



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

State Load Dispatch Center, Airoli

Daily system Report

for

02/Aug/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 02/Aug/2009 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	97.968	194.492	1) Madhya Pradesh	42.590	85.490
2) Hydro	19.012	40.657	2) Gujrat	14.384	28.163
3) Gas	11.730	24.406	3) Goa	-5.004	-10.283
Total MSGENCO	128.710	259.555	4) TAPS 1&2 (Inj.)	7.344	14.651
B) OTHERS			5) Pench (Excess)	-0.640	-1.567
1) RGPPL Gas	22.503	44.963	# Total Cent. Sector	58.674	116.454
2) Wind Generation	16.787	32.353	F) Other Exchanges		
3) PENCH (MS)	0.640	1.567	1) With TPCL	-0.147	-5.414
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	28.266	56.108	1) MSEDCL Bilateral	2.473	2.753
2) TPCL Hydro	0.898	4.376	Include PX	0.000	0.000
TOTAL TPCL	29.164	60.484	2) MUMBAI Bilateral	0.158	4.757
3) REL Thermal	12.665	25.300	Include PX	0.301	0.959
D) STATE			3) MUMBAI Schedule	0.158	4.757
1) Thermal (A1+C1+C3)	138.899	275.900	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	20.550	46.600	1) MSEDCL	227.167	451.045
3) Gas (A3+B1)	34.233	69.369	2) TPCL	27.023	59.195
4) Wind (B2)	16.787	32.353	3) REL	14.952	32.002
TOTAL STATE	210.469	424.222	TOTAL STATE	269.142	542.242

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3752	4224	4080
MSGENCO Hydro	1073	1551	504
MSGENCO Gas	529	508	418
MSGENCO Total Generation	5354	6283	5002
Central Sector Receipt	2684	2534	2343
RGPPL	938	940	942
WIND	709	681	638
Exchange with TPCL	-41	-55	-15
MSEDCL DEMAND MET	9644	10409	8961
Load Shedding	2353	2592	1125
MSEDCL DEMAND (INCL. LS)	11997	13001	10086
TPCL GENERATION	1309	1363	914
REL GENERATION	527	526	528
TPCL+REL DEMAND	1877	1944	1457
STATE DEMAND MET	11521	12353	10418
STATE DEMAND (INCL. LS)	13874	14945	11543
Frequency (Hz)	49.32	49.43	49.47
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3371 MW At 11.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			59.85 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.01 Hz at 17.59 Hrs	48.92 Hz at 20.10 Hrs	49.41	.93 % 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 02/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	1.38	2.75	70	51	45
Unit 3	1.29	2.35	58	50	45
Unit 4	1.67	3.06	82	56	45
Unit 5	3.86	7.52	170	138	144
Unit 6	1.40	5.48	162	0	144
Unit 7	0.00	0.00	0	0	0
	9.61	21.16			423
Bhusawal					
Unit 1	1.17	2.29	52	42	45
Unit 2	3.75	7.24	162	150	160
Unit 3	4.31	8.21	187	170	170
	9.23	17.74			375
Parli					
Unit 1	0.58	1.00	24	24	20
Unit 2	0.57	0.94	24	24	20
Unit 3	4.02	8.10	180	166	150
Unit 4	0.00	0.00	0	0	0
Unit 5	4.11	8.19	180	158	170
Unit 6	0.00	0.00	0	0	0
	9.28	18.22			360
Chandrapur					
Unit 1	3.84	7.59	165	151	160
Unit 2	3.47	6.95	147	141	145
Unit 3	4.28	8.91	198	131	200
Unit 4	3.64	8.35	198	0	210
Unit 5	10.71	21.13	466	427	440
Unit 6	9.92	19.15	440	384	400
Unit 7	0.00	0.00	0	0	0
	35.86	72.08			1555
Paras					
Unit 2	0.59	1.21	27	21	20
Unit 3	3.43	6.97	153	128	150
	4.02	8.18			170
Khaparkheda					
Unit 1	4.52	8.96	206	157	160
Unit 2	4.42	8.78	192	174	180
Unit 3	4.67	9.41	204	178	190
Unit 4	4.84	9.45	206	190	200
	18.44	36.61			730
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	1.01	2.12	57	25	50
Unit 3	4.80	9.00	210	183	200
Unit 4	1.69	1.69	170	0	0
Unit 5	4.03	7.69	186	152	155
	11.52	20.50			405
Uran					
All Units	11.73	24.41	576	391	400
	11.73	24.41			400
Koyna					
Stage 1-2	3.32	7.65	285	45	600
Stage 4	9.64	21.90	984	0	250
Koyna 12&4 Total	12.97	29.55			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	3.23	6.76	240	0	240
	16.20	36.31			1090
Hydro					
KDPH	0.00	0.43	0	0	36
VTRNA	0.00	0.00	0	0	0
TILLARI	1.30	1.30	60	0	0
BHTGR/VEER	0.56	0.80	24	23	10
BHIRA T.R.	0.26	0.58	82	0	80
RNGR+BHTSA	0.37	0.80	19	5	18
BHANDARDRA	0.04	0.09	22	0	32
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.28	0.35	125	0	0
	2.81	4.34			176
PENCH (MS)					
Pench (MS)	0.64	1.57	53	0	
	0.64	1.57			
Wind					
MalharPeth	0.68	2.19			
Vankuswadi	1.79	3.70			
ATIT	0.33	0.67			
Kale	0.17	0.72			
Satara	0.66	1.72			
Shirala	0.52	0.95			
K Mahankal	2.00	2.28			
Supa	0.29	0.61			
Vita	2.54	4.94			
Dondaicha	4.63	8.97			
Sakri	1.05	2.01			
Nandurbar	0.46	0.95			
Khadakale	1.01	1.76			
Khaparale	0.64	0.87			
	16.79	32.35			
Dabhol					
RGPP L II	22.50	44.96	942	929	890
RGPP L III	0.00	0.00	0	0	
	22.50	44.96			890
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.00	24.00	500	500	500
Trombay 6	10.38	20.44	510	150	500
Trombay 7A	1.82	3.88	90	68	100
Trombay 7B	0.00	0.00	0	0	0
Trombay 8	4.07	7.79	177	161	150
TATA Hydro	0.90	4.38	162	0	447
	29.16	60.48			1697
REL					
1&2	12.66	25.30	529	526	500
	12.66	25.30			500
Cent Sect					
Share					2076
					2076

