



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

State Load Dispatch Center, Airoli

Daily system Report

for

17/Aug/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 17/Aug/2009 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	106.275	1798.642	1) Madhya Pradesh	54.060	748.253
2) Hydro	22.996	326.793	2) Gujrat	28.995	322.635
3) Gas	15.624	242.068	3) Goa	-6.138	-94.965
Total MSGENCO	144.895	2367.503	4) TAPS 1&2 (Inj.)	7.269	123.927
B) OTHERS			5) Pench (Excess)	-0.373	-7.868
1) RGPPL Gas	22.675	378.120	# Total Cent. Sector	83.813	1091.982
2) Wind Generation	6.694	265.484	F) Other Exchanges		
3) PENCH (MS)	0.373	7.868	1) With TPCL	-3.995	-52.408
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	29.691	506.627	1) MSEDCL Bilateral	6.131	55.516
2) TPCL Hydro	5.451	69.511	Include PX	0.612	7.016
TOTAL TPCL	35.142	576.138	2) MUMBAI Bilateral	4.926	63.171
3) REL Thermal	12.611	200.865	Include PX	0.354	6.646
D) STATE			3) MUMBAI Schedule	4.926	66.607
1) Thermal (A1+C1+C3)	148.577	2506.134	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	28.820	404.172	1) MSEDCL	254.455	4058.549
3) Gas (A3+B1)	38.299	620.188	2) TPCL	34.256	546.393
4) Wind (B2)	6.694	265.484	3) REL	17.492	282.942
TOTAL STATE	222.390	3795.978	TOTAL STATE	306.203	4887.884

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	4394	4589	4383
MSGENCO Hydro	1444	2114	127
MSGENCO Gas	635	635	665
MSGENCO Total Generation	6473	7338	5175
Central Sector Receipt	3593	2963	3557
RGPPL	942	945	946
WIND	247	274	374
Exchange with TPCL	-468	-189	34
MSEDCL DEMAND MET	10787	11384	10086
Load Shedding	2796	3787	1291
MSEDCL DEMAND (INCL. LS)	13583	15171	11377
TPCL GENERATION	1713	1728	968
REL GENERATION	525	521	528
TPCL+REL DEMAND	2706	2438	1462
STATE DEMAND MET	13493	13822	11548
STATE DEMAND (INCL. LS)	16289	17609	12839
Frequency (Hz)	49.36	49.20	49.84
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5488 MW At 20.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			96.29 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.25 Hz at 02.05 Hrs	48.8 Hz at 19.20 Hrs	49.62	.56 % 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 17/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	0.00	25.67	0	0	0
Unit 3	1.44	24.33	68	48	60
Unit 4	1.68	30.31	77	62	75
Unit 5	2.95	65.88	157	64	100
Unit 6	3.03	54.31	152	95	115
Unit 7	3.08	4.33	148	99	120
	12.18	204.83			470
Bhusawal					
Unit 1	1.09	19.73	55	37	50
Unit 2	3.67	55.80	163	146	160
Unit 3	4.48	74.06	197	175	185
	9.24	149.58			395
Parli					
Unit 1	0.47	8.99	21	18	20
Unit 2	0.52	9.45	22	20	20
Unit 3	4.41	72.38	188	176	185
Unit 4	0.00	0.00	0	0	0
Unit 5	4.14	71.06	178	152	175
Unit 6	5.40	63.94	238	213	225
	14.94	225.81			625
Chandrapur					
Unit 1	3.74	53.04	163	150	165
Unit 2	3.15	57.03	136	115	135
Unit 3	4.64	79.26	198	179	200
Unit 4	4.13	78.26	202	132	205
Unit 5	8.97	165.45	442	335	450
Unit 6	9.09	166.18	430	305	425
Unit 7	0.00	0.00	0	0	0
	33.71	599.24			1580
Paras					
Unit 2	0.99	9.58	48	27	40
Unit 3	2.44	58.93	158	59	155
	3.44	68.51			195
Khaparkheda					
Unit 1	4.76	70.23	208	194	200
Unit 2	4.45	76.39	198	157	200
Unit 3	5.10	83.21	214	211	210
Unit 4	4.96	76.54	214	195	210
	19.28	306.37			820
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	24.35	0	0	0
Unit 3	4.60	78.37	202	181	181
Unit 4	4.54	69.24	203	180	189
Unit 5	4.35	72.34	189	168	175
	13.48	244.30			545
Uran					
All Units	15.62	242.07	667	632	650
	15.62	242.07			650
Koyna					
Stage 1-2	3.94	58.06	555	40	600
Stage 4	13.68	181.04	1118	0	250
Koyna 12&4 Total	17.61	239.10			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	3.43	53.83	240	0	240
	21.05	292.93			1090
Hydro					
KDPH	0.00	0.43	0	0	0
VTRNA	0.00	0.43	0	0	0
TILLARI	0.69	11.48	60	0	60
BHTGR/VEER	0.30	5.02	13	12	10
BHIRA T.R.	0.29	5.61	85	0	80
RNGR+BHTSA	0.23	4.62	16	2	15
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	0.44	3.80	120	0	0
	1.95	33.86			165
PENCH (MS)					
Pench (MS)	0.37	7.87	54	0	
	0.37	7.87			
Wind					
MalharPeth	0.34	11.86			
Vankuswadi	0.71	25.84			
ATIT	0.45	6.52			
Kale	0.10	8.31			
Satara	0.43	16.73			
Shirala	0.24	8.15			
K Mahankal	0.01	9.77			
Supa	0.05	4.22			
Vita	0.50	39.17			
Dondaicha	2.46	83.04			
Sakri	0.49	16.32			
Nandurbar	0.27	9.44			
Khadakale	0.20	16.46			
Khaparale	0.43	9.66			
	6.69	265.48			
Dabhol					
RGPP L II	22.68	378.12	950	940	890
RGPP L III	0.00	0.00	0	0	0
	22.68	378.12			890
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	205.18	505	505	500
Trombay 6	10.23	178.72	510	150	500
Trombay 7A	2.04	39.95	89	71	95
Trombay 7B	0.00	0.00	0	0	0
Trombay 8	5.30	82.77	224	216	225
TATA Hydro	5.45	69.51	417	2	447
	35.14	576.14			1767
REL					
1&2	12.61	200.86	528	521	500
	12.61	200.86			500
Cent Sect					
Share					2736
					2736

