



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

State Load Dispatch Center, Airoli

Daily system Report

for

01/May/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 01/May/2009 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	119.954	119.954	1) Madhya Pradesh	48.553	48.553
2) Hydro	11.892	11.892	2) Gujrat	17.935	17.935
3) Gas	14.739	14.739	3) Goa	-5.842	-5.842
Total MSGENCO	146.585	146.585	4) TAPS 1&2 (Inj.)	3.288	3.288
B) OTHERS			5) Pench (Excess)	-0.405	-0.405
1) RGPPL Gas	7.976	7.976	# Total Cent. Sector	63.529	63.529
2) Wind Generation	12.210	12.210	F) Other Exchanges		
3) PENCH (MS)	0.405	0.405	1) With TPCL	0.889	0.889
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	31.753	31.753	1) MSEDCL Bilateral	8.022	8.022
2) TPCL Hydro	1.315	1.315	Include PX	0.463	0.463
TOTAL TPCL	33.068	33.068	2) MUMBAI Bilateral	0.105	0.105
3) REL Thermal	12.659	12.659	Include PX	-2.376	-2.376
D) STATE			3) MUMBAI Schedule	0.105	0.105
1) Thermal (A1+C1+C3)	164.366	164.366	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	13.612	13.612	1) MSEDCL	231.594	231.999
3) Gas (A3+B1)	22.715	22.715	2) TPCL	29.685	29.685
4) Wind (B2)	12.210	12.210	3) REL	15.152	15.152
TOTAL STATE	212.903	212.903	TOTAL STATE	276.431	276.836

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 7 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	5105	5010	5017
MSGENCO Hydro	287	376	888
MSGENCO Gas	541	651	570
MSGENCO Total Generation	5933	6037	6475
Central Sector Receipt	2101	3224	2398
RGPPL	333	333	335
WIND	642	491	694
Exchange with TPCL	263	-99	254
MSEDCL DEMAND MET	9272	10033	10179
Load Shedding	3645	3278	1542
MSEDCL DEMAND (INCL. LS)	12917	13311	11721
TPCL GENERATION	1362	1472	1351
REL GENERATION	529	529	528
TPCL+REL DEMAND	1628	2100	1625
STATE DEMAND MET	10900	12133	11804
STATE DEMAND (INCL. LS)	14545	15411	13346
Frequency (Hz)	49.63	49.60	49.54
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3220 MW at 21.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			56.38 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.25 Hz at 18.02 Hrs	48.77 Hz at 00.03 Hrs	49.56	1.67 % 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 01/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	1.72	1.72	76	68	70
Unit 3	1.63	1.63	76	64	70
Unit 4	1.62	1.62	76	44	70
Unit 5	2.97	2.97	148	102	140
Unit 6	2.87	2.87	142	66	150
Unit 7	3.08	3.08	148	108	150
	13.89	13.89			650
Bhusawal					
Unit 1	0.60	0.60	30	20	25
Unit 2	3.97	3.97	184	118	175
Unit 3	4.22	4.22	190	170	175
	8.80	8.80			375
Parli					
Unit 1	0.53	0.53	24	20	20
Unit 2	0.55	0.55	24	22	20
Unit 3	0.00	0.00	0	0	0
Unit 4	3.76	3.76	166	149	150
Unit 5	3.96	3.96	175	154	150
Unit 6	5.40	5.40	236	213	220
	14.19	14.19			560
Chandrapur					
Unit 1	4.18	4.18	180	165	170
Unit 2	3.93	3.93	171	100	170
Unit 3	5.04	5.04	212	205	210
Unit 4	0.00	0.00	0	0	0
Unit 5	9.64	9.64	456	358	425
Unit 6	9.80	9.80	445	380	425
Unit 7	10.56	10.56	470	403	450
	43.15	43.15			1850
Paras					
Unit 2	0.00	0.00	0	0	30
Unit 3	5.56	5.56	250	216	200
	5.56	5.56			230
Khaparkheda					
Unit 1	4.32	4.32	201	171	175
Unit 2	4.26	4.26	192	173	175
Unit 3	4.34	4.34	212	176	175
Unit 4	4.40	4.40	209	174	175
	17.32	17.32			700
Nasik					
Unit 1	2.20	2.20	96	84	85
Unit 2	2.02	2.02	92	60	90
Unit 3	4.28	4.28	196	171	170
Unit 4	4.35	4.35	193	174	180
Unit 5	4.21	4.21	188	169	180
	17.05	17.05			705
Uran					
All Units	14.74	14.74	655	508	620
	14.74	14.74			620
Koyna					
Stage 1-2	2.30	2.30	300	35	600
Stage 4	3.75	3.75	643	0	250
Kovna 12&4 Total	6.05	6.05			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.11	1.11	160	0	320
	7.17	7.17			1170
Hydro					
KDPH	0.90	0.90	38	37	36
VTRNA	1.25	1.25	61	0	60
TILLARI	0.31	0.31	50	0	60
BHTGR/VEER	1.37	1.37	58	57	45
BHIRA T.R.	0.20	0.20	80	0	80
RNGR+BHTSA	0.30	0.30	13	12	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.38	0.38	125	0	0
	4.73	4.73			296
PENCH (MS)					
Pench (MS)	0.40	0.40	47	0	0
	0.40	0.40			0
Wind					
MalharPeth	0.36	0.36			
Vankuswadi	0.69	0.69			
ATIT	0.12	0.12			
Kale	0.35	0.35			
Satara	0.66	0.66			
Shirala	0.32	0.32			
K Mahankal	0.05	0.05			
Supa	0.29	0.29			
Vita	1.21	1.21			
Dondaicha	5.06	5.06			
Sakri	0.85	0.85			
Nandurbar	0.71	0.71			
Khadakale	0.93	0.93			
Khaparale	0.62	0.62			
	12.21	12.21			
Dabhol					
RGPP L II	7.98	7.98	335	328	300
RGPP L III	0.00	0.00	0	0	0
	7.98	7.98			300
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	12.12	505	505	500
Trombay 6	9.62	9.62	510	300	500
Trombay 7A	2.55	2.55	123	90	100
Trombay 7B	1.44	1.44	65	55	60
Trombay 8	6.02	6.02	253	243	250
TATA Hydro	1.32	1.32	135	0	447
	33.07	33.07			1857
REL					
1&2	12.66	12.66	529	523	500
	12.66	12.66			500
Cent Sect					
Share					2910
					2910

