



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

State Load Dispatch Center, Airoli

Daily system Report

for

24/Aug/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 24/Aug/2009 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	107.239	2509.032	1) Madhya Pradesh	37.485	1069.606
2) Hydro	3.423	426.481	2) Gujrat	26.131	471.116
3) Gas	15.249	347.545	3) Goa	-4.388	-132.156
Total MSGENCO	125.911	3283.058	4) TAPS 1&2 (Inj.)	7.112	172.428
B) OTHERS			5) Pench (Excess)	-1.189	-14.464
1) RGPPL Gas	22.672	536.461	# Total Cent. Sector	65.151	1566.530
2) Wind Generation	7.066	298.176	F) Other Exchanges		
3) PENCH (MS)	1.189	15.438	1) With TPCL	-3.257	-72.169
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	30.655	722.145	1) MSEDCL Bilateral	5.311	94.146
2) TPCL Hydro	2.807	96.283	Include PX	0.040	8.661
TOTAL TPCL	33.462	818.428	2) MUMBAI Bilateral	4.583	92.574
3) REL Thermal	12.671	289.372	Include PX	-0.625	10.371
D) STATE			3) MUMBAI Schedule	4.583	96.010
1) Thermal (A1+C1+C3)	150.565	3520.549	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	7.419	538.202	1) MSEDCL	218.732	5627.494
3) Gas (A3+B1)	37.921	884.006	2) TPCL	32.859	778.301
4) Wind (B2)	7.066	298.176	3) REL	16.529	401.885
TOTAL STATE	202.971	5240.933	TOTAL STATE	268.120	6807.680

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4571	4627	4225
MSGENCO Hydro	217	460	54
MSGENCO Gas	636	638	620
MSGENCO Total Generation	5424	5725	4899
Central Sector Receipt	3173	2837	2138
RGPPL	943	946	948
WIND	172	535	227
Exchange with TPCL	-376	-137	77
MSEDCL DEMAND MET	9363	9959	8341
Load Shedding	801	2147	833
MSEDCL DEMAND (INCL. LS)	10164	12106	9174
TPCL GENERATION	1601	1665	1033
REL GENERATION	527	526	528
TPCL+REL DEMAND	2504	2328	1484
STATE DEMAND MET	11867	12287	9825
STATE DEMAND (INCL. LS)	12668	14434	10658
Frequency (Hz)	49.31	49.06	49.59
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			1681 MW at 20.00Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			20.89 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.04 Hz at 08.17 Hrs	48.74 Hz at 19.10 Hrs	49.28	15.57 % 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 24/Aug/2009

