



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

State Load Dispatch Center, Airoli

Daily system Report

for

30/Aug/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 30/Aug/2009 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	91.024	3084.095	1) Madhya Pradesh	50.265	1306.687
2) Hydro	4.296	457.015	2) Gujrat	26.383	639.849
3) Gas	15.814	441.834	3) Goa	-5.121	-163.387
Total MSGENCO	111.134	3982.944	4) TAPS 1&2 (Inj.)	7.345	216.467
B) OTHERS			5) Pench (Excess)	-0.073	-17.240
1) RGPPL Gas	21.972	671.348	# Total Cent. Sector	78.799	1982.376
2) Wind Generation	10.895	383.676	F) Other Exchanges		
3) PENCH (MS)	0.073	18.214	1) With TPCL	0.276	-91.438
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	29.482	903.766	1) MSEDCL Bilateral	4.259	121.657
2) TPCL Hydro	1.297	117.214	Include PX	0.000	8.610
TOTAL TPCL	30.779	1020.980	2) MUMBAI Bilateral	0.989	118.060
3) REL Thermal	12.660	365.342	Include PX	0.000	11.452
D) STATE			3) MUMBAI Schedule	0.989	121.496
1) Thermal (A1+C1+C3)	133.166	4353.203	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	5.666	592.443	1) MSEDCL	223.149	6947.120
3) Gas (A3+B1)	37.786	1113.182	2) TPCL	28.234	975.457
4) Wind (B2)	10.895	383.676	3) REL	14.932	502.521
TOTAL STATE	187.513	6442.504	TOTAL STATE	266.315	8425.098

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	3665	3697	3967
MSGENCO Hydro	160	462	49
MSGENCO Gas	660	666	660
MSGENCO Total Generation	4485	4825	4676
Central Sector Receipt	3430	3916	2688
RGPPL	937	937	937
WIND	421	571	396
Exchange with TPCL	-15	21	39
MSEDCL DEMAND MET	9258	10273	8736
Load Shedding	1091	1980	0
MSEDCL DEMAND (INCL. LS)	10349	12253	8736
TPCL GENERATION	1369	1548	1035
REL GENERATION	528	527	529
TPCL+REL DEMAND	1912	2054	1525
STATE DEMAND MET	11170	12327	10261
STATE DEMAND (INCL. LS)	12261	14307	10261
Frequency (Hz)	50.03	49.91	49.91
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2600 MW AT 21.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			29.77 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.46 Hz at 13.03 Hrs	49.33 Hz at 00.34 Hrs	49.95	0 % 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 30/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	1.49	41.55	69	56	60
Unit 3	0.00	32.84	0	0	0
Unit 4	0.88	42.40	76	0	75
Unit 5	2.66	87.86	141	74	140
Unit 6	2.94	86.23	147	108	140
Unit 7	0.29	33.67	106	0	0
	8.26	324.55			415
Bhusawal					
Unit 1	0.97	33.08	48	35	45
Unit 2	3.72	92.98	164	142	150
Unit 3	0.00	120.65	0	0	0
	4.69	246.70			195
Parli					
Unit 1	0.53	15.94	24	20	18
Unit 2	0.53	16.56	26	14	18
Unit 3	3.44	121.85	177	100	160
Unit 4	0.00	0.00	0	0	0
Unit 5	3.94	120.96	180	143	160
Unit 6	5.33	126.01	230	210	200
	13.78	401.33			556
Chandrapur					
Unit 1	3.06	98.41	157	0	155
Unit 2	2.80	91.79	123	105	110
Unit 3	2.96	119.08	154	46	150
Unit 4	2.96	131.87	186	45	180
Unit 5	5.01	251.73	393	147	200
Unit 6	4.06	247.67	240	109	200
Unit 7	4.92	50.19	314	138	250
	25.77	990.74			1245
Paras					
Unit 2	1.01	22.00	44	41	40
Unit 3	4.24	117.76	219	144	190
	5.25	139.76			230
Khaparkheda					
Unit 1	4.39	131.08	198	162	200
Unit 2	4.31	134.07	194	158	190
Unit 3	4.95	148.11	214	184	210
Unit 4	4.92	139.74	211	198	200
	18.57	553.00			800
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	1.74	45.71	90	55	75
Unit 3	4.46	137.89	204	158	185
Unit 4	4.40	128.48	196	166	190
Unit 5	4.10	115.94	186	144	175
	14.70	428.01			625
Uran					
All Units	15.81	441.83	670	642	650
	15.81	441.83			650
Koyna					
Stage 1-2	1.41	87.53	230	40	600
Stage 4	0.11	235.67	109	0	250
Koyna 12&4 Total	1.52	323.20			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.10	78.16	210	0	240
	2.62	401.36			1090
Hydro					
KDPH	0.00	0.43	0	0	0
VTRNA	0.00	0.66	0	0	0
TILLARI	0.71	17.51	60	0	60
BHTGR/VEER	0.12	8.42	5	5	7
BHIRA T.R.	0.41	10.71	80	0	40
RNGR+BHTSA	0.10	7.56	4	4	16
BHANDARDRA	0.06	2.82	34	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.36	10	0	10
GHATGHAR	0.22	7.18	125	0	0
	1.68	55.66			133
PENCH (MS)					
Pench (MS)	0.07	18.21	20	0	
	0.07	18.21			
Wind					
MalharPeth	1.11	17.05			
Vankuswadi	1.32	36.62			
ATIT	0.30	8.66			
Kale	0.87	9.89			
Satara	0.62	26.16			
Shirala	0.36	11.15			
K Mahankal	0.08	13.22			
Supa	0.34	5.77			
Vita	2.25	58.67			
Dondaicha	1.42	121.27			
Sakri	0.38	22.97			
Nandurbar	0.11	14.58			
Khadakale	1.42	23.69			
Khaparale	0.32	13.99			
	10.90	383.68			
Dabhol					
RGPP L II	21.97	671.35	937	610	900
RGPP L III	0.00	0.00	0	0	
	21.97	671.35			900
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.11	362.56	505	500	500
Trombay 6	10.40	319.26	510	200	500
Trombay 7A	2.70	71.68	125	97	100
Trombay 7B	0.00	0.00	0	0	0
Trombay 8	4.27	150.26	185	163	220
TATA Hydro	1.30	117.21	282	0	447
	30.78	1020.98			1767
REL					
1&2	12.66	365.34	529	524	500
	12.66	365.34			500
Cent Sect					
Share					2948
					2948