MS PG CL	Thermal	119.95	119.95		5070
	Thml+Gas	134.69	134.69		5690
	Hydro	11.89	11.89		1466
	Total	146.58	146.58		7156
State Total		212.90	212.90		12723

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/May/2009

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CS SHARE	CS RECPT	TPCL SCH.	TPCL NET EXCH.	MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS													
1	4930	1099	561	6590	331	631	2809	2623	-15	21	10219	1504	11723	1995	13718	49.07
2	5021	983	566	6570	335	700	2747	2524	-15	28	10180	1508	11688	1832	13520	49.40
3	4996	828	569	6393	335	701	2641	2598	106	151	10201	1481	11682	1703	13385	49.56
4	5017	888	570	6475	335	694	2549	2398	206	254	10179	1542	11721	1625	13346	49.54
5	5027	1166	526	6719	335	702	2529	2256	227	265	10300	1971	12271	1617	13888	49.38
6	5081	1140	508	6729	334	709	2549	2231	206	248	10264	2302	12566	1635	14201	49.50
7	5105	287	541	5933	333	642	2541	2101	217	263	9272	3645	12917	1628	14545	49.63
8	5156	203	655	6014	333	588	2529	2014	226	261	9210	3516	12726	1592	14318	49.72
9	5156	246	650	6052	333	409	2726	2168	143	180	9142	3352	12494	1665	14159	49.62
10	5075	261	645	5981	333	277	2887	2364	-24	5	8960	3328	12288	1755	14043	49.64
11	4910	313	631	5854	328	216	2891	2592	-109	-73	8917	3129	12046	1893	13939	49.36
12	4894	339	631	5864	329	326	2895	2718	-109	-76	9161	3172	12333	1981	14314	49.53
13	4864	229	630	5723	328	387	2893	2691	-109	-60	9069	3353	12422	1976	14398	49.50
14	4932	209	630	5771	329	460	2888	2396	-87	-42	8914	3361	12275	1905	14180	49.55
15	4933	219	626	5778	329	523	2882	2407	-109	-64	8973	3054	12027	1907	13934	49.55
16	4906	214	610	5730	329	472	2881	2840	-109	-58	9313	2712	12025	1961	13986	49.58
17	4815	214	618	5647	332	533	2884	3069	-109	-58	9523	2698	12221	1930	14151	49.73
18	4869	209	655	5733	334	606	3138	2979	-60	-13	9646	2459	12105	1899	14004	49.99
19	4967	253	654	5874	333	626	2915	2737	-23	23	9628	2574	12202	1881	14083	49.83
20	5010	376	651	6037	333	491	3113	3224	-138	-99	10033	3278	13311	2100	15411	49.60
21	5176	413	653	6242	334	403	3118	3200	-138	-91	10135	3163	13298	2108	15406	49.56
22	5163	374	653	6190	333	342	3122	3192	-136	-99	10005	2926	12931	2101	15032	49.51
23	5039	675	654	6368	334	384	3126	3309	-132	-97	10345	2286	12631	2087	14718	49.55
24	4912	754	652	6318	334	386	2873	2904	-15	20	10009	2031	12040	2062	14102	49.46
MUs	119.95	11.89	14.74	146.58	7.98	12.21	68.13	63.54	-0.11	0.89	231.60	64.34	295.94	44.84	340.78	49.56