Generating unit	Generation				OLC (MW)	Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)			Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi						Stage 3	0.68	71.67	194	0	240
Unit 1	0.00	0.00	0	0	0		2.08	381.32			1090
Unit 2	1.58	33.17	74	59	70	Hydro					
Unit 3	1.00	31.71	50	37	50	KDPH	0.00	0.43	0	0	0
Unit 4	0.00	35.90	0	0	0	VTRNA	0.00	0.43	0	0	60
Unit 5	3.26	70.42	158	120	130	TILLARI	0.46	14.40	60	0	60
Unit 6	2.93	73.45	150	70	125	BHTGR/VEER	0.15	6.94	7	6	12
Unit 7	3.16	24.02	155	95	140	BHIRA T.R.	0.30	8.26	82	0	80
	11.95	268.68			515	RNGR+BHTSA	0.30	6.00	18	3	16
Bhusawal						BHANDARDRA	0.00	2.47	0	0	22
Unit 1	1.09	26.71	56	33	50	ELDARY	0.00	0.00	0	0	0
Unit 2	3.69	72.19	160	140	160	PAITHAN	0.05	0.05	10	0	0
Unit 3	4.30	103.99	190	170	185	GHATGHAR	0.08	6.18	60	0	0
	9.08	202.89			395		1.34	45.16			250
Parli						PENCH (MS)					
Unit 1	0.54	12.59	24	20	20	Pench (MS)	1.19	15.44	53	26	
Unit 2	0.57	13.18	25	21	20		1.19	15.44			
Unit 3	3.84	100.92	186	135	175	Wind					
Unit 4	0.00	0.00	0	0	0	MalharPeth	0.28	12.96			
Unit 5	3.78	99.19	172	146	150	Vankuswadi	0.62	28.42			
Unit 6	4.18	96.21	206	127	200	ATIT	0.14	6.96			
	12.90	322.08			565	Kale	0.04	8.45			
Chandrapur						Satara	0.97	19.46			
Unit 1	3.87	78.25	168	145	160	Shirala	0.18	8.98			
Unit 2	2.37	75.81	109	87	105	K Mahankal	0.03	10.17			
Unit 3	3.58	100.98	188	102	160	Supa	0.03	4.48			
Unit 4	4.27	107.38	202	132	200	Vita	0.87	43.59			
Unit 5	9.11	218.35	455	320	400	Dondaicha	2.67	96.41			
Unit 6	8.16	215.43	420	220	425	Sakri	0.43	18.62			
Unit 7	0.98	20.59	125	0	0	Nandurbar	0.37	11.45			
	32.34	816.80			1450	Khadakale	0.25	17.56			
Paras						Khaparale	0.18	10.65			
Unit 2	0.98	16.00	45	36	45		7.07	298.18			
Unit 3	5.18	90.89	233	203	200	Dabhol					
	6.17	106.89			245	RGPP L II	22.67	536.46	948	941	890
Khaparkheda						RGPP L III	0.00	0.00	0	0	
Unit 1	4.82	103.40	203	195	200		22.67	536.46			890
Unit 2	4.64	107.96	199	185	190	Tata					
Unit 3	5.07	118.49	216	207	210	Trombay 4	0.00	0.00	0	0	0
Unit 4	5.03	111.46	214	202	210	Trombay 5	12.12	289.87	505	505	500
	19.57	441.32			810	Trombay 6	11.18	254.82	510	220	500
Nasik						Trombay 7A	2.12	57.80	90	87	120
Unit 1	0.00	0.00	0	0	0	Trombay 7B	0.00	0.00	0	0	0
Unit 2	1.99	36.99	94	61	85	Trombay 8	5.24	119.66	227	189	220
Unit 3	4.46	110.58	207	144	180	TATA Hydro	2.81	96.28	335	0	447
Unit 4	4.59	101.26	209	180	180		33.46	818.43			1787
Unit 5	4.20	101.55	184	153	175	REL					
	15.23	350.39			620	1&2	12.67	289.37	531	526	500
Uran							12.67	289.37			500
All Units	15.25	347.54	656	601	600	Cent Sect					
	15.25	347.54			600	Share					2913
Koyna											2913
Stage 1-2	1.32	78.54	145	35	600	MS PG CL					
Stage 4	0.09	231.11	89	0	250	Thermal	107.24	2509.03			4600
Koyna 12&4 Total	1.41	309.65			850	Thml+Gas	122.49	2856.58			5200
						Hydro	3.42	426.48			1340
						Total	125.91	3283.06			6540
						State Total	202.97	5240.93			12630

State Load Dispatch Center, Airoli (MSETCL)

Hourly Load Data As on 24/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	4196	59	614	4869	944	246	2819	2733	18	71	8916	967	9883	1703	11586	49.21
2	4263	49	612	4924	946	230	2751	2221	18	77	8450	963	9413	1567	10980	49.54
3	4225	54	620	4899	948	227	2763	2138	18	77	8341	833	9174	1484	10658	49.59
4	4313	49	608	4970	944	296	2573	2089	142	202	8554	739	9293	1455	10748	49.24
5	4334	59	601	4994	945	257	2484	2332	230	291	8872	706	9578	1421	10999	49.27
6	4535	59	614	5208	944	288	2546	2640	169	227	9360	708	10068	1535	11603	49.22
7	4454	54	645	5153	944	361	2672	2222	111	167	8900	882	9782	1645	11427	49.31
8	4524	68	648	5240	944	370	2751	2511	31	77	9195	882	10077	1764	11841	49.36
9	4598	140	655	5393	944	306	2851	2673	9	57	9399	821	10220	2003	12223	49.62
10	4597	130	638	5365	944	358	3107	2994	-327	-283	9404	810	10214	2315	12529	49.43
11	4571	217	636	5424	943	172	3186	3173	-417	-376	9363	801	10164	2504	12668	49.31
12	4458	205	645	5308	945	116	3254	3104	-484	-447	9079	851	9930	2549	12479	49.39
13	4325	104	639	5068	941	104	3271	3308	-507	-455	9019	1473	10492	2487	12979	49.19
14	4410	73	632	5115	943	155	3169	2998	-417	-361	8903	1502	10405	2366	12771	49.17
15	4384	83	636	5103	944	161	3217	2891	-462	-409	8743	1548	10291	2406	12697	49.21
16	4457	73	638	5168	943	207	3215	2862	-462	-411	8822	1446	10268	2408	12676	49.29
17	4435	64	654	5153	945	265	3216	2948	-462	-413	8951	1438	10389	2389	12778	49.39
18	4477	109	651	5237	944	461	3107	2798	-399	-348	9145	1361	10506	2326	12832	49.22
19	4551	264	631	5446	945	518	3041	2928	-356	-308	9582	1926	11508	2269	13777	49.18
20	4627	460	638	5725	946	535	2938	2837	-199	-137	9959	2147	12106	2328	14434	49.06
21	4699	523	638	5860	946	445	2987	2771	-244	-175	9900	1892	11792	2257	14049	49.04
22	4713	337	645	5695	946	305	2982	2893	-238	-167	9724	1871	11595	2189	13784	49.00
23	4612	141	655	5408	946	320	2916	2605	-199	-130	9202	1711	10913	2065	12978	49.18
24	4483	49	656	5188	948	365	2972	2484	-160	-83	8955	1154	10109	1955	12064	49.28
MUs	107.24	3.42	15.25	125.91	22.67	7.07	70.79	65.15	-4.58	-3.26	218.74	29.43	248.17	49.39	297.56	49.28

