



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

State Load Dispatch Center, Airoli

Daily system Report

for

16/Oct/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 16/Oct/2009 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	103.326	1839.714	1) Madhya Pradesh	59.449	887.047
2) Hydro	8.710	109.687	2) Gujrat	25.704	261.132
3) Gas	15.060	232.572	3) Goa	-7.033	-110.348
Total MSGENCO	127.096	2181.973	4) TAPS 1&2 (Inj.)	7.210	115.593
B) OTHERS			5) Pench (Excess)	-0.954	-9.554
1) RGPPL Gas	22.247	342.776	# Total Cent. Sector	84.376	1143.870
2) Wind Generation	1.254	98.963	F) Other Exchanges		
3) PENCH (MS)	0.954	9.554	1) With TPCL	-5.590	-141.121
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	33.855	442.206	1) MSEDCL Bilateral	5.202	27.373
2) TPCL Hydro	1.655	26.205	Include PX	0.130	0.130
TOTAL TPCL	35.510	468.411	2) MUMBAI Bilateral	6.503	153.647
3) REL Thermal	12.591	200.620	Include PX	0.000	11.378
D) STATE			3) MUMBAI Schedule	6.503	156.972
1) Thermal (A1+C1+C3)	149.772	2482.540	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	11.319	145.446	1) MSEDCL	230.337	3636.015
3) Gas (A3+B1)	37.307	575.348	2) TPCL	35.551	530.608
4) Wind (B2)	1.254	98.963	3) REL	18.140	279.515
TOTAL STATE	199.652	3302.297	TOTAL STATE	284.028	4446.138

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4220	4323	4341
MSGENCO Hydro	280	747	237
MSGENCO Gas	629	637	624
MSGENCO Total Generation	5129	5707	5202
Central Sector Receipt	3746	4542	3079
RGPPL	929	961	849
WIND	53	32	52
Exchange with TPCL	-510	-515	213
MSEDCL DEMAND MET	9401	10781	9445
Load Shedding	3014	3326	1345
MSEDCL DEMAND (INCL. LS)	12415	14107	10790
TPCL GENERATION	1649	1563	1396
REL GENERATION	526	521	524
TPCL+REL DEMAND	2685	2599	1707
STATE DEMAND MET	12086	13380	11152
STATE DEMAND (INCL. LS)	15100	16706	12497
Frequency (Hz)	49.36	49.83	49.43
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3954 MW AT 20.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			73.94 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.19 Hz at 19.01 Hrs	48.98 Hz at 06.42 Hrs	49.58	.14 % 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 16/Oct/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	19.92	0	0	0
Unit 2	0.00	17.86	0	0	0
Unit 3	1.18	16.99	78	16	30
Unit 4	1.32	10.27	80	39	35
Unit 5	3.35	43.54	172	107	120
Unit 6	3.16	50.03	154	80	140
Unit 7	3.74	54.60	176	143	140
