



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

State Load Dispatch Center, Airoli

Daily system Report

for

08/May/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 08/May/2009 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	113.631	941.377	1) Madhya Pradesh	54.267	468.644
2) Hydro	21.437	137.602	2) Gujrat	20.830	150.388
3) Gas	12.462	120.032	3) Goa	-6.563	-50.290
Total MSGENCO	147.530	1199.011	4) TAPS 1&2 (Inj.)	6.896	42.602
B) OTHERS			5) Pench (Excess)	-0.129	-1.781
1) RGPPL Gas	14.851	108.081	# Total Cent. Sector	75.301	609.563
2) Wind Generation	7.283	81.907	F) Other Exchanges		
3) PENCH (MS)	0.129	1.781	1) With TPCL	-2.018	-15.081
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	34.569	267.273	1) MSEDCL Bilateral	8.528	67.577
2) TPCL Hydro	4.500	25.924	Include PX	0.734	6.271
TOTAL TPCL	39.069	293.197	2) MUMBAI Bilateral	3.032	23.180
3) REL Thermal	12.562	100.683	Include PX	-1.250	-6.766
D) STATE			3) MUMBAI Schedule	3.032	23.180
1) Thermal (A1+C1+C3)	160.762	1309.333	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	26.066	165.307	1) MSEDCL	243.076	1987.043
3) Gas (A3+B1)	27.313	228.113	2) TPCL	35.728	274.502
4) Wind (B2)	7.283	81.907	3) REL	17.918	134.348
TOTAL STATE	221.424	1784.660	TOTAL STATE	296.722	2395.893

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4723	4948	4552
MSGENCO Hydro	382	1063	1063
MSGENCO Gas	518	514	530
MSGENCO Total Generation	5623	6525	6145
Central Sector Receipt	3245	3521	2738
RGPPL	616	619	625
WIND	184	430	285
Exchange with TPCL	-280	-201	318
MSEDCL DEMAND MET	9388	10911	10111
Load Shedding	4013	3430	1539
MSEDCL DEMAND (INCL. LS)	13401	14341	11650
TPCL GENERATION	1573	1732	1452
REL GENERATION	522	520	524
TPCL+REL DEMAND	2375	2453	1658
STATE DEMAND MET	11763	13364	11769
STATE DEMAND (INCL. LS)	15776	16794	13308
Frequency (Hz)	49.25	49.34	49.49
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4086 MW at 21.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			79.69 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
49.89 Hz at 18.03 Hrs	48.79 Hz at 21.19 Hrs	49.31	4.88 % 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 08/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	1.68	8.79	78	62	70
Unit 3	1.53	12.08	71	53	70
Unit 4	1.28	11.09	73	11	70
Unit 5	3.34	25.41	160	106	130
Unit 6	3.51	25.66	174	112	125
Unit 7	3.52	26.02	167	113	130
	14.85	109.04			595
Bhusawal					
Unit 1	1.18	7.43	52	40	50
Unit 2	4.08	32.26	175	165	175
Unit 3	4.11	32.96	181	166	175
	9.37	72.65			400
Parli					
Unit 1	0.53	4.27	23	21	20
Unit 2	0.52	4.58	23	20	20
Unit 3	3.28	16.78	149	130	140
Unit 4	3.80	29.71	170	149	150
Unit 5	0.00	25.51	0	0	0
Unit 6	3.94	39.33	213	121	140
	12.08	120.18			470
Chandrapur					
Unit 1	4.23	33.52	182	169	170
Unit 2	4.10	32.35	178	165	170
Unit 3	4.99	30.08	210	205	210
Unit 4	0.00	0.00	0	0	0
Unit 5	6.04	73.22	316	206	350
Unit 6	9.02	77.22	434	321	375
Unit 7	9.78	80.96	467	343	400
	38.17	327.35			1675
Paras					
Unit 2	1.15	5.24	51	45	45
Unit 3	3.77	33.36	221	101	160
	4.92	38.60			205
Khaparkheda					
Unit 1	4.32	34.98	194	170	175
Unit 2	4.32	34.51	186	169	175
Unit 3	4.35	35.15	184	178	175
Unit 4	4.29	35.19	181	175	175
	17.28	139.82			700
Nasik					
Unit 1	2.28	17.74	100	88	90
Unit 2	1.90	13.70	88	62	90
Unit 3	4.22	34.36	191	151	170
Unit 4	4.45	34.70	190	178	180
Unit 5	4.12	33.25	175	166	170
	16.96	133.74			700
Uran					
All Units	12.46	120.03	538	496	520
	12.46	120.03			520
Koyna					
Stage 1-2	3.14	21.74	350	35	600
Stage 4	10.43	66.30	873	0	250
Koyna 12&4 Total	13.58	88.04			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	3.17	19.01	240	0	320
	16.74	107.05			1170
Hydro					
KDPH	0.87	2.67	37	36	36
VTRNA	1.14	9.45	61	0	61
TILLARI	0.30	2.20	60	0	60
BHTGR/VEER	0.97	7.22	42	40	46
BHIRA T.R.	0.17	1.19	59	0	80
RNGR+BHTSA	0.32	2.55	15	12	15
BHANDARDRA	0.74	2.44	31	30	25
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.40	10	0	0
GHATGHAR	0.13	2.42	125	0	0
	4.69	30.55			323
PENCH (MS)					
Pench (MS)	0.13	1.78	24	0	
	0.13	1.78			
Wind					
MalharPeth	0.15	2.32			
Vankuswadi	0.26	4.60			
ATIT	0.05	0.90			
Kale	0.16	2.08			
Satara	0.14	3.86			
Shirala	0.11	2.00			
K Mahankal	0.14	0.99			
Supa	0.13	1.88			
Vita	0.55	9.57			
Dondaicha	4.00	34.69			
Sakri	0.66	5.69			
Nandurbar	0.54	4.68			
Khadakale	0.26	5.32			
Khaparale	0.14	3.30			
	7.28	81.91			
Dabhol					
RGPP L II	14.85	108.08	625	611	587
RGPP L III		0.00	0	0	
	14.85	108.08			587
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	96.87	505	505	500
Trombay 6	11.99	88.26	510	370	500
Trombay 7A	2.87	22.10	123	117	110
Trombay 7B	1.62	12.39	68	67	70
Trombay 8	5.98	47.66	253	222	250
TATA Hydro	4.50	25.92	416	0	447
	39.07	293.20			1877
REL					
1&2	12.56	100.68	532	520	500
	12.56	100.68			500
Cent Sect					
Share					3257
					3257

