



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

State Load Dispatch Center, Airoli

Daily system Report

for

23/Aug/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 23/Aug/2009 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	100.611	2401.793	1) Madhya Pradesh	35.346	1032.121
2) Hydro	5.074	423.058	2) Gujrat	24.170	444.985
3) Gas	15.484	332.296	3) Goa	-4.556	-127.768
Total MSGENCO	121.169	3157.147	4) TAPS 1&2 (Inj.)	6.890	165.316
B) OTHERS			5) Pench (Excess)	-1.001	-13.275
1) RGPPL Gas	22.637	513.789	# Total Cent. Sector	60.849	1501.379
2) Wind Generation	4.932	291.110	F) Other Exchanges		
3) PENCH (MS)	1.001	14.249	1) With TPCL	2.196	-68.912
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	30.430	691.490	1) MSEDCL Bilateral	5.602	88.835
2) TPCL Hydro	0.820	93.476	Include PX	0.049	8.620
TOTAL TPCL	31.250	784.966	2) MUMBAI Bilateral	-0.922	87.991
3) REL Thermal	12.678	276.701	Include PX	-1.227	10.997
D) STATE			3) MUMBAI Schedule	-0.922	91.427
1) Thermal (A1+C1+C3)	143.719	3369.984	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	6.895	530.783	1) MSEDCL	212.784	5408.762
3) Gas (A3+B1)	38.121	846.085	2) TPCL	27.197	745.442
4) Wind (B2)	4.932	291.110	3) REL	14.534	385.356
TOTAL STATE	193.667	5037.962	TOTAL STATE	254.515	6539.560

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4280	4189	4047
MSGENCO Hydro	204	787	119
MSGENCO Gas	653	650	659
MSGENCO Total Generation	5137	5626	4825
Central Sector Receipt	2576	2792	2667
RGPPL	942	945	943
WIND	117	251	233
Exchange with TPCL	18	38	49
MSEDCL DEMAND MET	8816	9705	8771
Load Shedding	1354	1802	830
MSEDCL DEMAND (INCL. LS)	10170	11507	9601
TPCL GENERATION	1277	1523	1113
REL GENERATION	529	528	528
TPCL+REL DEMAND	1788	2013	1592
STATE DEMAND MET	10604	11718	10363
STATE DEMAND (INCL. LS)	11958	13520	11193
Frequency (Hz)	49.53	49.25	49.32
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			1994 MW AT 20.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			27.01 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.18 Hz at 15.07 Hrs	48.92 Hz at 20.51 Hrs	49.42	2.12 % 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 23/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	1.60	31.59	74	52	60
Unit 3	1.26	30.70	63	43	50
Unit 4	0.00	35.90	0	0	0
Unit 5	0.72	67.16	162	0	0
Unit 6	3.22	70.52	168	105	130
Unit 7	3.14	20.86	176	92	100
	9.94	256.73			340
Bhusawal					
Unit 1	1.20	25.62	54	46	45
Unit 2	3.61	68.50	167	127	160
Unit 3	4.30	99.69	186	169	185
	9.11	193.80			390
Parli					
Unit 1	0.55	12.05	24	21	20
Unit 2	0.57	12.61	25	23	20
Unit 3	3.95	97.08	183	138	170
Unit 4	0.00	0.00	0	0	0
Unit 5	3.86	95.41	180	135	175
Unit 6	4.78	92.03	232	118	210
	13.72	309.18			595
Chandrapur					
Unit 1	3.75	74.38	166	145	160
Unit 2	2.57	73.44	112	103	165
Unit 3	2.57	97.41	152	94	90
Unit 4	4.57	103.11	200	177	180
Unit 5	7.84	209.23	413	226	400
Unit 6	6.59	207.27	415	170	400
Unit 7	0.00	19.61	0	0	0
	27.90	784.46			1395
Paras					
Unit 2	1.01	15.02	46	37	45
Unit 3	4.87	85.71	217	163	200
	5.88	100.73			245
Khaparkheda					
Unit 1	4.74	98.58	206	187	200
Unit 2	4.59	103.31	198	179	190
Unit 3	5.08	113.42	215	210	210
Unit 4	5.07	106.43	214	203	210
	19.48	421.74			810
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	1.78	35.00	88	56	70
Unit 3	4.29	106.12	206	149	180
Unit 4	4.54	96.68	198	180	180
Unit 5	3.98	97.36	179	131	180
	14.59	335.15			610
Uran					
All Units	15.48	332.30	665	606	630
	15.48	332.30			630
Koyna					
Stage 1-2	1.72	77.22	245	30	600
Stage 4	0.84	231.02	231	0	250
Koyna 12&4 Total	2.56	308.24			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.74	71.00	202	0	240
	3.30	379.24			1090
Hydro					
KDPH		0.43	0	0	0
VTRNA	0.00	0.43	0	0	0
TILLARI	0.46	13.94	60	0	60
BHTGR/VEER	0.29	6.79	12	12	12
BHIRA T.R.	0.32	7.96	80	0	80
RNGR+BHTSA	0.38	5.71	16	16	16
BHANDARDRA	0.00	2.47	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.31	6.10	125	0	0
	1.77	43.82			168
PENCH (MS)					
Pench (MS)	1.00	14.25	54	26	
	1.00	14.25			
Wind					
MalharPeth	0.18	12.68			
Vankuswadi	0.37	27.80			
ATIT	0.05	6.82			
Kale	0.02	8.41			
Satara	0.52	18.50			
Shirala	0.13	8.81			
K Mahankal	0.01	10.14			
Supa	0.02	4.45			
Vita	0.46	42.72			
Dondaicha	2.16	93.73			
Sakri	0.40	18.20			
Nandurbar	0.32	11.07			
Khadakale	0.14	17.32			
Khaparale	0.15	10.47			
	4.93	291.11			
Dabhol					
RGPP L II	22.64	513.79	947	937	890
RGPP L III	0.00	0.00	0	0	
	22.64	513.79			890
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.10	277.75	505	490	500
Trombay 6	10.76	243.64	510	245	500
Trombay 7A	2.31	55.67	100	88	120
Trombay 7B	0.00	0.00	0	0	0
Trombay 8	5.25	114.42	225	182	220
TATA Hydro	0.82	93.48	195	0	447
	31.25	784.97			1787
REL					
1&2	12.68	276.70	530	526	500
	12.68	276.70			500
Cent Sect					
Share					2707
					2707