MS PG CL	Thermal	97.97	194.49		4018
	Thml+Gas	109.70	218.90		4418
	Hydro	19.01	40.66		1266
	Total	128.71	259.56		5684
State Total		210.47	424.22		10847

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/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	4081	1281	402	5764	942	655	2193	2137	-9	-12	9486	1077	10563	1727	12290	49.22
2	4122	954	415	5491	941	606	2170	2220	-9	-11	9294	1076	10370	1621	11991	49.19
3	4124	759	420	5303	942	635	2212	2231	-9	-5	9156	1096	10252	1504	11756	49.41
4	4080	504	418	5002	942	638	2253	2343	-9	-15	8961	1125	10086	1457	11543	49.47
5	4116	715	391	5222	940	645	2253	2393	-9	-11	9240	1100	10340	1423	11763	49.26
6	4108	1061	428	5597	942	641	2223	2277	-25	-24	9483	1320	10803	1505	12308	49.33
7	4093	294	485	4872	939	559	2211	2415	-25	-27	8809	2271	11080	1560	12640	49.45
8	4068	328	485	4881	938	512	2247	2190	140	135	8707	2539	11246	1618	12864	49.29
9	3925	192	489	4606	938	679	2295	2387	94	86	8747	2841	11588	1701	13289	49.38
10	3843	638	493	4974	938	571	2393	2725	9	9	9217	2523	11740	1794	13534	49.55
11	3752	1073	529	5354	938	709	2477	2684	-36	-41	9644	2353	11997	1877	13874	49.32
12	3811	1082	524	5417	935	808	2503	2483	-36	-37	9606	2293	11899	1911	13810	49.31
13	4000	745	530	5275	929	713	2509	2423	-45	-43	9297	2370	11667	1882	13549	49.33
14	4081	450	570	5101	930	711	2516	2644	-45	-45	9341	2273	11614	1837	13451	49.54
15	4100	432	576	5108	931	712	2497	2512	-15	-14	9249	2458	11707	1793	13500	49.47
16	4162	161	533	4856	932	727	2462	2731	28	32	9278	2400	11678	1788	13466	49.66
17	4141	228	526	4895	933	918	2406	2733	53	56	9535	2489	12024	1759	13783	49.55
18	4130	151	513	4794	934	857	2335	2783	71	70	9438	2483	11921	1734	13655	49.78
19	4131	550	510	5191	938	745	2265	2980	21	21	9875	2100	11975	1778	13753	49.66
20	4224	1551	508	6283	940	681	2229	2534	-54	-55	10409	2592	13001	1944	14945	49.43
21	4243	1674	516	6433	940	738	2229	2418	-54	-45	10537	2346	12883	1970	14853	49.33
22	4261	1614	503	6378	941	610	2230	2238	-54	-44	10176	2232	12408	1985	14393	49.25
23	4246	1518	489	6253	940	807	2220	2153	-72	-64	10142	1730	11872	1936	13808	49.27
24	4165	1057	477	5699	940	830	2274	2169	-68	-63	9628	1279	10907	1872	12779	49.34
MUs	98.01	19.01	11.73	128.75	22.50	16.71	55.60	58.80	-0.16	-0.15	227.26	48.37	275.62	41.98	317.60	49.41

