



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

State Load Dispatch Center, Airoli

Daily system Report

for

05/May/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 05/May/2009 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	117.314	590.736	1) Madhya Pradesh	66.332	298.179
2) Hydro	16.056	74.203	2) Gujrat	19.722	92.941
3) Gas	15.607	77.305	3) Goa	-6.526	-30.912
Total MSGENCO	148.977	742.244	4) TAPS 1&2 (Inj.)	6.333	22.243
B) OTHERS			5) Pench (Excess)	-0.245	-1.177
1) RGPPL Gas	14.921	63.462	# Total Cent. Sector	85.616	381.274
2) Wind Generation	10.472	57.786	F) Other Exchanges		
3) PENCH (MS)	0.245	1.177	1) With TPCL	-3.999	-5.286
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	33.628	166.406	1) MSEDCL Bilateral	8.021	41.808
2) TPCL Hydro	4.131	13.407	Include PX	0.756	3.227
TOTAL TPCL	37.759	179.813	2) MUMBAI Bilateral	5.121	10.204
3) REL Thermal	12.555	63.010	Include PX	0.919	-6.409
D) STATE			3) MUMBAI Schedule	5.121	10.204
1) Thermal (A1+C1+C3)	163.497	820.152	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	20.432	88.787	1) MSEDCL	256.232	1241.834
3) Gas (A3+B1)	30.528	140.767	2) TPCL	36.350	167.353
4) Wind (B2)	10.472	57.786	3) REL	17.961	80.751
TOTAL STATE	224.929	1107.492	TOTAL STATE	310.543	1489.938

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4752	5156	4741
MSGENCO Hydro	668	896	148
MSGENCO Gas	629	656	668
MSGENCO Total Generation	6049	6708	5557
Central Sector Receipt	3745	3498	3808
RGPPL	621	625	621
WIND	226	689	471
Exchange with TPCL	-331	-260	111
MSEDCL DEMAND MET	10310	11284	10571
Load Shedding	3372	3221	1507
MSEDCL DEMAND (INCL. LS)	13682	14505	12078
TPCL GENERATION	1818	1738	1248
REL GENERATION	523	521	522
TPCL+REL DEMAND	2672	2519	1659
STATE DEMAND MET	12982	13803	12230
STATE DEMAND (INCL. LS)	16354	17024	13737
Frequency (Hz)	49.48	49.56	50.15
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4105 MW At 14.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			81.41 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.33 Hz at 03.01 Hrs	48.85 Hz at 16.35 Hrs	49.69	.79 % of Time

* 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 05/May/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	0.00	0	0	0
Unit 2	1.29	4.01	69	33	45
Unit 3	1.43	7.38	73	36	45
Unit 4	1.34	6.83	74	39	45
Unit 5	2.99	15.88	153	88	150
Unit 6	2.97	15.65	164	77	150
Unit 7	3.02	16.05	154	89	140
	13.05	65.80			575
Bhusawal					
Unit 1	1.21	3.81	56	44	50
Unit 2	3.83	20.13	181	138	175
Unit 3	4.10	20.64	181	152	175
	9.15	44.59			400
Parli					
Unit 1	0.53	2.68	22	21	20
Unit 2	0.59	2.91	25	23	20
Unit 3	3.31	6.82	147	126	140
Unit 4	3.64	18.64	160	143	150
Unit 5	3.66	18.74	157	145	150
Unit 6	5.10	26.48	238	182	220
	16.84	76.28			700
Chandrapur					
Unit 1	4.21	20.88	182	172	170
Unit 2	4.03	20.15	172	163	170
Unit 3	1.80	17.95	80	66	80
Unit 4	0.00	0.00	0	0	0
Unit 5	10.09	49.29	450	340	450
Unit 6	9.90	48.94	445	380	425
Unit 7	10.13	51.84	450	392	450
	40.16	209.05			1745
Paras					
Unit 2	1.18	1.76	51	47	50
Unit 3	2.66	21.53	190	67	75
	3.85	23.30			125
Khaparkheda					
Unit 1	4.42	22.08	206	177	175
Unit 2	4.34	21.65	195	173	175
Unit 3	4.38	22.06	200	176	175
Unit 4	4.38	22.27	202	173	175
	17.51	88.06			700
Nasik					
Unit 1	2.21	11.10	95	89	90
Unit 2	1.46	8.58	66	56	90
Unit 3	4.43	21.51	197	174	170
Unit 4	4.45	21.54	198	172	180
Unit 5	4.22	20.93	184	168	170
	16.76	83.66			700
Uran					
All Units	15.61	77.30	669	621	620
	15.61	77.30			620
Koyna					
Stage 1-2	1.90	12.52	180	35	600
Stage 4	8.47	34.24	1116	0	250
Koyna 12&4 Total	10.37	46.76			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.18	10.09	240	0	320
	12.54	56.85			1170
Hydro					
KDPH	0.00	1.65	0	0	0
VTRNA	1.35	5.95	61	0	60
TILLARI	0.17	1.37	53	0	60
BHTGR/VEER	0.83	4.34	35	34	30
BHIRA T.R.	0.14	0.69	44	0	80
RNGR+BHTSA	0.33	1.57	14	13	15
BHANDARDRA	0.22	0.22	38	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.24	10	0	0
GHATGHAR	0.41	1.32	125	0	0
	3.51	17.35			245
PENCH (MS)					
Pench (MS)	0.24	1.18	24	0	
	0.24	1.18			
Wind					
MalharPeth	0.30	1.76			
Vankuswadi	0.59	3.48			
ATIT	0.05	0.63			
Kale	0.28	1.49			
Satara	0.27	3.29			
Shirala	0.25	1.46			
K Mahankal	0.33	0.51			
Supa	0.12	1.42			
Vita	1.37	6.54			
Dondaicha	4.65	23.25			
Sakri	0.78	3.95			
Nandurbar	0.61	2.99			
Khadakale	0.47	4.22			
Khaparale	0.39	2.81			
	10.47	57.79			
Dabhol					
RGPP L II	14.92	63.46	627	614	598
RGPP L III	0.00	0.00	0	0	
	14.92	63.46			598
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.09	60.56	505	490	500
Trombay 6	11.13	55.10	510	220	500
Trombay 7A	2.82	13.41	125	114	120
Trombay 7B	1.58	7.53	68	64	60
Trombay 8	6.01	29.81	254	248	250
TATA Hydro	4.13	13.41	380	0	447
	37.76	179.81			1877
REL					
1&2	12.56	63.01	526	519	500
	12.56	63.01			500
Cent Sect					
Share					3284
					3284