MS PG CL	Thermal	91.02	3084.10		4066
	Thml+Gas	106.84	3525.93		4716
	Hydro	4.30	457.02		1223
	Total	111.13	3982.94		5939
State Total		187.51	6442.50		12054

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 30/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	3849	84	658	4591	937	406	2940	2981	-5	40	8955	545	9500	1782	11282	49.64
2	3854	54	658	4566	937	413	2899	2877	-5	39	8832	0	8832	1669	10501	49.86
3	3944	54	662	4660	937	425	2899	2822	-5	50	8894	0	8894	1581	10475	50.07
4	3967	49	660	4676	937	396	2899	2688	-5	39	8736	0	8736	1525	10261	49.91
5	3977	59	661	4697	937	399	2899	2936	-5	36	9005	0	9005	1502	10507	49.98
6	3965	82	659	4706	937	425	2915	3106	-21	18	9192	0	9192	1571	10763	49.92
7	3987	144	660	4791	937	411	2916	3261	-21	15	9415	0	9415	1575	10990	49.93
8	3999	147	664	4810	937	417	2967	3269	-21	18	9451	7	9458	1674	11132	50.07
9	4016	228	670	4914	937	480	2962	3260	-16	15	9606	604	10210	1708	11918	50.12
10	3821	190	668	4679	937	491	2916	3387	-81	-17	9477	713	10190	1843	12033	50.09
11	3665	160	660	4485	937	421	2789	3430	-66	-15	9258	1091	10349	1912	12261	50.03
12	3669	206	656	4531	937	376	2789	3082	-66	-20	8906	1371	10277	1926	12203	49.85
13	3727	317	656	4700	937	441	2741	2889	-66	-1	8966	1312	10278	1908	12186	49.94
14	3781	118	657	4556	937	526	2741	2947	-66		8966	1268	10234	1836	12070	50.03
15	3685	104	653	4442	937	496	2741	2904	-66	-1	8778	1309	10087	1828	11915	49.85
16	3620	100	664	4384	937	555	2758	3051	-83	-16	8911	1042	9953	1836	11789	50.05
17	3593	92	667	4352	937	658	2758	3235	-72	-7	9175	931	10106	1811	11917	50.09
18	3643	100	663	4406	937	626	2633	3378	-38	22	9369	936	10305	1768	12073	49.96
19	3678	122	664	4464	937	438	2858	3583	-38	24	9446	1549	10995	1872	12867	49.91
20	3697	462	666	4825	937	571	2953	3916	-38	21	10273	1980	12253	2054	14307	49.91
21	3602	519	652	4773	937	432	2954	4125	-38	15	10302	1738	12040	2078	14118	49.85
22	3612	463	650	4725	937	415	2954	3921	-38	16	10034	1732	11766	2055	13821	49.83
23	3784	256	642	4682	748	348	2961	4002	-56	1	9801	1542	11343	1981	13324	49.83
24	3891	186	644	4721	610	329	3070	3750	-76	-16	9404	1196	10600	1868	12468	49.99
MUs	91.03	4.30	15.81	111.14	21.97	10.90	68.91	78.80	-0.99	0.28	223.15	20.87	244.02	43.16	287.18	49.95