MS PG CL	Thermal	113.63	941.38		4745
	Thml+Gas	126.09	1061.41		5265
	Hydro	21.44	137.60		1493
	Total	147.53	1199.01		6758
State Total		221.42	1784.66		12979

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/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	4569	1241	524	6334	620	267	2873	2894	-18	24	10139	1467	11606	2059	13665	49.15
2	4586	1012	525	6123	622	267	2847	2936	3	56	10004	1472	11476	1900	13376	49.29
3	4623	1117	528	6268	625	268	2661	2848	184	235	10244	1462	11706	1714	13420	49.45
4	4552	1063	530	6145	625	285	2553	2738	292	318	10111	1539	11650	1658	13308	49.49
5	4590	1140	528	6258	625	285	2712	2681	134	190	10039	1943	11982	1648	13630	49.32
6	4655	1222	530	6407	625	331	2556	2574	299	326	10263	2242	12505	1684	14189	49.27
7	4758	291	538	5587	625	280	2560	2559	299	329	9380	3583	12963	1658	14621	49.63
8	4826	217	534	5577	623	143	2839	2813	229	277	9433	3645	13078	1752	14830	49.52
9	4878	232	530	5640	620	114	3032	3223	34	78	9675	3451	13126	1977	15103	49.49
10	4723	382	518	5623	616	184	3208	3245	-324	-280	9388	4013	13401	2375	15776	49.25
11	4677	661	507	5845	615	101	3257	3224	-377	-330	9455	3589	13044	2585	15629	49.14
12	4590	1216	508	6314	615	115	3254	3216	-377	-332	9928	3391	13319	2693	16012	49.16
13	4577	1176	516	6269	614	232	3249	3391	-377	-332	10174	3327	13501	2722	16223	49.40
14	4548	1118	518	6184	614	313	3246	3318	-377	-337	10092	3343	13435	2579	16014	49.29
15	4634	920	510	6064	612	384	3249	3402	-377	-339	10135	3359	13494	2687	16181	49.20
16	4786	677	512	5975	613	313	3293	3345	-377	-338	9932	3518	13450	2693	16143	49.25
17	4842	485	512	5839	611	452	3299	3471	-377	-342	10055	3734	13789	2672	16461	49.13
18	4834	254	519	5607	616	382	3499	3551	-294	-261	9919	3476	13395	2600	15995	49.31
19	4870	376	496	5742	620	514	3270	3618	-279	-230	10288	3161	13449	2446	15895	49.54
20	4948	1063	514	6525	619	430	3260	3521	-235	-201	10911	3430	14341	2453	16794	49.34
21	4901	1356	516	6773	619	389	3263	3446	-235	-191	11040	3236	14276	2393	16669	49.26
22	4917	1369	519	6805	620	382	3208	3181	-186	-140	10848	2958	13806	2327	16133	49.30
23	4877	1517	517	6911	619	396	3177	3201	-184	-144	10983	2333	13316	2214	15530	49.17
24	4858	1335	513	6706	618	461	3035	2910	-113	-54	10641	2054	12695	2160	14855	49.02
MUs	113.62	21.44	12.46	147.52	14.85	7.29	73.40	75.31	-3.03	-2.02	243.08	69.73	312.80	53.65	366.45	49.31

