



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

State Load Dispatch Center, Airoli

Daily system Report

for

04/Aug/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 04/Aug/2009 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	99.091	393.452	1) Madhya Pradesh	45.883	181.073
2) Hydro	20.730	84.243	2) Gujrat	16.320	57.102
3) Gas	13.592	51.267	3) Goa	-5.837	-21.464
Total MSGENCO	133.413	528.962	4) TAPS 1&2 (Inj.)	7.321	29.311
B) OTHERS			5) Pench (Excess)	-0.805	-3.523
1) RGPPL Gas	22.445	89.871	# Total Cent. Sector	62.882	242.499
2) Wind Generation	21.703	69.673	F) Other Exchanges		
3) PENCH (MS)	0.805	3.523	1) With TPCL	-4.704	-15.013
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	29.167	113.964	1) MSEDCL Bilateral	3.292	9.446
2) TPCL Hydro	5.767	14.892	Include PX	0.312	1.087
TOTAL TPCL	34.934	128.856	2) MUMBAI Bilateral	5.884	15.337
3) REL Thermal	12.636	50.565	Include PX	1.382	3.699
D) STATE			3) MUMBAI Schedule	5.884	15.337
1) Thermal (A1+C1+C3)	140.894	557.981	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	27.302	102.658	1) MSEDCL	236.544	919.515
3) Gas (A3+B1)	36.037	141.138	2) TPCL	34.716	127.614
4) Wind (B2)	21.703	69.673	3) REL	17.556	66.815
TOTAL STATE	225.936	871.450	TOTAL STATE	288.816	1113.944

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4146	4258	4011
MSGENCO Hydro	902	1730	448
MSGENCO Gas	573	614	579
MSGENCO Total Generation	5621	6602	5038
Central Sector Receipt	2984	2550	2319
RGPPL	937	940	937
WIND	921	952	852
Exchange with TPCL	-463	-269	5
MSEDCL DEMAND MET	10027	10801	9204
Load Shedding	2400	2909	1002
MSEDCL DEMAND (INCL. LS)	12427	13710	10206
TPCL GENERATION	1721	1689	958
REL GENERATION	526	524	527
TPCL+REL DEMAND	2710	2482	1480
STATE DEMAND MET	12737	13283	10684
STATE DEMAND (INCL. LS)	15137	16192	11686
Frequency (Hz)	49.13	49.20	49.35
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3394 MW At 20.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			63.98 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
49.73 Hz at 13.02 Hrs	48.69 Hz at 22.04 Hrs	49.22	15.27 % 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 04/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	6.09	76	60	65
Unit 3	1.36	5.14	65	49	60
Unit 4	1.81	6.61	86	70	70
Unit 5	4.00	15.40	173	154	160
Unit 6	0.00	5.48	0	0	0
Unit 7	0.00	0.00	0	0	0
	8.84	38.72			355
