



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

State Load Dispatch Center, Airoli

Daily system Report

for

06/Aug/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 06/Aug/2009 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	108.141	605.492	1) Madhya Pradesh	41.001	258.578
2) Hydro	11.129	109.611	2) Gujrat	20.097	100.637
3) Gas	13.802	78.609	3) Goa	-5.491	-32.667
Total MSGENCO	133.072	793.712	4) TAPS 1&2 (Inj.)	7.320	43.984
B) OTHERS			5) Pench (Excess)	-0.318	-4.209
1) RGPPL Gas	22.506	134.893	# Total Cent. Sector	62.609	366.323
2) Wind Generation	21.505	114.107	F) Other Exchanges		
3) PENCH (MS)	0.318	4.209	1) With TPCL	-4.928	-22.060
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	29.443	173.211	1) MSEDCL Bilateral	2.533	15.210
2) TPCL Hydro	4.252	23.700	Include PX	0.185	1.766
TOTAL TPCL	33.695	196.911	2) MUMBAI Bilateral	6.204	25.083
3) REL Thermal	12.663	75.894	Include PX	2.170	5.989
D) STATE			3) MUMBAI Schedule	6.204	25.083
1) Thermal (A1+C1+C3)	150.247	854.597	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	15.699	137.520	1) MSEDCL	235.082	1391.184
3) Gas (A3+B1)	36.308	213.502	2) TPCL	34.022	194.495
4) Wind (B2)	21.505	114.107	3) REL	17.262	100.362
TOTAL STATE	223.759	1319.726	TOTAL STATE	286.366	1686.041

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4557	4571	4456
MSGENCO Hydro	402	1227	296
MSGENCO Gas	568	628	514
MSGENCO Total Generation	5527	6426	5266
Central Sector Receipt	2928	2634	2466
RGPPL	935	940	941
WIND	1028	883	742
Exchange with TPCL	-523	-311	8
MSEDCL DEMAND MET	9895	10599	9448
Load Shedding	2853	3302	1079
MSEDCL DEMAND (INCL. LS)	12748	13901	10527
TPCL GENERATION	1621	1634	965
REL GENERATION	528	527	528
TPCL+REL DEMAND	2672	2472	1485
STATE DEMAND MET	12567	13071	10933
STATE DEMAND (INCL. LS)	15420	16373	12012
Frequency (Hz)	49.46	49.30	49.51
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3987 MW AT 20.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			63.270 MUS

