



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

State Load Dispatch Center, Airoli

Daily system Report

for

05/Aug/2009

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	103.899	497.351	1) Madhya Pradesh	36.504	217.577
2) Hydro	14.239	98.482	2) Gujrat	23.438	80.540
3) Gas	13.540	64.807	3) Goa	-5.712	-27.176
Total MSGENCO	131.678	660.640	4) TAPS 1&2 (Inj.)	7.353	36.664
B) OTHERS			5) Pench (Excess)	-0.368	-3.891
1) RGPPL Gas	22.516	112.387	# Total Cent. Sector	61.215	303.714
2) Wind Generation	22.929	92.602	F) Other Exchanges		
3) PENCH (MS)	0.368	3.891	1) With TPCL	-2.119	-17.132
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	29.804	143.768	1) MSEDCL Bilateral	3.231	12.677
2) TPCL Hydro	4.556	19.448	Include PX	0.494	1.581
TOTAL TPCL	34.360	163.216	2) MUMBAI Bilateral	3.542	18.878
3) REL Thermal	12.666	63.231	Include PX	0.120	3.819
D) STATE			3) MUMBAI Schedule	3.542	18.878
1) Thermal (A1+C1+C3)	146.369	704.350	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	19.163	121.821	1) MSEDCL	236.587	1156.102
3) Gas (A3+B1)	36.056	177.194	2) TPCL	32.859	160.473
4) Wind (B2)	22.929	92.602	3) REL	16.285	83.100
TOTAL STATE	224.517	1095.967	TOTAL STATE	285.731	1399.675

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	4474	4425	4152
MSGENCO Hydro	391	1165	733
MSGENCO Gas	619	592	510
MSGENCO Total Generation	5484	6182	5395
Central Sector Receipt	3032	2520	2110
RGPPL	940	941	939
WIND	978	871	839
Exchange with TPCL	-298	-87	8
MSEDCL DEMAND MET	10136	10454	9317
Load Shedding	2400	2849	859
MSEDCL DEMAND (INCL. LS)	12536	13303	10176
TPCL GENERATION	1724	1584	1100
REL GENERATION	528	526	529
TPCL+REL DEMAND	2550	2197	1621
STATE DEMAND MET	12686	12651	10938
STATE DEMAND (INCL. LS)	15086	15500	11797
Frequency (Hz)	49.45	49.56	49.35
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3470 MW AT 20.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			55.61 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.25 Hz at 09.06 Hrs	48.8 Hz at 21.06 Hrs	49.45	2.28 % 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/Aug/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	7.81	79	62	70
Unit 3	1.44	6.58	68	50	50
Unit 4	2.00	8.61	94	73	80
Unit 5	4.09	19.49	179	165	170
Unit 6	1.93	7.41	157	0	0
Unit 7	0.00	0.00	0	0	0
	11.19	49.91			370
Bhusawal					
Unit 1	1.22	5.58	55	40	45
Unit 2	1.41	12.32	158	0	0
Unit 3	4.32	21.06	192	172	175
	6.95	38.95			220
Parli					
Unit 1	0.41	2.50	25	0	0
Unit 2	0.59	2.71	26	23	20
Unit 3	4.26	20.59	187	168	170
Unit 4	0.00	0.00	0	0	0
Unit 5	4.16	20.54	178	163	170
Unit 6	3.80	4.89	236	90	100
	13.22	51.23			460
Chandrapur					
Unit 1	3.73	19.00	162	146	160
Unit 2	3.44	17.24	147	140	145
Unit 3	4.73	23.13	206	188	200
Unit 4	4.85	22.39	211	189	200
Unit 5	10.94	53.78	464	445	450
Unit 6	10.03	48.62	430	340	425
Unit 7	0.00	0.00	0	0	
	37.72	184.14			1580
Paras					
Unit 2	0.29	2.82	19	0	0
Unit 3	3.50	17.16	202	0	125
	3.80	19.98			125
Khaparkheda					
Unit 1	4.72	22.92	207	189	200
Unit 2	4.47	22.09	196	182	180
Unit 3	4.40	23.87	212	161	200
Unit 4	2.80	21.93	212	0	200
	16.38	90.80			780
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	1.44	6.20	82	40	50
Unit 3	4.58	22.08	205	152	180
Unit 4	4.39	14.20	192	159	170
Unit 5	4.23	19.86	186	162	170
	14.64	62.34			570
Uran					
All Units	13.54	64.81	630	502	500
	13.54	64.81			500
Koyna					
Stage 1-2	2.16	17.90	195	40	600
Stage 4	6.90	52.00	830	0	250
Koyna 12&4 Total	9.06	69.91			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.31	16.00	240	0	240
	11.37	85.91			1090
Hydro					
KDPH	0.00	0.43	0	0	0
VTRNA	0.19	0.19	61	0	0
TILLARI	0.72	3.58	60	0	60
BHTGR/VEER	0.38	2.13	16	16	16
BHIRA T.R.	0.40	1.61	82	0	80
RNGR+BHTSA	0.46	1.80	19	19	19
BHANDARDRA	0.53	1.67	22	22	22
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.20	1.16	125	0	0
	2.87	12.57			197
PENCH (MS)					
Pench (MS)	0.37	3.89	27	0	
	0.37	3.89			
Wind					
MalharPeth	0.90	4.53			
Vankuswadi	2.10	9.31			
ATIT	0.42	1.88			
Kale	0.22	2.85			
Satara	2.84	7.70			
Shirala	0.61	2.52			
K Mahankal	0.10	2.60			
Supa	0.36	1.71			
Vita	3.24	14.92			
Dondaicha	7.24	27.20			
Sakri	1.41	5.65			
Nandurbar	0.83	2.96			
Khadakale	1.81	5.85			
Khaparale	0.86	2.93			
	22.93	92.60			
Dabhol					
RGPP L II	22.52	112.39	947	932	881
RGPP L III	0.00	0.00	0	0	
	22.52	112.39			881
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.07	60.19	505	460	500
Trombay 6	10.83	51.97	510	220	500
Trombay 7A	2.24	10.28	94	93	120
Trombay 7B	0.00	0.00	0	0	0
Trombay 8	4.66	21.33	215	150	170
TATA Hydro	4.56	19.45	406	2	447
	34.36	163.22			1737
REL					
1&2	12.67	63.23	529	526	500
	12.67	63.23			500
Cent Sect					
Share					2314
					2314