NOTE : ALL VALUES IN MW

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

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 01/May/2009

Position as on 6.30 Hrs of 02/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	
Uran Unit 3	60	23/10/2008	06.40		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	03/05/2009
Cent_Sect NTPC(V-4)	210	28/04/2009	10.15		Continued.	Boiler Tube Leakage	
Cent_Sect Tarapur 1	80	29/04/2009	11.18		Continued.	Condensor Tube Leakage	03/05/2009
Dabhol 3X	290	29/04/2009	22:31	02/05/2009	11.36	Differential Expansion problem.	
Parli Unit 3	210	30/04/2009	12.03		Continued.	Boiler Tube Leakage	03/05/2009
Dabhol 3B	230	30/04/2009	20.08	02/05/2009	06:38	Differential Expansion problem.	
Paras Unit 2	55	30/04/2009	21.00		Continued.	Clincker Formation.	
Cent_Sect sipat-5	500	02/05/2009	00.37	02/05/2009	05:02	Drum Level Low	
Nasik Unit 2	125	02/05/2009	03.05	02/05/2009	06.00	Boiler Feed Pump Problem	
Koradi Unit 2	105	02/05/2009	12.57		Continued.	A C Supply Failure.	
Koradi Unit 3	105	02/05/2009	12.57	02/05/2009	18.40	A C Supply Failure.	
Koradi Unit 4	115	02/05/2009	12.57	02/05/2009	20.24	A C Supply Failure.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/May/2009

