.00
LONIKHAND	415	04.00	390	12.00
NAGOTHANE	407	06.00	389	12.00
NEW KOYNA	413	02.00	397	11.00
PADGHA	418	06.00	407	11.00
PARLI	408	21.00	387	12.00