MS PG CL	Thermal	103.90	497.35		4105
	Thml+Gas	117.44	562.16		4605
	Hydro	14.24	98.48		1287
	Total	131.68	660.64		5892
State Total		224.52	1095.97		11324

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 05/Aug/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	4104	940	507	5551	939	965	2426	2166	-52	11	9658	860	10518	1806	12324	49.24
2	4152	733	510	5395	939	839	2428	2110	-52	8	9317	859	10176	1621	11797	49.35
3	4233	503	518	5254	939	980	2428	2340	-52	11	9551	880	10431	1556	11987	49.46
4	4173	581	523	5277	936	922	2428	2273	-52	5	9440	959	10399	1505	11904	49.12
5	4041	941	506	5488	939	884	2431	2329	-52	12	9679	975	10654	1487	12141	49.26
6	4042	1217	502	5761	941	878	2441	2461	-65	-3	10065	1216	11281	1569	12850	49.28
7	4124	828	549	5501	940	841	2440	2302	-65	-1	9610	2327	11937	1669	13606	49.36
8	4231	203	609	5043	937	805	2662	2576	-46	16	9387	2517	11904	1802	13706	49.45
9	4305	152	630	5087	938	1043	2641	2392	-28	36	9506	2814	12320	2034	14354	49.63
10	4401	192	625	5218	935	1116	2809	2757	-200	-133	9900	2474	12374	2293	14667	49.55
11	4434	220	596	5250	936	1069	2900	3081	-350	-285	10051	2515	12566	2510	15076	49.48
12	4474	391	619	5484	940	978	2916	3032	-359	-298	10136	2400	12536	2550	15086	49.45
13	4520	222	625	5367	947	1067	2892	2785	-359	-310	9856	2413	12269	2536	14805	49.67
14	4469	165	619	5253	934	934	2833	2707	-218	-179	9649	2428	12077	2387	14464	49.51
15	4348	168	573	5089	933	1013	2834	2705	-218	-160	9580	2530	12110	2388	14498	49.55
16	4334	179	571	5084	932	998	2833	2768	-218	-163	9619	2320	11939	2361	14300	49.42
17	4388	197	536	5121	934	1083	2688	2874	-217	-166	9846	2423	12269	2324	14593	49.62
18	4348	191	504	5043	933	999	2578	2697	-199	-147	9525	2554	12079	2245	14324	49.68
19	4422	362	552	5336	937	912	2620	2876	-134	-84	10003	2345	12348	2158	14506	49.75
20	4425	1165	592	6182	941	871	2385	2520	-134	-87	10454	2849	13303	2197	15500	49.56
21	4435	1406	608	6449	943	949	2389	2341	-134	-68	10639	2608	13247	2147	15394	49.43
22	4511	1078	611	6200	940	872	2380	2300	-125	-55	10282	2501	12783	2074	14857	49.16
23	4504	1250	541	6295	942	972	2348	2361	-129	-60	10536	1844	12380	2022	14402	49.32
24	4481	955	514	5950	941	941	2456	2462	-87	-19	10300	1334	11634	1904	13538	49.39
MUs	103.90	14.24	13.54	131.68	22.52	22.93	62.19	61.22	-3.54	-2.12	236.59	48.94	285.53	49.14	334.68	49.45