Position as on 6.30 Hrs of 02/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Padgha-Tarapur CKT I	01/05/2009	08.45	01/05/2009	18.50	R.M.Work.
Padgha-Tarapur CKT I	02/05/2009	08.44	02/05/2009	18.27	R. Miantenance Work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Padgha - Boisar (PGCIL)	02/05/2009	09.58	02/05/2009	19.02	ANNUAL MAINT. WORK
Voltage Level : 400KV			Outage Type HAND TRIPPED		
DHULE-SAR'SAROVAR-I	27/04/2009	23.55	02/05/2009	08.45	H/T FOR O/V
Wardha - Akola - I	29/04/2009	17.49		Continued.	H/T FOR O/V
Dhule-Sar'Sarovar II	01/05/2009	02.07		Continued.	H/T FOR O/V
Kolhapur-Mapusa Ckt I	02/05/2009	00.40	02/05/2009	08.36	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,105MVA Spare ICT at Chandrapur	26/04/2009	10.37		Continued.	Commissioning of CTR fire Protection Scheme.
400/220KV,315MVA ICT-I at Karad	27/04/2009	00.55	01/05/2009	13.19	Replacement of R phase unit
Bhusawal- Aurangabad	02/05/2009	09.29	02/05/2009	19.00	Main II Prot.Work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132KV 100MVA ICT-I at Chalisgaon	29/04/2009	09.02	01/05/2009	10.45	Oil filtration
220/100KV,125MVA ICT-III at Kalwa	01/05/2009	07.45		Continued.	Maintanance work
Boiser-Taps	01/05/2009	08.16	01/05/2009	18.36	ANNUAL MAINT. WORK
Kurkumb-Bhigwan	01/05/2009	08.30	01/05/2009	19.30	Line Maintenance work.
Telco-Chinchwad	01/05/2009	10.20	01/05/2009	18.20	Crimping Work.
Uran - JNPT	01/05/2009	10.50	01/05/2009	15.40	R.M.Work.
ONGC-JNPT	01/05/2009	10.58	01/05/2009	15.36	R.M.Work.
Main Bus at JNPT	01/05/2009	10.58	01/05/2009	15.36	R.M. Work
Bale-Usmanabad	01/05/2009	12.06		Continued.	Errection of New Tower
Trombay-Nerul	01/05/2009	12.12	01/05/2009	15.52	L.A.Fixing at Sonkar S/strn.
Murud-Bale	01/05/2009	13.15		Continued.	Errection of New Tower
Kolhapur-Sawantwadi	02/05/2009	08.18	02/05/2009	18.23	R.M.Work.
220/132 KV 200 MVA ICT-IV at NSK OCR	02/05/2009	08.40	02/05/2009	12.05	Tan delta and SFRA Testing work.
Kalyani-Bhigwan	02/05/2009	08.45	02/05/2009	18.53	Jumper Replacement.
Ghodbandar-Versova-II	02/05/2009	10.11	02/05/2009	14.48	R.M. Work
220/100KV, 100 MVA ICT-II @ Taloja.	02/05/2009	14.02	02/05/2009	19.02	Outage
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
Dabhol-New Koyna-I	01/05/2009	10.15	01/05/2009	10.50	SF6 Gas filling.
Voltage Level : 132KV			Outage Type FORCED OUTAGE		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/May/2009

Position as on 6.30 Hrs of 02/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Paras-Akot ckt.	02/05/2009	17.30		Continued.	R Ph C T Failed at Paras.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Uppalwadi-Pardi	30/04/2009	19.05	01/05/2009	06.00	H/T To Control 132KV Manakapur-Ambazari loading.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 315 MVA ICT at Akola	01/05/2009	08.13	02/05/2009	20.54	Tripped on Diff.Prot.
Voltage Level : 220KV			Outage Type TRIPPED		
Kolhapur-Sawantwadi	29/04/2009	07.14	02/05/2009	01.35	Tripped on Dist.Prot.
Kolhapur-Karad-III	01/05/2009	10.35	01/05/2009	10.48	Tripped.
Voltage Level : 132KV			Outage Type TRIPPED		
Kalmeshwar-Katol	30/04/2009	15.33	01/05/2009	12:30	Insulator String Broken.
Kanhan-Pardi	01/05/2009	05.11	01/05/2009	05.45	Tripped
Ambazari-Pardi	01/05/2009	05.11	01/05/2009	05.43	Tripped
Besa-Pardi	01/05/2009	05:11	01/05/2009	10:37	R.Ph LA Burst.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 02/May/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	40
Unit 3	105	40
Unit 4	105	40
Unit 5	200	130
Unit 6	210	150
Unit 7	210	150
	1040	550
Bhusawal		
Unit 1	58	25
Unit 2	210	175
Unit 3	210	175
	478	375
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	0
Unit 4	210	150
Unit 5	210	150
Unit 6	250	220
	940	560
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	210
Unit 4	210	0
Unit 5	500	425
Unit 6	500	425
Unit 7	500	425
	2340	1825
Paras		
Unit 2	55	0
Unit 3	250	220
	305	220
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	90
Unit 3	210	170
Unit 4	210	180
Unit 5	210	180
	870	710
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	36
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	45
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	296
PENCH (MS)		
Pench (MS)	53	0
	53	0
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		
RGPPPL II	740	600
RGPPPL III	740	0
	1480	600
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	297
	2024	1727
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2627
	3143	2627