	12.75	213.19			465
Bhusawal					
Unit 1	1.22	16.79	54	42	50
Unit 2	4.24	13.90	190	155	180
Unit 3	4.43	57.87	190	170	190
	9.89	88.55			420
Parli					
Unit 1	0.57	8.17	25	22	20
Unit 2	0.57	7.41	24	22	20
Unit 3	3.53	48.88	163	123	165
Unit 4	4.48	64.94	198	179	185
Unit 5	4.11	62.16	175	155	175
Unit 6	4.71	79.58	219	158	205
	17.97	271.13			770
Chandrapur					
Unit 1	3.84	60.44	168	148	170
Unit 2	3.71	40.68	165	133	150
Unit 3	4.42	67.44	196	170	200
Unit 4	4.72	73.04	207	170	210
Unit 5	9.31	147.76	415	368	425
Unit 6	0.06	120.93	54	0	0
Unit 7	0.00	141.34	0	0	0
	26.06	651.63			1155
Paras					
Unit 2	0.00	4.72	0	0	0
Unit 3	0.00	63.45	0	0	0
	0.00	68.16			0
Khaparkheda					
Unit 1	4.78	69.88	208	184	200
Unit 2	4.57	65.30	198	171	190
Unit 3	4.64	64.65	212	172	210
Unit 4	5.05	74.58	216	202	210
	19.04	274.41			810
Nasik					
Unit 1	2.16	31.70	96	81	76
Unit 2	2.21	27.30	102	86	76
Unit 3	4.41	73.57	200	157	182
Unit 4	4.55	71.12	195	182	177
Unit 5	4.29	68.94	184	174	162
	17.62	272.64			673
Uran					
All Units	15.06	232.57	645	610	600
	15.06	232.57			600
Koyna					
Stage 1-2	3.08	29.05	380	40	600
Stage 4	2.55	32.16	544	0	250
Kovna 12&4 Total	5.62	61.21			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.22	16.31	262	0	320
	6.84	77.52			1170
Hydro					
KDPH	0.00	6.12	0	0	0
VTRNA	0.00	0.12	0	0	0
TILLARI	0.37	7.84	58	0	60
BHTGR/VEER	0.38	3.46	16	16	16
BHIRA T.R.	0.13	2.78	40	0	40
RNGR+BHTSA	0.23	3.12	15	0	3
BHANDARDRA	0.00	4.11	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.87	10	0	10
GHATGHAR	0.69	3.76	125	0	0
	1.86	32.17			129
PENCH (MS)					
Pench (MS)	0.95	9.55	54	26	
	0.95	9.55			
Wind					
MalharPeth	0.08	5.64			
Vankuswadi	0.28	9.92			
ATIT	0.06	3.69			
Kale	0.03	2.31			
Satara	0.12	8.83			
Shirala	0.13	3.99			
K Mahankal	0.02	2.37			
Supa	0.05	2.09			
Vita	0.34	16.80			
Dondaicha	0.00	24.47			
Sakri	0.00	4.45			
Nandurbar	0.02	3.24			
Khadakale	0.13	5.42			
Khaparale	0.01	5.64			
	1.25	98.86			
Dabhol					
RGPP L II	22.25	342.78	963	678	900
RGPP L III	0.00	0.00	0	0	
	22.25	342.78			900
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.00	150.34	500	500	500
Trombay 6	11.40	159.16	510	280	500
Trombay 7A	2.85	43.09	121	114	120
Trombay 7B	1.59	24.44	67	65	60
Trombay 8	6.02	65.16	254	248	210
TATA Hydro	1.66	26.20	222	0	447
	35.51	468.41			1837
REL					
1&2	12.59	200.62	529	521	500
	12.59	200.62			500
Cent Sect					
Share					3542
					3542