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 08/May/2009

Position as on 6.30 Hrs of 09/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	
Parli Unit 5	210	07/05/2009	21.49		Continued.	Condensor Tube Leakage	
Uran Unit B0	120	07/05/2009	22.55		Continued.	Sealing Problem.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/May/2009

Position as on 6.30 Hrs of 09/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-S'Sarovar I	04/05/2009	00:07	08/05/2009	14:17	H/T FOR O/V
Dhule-Sar'Sarovar II	08/05/2009	6:59		Continued.	H/T FOR O/V
Voltage Level : 400KV			Outage Type TRIPPED		
Wardha - Akola - II	07/05/2009	07:05		Continued.	Tripped on over voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400 KV TBC at Parly-II	07/04/2009	00.00		Continued.	Compressor Problem.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV,125MVA ICT-III at Kalwa	01/05/2009	07.45		Continued.	Maintanance work
Khaparkheda-Kawlewada-II	08/05/2009	08.03	08/05/2009	12.11	To Attend Hot Glow in Bus Isolator Y ph.
Boiser-PGCIL-I	08/05/2009	08.40	08/05/2009	14.46	Bay maintenance
220/100 ICT-I @ KOLSHET	08/05/2009	09.30	08/05/2009	18.10	Testing Work
Uran - Khargar - I	08/05/2009	09.34	08/05/2009	20.15	P.T.Replacement.
Murud-Bale	08/05/2009	10.40		Continued.	Railway Crossing Work.
220/22 KV ,50 MVA T/F at Taloja	08/05/2009	11.25	08/05/2009	16.45	R.M. Work
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Madgi-Kawlewada-II	10/02/2009	16.20		Continued.	C.B. replacement work.
Amravati - Lalkhedi	08/05/2009	09.15	08/05/2009	13.05	Tan Delta Measurment.
Pusad - Gunj	08/05/2009	10.50	08/05/2009	17.17	To attend oil leakage.
Lalkhedi - Durgwada	08/05/2009	15.26	08/05/2009	17.15	Tan Delta Measurment.
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kalwa-Nocil II	08/05/2009	09.10	08/05/2009	13.30	Q.M. 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
400/220 KV,600 MVA ICT-I @ Kalwa	08/05/2009	08.02	08/05/2009	12.00	To attend Oil Leakage.
Dabhol-NewKoyna-II	08/05/2009	10.08	08/05/2009	19.22	Jumper Replacement work.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Taps-Boisar	08/05/2009	15.40	08/05/2009	17.54	Attending C.T. oil leakage.
Voltage Level : 500KV			Outage Type HAND TRIPPED		
500kv HVDC Pole1	08/05/2009	02.44	08/05/2009	06.22	Hand Tripped to Control O/V.
HVDC POLEII	08/05/2009	02.44	08/05/2009	06.22	Hand Tripped to Control O/V.
Voltage Level : 220KV			Outage Type TRIPPED		
Yavatmal-Pusad	07/05/2009	20.23	08/05/2009	00:49	B.Ph. C.C.Burst at Pusad
Pusad - Yavatmal	07/05/2009	20.23	08/05/2009	00.49	B Phase CT Burst
Tifil-Trombay	08/05/2009	05:59	08/05/2009	10.36	Tripped ,Dist.Prot.
Tifil-Trombay	08/05/2009	13.00	08/05/2009	14.58	Tripped on Dist.Prot.
BBLSWR-AIEPHATA	08/05/2009	13.51	08/05/2009	14.04	Tripped on Dist.Prot.
Voltage Level : 132KV			Outage Type TRIPPED		
Uppalwadi-Pardi	07/05/2009	20.28	08/05/2009	09.20	H/T For Line Loading.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 09/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	65
Unit 5	200	140
Unit 6	210	120
Unit 7	210	155
	1040	630
Bhusawal		
Unit 1	58	50
Unit 2	210	175
Unit 3	210	170
	478	395
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	140
Unit 4	210	150
Unit 5	210	0
Unit 6	250	200
	940	530
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	210
Unit 4	210	0
Unit 5	500	300
Unit 6	500	425
Unit 7	500	425
	2340	1700
Paras		
Unit 2	55	50
Unit 3	250	225
	305	275
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	60
Unit 3	210	170
Unit 4	210	180
Unit 5	210	170
	870	670
Uran		
All Units	852	525
	852	525
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	61
TILLARI	60	60
BHTGR/VEER	21	40
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	31
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	323
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	587
RGPL III	740	
	1480	587
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	3165
	3143	3165

	17396	13047
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