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/Aug/2009

Position as on 6.30 Hrs of 06/Aug/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
Tata Trombay 7B	60	04/07/2009	21.12		Continued.	GT.Bucholz Operated.	10/08/2009
Nasik Unit 1	125	05/07/2009	6:15		Continued.	Annual Overhaul.	09/08/2009
Chandrapur Unit 7	500	16/07/2009	04:53		Continued.	A/OH.	16/08/2009
Cent_Sect NTPC(V-7)	500	18/07/2009	23.27		Continued.	Annual Overhaul.	20/08/2009
Koradi Unit 7	210	20/07/2009	09.57		Continued.	Annual Overhaul	10/08/2009
Koradi Unit 1	105	24/07/2009	01:20		Continued.	ANNUAL OVERHAUL	04/09/2009
Parli Unit 4	210	25/07/2009	00.58		Continued.	AOH.	20/08/2009
Koyna Unit 11	80	25/07/2009	15.30		Continued.	Stator Earth fault	25/09/2009
Cent_Sect NTPC(K-5)	500	31/07/2009	23.50		Continued.	Annual Overhaul	30/08/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	20/12/2009
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	15/02/2010
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	25/10/2009
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Tata Trombay 4	150	01/07/2009	00:46		Continued.	W/dn	
Uran Unit 3	60	05/07/2009	21.12		Continued.	Stator Earth Fault	
Koradi Unit 6	210	02/08/2009	09.23	05/08/2009	08.31	Boiler tube leakage.	
Bhusawal Unit 2	210	03/08/2009	23.14	05/08/2009	12.15	Economiser Tube leakage	
Parli Unit 1	30	04/08/2009	22.08	05/08/2009	07.13	Low Drum Level.	
Paras Unit 3	250	05/08/2009	03.42	05/08/2009	06.26	Falme Failure.	
Cent_Sect sipat-5	500	05/08/2009	15.31	05/08/2009	22.42	Stem line leakage	
Paras Unit 2	55	05/08/2009	20.27		Continued.	Coal Mill Problem	09/08/2009
Cent_Sect NTPC(V-3)	210	06/08/2009	00.30		Continued.	Boiliter Tube Leakage	08/08/2009
Paras Unit 3	250	06/08/2009	23.00		Continued.	Vibration problem.	08/08/2009

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

Position as on 6.30 Hrs of 06/Aug/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Kolhapur-Phonda Ckt. I	26/07/2009	09.10		Continued.	Outage.
Tillary-Phonda	26/07/2009	09.52		Continued.	Outage.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Kolhapur-Mapusa Ckt I	05/08/2009	11.50	05/08/2009	19.10	Hot Spot
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - II	01/07/2009	09.12		Continued.	H/T FOR O/V
Akola - Wardha - I	09/07/2009	06:32		Continued.	H/T FOR O/V
Dhule-Sar'Sarovar II	23/07/2009	00:18		Continued.	H/T For O/V.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Khandwa-II	19/06/2009	16:13		Continued.	3 Tower Collapsed.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Karad-Lonikhand	05/08/2009	08.30	05/08/2009	19.50	Insulator replacement
400/220 KV,315 MVA ICT-II at Chandrapur	05/08/2009	08.34	05/08/2009	17.18	Testing work
400/220KV, 500MVA ICT at Lamboti	05/08/2009	12.14	05/08/2009	19.35	To attend oil leakage
400/220KV,105MVA Spare ICT at Chandrapur	05/08/2009	14.12	05/08/2009	17.24	Checking of fire prot.
400/220KV,315MVA ICT-II at N.Koyna	05/08/2009	14.32	05/08/2009	16.40	29D Isolator Problem
Parli-Lonikand - II	06/08/2009	09.11	06/08/2009	18.31	Line maintenance work.
400/220kv ICT-II @ BBLSWR	06/08/2009	09.34	06/08/2009	16.30	Replacement of 'B' phase.
Karad-Kolhapur-II	06/08/2009	10.43	06/08/2009	17.02	Line maintenance work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
220/132 KV,63 MVA,ICT-2 at Lonand.	10/07/2009	12.10		Continued.	HV C.B.Repl.,ICT on TBC
220/132 KV 63MVA T/F I at Lonand	23/07/2009	11.50		Continued.	Errection of New T/F
C'pur-Sicom-I	26/07/2009	09.50		Continued.	C.B.Replacement Work.Line on TBC.
Miraj-Maisal	03/08/2009	09.50		Continued.	Replacement of Dist.Prot.scheme
Nasik - Ghatghar	03/08/2009	10.36		Continued.	C.B.replacement, Ckt on TBC
220/110KV, 100MVA T/F-I at Miraj	06/08/2009	08.35	06/08/2009	12.50	LV side Breaker erection work.
Borivali-Kalwa	06/08/2009	09.23	06/08/2009	16.56	S M S Work.
Chinchwad - Hinjewadi	06/08/2009	10.05	06/08/2009	14.59	Insulator replacement.
Lonikand-Khadki	06/08/2009	10.17	06/08/2009	16.34	Q/M work.
Pusad-Nanded	06/08/2009	10.18	06/08/2009	17.54	Retrofitting work at both ends.
Aurangabad-Chitegaon-II	06/08/2009	11.30	06/08/2009	16.15	Q/M work.
Bhusawal - Chalisgaon CKT-II.	06/08/2009	13.06	06/08/2009	19.12	Retrofitting work.
Bhusawal-Chalisgaon-II	06/08/2009	19.12		Continued.	CKT on TBC main breaker replacement work.
Voltage Level : 220KV			Outage Type HAND TRIPPED		