MS PG CL	Thermal	100.61	2401.79		4385
	Thml+Gas	116.10	2734.09		5015
	Hydro	5.07	423.06		1258
	Total	121.17	3157.15		6273
State Total		193.67	5037.96		12157

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/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	4024	519	655	5198	944	180	2745	2594	-1	49	9018	877	9895	1834	11729	49.15
2	4081	243	657	4981	942	184	2624	2573	55	105	8838	887	9725	1688	11413	49.25
3	4047	119	659	4825	943	233	2713	2667	-1	49	8771	830	9601	1592	11193	49.32
4	4063	68	656	4787	943	299	2747	2685	-1	50	8816	895	9711	1549	11260	49.24
5	4094	108	656	4858	943	273	2470	2429	222	261	8816	902	9718	1523	11241	49.24
6	4233	273	660	5166	945	267	2463	2563	222	262	9256	1049	10305	1603	11908	49.40
7	4291	68	665	5024	944	241	2524	2139	222	269	8670	1543	10213	1595	11808	49.59
8	4368	78	655	5101	946	177	2568	2293	247	285	8856	1277	10133	1603	11736	49.55
9	4418	128	650	5196	945	197	2637	2298	172	212	8875	1393	10268	1674	11942	49.67
10	4378	152	646	5176	942	157	2773	2373	-15	47	8722	1310	10032	1754	11786	49.50
11	4280	204	653	5137	942	117	2762	2576	-26	18	8816	1354	10170	1788	11958	49.53
12	4256	154	654	5064	940	93	2764	2452	-26	12	8588	1374	9962	1812	11774	49.35
13	4243	68	651	4962	937	75	2746	2537	-27	35	8573	1366	9939	1750	11689	49.36
14	4190	63	650	4903	939	102	2744	2545	-11	52	8567	1421	9988	1689	11677	49.35
15	4040	68	639	4747	941	186	2737	2534	12	72	8507	1471	9978	1688	11666	49.26
16	3985	68	648	4701	944	217	2731	2423	12	73	8384	1369	9753	1686	11439	49.72
17	4121	58	613	4792	945	317	2724	2581	26	86	8748	1219	9967	1636	11603	49.76
18	4164	98	612	4874	942	268	2663	2349	1	66	8526	1645	10171	1664	11835	49.52
19	4167	177	637	4981	945	339	2723	2413	10	70	8791	1849	10640	1747	12387	49.81
20	4158	589	648	5395	944	189	2730	2799	-24	20	9401	2072	11473	1986	13459	49.35
21	4189	787	650	5626	945	251	2742	2792	-24	38	9705	1802	11507	2013	13520	49.25
22	4283	614	643	5540	947	179	2743	2712	-24	40	9471	1788	11259	2005	13264	49.24
23	4338	287	621	5246	945	207	2749	2689	-39	23	9164	1693	10857	1976	12833	49.30
24	4200	83	606	4889	944	184	2906	2833	-59	2	8905	1263	10168	1877	12045	49.28
MUs	100.61	5.07	15.48	121.17	22.64	4.93	64.73	60.85	0.92	2.20	212.78	32.65	245.43	41.73	287.16	49.42