MS PG CL	Thermal	103.33	1839.71		4293
	Thml+Gas	118.39	2072.29		4893
	Hydro	8.71	109.69		1299
	Total	127.10	2181.97		6192
State Total		199.65	3302.30		12971

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 16/Oct/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	4328	658	620	5606	678	35	2921	3354	-54	-8	9693	1467	11160	2000	13160	49.34
2	4285	665	619	5569	697	39	2639	2767	84	116	9238	1510	10748	1857	12605	49.34
3	4341	237	624	5202	849	52	2540	3079	178	213	9445	1345	10790	1707	12497	49.43
4	4321	66	625	5012	954	58	2445	3237	272	314	9601	1478	11079	1630	12709	49.58
5	4297	96	635	5028	953	64	2448	3045	272	318	9434	1548	10982	1609	12591	49.49
6	4258	441	628	5327	955	85	2495	3341	225	264	9998	1727	11725	1680	13405	49.49
7	4288	267	632	5187	957	108	2590	2374	131	169	8822	3285	12107	1760	13867	49.40
8	4265	92	639	4996	958	96	2804	2603	148	189	8868	3702	12570	1826	14396	49.65
9	4241	99	633	4973	955	70	2923	2782	30	58	8866	3664	12530	2042	14572	49.44
10	4228	136	633	4997	951	64	3291	3213	-335	-312	8966	3560	12526	2372	14898	49.61
11	4229	208	628	5065	937	57	3524	3576	-558	-536	9152	3174	12326	2618	14944	49.44
12	4220	280	629	5129	929	53	3517	3746	-558	-510	9401	3014	12415	2685	15100	49.36
13	4306	126	619	5051	937	39	3547	3757	-558	-516	9321	2933	12254	2668	14922	49.48
14	4346	181	616	5143	946	33	3498	3671	-558	-517	9303	3011	12314	2564	14878	49.56
15	4337	71	610	5018	953	45	3497	3625	-558	-528	9140	3193	12333	2598	14931	49.69
16	4293	71	610	4974	953	29	3497	3608	-558	-524	9067	3191	12258	2581	14839	49.67
17	4290	138	612	5040	958	47	3550	3741	-558	-528	9285	3009	12294	2543	14837	49.71
18	4283	270	618	5171	958	30	3425	3880	-478	-451	9624	2954	12578	2493	15071	49.65
19	4360	858	631	5849	962	28	3416	4115	-423	-385	10622	3193	13815	2576	16391	49.82
20	4323	747	637	5707	961	32	3547	4542	-531	-515	10781	3326	14107	2599	16706	49.83
21	4349	827	641	5817	961	57	3550	4365	-531	-488	10765	3059	13824	2481	16305	49.78
22	4345	938	645	5928	962	50	3549	4186	-528	-478	10698	3075	13773	2349	16122	49.85
23	4369	885	640	5894	960	46	3566	3865	-548	-489	10326	2315	12641	2264	14905	49.57
24	4424	353	636	5413	963	37	3499	3904	-513	-446	9921	1663	11584	2189	13773	49.79
MUs	103.33	8.71	15.06	127.10	22.25	1.25	76.28	84.38	-6.50	-5.59	230.34	64.40	294.73	53.69	348.42	49.58

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 16/Oct/2009

Position as on 6.30 Hrs of 17/Oct/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
Paras Unit 2	55	11/10/2009	13:29		Continued.	AOH.	05/11/2009
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	
Dabhol 1X	290	14/10/2009	23.18	16/10/2009	01:40	Gas leakage.	
Chandrapur Unit 6	500	14/10/2009	23.45	16/10/2009	22:56	Boiler Tube Leakage.	
Koradi Unit 1	105	15/10/2009	22.18		Continued.	Boiler tube leakage.	22/10/2009
Paras Unit 3	250	15/10/2009	22.45	17/10/2009	17.58	Boiler tube leakage.	
Koradi Unit 2	105	15/10/2009	23:40	17/10/2009	07.25	Fire in wind box.	
Cent_Sect NTPC (V-1)	210	17/10/2009	23.59		Continued.	Boiler tube leakage.	20/10/2009