Bhusawal					
Unit 1	1.05	4.36	52	36	45
Unit 2	0.00	10.91	0	0	0
Unit 3	4.14	16.74	186	140	175
	5.19	32.00			220
Parli					
Unit 1	0.52	2.09	25	0	20
Unit 2	0.58	2.12	26	23	20
Unit 3	4.14	16.33	180	166	160
Unit 4	0.00	0.00	0	0	0
Unit 5	4.19	16.38	180	166	170
Unit 6	1.08	1.08	103	0	0
	10.52	38.00			370
Chandrapur					
Unit 1	3.81	15.26	164	154	160
Unit 2	3.42	13.80	144	140	145
Unit 3	4.82	18.40	205	194	200
Unit 4	4.56	17.54	204	173	175
Unit 5	10.84	42.84	479	428	450
Unit 6	9.46	38.59	430	295	400
Unit 7	0.00	0.00	0	0	0
	36.91	146.42			1530
Paras					
Unit 2	0.64	2.52	28	26	25
Unit 3	4.04	13.66	204	147	150
	4.69	16.18			175
Khaparkheda					
Unit 1	4.65	18.20	204	177	200
Unit 2	4.39	17.62	192	167	200
Unit 3	5.08	19.47	213	210	200
Unit 4	4.90	19.13	211	200	200
	19.01	74.42			800
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	1.30	4.75	63	46	50
Unit 3	4.29	17.50	199	162	180
Unit 4	4.23	9.82	193	152	180
Unit 5	4.11	15.63	190	153	170
	13.93	47.70			580
Uran					
All Units	13.59	51.27	627	475	550
	13.59	51.27			550
Koyna					
Stage 1-2	3.74	15.74	355	50	600
Stage 4	10.95	45.10	1071	0	250
Koyna 12&4 Total	14.69	60.85			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	3.41	13.70	240	0	240
	18.10	74.54			1090
Hydro					
KDPH	0.00	0.43	0	0	0
VTRNA	0.00	0.00	0	0	0
TILLARI	0.77	2.86	60	0	60
BHTGR/VEER	0.37	1.74	16	15	24
BHIRA T.R.	0.37	1.22	82	0	80
RNGR+BHTSA	0.28	1.35	19	4	19
BHANDARDRA	0.52	1.14	22	21	22
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.32	0.96	120	0	0
	2.63	9.70			205
PENCH (MS)					
Pench (MS)	0.80	3.52	54	24	
	0.80	3.52			
Wind					
MalharPeth	0.88	3.63			
Vankuswadi	2.07	7.21			
ATIT	0.45	1.46			
Kale	0.19	2.63			
Satara	2.60	4.86			
Shirala	0.57	1.91			
K Mahankal	0.13	2.50			
Supa	0.46	1.34			
Vita	3.73	11.68			
Dondaicha	6.61	19.96			
Sakri	1.32	4.24			
Nandurbar	0.66	2.13			
Khadakale	1.30	4.04			
Khaparale	0.74	2.07			
	21.70	69.67			
Dabhol					
RGPP L II	22.44	89.87	940	918	881
RGPP L III	0.00	0.00	0	0	
	22.44	89.87			881
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	48.12	505	505	500
Trombay 6	10.46	41.14	510	150	500
Trombay 7A	1.98	8.03	100	73	120
Trombay 7B	0.00	0.00	0	0	0
Trombay 8	4.60	16.67	204	150	170
TATA Hydro	5.77	14.89	431	2	447
	34.93	128.86			1737
REL					
1&2	12.64	50.56	529	523	500
	12.64	50.56			500
Cent Sect					
Share					2550
					2550