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 23/Aug/2009

Position as on 6.30 Hrs of 24/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.	08/09/2009
Nasik Unit 1	125	05/07/2009	6:15		Continued.	Generator Rotor Problem	30/09/2009
Koradi Unit 1	105	24/07/2009	01:20		Continued.	ANNUAL OVERHAUL	03/09/2009
Parli Unit 4	210	25/07/2009	00.58		Continued.	AOH.	31/08/2009
Koyna Unit 11	80	25/07/2009	15.30		Continued.	To attend Stator Earth Fault	31/08/2009
Cent_Sect NTPC(K-5)	500	31/07/2009	23.50		Continued.	Annual Overhaul	30/08/2009
Cent_Sect Kawas ST2C	116	09/08/2009	00:38	23/08/2009	18.56	AOH	
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 5	200	18/08/2009	05.16	23/08/2009	14.32	Boiler Tube Leakage.	
Chandrapur Unit 7	500	22/08/2009	08.35		Continued.	Trip on Flame Failure.	26/08/2009
Koradi Unit 4	115	22/08/2009	12.18		Continued.	Trip on Reverse Power.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 23/Aug/2009

Position as on 6.30 Hrs of 24/Aug/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Dhule-Khandwa I	22/08/2009	07.46		Continued.	Stringing Work.
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
Kolhapur-Mapusa Ckt I	24/08/2009	00.57		Continued.	H/T For O/V.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
TILLARY-PHONDA	21/08/2009	16:35		Continued.	Trip on dist. prot. B ph E.
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		
HVDC AC Tie Breaker Padgha	23/08/2009	12.30	23/08/2009	19.29	Maintaince 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 63MVA T/F I at Lonand	23/07/2009	11.50		Continued.	Errection of New T/F
Karad - Ogalewadi - II	17/08/2009	07.20		Continued.	C.B.Replacement.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	19/08/2009	21.18		Continued.	H/T to load Akola ICT
Wardha--Dhamangaon	19/08/2009	23.42		Continued.	H/T to load Akola ICT
Voltage Level : 220KV			Outage Type TRIPPED		
K'gaon-Lonand	18/08/2009	17.35		Continued.	C.B.Problem , Taken on TBC
Kalwa - Khargar	22/08/2009	12.30	23/08/2009	06.32	Distance Protection.
BBLSR II- BBL SRL CKT. I	23/08/2009	09.22	23/08/2009	09.46	Trip From BBLSR end.
Bablsr 2-Bablsr 1 CKT II	23/08/2009	09.22	23/08/2009	15.47	Trip R-Ph L A Burst.
CHINCHWAD-PARVATI	24/08/2009	05.36		Continued.	Tripped.on Dist.Prot R-ph.
Voltage Level : 132KV			Outage Type TRIPPED		
Chikali - Mehkar	23/08/2009	02.35	23/08/2009	21.12	Tripped on Dist.Prot.Y-Ph CT Burst.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 24/Aug/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	50
Unit 4	105	0
Unit 5	200	130
Unit 6	210	125
Unit 7	210	140
	1040	515
Bhusawal		
Unit 1	58	50
Unit 2	210	160
Unit 3	210	185
	478	395
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	175
Unit 4	210	0
Unit 5	210	150
Unit 6	250	200
	940	565
Chandrapur		
Unit 1	210	160
Unit 2	210	105
Unit 3	210	160
Unit 4	210	200
Unit 5	500	400
Unit 6	500	425
Unit 7	500	0
	2340	1450
Paras		
Unit 2	55	45
Unit 3	250	200
	305	245
Khaparkheda		
Unit 1	210	200
Unit 2	210	190
Unit 3	210	210
Unit 4	210	210
	840	810
Nasik		
Unit 1	120	0
Unit 2	120	85
Unit 3	210	180
Unit 4	210	180
Unit 5	210	175
	870	620
Uran		
All Units	852	600
	852	600
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	12
BHIRA T.R.	80	80
RNGR+BHTSA	20	16
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	168
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		
RGPPPL II	960	890
RGPPPL III	740	
	1700	890
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	0
Trombay 8	250	220
TATA Hydro	444	447
	2024	1787
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2913
	3143	2913

	17616	12548
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