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

Position as on 6.30 Hrs of 06/Aug/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Wardha--Dhamangaon	03/08/2009	09.52	05/08/2009	03.54	Ckt H/T at D'gaon end to control Load Akola ICT
Wardha-Badnera	05/08/2009	06.25		Continued.	To Load 400KV Akola ICT
Wardha--Dhamangaon	05/08/2009	08.02	06/08/2009	21.59	H/T to Load Akola ICT
Voltage Level : 220KV			Outage Type TRIPPED		
Tambati-Pedambe	06/08/2009	06.55	06/08/2009	16.50	L A Burst.
Karad - Vita - I	06/08/2009	13.55	06/08/2009	15.00	Bus fault at Vita.
Vita - Karad II	06/08/2009	13.55	06/08/2009	19.10	Bus fault at Vita.
Vita-Maisal	06/08/2009	13.55	06/08/2009	19.25	Bus fault at Vita.
VITA 220/33 KV 50 MVA T/F II	06/08/2009	13.55	06/08/2009	15.30	Bus fault at Vita.
Vita - Lamboti	06/08/2009	13.55	06/08/2009	19.40	Bus fault at Vita.
VITA 220/33 KV 50 MVA T/F I	06/08/2009	13.55	06/08/2009	15.45	Bus fault at Vita.
Vita - Ghatnandre	06/08/2009	13.55	06/08/2009	19.28	Bus fault at Vita
Vita - Karkambh	06/08/2009	13.55	06/08/2009	14.43	Bus fault at Vita.Line taken in service from Lamboti.
Miraj-Vita	06/08/2009	13.55	06/08/2009	19.25	Bus fault at Vita.
VITA-PANDHARPUR	06/08/2009	13.55	06/08/2009	16.04	Bus fault at Vita.
Voltage Level : 132KV			Outage Type TRIPPED		
Nanded - Narsi	05/08/2009	19.17	05/08/2009	19.22	Tripped on Distance Protection
null					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Jejuri-Jejuri-II	06/08/2009	13.01	06/08/2009	16.15	Taken on T B C.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 06/Aug/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	60
Unit 4	105	75
Unit 5	200	170
Unit 6	210	140
Unit 7	210	0
	1040	515
Bhusawal		
Unit 1	58	45
Unit 2	210	160
Unit 3	210	180
	478	385
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	170
Unit 4	210	0
Unit 5	210	170
Unit 6	250	220
	940	600
Chandrapur		
Unit 1	210	160
Unit 2	210	145
Unit 3	210	200
Unit 4	210	205
Unit 5	500	450
Unit 6	500	425
Unit 7	500	0
	2340	1585
Paras		
Unit 2	55	0
Unit 3	250	230
	305	230
Khaparkheda		
Unit 1	210	205
Unit 2	210	190
Unit 3	210	205
Unit 4	210	0
	840	600
Nasik		
Unit 1	120	0
Unit 2	120	60
Unit 3	210	200
Unit 4	210	180
Unit 5	210	180
	870	620
Uran		
All Units	852	520
	852	520
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	0
VTRNA	60	61
TILLARI	60	60
BHTGR/VEER	21	16
BHIRA T.R.	80	80
RNGR+BHTSA	20	19
BHANDARDRA	45	22
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	258
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	960	885
RGPPPL III	740	
	1700	885
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	100
Trombay 7B	60	0
Trombay 8	250	200
TATA Hydro	444	447
	2024	1747
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2510
	3143	2510