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
49.87 Hz at 18.02 Hrs	48.79 Hz at 22.12 Hrs	49.36	5.02 % 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 06/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	1.67	9.48	74	60	70
Unit 3	1.52	8.11	70	58	60
Unit 4	2.06	10.67	93	75	75
Unit 5	4.27	23.76	182	173	170
Unit 6	3.68	11.09	167	132	140
Unit 7	0.00	0.00	0	0	0
	13.20	63.11			515
Bhusawal					
Unit 1	1.16	6.74	56	40	45
Unit 2	3.75	16.07	168	144	160
Unit 3	4.34	25.40	185	175	180
	9.25	48.21			385
Parli					
Unit 1	0.58	3.07	26	23	20
Unit 2	0.60	3.30	26	24	20
Unit 3	4.37	24.96	195	172	170
Unit 4	0.00	0.00	0	0	0
Unit 5	4.16	24.70	178	166	170
Unit 6	4.50	9.39	223	113	220
	14.20	65.43			600
Chandrapur					
Unit 1	3.81	22.80	163	150	160
Unit 2	3.49	20.73	148	141	145
Unit 3	4.75	27.88	208	188	200
Unit 4	4.78	27.17	209	185	205
Unit 5	10.45	64.23	461	357	450
Unit 6	9.93	58.55	440	370	425
Unit 7	0.00	0.00	0	0	0
	37.21	221.36			1585
Paras					
Unit 2	0.00	2.82	0	0	0
Unit 3	4.98	22.15	248	0	230
	4.98	24.96			230
Khaparkheda					
Unit 1	4.78	27.70	206	183	205
Unit 2	4.59	26.68	201	183	190
Unit 3	4.67	28.54	209	172	205
Unit 4	0.00	21.93	0	0	0
	14.05	104.85			600
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	1.70	7.90	90	58	60
Unit 3	4.77	26.85	207	181	200
Unit 4	4.52	18.73	200	180	180
Unit 5	4.24	24.10	186	155	180
	15.24	77.57			620
Uran					
All Units	13.80	78.61	635	505	520
	13.80	78.61			520
Koyna					
Stage 1-2	2.76	20.67	380	40	600
Stage 4	5.38	57.38	806	0	250
Koyna 12&4 Total	8.14	78.05			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.74	17.75	240	0	240
	9.89	95.80			1090
Hydro					
KDPH	0.00	0.43	0	0	0
VTRNA	0.00	0.19	0	0	61
TILLARI	0.46	4.04	60	0	60
BHTGR/VEER	0.21	2.34	9	8	16
BHIRA T.R.	0.25	1.86	83	0	80
RNGR+BHTSA	0.32	2.13	14	13	19
BHANDARDRA	0.00	1.67	0	0	22
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.00	1.16	0	0	0
	1.24	13.81			258
PENCH (MS)					
Pench (MS)	0.32	4.21	27	0	0
	0.32	4.21			0
Wind					
MalharPeth	0.86	5.38			
Vankuswadi	2.09	11.40			
ATIT	0.42	2.29			
Kale	0.17	3.02			
Satara	0.83	8.53			
Shirala	0.55	3.07			
K Mahankal	2.09	4.69			
Supa	0.33	2.04			
Vita	2.00	16.92			
Dondaicha	7.68	34.89			
Sakri	1.40	7.05			
Nandurbar	0.78	3.74			
Khadakale	1.55	7.40			
Khaparale	0.76	3.69			
	21.50	114.11			
Dabhol					
RGPP L II	22.51	134.89	944	927	885
RGPP L III	0.00	0.00	0	0	
	22.51	134.89			885
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.00	72.18	505	460	500
Trombay 6	10.22	62.19	510	150	500
Trombay 7A	2.13	12.40	94	83	100
Trombay 7B	0.00	0.00	0	0	0
Trombay 8	5.10	26.43	220	191	200
TATA Hydro	4.25	23.70	349	2	447
	33.70	196.91			1747
REL					
1&2	12.66	75.89	530	525	500
	12.66	75.89			500
Cent Sect					
Share					2510
					2510

MS PG CL	Thermal	108.14	605.49		4535
	Thml+Gas	121.94	684.10		5055
	Hydro	11.13	109.61		1348
	Total	133.07	793.71		6403
State Total		223.76	1319.73		12045