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 02/Aug/2009

Position as on 6.30 Hrs of 03/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
Parli Unit 6	250	03/06/2009	06.35		Continued.	Annual Overhaul	05/08/2009
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	
Nasik Unit 4	210	30/07/2009	17:15	02/08/2009	11.40	Boiler Tube Leakage.	02/08/2009
Cent_Sect sipat-5	500	31/07/2009	19.56	02/08/2009	06.05	Boiler Tube Leakage	
Cent_Sect TARAPUR-3	540	01/08/2009	02.28		Continued.	Low Vaccume	03/08/2009
Uran Unit 8	108	01/08/2009	16.06	02/08/2009	10.04	W/Dn.on gas restriction.	
Koyna ST-IV 1	250	02/08/2009	03.20	02/08/2009	12.50	Rewatering control valve problem.	
Chandrapur Unit 4	210	02/08/2009	07.37	02/08/2009	11.49	Generator protection mal-operation.	
Koradi Unit 6	210	02/08/2009	09.23		Continued.	Boiler tube leakage.	04/08/2009
Koyna ST-IV 2	250	02/08/2009	19.15	02/08/2009	20.38	Relay problem.	
Paras Unit 3	250	03/08/2009	01.37	03/08/2009	05.17	Flame failure.	
Paras Unit 3	250	03/08/2009	05.36		Continued.	Load controller Problem.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Aug/2009

Position as on 6.30 Hrs of 03/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 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.
Kolhapur-Mapusa-II	02/08/2009	01.01	02/08/2009	09.28	H/T for O/V.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Khandwa-II	19/06/2009	16:13		Continued.	3 Tower Colloped.
IntraState					
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.
Pophali-KDPH	02/08/2009	10.00	02/08/2009	12.20	Wavetrap work.
Wardha - Yawatmal	02/08/2009	10.00	02/08/2009	17.52	Retrofitting work.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Bableshwar-Nasik-I	03/08/2009	00.06	03/08/2009	02.38	To attend sparking on line.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha--Dhamangaon	24/07/2009	06.26	03/08/2009	02.03	H/T To increase Akola ICT load.
Voltage Level : 400KV			Outage Type TRIPPED		
Lonikand- Koyna Stage IV	02/08/2009	00.52	02/08/2009	06.59	Tripped on Dist.Protection.
Karad-New Koyna II	02/08/2009	01.07	02/08/2009	15.08	Tripped on Dist.Protection.
Parli-Lonikand - II	02/08/2009	03.59	02/08/2009	04.30	Tripped on Dist.Prot.
Lonikand-Karad	03/08/2009	06.01	03/08/2009	06.42	Dist.protection.
Voltage Level : 220KV			Outage Type TRIPPED		
LONIKHAND-BHOSARI	03/08/2009	04.40		Continued.	Dist.Protection.
C'WAD-HINJEWADI	03/08/2009	05.25	03/08/2009	06.06	Tripped on Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 03/Aug/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	60
Unit 3	105	60
Unit 4	105	70
Unit 5	200	160
Unit 6	210	0
Unit 7	210	0
	1040	350
Bhusawal		
Unit 1	58	45
Unit 2	210	160
Unit 3	210	175
	478	380
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	160
Unit 4	210	0
Unit 5	210	170
Unit 6	250	0
	940	370
Chandrapur		
Unit 1	210	160
Unit 2	210	145
Unit 3	210	200
Unit 4	210	200
Unit 5	500	425
Unit 6	500	425
Unit 7	500	0
	2340	1555
Paras		
Unit 2	55	25
Unit 3	250	150
	305	175
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	50
Unit 3	210	190
Unit 4	210	170
Unit 5	210	170
	870	580
Uran		
All Units	852	480
	852	480
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	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	42
BHANDARDRA	45	22
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	204
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	890
RGPPL III	740	0
	1700	890
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	100
Trombay 7B	60	0
Trombay 8	250	150
TATA Hydro	444	447
	2024	1697
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2573
	3143	2573

	17616	11644
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