MS PG CL	Thermal	106.28	1798.64		4630
	Thml+Gas	121.90	2040.71		5280
	Hydro	23.00	326.79		1255
	Total	144.90	2367.50		6535
State Total		222.39	3795.98		12428

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 17/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	4353	532	661	5546	948	517	2586	3385	-17	26	10422	1175	11597	1726	13323	49.87
2	4246	411	665	5322	947	452	2586	3588	-17	30	10339	1175	11514	1582	13096	49.88
3	4337	206	667	5210	947	421	2587	3610	-17	31	10219	1197	11416	1472	12888	49.90
4	4383	127	665	5175	946	374	2587	3557	-17	34	10086	1291	11377	1462	12839	49.84
5	4354	109	666	5129	948	340	2588	3690	-17	34	10141	1347	11488	1481	12969	49.86
6	4354	718	664	5736	947	323	2587	3445	-17	32	10483	1544	12027	1531	13558	49.69
7	4440	612	662	5714	947	275	2589	3137	-16	29	10102	2714	12816	1601	14417	49.60
8	4546	222	663	5431	946	265	2646	3632	-16	28	10302	2956	13258	1726	14984	49.67
9	4522	193	662	5377	945	267	2670	3508	-42	-2	10095	3152	13247	2051	15298	49.68
10	4509	497	660	5666	943	260	2987	3965	-390	-352	10482	2956	13438	2426	15864	49.59
11	4465	971	645	6081	943	220	3032	3832	-438	-400	10676	2873	13549	2619	16168	49.52
12	4394	1444	635	6473	942	247	3094	3593	-509	-468	10787	2796	13583	2706	16289	49.36
13	4422	1664	636	6722	940	250	3075	3526	-486	-452	10986	2893	13879	2674	16553	49.39
14	4445	1007	635	6087	941	175	2950	3668	-391	-360	10511	2906	13417	2577	15994	49.47
15	4414	1125	632	6171	942	234	2953	3560	-429	-407	10500	3104	13604	2644	16248	49.49
16	4420	907	637	5964	940	211	2953	3773	-429	-408	10497	3142	13639	2654	16293	49.72
17	4319	785	637	5741	941	234	2916	3878	-391	-372	10448	3308	13756	2607	16363	49.65
18	4367	824	650	5841	941	262	2764	3769	-338	-318	10522	3299	13821	2545	16366	49.76
19	4392	1470	638	6500	945	219	2666	3409	-214	-190	10919	2975	13894	2413	16307	49.52
20	4589	2114	635	7338	945	274	2678	2963	-214	-189	11384	3787	15171	2438	17609	49.20
21	4647	2084	655	7386	950	235	2687	2873	-196	-147	11350	3453	14803	2385	17188	49.56
22	4558	1909	650	7117	948	209	2637	2911	-109	-61	11178	3058	14236	2270	16506	49.48
23	4492	1665	652	6809	946	241	2651	3206	-135	-86	11169	2233	13402	2153	15555	49.65
24	4365	1400	652	6417	947	189	2681	3336	-81	-27	10916	1538	12454	2005	14459	49.64
MUs	106.33	23.00	15.62	144.95	22.67	6.69	66.15	83.81	-4.93	-4.00	254.51	60.87	315.39	51.75	367.13	49.62