MS PG CL	Thermal	117.31	590.74		4945
	Thml+Gas	132.92	668.04		5565
	Hydro	16.06	74.20		1415
	Total	148.98	742.24		6980
State Total		224.93	1107.49		13239

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/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	4861	135	661	5657	622	425	2857	3797	-15	37	10538	1646	12184	2046	14230	49.91
2	4788	112	662	5562	622	478	2849	3694	-6	48	10404	1651	12055	1892	13947	49.95
3	4740	153	666	5559	621	528	2787	3769	57	113	10590	1550	12140	1722	13862	50.12
4	4741	148	668	5557	621	471	2785	3808	60	111	10571	1507	12078	1659	13737	50.15
5	4829	153	667	5649	621	464	2859	3898	-15	36	10668	1952	12620	1642	14262	50.05
6	4873	148	668	5689	621	472	2860	3985	-15	43	10810	2291	13101	1663	14764	49.95
7	4966	143	669	5778	621	375	2597	3074	250	283	10131	3320	13451	1670	15121	50.07
8	4978	154	663	5795	622	243	2812	3116	174	224	10000	3314	13314	1742	15056	49.86
9	4933	154	661	5748	623	216	2909	3595	-68	-18	10164	3325	13489	2015	15504	50.04
10	4859	159	646	5664	624	218	3220	3724	-374	-334	9896	3669	13565	2387	15952	49.69
11	4752	668	629	6049	621	226	3216	3745	-374	-331	10310	3372	13682	2672	16354	49.48
12	4656	1400	626	6682	620	322	3302	3513	-463	-419	10718	3249	13967	2736	16703	49.48
13	4809	1439	624	6872	619	336	3299	3534	-463	-422	10939	3302	14241	2755	16996	49.44
14	4807	1568	622	6997	614	387	3302	3431	-468	-431	11007	3355	14362	2652	17014	49.27
15	4765	1396	621	6782	617	482	3300	3379	-468	-429	10854	3332	14186	2754	16940	49.24
16	4685	1242	629	6556	620	530	3304	3358	-468	-432	10655	3540	14195	2785	16980	49.43
17	4841	783	628	6252	617	621	3376	3400	-539	-502	10411	3857	14268	2764	17032	49.25
18	4900	425	640	5965	620	612	3577	3593	-409	-372	10442	3562	14004	2622	16626	49.49
19	5140	277	654	6071	625	701	3529	3637	-347	-305	10752	3109	13861	2510	16371	49.77
20	5156	896	656	6708	625	689	3286	3498	-303	-260	11284	3221	14505	2519	17024	49.56
21	5124	1126	656	6906	627	535	3355	3633	-303	-247	11477	3013	14490	2424	16914	49.66
22	5146	1115	656	6917	627	420	3287	3545	-232	-174	11359	2700	14059	2313	16372	49.67
23	4954	1147	654	6755	626	358	3320	3615	-226	-167	11210	2327	13537	2220	15757	49.56
24	4878	1115	653	6646	625	364	3089	3309	-109	-51	10916	2040	12956	2149	15105	49.51
MUs	117.18	16.06	15.58	148.82	14.92	10.47	75.08	85.65	-5.12	-4.00	256.11	68.20	324.31	54.31	378.62	49.69

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)
Details of Generating Unit Outages/Trippings for 05/May/2009