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/Oct/2009

Position as on 6.30 Hrs of 17/Oct/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		
Nasik-Navsari -II	16/10/2009	09:03	16/10/2009	19:00	Insu. Repl.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - I	04/10/2009	22:03		Continued.	H/T to control O/V.
Dhule-Sar'Sarovar II	05/10/2009	03:50	16/10/2009	17:24	H/T FOR O/V.
Kolhapur-Mapusa Ckt I	15/10/2009	22.53	16/10/2009	09:55	Hand Tripped for Over Voltage.
Kolhapur-Mapusa-II	17/10/2009	00:21		Continued.	H/T to control O/V at Kolhapur.
DHULE-SAR'SAROVAR-I	17/10/2009	08:27	17/10/2009	10:15	H/T for O/V.
Voltage Level : 220KV			Outage Type TRIPPED		
Nasik-Navsari -II	17/10/2009	02:07	17/10/2009	04:31	Dist. Prot., R to E, Z1.
IntraState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
220/100 KV,125 MVA ICT-III at Trombay S/S.	31/08/2009	09.32		Continued.	Replacement of Relay Panels & Control Panels.
220/100KV 125 MVA ICT-I at Kalwa	16/10/2009	07:01	16/10/2009	13:50	ISO Maint.
Kolhapur - Karad - II	16/10/2009	08:15	16/10/2009	17:33	Insu. repl.
Miraj - Tilwani	16/10/2009	08:37	16/10/2009	17:31	Insul. Repl.
Aurangabad - BBLSR	16/10/2009	08:58	16/10/2009	19:01	Stringing work.
Vita - Lamboti	16/10/2009	09:00	16/10/2009	18:30	Insu. Repl.
PEDAMBE-TAMBATI	16/10/2009	09:25	16/10/2009	17:15	Breaker Maint.
Aurangabad - Bhenda	16/10/2009	09:31	16/10/2009	19:27	Stringing work.
220 B.C.at padgha	16/10/2009	09:53	16/10/2009	13:12	Retrofitting work.
Apta-Uran-II	16/10/2009	10:10	16/10/2009	14:28	To attend hot spot.
220/100 KV,ICT-2 at Kolshett.	16/10/2009	11:45	16/10/2009	13:05	To attend hot spot.
220/100 125 MVA ICT - II @ Trombay	17/10/2009	10:12	17/10/2009	12:37	To attend hot spot.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Paras-Malegaon	15/10/2009	06.00	16/10/2009	12:36	Making LILO Arrangment For 132 KV Patur.
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kalwa-Mukund II	16/10/2009	06:46	16/10/2009	16:25	Diversion of Salsette Lines.
Kalwa-Nocil II	16/10/2009	06:56	16/10/2009	16:11	Diversion of Salsette Lines.
Voltage Level : 132KV			Outage Type FORCED OUTAGE		
Paras-Malegaon	17/10/2009	11.43		Continued.	Ckt on TBC due to main breaker Problem.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dabhol - Nagothane - I	16/10/2009	15:09	16/10/2009	19:37	Tree cutting at Loc. 48-49.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Kalwa - Khargar	16/10/2009	15:44	16/10/2009	20:58	Jumper repl.
BBLSR-Chalishaon	17/10/2009	11:04	17/10/2009	20:44	H/T to control Dhule ICT loading.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Pardi-Uppalwadi	01/10/2009	17:14		Continued.	To Control 132kv Ambazari-Mankapur ckt flow.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/Oct/2009

Position as on 6.30 Hrs of 17/Oct/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Voltage Level : 220KV			Outage Type TRIPPED		
K'gaon-Lonand	17/10/2009	13:05	17/10/2009	13:17	Dist.Prot,B to E.
Khaparkheda - Kanhan - II	17/10/2009	14.55	17/10/2009	15.26	Tripped on Dist.Prot.
Voltage Level : 132KV			Outage Type TRIPPED		
132/33 KV 25 MVA T/F - I @ Bhusawal	27/09/2009	17.36		Continued.	Transformer Caught Fire.
Bhusawal - Pachora	16/10/2009	07:02	16/10/2009	08:12	General trip, no indication at BSL.
Pahur - Pachora	16/10/2009	07:20	16/10/2009	08:14	H/T due to O/L of BSL-PAHUR ckt.
Bhusawal - Pachora	16/10/2009	08:55	16/10/2009	16:28	H/T to attend problem, as R-Ph is not showing current.
Pahur - Pachora	16/10/2009	09:52	16/10/2009	16:29	H/T to control BSL-PAHUR ckt loading.
Ambazari - Amravati	17/10/2009	12.35	17/10/2009	22.05	Tripped on Dist. Prot. B PH insulater burst.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 17/Oct/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	0
Unit 3	105	75
Unit 4	105	75
Unit 5	200	180
Unit 6	210	160
Unit 7	210	180
	1040	670
Bhusawal		
Unit 1	58	50
Unit 2	210	180
Unit 3	210	190
	478	420
Parli		
Unit 1	30	25
Unit 2	30	25
Unit 3	210	170
Unit 4	210	200
Unit 5	210	175
Unit 6	250	190
	940	785
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	200
Unit 4	210	210
Unit 5	500	400
Unit 6	500	400
Unit 7	500	0
	2340	1550
Paras		
Unit 2	55	0
Unit 3	250	0
	305	0
Khaparkheda		
Unit 1	210	180
Unit 2	210	190
Unit 3	210	185
Unit 4	210	210
	840	765
Nasik		
Unit 1	120	87
Unit 2	120	87
Unit 3	210	205
Unit 4	210	192
Unit 5	210	177
	870	748
Uran		
All Units	852	620
	852	620
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	0
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	14
BHIRA T.R.	80	40
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	139
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	900
RGPL III	740	0
	1700	900
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	110
Trombay 7B	60	70
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2936
	3143	2936