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 24/Aug/2009

Position as on 6.30 Hrs of 25/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	25/08/2009	19.32	Annual Overhaul	
Cent_Sect NTPC(V-3)	210	25/08/2009	00.25		Continued.	A/OH	26/09/2009
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	
Chandrapur Unit 7	500	22/08/2009	08.35	24/08/2009	15.04	Trip on Flame Failure.	
Koradi Unit 4	115	22/08/2009	12.18	25/08/2009	19.59	Trip on Reverse Power.	
Parli Unit 5	210	25/08/2009	02.25	25/08/2009	06.20	Boiler Protection Operated.	
Koradi Unit 7	210	25/08/2009	16.32	25/08/2009	19.27	High Furnance Pressure	
Nasik Unit 5	210	25/08/2009	21.45		Continued.	Boiler Tube Leakage	29/08/2009

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Aug/2009

Position as on 6.30 Hrs of 25/Aug/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d 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 : 220KV			Outage Type PLANNED OUTAGE		
Mudshingi-Ponda	25/08/2009	13.25	25/08/2009	14.10	To attend Decapping on Ponda-II
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	24/08/2009	08.53	H/T For O/V.
Kolhapur-Mapusa-II	25/08/2009	00.01	25/08/2009	09.40	H/T For O/V.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
TILLARY-PHONDA	21/08/2009	16:35	24/08/2009	14.08	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.
Voltage Level : 220KV			Outage Type TRIPPED		
TILLARY-PHONDA	24/08/2009	16.07	25/08/2009	16.44	Distance Protection
Nasik-Navsari -II	25/08/2009	11.00	25/08/2009	15.37	Distance Protection
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Koradi - Akola	24/08/2009	10.35	24/08/2009	16.46	To attend reactor oil leakage at Akola end.
HVDC AC Bay-I at Padgha	24/08/2009	11.54	24/08/2009	21.51	Converter Br.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.
200 MVA 220/132 Kv ICT at Kawlewada	24/08/2009	11.04	24/08/2009	17.56	For Testing H.V.& L.V.C.T.S& Relays.
Mudshingi-Wathar	24/08/2009	13.45	24/08/2009	15.50	Q.M.Work
Kandalgaon-Khargar	25/08/2009	09.16	25/08/2009	17.59	Replacement of Jumpers
Miraj-Vita	25/08/2009	09.45	25/08/2009	17.45	Repl.of Disc Insulator
C'pur-Sicom-I	25/08/2009	10.44	25/08/2009	16.38	Bus Bar Prot.Commissioning work
Trombay-Nerul	25/08/2009	10.52	25/08/2009	2225	LILO work at Sonkar S/Stn.
Sonkar - Nerul	25/08/2009	10.52	25/08/2009	22.25	Newly commissioned
Trombay - Sonkar	25/08/2009	10.52	25/08/2009	22.25	Newly Commissioned
Talangade-Mudshingi-II	25/08/2009	10.55	25/08/2009	14.45	Wavetrap work
Butibori - Wardha	25/08/2009	11.22	25/08/2009	16.40	Tree Cutting work
Karad-Pedambe	25/08/2009	14.07	25/08/2009	18.30	Crimping work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
BBLSR-BHUSAWAL	24/08/2009	16.18	24/08/2009	16.51	H/T To control L/L of Koradi-Akola
Koradi - Akola	24/08/2009	16.22	24/08/2009	16.46	H/T for taking reactor in service at Akola.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	19/08/2009	21.18	24/08/2009	10.05	H/T to load Akola ICT