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/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	4483	548	509	5540	940	905	2377	2283	-49	11	9704	1059	10763	1752	12515	49.22
2	4508	416	510	5434	941	835	2350	2393	-49	5	9633	1057	10690	1589	12279	49.32
3	4456	296	514	5266	941	742	2361	2466	-49	8	9448	1079	10527	1485	12012	49.51
4	4489	61	516	5066	940	989	2361	2517	-49	5	9542	1157	10699	1435	12134	49.46
5	4521	330	521	5372	940	868	2361	2446	-49	8	9659	1136	10795	1451	12246	49.38
6	4533	860	581	5974	944	802	2373	2556	-62	-9	10293	1347	11640	1517	13157	49.34
7	4509	303	613	5425	942	717	2369	2473	-62	-4	9580	2895	12475	1657	14132	49.42
8	4585	93	616	5294	938	730	2591	2364	-44	-6	9320	3183	12503	1814	14317	49.47
9	4558	186	608	5352	938	732	2586	2539	-39	11	9572	3079	12651	1998	14649	49.43
10	4548	241	607	5396	936	863	2866	2853	-390	-341	9707	2829	12536	2407	14943	49.46
11	4484	300	604	5388	935	977	2991	2975	-531	-474	9801	2975	12776	2593	15369	49.42
12	4557	402	568	5527	935	1028	3038	2928	-578	-523	9895	2853	12748	2672	15420	49.46
13	4552	225	550	5327	936	1109	2987	2870	-555	-503	9739	2798	12537	2636	15173	49.55
14	4494	160	506	5160	936	943	2917	2798	-484	-436	9401	2784	12185	2556	14741	49.44
15	4503	90	510	5103	929	906	2916	2769	-484	-430	9277	2938	12215	2560	14775	49.23
16	4500	97	505	5102	927	988	2916	2778	-484	-437	9358	2887	12245	2580	14825	49.20
17	4482	72	565	5119	932	881	2916	2753	-484	-438	9247	3129	12376	2564	14940	49.34
18	4564	68	630	5262	933	919	2854	2809	-410	-365	9558	3149	12707	2530	15237	49.40
19	4613	589	635	5837	937	830	2599	3065	-267	-214	10460	2756	13216	2400	15616	49.51
20	4571	1227	628	6426	940	883	2493	2634	-362	-311	10599	3302	13901	2472	16373	49.30
21	4540	1290	625	6455	942	927	2398	2416	-292	-235	10532	3035	13567	2367	15934	49.22
22	4514	946	626	6086	941	1009	2264	2344	-157	-97	10310	2911	13221	2191	15412	49.20
23	4393	1185	625	6203	940	904	2241	2235	-157	-95	10214	1890	12104	2103	14207	49.16
24	4184	1144	630	5958	943	964	2353	2345	-113	-58	10179	1369	11548	1957	13505	49.28
MUs	108.14	11.13	13.80	133.07	22.51	21.45	62.48	62.61	-6.20	-4.93	235.03	57.60	292.62	51.29	343.91	49.36

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 06/Aug/2009

Position as on 6.30 Hrs of 07/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	
Khaparkheda Unit 4	210	05/08/2009	13.40	07/08/2009	00.18	Boiler Tube 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
Uran Unit 6	108	07/08/2009	00.48		Continued.	Internal inspection filter cleaning.	08/08/2009

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Aug/2009

Position as on 6.30 Hrs of 07/Aug/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised 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 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 : 500KV			Outage Type PLANNED OUTAGE		
HVDC Pole I Padgha	06/08/2009	21.57	07/08/2009	06.12	Replacement of Snubber capacitors.
HVDC POLE II - CHDPR	06/08/2009	21.57	07/08/2009	06.12	Replacement of snubber capacitors.
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
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		
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-Maisal	06/08/2009	13.55	06/08/2009	19.25	Bus fault at Vita.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Aug/2009

Position as on 6.30 Hrs of 07/Aug/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
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.
Vita - Karad II	06/08/2009	13.55	06/08/2009	19.10	Bus fault at Vita.
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 07/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	80
Unit 5	200	170
Unit 6	210	170
Unit 7	210	0
	1040	550
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	155
Unit 2	210	145
Unit 3	210	200
Unit 4	210	210
Unit 5	500	380
Unit 6	500	425
Unit 7	500	0
	2340	1515
Paras		
Unit 2	55	0
Unit 3	250	0
	305	0
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	200
Unit 4	210	200
	840	800
Nasik		
Unit 1	120	0
Unit 2	120	80
Unit 3	210	200
Unit 4	210	190
Unit 5	210	180
	870	650
Uran		
All Units	852	460
	852	460
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	0
TILLARI	60	60
BHTGR/VEER	21	9
BHIRA T.R.	80	80
RNGR+BHTSA	20	14
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	163
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		
RGPPL II	960	896
RGPPL III	740	0
	1700	896
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	2548
	3143	2548

	17616	7 of 7	11904
--	--------------	--------	--------------