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 17/Aug/2009

Position as on 6.30 Hrs of 18/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
Chandrapur Unit 7	500	16/07/2009	04:53	18/08/2009	05.06	A/OH.	
Cent_Sect NTPC(V-7)	500	18/07/2009	23.27		Continued.	Annual Overhaul.	20/08/2009
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.	25/08/2009
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		Continued.	AOH	24/08/2009
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 2	125	15/08/2009	16.25	18/08/2009	01.00	Boiler Tube Leakage.	
Koradi Unit 2	105	16/08/2009	11.45		Continued.	ESP Problem.	18/08/2009
Chandrapur Unit 7	500	18/08/2009	05.06		Continued.	Furnace Pre.High.	
Koradi Unit 5	200	18/08/2009	05.16		Continued.	Boiler Tube Leakage.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Aug/2009

Position as on 6.30 Hrs of 18/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
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		
Chandrapur-Padaghe Pole - II	07/08/2009	12.16		Continued.	Smoothing Reactor Problem.
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.
Nasik - Ghatghar	03/08/2009	10.36		Continued.	C.B.replacement, Ckt on TBC
Karad - Ogalewadi - II	17/08/2009	07.20		Continued.	C.B.Replacement.
Kolhapur - Peth	17/08/2009	08.25	17/08/2009	17.50	Scriping Work.
Kolhapur-Karad-III	17/08/2009	08.31	17/08/2009	17.58	Jumper Replacement.
Kolhapur-Mumewadi	17/08/2009	10.06	17/08/2009	17.53	Q.M.
Chalisgaon-BSL-I	17/08/2009	12.12	17/08/2009	17.49	Retrofiting Work.Ckt on TBC FOR C.B.Replacement Work.
Voltage Level : 220KV			Outage Type TRIPPED		
Kanhan - Bhandara - I	17/08/2009	07.57	17/08/2009	17.55	Distance Protection.
Kolhapur-Karad-IV	17/08/2009	12.57	17/08/2009	13.14	Distenance Protection.
Kolhapur-Mumewadi	18/08/2009	02.25	18/08/2009	02.58	Distetance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 18/Aug/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	0
Unit 3	105	40
Unit 4	105	60
Unit 5	200	0
Unit 6	210	50
Unit 7	210	50
	1040	200
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	185
Unit 4	210	0
Unit 5	210	175
Unit 6	250	150
	940	550
Chandrapur		
Unit 1	210	160
Unit 2	210	140
Unit 3	210	185
Unit 4	210	180
Unit 5	500	400
Unit 6	500	425
Unit 7	500	0
	2340	1490
Paras		
Unit 2	55	45
Unit 3	250	60
	305	105
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	210
Unit 4	210	210
	840	820
Nasik		
Unit 1	120	0
Unit 2	120	70
Unit 3	210	200
Unit 4	210	180
Unit 5	210	180
	870	630
Uran		
All Units	852	630
	852	630
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	10
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	165
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	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	2797
	3143	2797

	17616	12049
--	--------------	--------------