MS PG CL	Thermal	99.09	393.45		4030
	Thml+Gas	112.68	444.72		4580
	Hydro	20.73	84.24		1295
	Total	133.41	528.96		5875
State Total		225.94	871.45		11543

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/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	4038	981	475	5494	937	995	2309	2416	-52	5	9901	912	10813	1782	12595	49.32
2	4052	650	522	5224	937	920	2309	2477	-52	6	9617	912	10529	1601	12130	49.32
3	4045	500	578	5123	937	920	2345	2508	-52	7	9548	934	10482	1530	12012	49.44
4	4011	448	579	5038	937	852	2346	2319	-52	5	9204	1002	10206	1480	11686	49.35
5	4041	668	579	5288	937	696	2350	2478	-52	2	9454	1057	10511	1484	11995	49.33
6	4099	1227	576	5902	937	708	2327	2280	-65	-8	9872	1294	11166	1595	12761	49.18
7	4148	781	608	5537	937	686	2332	2355	-65	-11	9539	2374	11913	1691	13604	49.26
8	4161	492	618	5271	937	729	2580	2566	-65	-15	9515	2564	12079	1848	13927	49.18
9	4111	196	627	4934	937	867	2550	2536	-36	18	9319	2821	12140	2102	14242	49.40
10	4112	666	618	5396	937	851	2869	2821	-393	-344	9688	2658	12346	2440	14786	49.22
11	4137	657	616	5410	937	949	2966	2885	-498	-462	9746	2543	12289	2673	14962	49.21
12	4146	902	573	5621	937	921	2978	2984	-522	-463	10027	2400	12427	2710	15137	49.13
13	4087	836	544	5467	935	935	2973	3012	-522	-481	9895	2462	12357	2702	15059	49.29
14	4079	746	545	5370	929	944	2888	2869	-409	-374	9765	2516	12281	2570	14851	49.28
15	4118	613	504	5235	918	1019	2906	2789	-428	-389	9599	2722	12321	2595	14916	48.98
16	4140	310	504	4954	927	972	2938	2880	-428	-392	9368	2621	11989	2611	14600	49.12
17	4139	450	545	5134	927	1035	2917	2907	-406	-360	9670	2794	12464	2584	15048	49.16
18	4190	621	540	5351	935	836	2887	2869	-370	-335	9683	2798	12481	2524	15005	49.26
19	4208	1162	574	5944	939	953	2820	2768	-326	-278	10352	2418	12770	2462	15232	49.26
20	4258	1730	614	6602	940	952	2545	2550	-307	-269	10801	2909	13710	2482	16192	49.20
21	4293	1601	610	6504	937	914	2549	2524	-307	-253	10652	2646	13298	2391	15689	49.01
22	4249	1625	608	6482	935	1056	2410	2219	-171	-116	10600	2529	13129	2234	15363	48.89
23	4126	1632	532	6290	939	988	2391	2363	-190	-131	10475	1844	12319	2147	14466	49.11
24	4105	1236	503	5844	940	1003	2445	2505	-118	-66	10252	1324	11576	2036	13612	49.26
MUs	99.09	20.73	13.59	133.42	22.44	21.70	62.93	62.88	-5.88	-4.70	236.54	51.05	287.60	52.27	339.87	49.22

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 04/Aug/2009

Position as on 6.30 Hrs of 05/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	04/08/2009	05.04	Annual Overhaul	
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	
Cent_Sect TARAPUR-3	540	01/08/2009	02.28	04/08/2009	14.55	Low Vaccum	
Koradi Unit 6	210	02/08/2009	09.23		Continued.	Boiler tube leakage.	04/08/2009
Bhusawal Unit 2	210	03/08/2009	23.14		Continued.	Economiser Tube leakage	06/08/2009
Uran Unit 8	108	04/08/2009	00.05	04/08/2009	00.53	B2 Boiler prot.tripped	
Parli Unit 1	30	04/08/2009	22.08		Continued.	Low Drum Level.	
Paras Unit 3	250	05/08/2009	03.42	05/08/2009	06.26	Falme Failure.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Aug/2009

Position as on 6.30 Hrs of 05/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 : 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
Kalwa-Mulund II	04/08/2009	09.39	04/08/2009	19.32	Testing Work.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Lonikand- Koyna Stage IV	04/08/2009	09.01	04/08/2009	17.48	Insulator String Replacement at Loc.No.162.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/100 KV,200 MVA ICT-I @ Apta	04/08/2009	13.13	04/08/2009	15.35	B Ph C.T.Oil Leakage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha--Dhamangaon	03/08/2009	09.52		Continued.	Ckt H/T at D'gaon end to control Load Akola ICT

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 05/Aug/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	
Unit 2	105	
Unit 3	105	
Unit 4	105	
Unit 5	200	
Unit 6	210	
Unit 7	210	
	1040	
Bhusawal		
Unit 1	58	
Unit 2	210	
Unit 3	210	
	478	
Parli		
Unit 1	30	
Unit 2	30	
Unit 3	210	
Unit 4	210	
Unit 5	210	
Unit 6	250	
	940	
Chandrapur		
Unit 1	210	
Unit 2	210	
Unit 3	210	
Unit 4	210	
Unit 5	500	
Unit 6	500	
Unit 7	500	
	2340	
Paras		
Unit 2	55	
Unit 3	250	
	305	
Khaparkheda		
Unit 1	210	
Unit 2	210	
Unit 3	210	
Unit 4	210	
	840	
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	
Unit 4	210	
Unit 5	210	
	870	
Uran		
All Units	852	
	852	
Koyna		
Stage 1-2	600	
Stage 4	1000	
Stage 3	320	
	1920	
Hydro		

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