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 30/Aug/2009

Position as on 6.30 Hrs of 31/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	25/09/2009
Cent_Sect NTPC(V-3)	210	25/08/2009	00.25		Continued.	A/OH	26/09/2009
Cent_Sect NTPC(K-1)	210	27/08/2009	23.55		Continued.	AOH	28/09/2009
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	
Koradi Unit 3	105	26/08/2009	01.13		Continued.	Generator Rotor E/F	06/09/2009
Koradi Unit 7	210	28/08/2009	12.08	30/08/2009	19.06	boiler tube leakage.	01/09/2009
Bhusawal Unit 3	210	28/08/2009	23.05		Continued.	ID fan problem bonet value leakage.	01/09/2009
Koradi Unit 4	115	30/08/2009	17.53		Continued.	Fire in wind box.	01/09/2009
Chandrapur Unit 1	210	30/08/2009	19.57	30/08/2009	22.33	Drum level high.	
Dabhol 2B	230	30/08/2009	22.24		Continued.	CW Pump problem.	
Dabhol 2X	290	30/08/2009	22.28		Continued.	C W Pump problem.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 30/Aug/2009

Position as on 6.30 Hrs of 31/Aug/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - II	01/07/2009	09.12		Continued.	H/T FOR O/V
Akola - Wardha - I	28/08/2009	00.06		Continued.	H/T for O/V.
Seoni - Wardha	28/08/2009	00.07		Continued.	H/T for O/V.
Kolhapur-Mapusa-II	29/08/2009	23.12	30/08/2009	10.52	H/T For O/V.
DHULE-SAR'SAROVAR-I	30/08/2009	00.33	30/08/2009	11.00	H/T For O/V.
Dhule-Sar'Sarovar II	30/08/2009	02.11	30/08/2009	17.45	H/T For O/V.
Kolhapur-Mapusa Ckt I	30/08/2009	23.46		Continued.	H/T for O/V
DHULE-SAR'SAROVAR-I	31/08/2009	01.05		Continued.	H/T for O/V
IntraState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Karad - Ogalewadi - II	17/08/2009	07.20		Continued.	C.B.Replacement.BREAKER ON TBC AT OGLEWADI.
Kandalgaon-Lonand	26/08/2009	16.04		Continued.	Line on TBC at Lonand end(CB Prob)
220/132,100 MVA ICT-2 @ Malegaon.	27/08/2009	19:07	30/08/2009	21.00	Replacement of EMCO make old ICT by new GCL make ICT.kept on humming.
Nasik TBC	28/08/2009	08.45		Continued.	Breaker replacement.
Boisor-Versova	30/08/2009	09.07	30/08/2009	15.43	R.M.work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Malegaon-Manmad	21/08/2009	13:32		Continued.	ICT -II Problem at 220 Kv Malegaon.
Malegaon- Malegaon-I	27/08/2009	15:55		Continued.	ICT -II on outage at 220Kv Malegaon.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	27/08/2009	09.07		Continued.	CKT H/T to load Akola ICT.
Wardha--Dhamangaon	27/08/2009	18:18		Continued.	H/T to load Akola ICT
Voltage Level : 220KV			Outage Type TRIPPED		
Tifil-Trombay	29/08/2009	23.43	30/08/2009	00.59	Tripped on Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 31/Aug/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	60
Unit 3	105	0
Unit 4	105	0
Unit 5	200	100
Unit 6	210	110
Unit 7	210	130
	1040	400
Bhusawal		
Unit 1	58	45
Unit 2	210	160
Unit 3	210	0
	478	205
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	170
Unit 4	210	0
Unit 5	210	170
Unit 6	250	220
	940	600
Chandrapur		
Unit 1	210	120
Unit 2	210	105
Unit 3	210	160
Unit 4	210	55
Unit 5	500	380
Unit 6	500	250
Unit 7	500	200
	2340	1270
Paras		
Unit 2	55	40
Unit 3	250	170
	305	210
Khaparkheda		
Unit 1	210	180
Unit 2	210	160
Unit 3	210	180
Unit 4	210	210
	840	730
Nasik		
Unit 1	120	0
Unit 2	120	90
Unit 3	210	195
Unit 4	210	190
Unit 5	210	185
	870	660
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	9
BHIRA T.R.	80	80
RNGR+BHTSA	20	0
BHANDARDRA	45	34
ELDARY	23	0
PAITHAN	12	9
GHATGHAR	250	0
	611	192
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	585
RGPPL III	740	0
	1700	585
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	100
Trombay 7B	60	0
Trombay 8	250	220
TATA Hydro	444	447
	2024	1767
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3250
	3143	3250

	17616	12089
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