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Aug/2009

Position as on 6.30 Hrs of 25/Aug/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Wardha--Dhamangaon	19/08/2009	23.42		Continued.	H/T to load Akola ICT
Kalwa-Mulund-I	24/08/2009	17.40	24/08/2009	19.02	H/T due to sparking at R-Ph C.C.
Voltage Level : 132KV		Outage Type HAND TRIPPED			
Deepnagar - Malkapur	25/08/2009	14.01	25/08/2009	17.02	To open Aux.Isolator at Deepnagar
Voltage Level : 220KV		Outage Type TRIPPED			
K'gaon-Lonand	18/08/2009	17.35		Continued.	C.B.Problem , Taken on TBC
CHINCHWAD-PARVATI	24/08/2009	05.36	24/08/2009	11.28	Tripped.on Dist.Prot R-ph.
220/132 KV 150 MVA ICT-I @ Akola.	25/08/2009	00.58	25/08/2009	01.27	Over Current,E/F.
220/66KV T/F at SICOM	25/08/2009	18.45		Continued.	Tripped on Diff.prot.
Voltage Level : 132KV		Outage Type TRIPPED			
Pardi- Besa	24/08/2009	17.29	24/08/2009	18.10	Pardi T/F Y-Ph Isolator Insulator Crack.
Pardi-Ambazari	24/08/2009	17.29	24/08/2009	17.49	Pardi Bus Fault.
Uppalwadi-Pardi	24/08/2009	17.29	24/08/2009	18.22	Pardi Bus Fault.
Bhandara - Madgi -I	24/08/2009	20.04	24/08/2009	20.25	Dist.Prot.
132 KV RLY TSS CKT I @ AKOLA.	25/08/2009	00.58	25/08/2009	15.22	Tripped on overcurrent and E/F

State Load Dispatch Center, Airoli (MSETCL)

Details of On Line Capacity for 25/Aug/2009

Generating unit	Derated Capacity (MW)	OLC (MW)	Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi			KDPH	40	0
Unit 1	105	0	VTRNA	60	0
Unit 2	105	70	TILLARI	60	60
Unit 3	105	50	BHTGR/VEER	21	12
Unit 4	105	0	BHIRA T.R.	80	80
Unit 5	200	140	RNGR+BHTSA	20	13
Unit 6	210	130	BHANDARDRA	45	0
Unit 7	210	140	ELDARY	23	0
	1040	530	PAITHAN	12	0
Bhusawal			GHATGHAR	250	0
Unit 1	58	50		611	165
Unit 2	210	160	PENCH (MS)		
Unit 3	210	185	Pench (MS)	53	0
	478	395		53	0
Parli			Wind		
Unit 1	30	20	MalharPeth	0	
Unit 2	30	20	Vankuswadi	0	
Unit 3	210	175	ATIT	0	
Unit 4	210	0	Kale	0	
Unit 5	210	0	Satara	0	
Unit 6	250	200	Shirala	0	
	940	415	K Mahankal	0	
Chandrapur			Supa	0	
Unit 1	210	160	Vita	0	
Unit 2	210	100	Dondaicha	0	
Unit 3	210	100	Sakri	0	
Unit 4	210	195	Nandurbar	0	
Unit 5	500	400	Khadakale	0	
Unit 6	500	425	Khaparale	0	
Unit 7	500	150		0	
	2340	1530	Dabhol		
Paras			RGPPL II	960	890
Unit 2	55	50	RGPPL III	740	0
Unit 3	250	200		1700	890
	305	250	Tata		
Khaparkheda			Trombay 4	150	0
Unit 1	210	200	Trombay 5	500	500
Unit 2	210	190	Trombay 6	500	500
Unit 3	210	210	Trombay 7A	120	120
Unit 4	210	210	Trombay 7B	60	0
	840	810	Trombay 8	250	220
Nasik			TATA Hydro	444	447
Unit 1	120	0		2024	1787
Unit 2	120	80	REL		
Unit 3	210	180	1&2	500	500
Unit 4	210	180		500	500
Unit 5	210	180	Cent Sect		
	870	620	Share	3143	2961
Uran				3143	2961
All Units	852	630			
	852	630			
Koyna					
Stage 1-2	600	600			
Stage 4	1000	250			
Stage 3	320	240			
	1920	1090			
Hydro					