Position as on 6.30 Hrs of 06/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
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	
Koradi Unit 1	105	27/04/2009	22.07		Continued.	Condensor Tube Leakage	10/05/2009
Cent_Sect NTPC(V-4)	210	28/04/2009	10.15		Continued.	Boiler Tube Leakage	
Uran Unit 3	60	04/05/2009	21.15		Continued.	Gas Restriction	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/May/2009

Position as on 6.30 Hrs of 06/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Koradi-Bhilai	05/05/2009	09:47	05/05/2009	10:30	Trip at Bhilai end.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar II	05/05/2009	01:58	05/05/2009	08:09	H/T FOR O/V
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400 KV TBC at Parly-II	07/04/2009	00.00		Continued.	Compressor Problem.
400/220KV ICT-II at Padgha	05/05/2009	02:08	05/05/2009	02:24	To Connect 33KV Cable. A.C. Source to HVDC.
400/220KV 315MVA ICT-I at Kharghar	05/05/2009	08:20	05/05/2009	20:10	Q.M. WORK
400/220KV,315 MVA ICT-I at Kolhapur.	05/05/2009	08:43	05/05/2009	18:10	Q.M. WORK
Dhabhol-N'Thane I	05/05/2009	09:17	05/05/2009	22:50	Q.M. WORK
400/220KV,315 MVA ICT-I at Kolhapur.	06/05/2009	09.55	06/05/2009	18.27	SFRA Test and Maintaince Work.
400/220KV, 500MVA ICT at Lamboti	06/05/2009	11.00	06/05/2009	15.53	Testing Work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV,125MVA ICT-III at Kalwa	01/05/2009	07.45		Continued.	Maintanance work
BBLSWR-ANAGAR CKT I	05/05/2009	08:32	05/05/2009	14:31	E/W Restranging
Kolhapur - Karad - I	05/05/2009	14:20	05/05/2009	16:50	Q.M. WORK
Koradi-Ambazari-I	06/05/2009	08.16	06/05/2009	17.12	Q.M. WORK
Khaparkheda-Kawlewada-I	06/05/2009	08.58	06/05/2009	17.15	Q.M. WORK
Kharepatan-Pawas	06/05/2009	10.00	06/05/2009	18.20	Cleaning of line Insulator
Kalwa-C'chem	06/05/2009	12.00	06/05/2009	14.50	Measurment Of Cross Arm at LOC.1
Khaparkheda - Kanhan - I	06/05/2009	12.38	06/05/2009	14.34	Relay Testing Work.
Bus Coupler at Uran	06/05/2009	15.50	06/05/2009	21.30	R Ph.PT Repl.Of BUS-I.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Madgi-Kawlewada-II	10/02/2009	16.20		Continued.	C.B. replacement work.
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
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Pirangut-K'gaon	05/05/2009	10:05	05/05/2009	11:47	To attend hot spot
Kolhapur - Karad - II	05/05/2009	10:10	05/05/2009	12:35	To attend hot spot
Voltage Level : 220KV			Outage Type HAND TRIPPED		
KALMESHVAR-PANDURNA	04/05/2009	19:18	05/05/2009	18:28	To Control Loading of Pandurna-Sarni Line.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV 315MVA ICT-I at Kharghar	06/05/2009	15.52	06/05/2009	18.47	Tripped, PRV Operated
Voltage Level : 220KV			Outage Type TRIPPED		
Apta-Uran-II	05/05/2009	10:15	05/05/2009	10:45	Trip at URAN end.
Bblswr-Anagar Ckt.II	05/05/2009	12:45	05/05/2009	12:56	Tripped ,Dist.Prot.
Voltage Level : 132KV			Outage Type TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/May/2009

Position as on 6.30 Hrs of 06/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Mouda - Bhandara	03/05/2009	21.40	05/05/2009	01.06	Tripped R ph C T Burst @ Mouda.
Bhandara-Kardha	06/05/2009	09.35	06/05/2009	09.55	Tripped on Dist.Prot.
Kardha-Sakoli	06/05/2009	09.35	06/05/2009	20.40	B Phase CT Burst

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 06/May/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	80
Unit 4	105	80
Unit 5	200	180
Unit 6	210	170
Unit 7	210	170
	1040	750
Bhusawal		
Unit 1	58	50
Unit 2	210	175
Unit 3	210	175
	478	400
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	140
Unit 4	210	150
Unit 5	210	150
Unit 6	250	220
	940	700
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	80
Unit 4	210	0
Unit 5	500	450
Unit 6	500	425
Unit 7	500	450
	2340	1745
Paras		
Unit 2	55	45
Unit 3	250	100
	305	145
Khaparkheda		
Unit 1	210	175
Unit 2	210	175
Unit 3	210	175
Unit 4	210	175
	840	700
Nasik		
Unit 1	120	90
Unit 2	120	65
Unit 3	210	170
Unit 4	210	170
Unit 5	210	170
	870	665
Uran		
All Units	852	620
	852	620
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	0
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	35
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	38
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	288
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	
Khadakale	0	
Khaparale	0	
	0	
Dabhol		
RGPL II	740	598
RGPL III	740	
	1480	598
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	3143	3067
	3143	3067