



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

State Load Dispatch Center, Airoli

Daily system Report

for

18/Oct/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 18/Oct/2009 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	122.022	2076.736	1) Madhya Pradesh	51.701	986.588
2) Hydro	2.795	115.613	2) Gujrat	16.482	300.811
3) Gas	14.909	262.760	3) Goa	-5.424	-121.367
Total MSGENCO	139.726	2455.109	4) TAPS 1&2 (Inj.)	7.236	130.036
B) OTHERS			5) Pench (Excess)	-0.827	-11.132
1) RGPPL Gas	22.430	388.216	# Total Cent. Sector	69.168	1284.936
2) Wind Generation	2.683	103.453	F) Other Exchanges		
3) PENCH (MS)	0.827	11.132	1) With TPCL	-3.056	-140.558
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	26.134	502.436	1) MSEDCL Bilateral	1.796	30.966
2) TPCL Hydro	0.073	28.355	Include PX	0.000	0.130
TOTAL TPCL	26.207	530.791	2) MUMBAI Bilateral	4.038	155.344
3) REL Thermal	12.624	225.853	Include PX	0.000	11.378
D) STATE			3) MUMBAI Schedule	4.038	158.669
1) Thermal (A1+C1+C3)	160.780	2805.025	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	3.695	155.100	1) MSEDCL	231.778	4102.288
3) Gas (A3+B1)	37.339	650.976	2) TPCL	20.696	580.782
4) Wind (B2)	2.683	103.453	3) REL	15.079	310.374
TOTAL STATE	204.497	3714.554	TOTAL STATE	267.553	4993.444

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	4870	5440	4895
MSGENCO Hydro	161	374	54
MSGENCO Gas	604	619	603
MSGENCO Total Generation	5635	6433	5552
Central Sector Receipt	3143	3730	1670
RGPPL	934	933	938
WIND	132	86	113
Exchange with TPCL	-302	-360	288
MSEDCL DEMAND MET	9595	10875	8601
Load Shedding	771	1711	0
MSEDCL DEMAND (INCL. LS)	10366	12586	8601
TPCL GENERATION	842	1236	1343
REL GENERATION	527	524	527
TPCL+REL DEMAND	1671	2120	1582
STATE DEMAND MET	11266	12995	10183
STATE DEMAND (INCL. LS)	12037	14706	10183
Frequency (Hz)	49.83	49.97	49.99
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			1926 MW AT 20.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			19.59 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.45 Hz at 15.06 Hrs	49.3 Hz at 00.49 Hrs	49.89	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 18/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	1.75	20.50	80	65	75
Unit 3	1.83	20.58	84	60	75
Unit 4	1.88	13.91	84	72	75
Unit 5	3.31	50.67	155	110	150
Unit 6	3.22	56.85	160	95	150
Unit 7	3.58	62.16	176	126	175
	15.57	244.60			700
Bhusawal					
Unit 1	1.16	19.10	56	32	50
Unit 2	4.09	22.04	182	159	180
Unit 3	4.30	66.24	191	168	190
	9.55	107.38			420
Parli					
Unit 1	0.58	9.36	25	23	20
Unit 2	0.57	8.55	25	23	20
Unit 3	3.64	56.40	178	130	150
Unit 4	4.55	74.21	200	180	180
Unit 5	4.13	70.44	178	163	165
Unit 6	2.09	86.10	237	0	0
	15.56	305.06			535
Chandrapur					
Unit 1	3.90	68.24	169	143	170
Unit 2	1.00	45.80	169	0	170
Unit 3	4.32	76.22	195	158	200
Unit 4	4.51	82.29	204	158	210
Unit 5	10.03	166.45	452	383	450
Unit 6	9.99	139.85	437	370	400
Unit 7	6.64	147.98	451	0	300
	40.39	726.84			1900
Paras					
Unit 2	0.00	4.72	0	0	0
Unit 3	4.77	69.11	213	185	185
	4.77	73.82			185
Khaparkheda					
Unit 1	4.76	79.14	208	174	200
Unit 2	4.48	74.24	200	145	190
Unit 3	4.69	73.70	212	169	210
Unit 4	4.98	84.36	213	193	210
	18.93	311.44			810
Nasik					
Unit 1	1.96	35.50	93	57	81
Unit 2	2.12	31.59	100	76	81
Unit 3	4.44	82.78	200	172	190
Unit 4	4.57	80.31	204	180	182
Unit 5	4.16	77.43	186	159	171
	17.25	307.61			705
Uran					
All Units	14.91	262.76	653	598	620
	14.91	262.76			620
Koyna					
Stage 1-2	1.11	31.61	115	35	600
Stage 4	0.07	32.62	67	0	250
Kovna 12&4 Total	1.18	64.23			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.20	16.62	106	0	320
	1.38	80.85			1170
Hydro					
KDPH	0.00	6.12	0	0	0
VTRNA	0.00	0.12	0	0	0
TILLARI	0.39	8.60	60	0	60
BHTGR/VEER	0.34	4.18	14	14	15
BHIRA T.R.	0.08	2.94	29	0	40
RNGR+BHTSA	0.29	3.73	15	0	15
BHANDARDRA	0.00	4.11	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.93	10	0	10
GHATGHAR	0.27	4.03	125	0	0
	1.42	34.76			140
PENCH (MS)					
Pench (MS)	0.83	11.13	53	0	
	0.83	11.13			
Wind					
MalharPeth	0.09	5.79			
Vankuswadi	0.28	10.47			
ATIT	0.06	3.78			
Kale	0.01	2.35			
Satara	0.25	9.18			
Shirala	0.10	4.13			
K Mahankal	0.02	2.39			
Supa	0.07	2.21			
Vita	0.45	17.55			
Dondaicha	0.93	25.96			
Sakri	0.15	4.70			
Nandurbar	0.09	3.39			
Khadakale	0.16	5.69			
Khaparale	0.04	5.76			
	2.68	103.35			
Dabhol					
RGPP L II	22.43	388.22	939	930	900
RGPP L III	0.00	0.00	0	0	
	22.43	388.22			900
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.58	172.92	500	330	500
Trombay 6	6.11	176.86	430	150	500
Trombay 7A	2.89	48.87	124	118	110
Trombay 7B	1.59	27.63	67	66	70
Trombay 8	4.96	76.15	254	148	250
TATA Hydro	0.07	28.36	53	0	447
	26.21	530.79			1877
REL					
1&2	12.62	225.85	529	522	500
	12.62	225.85			500
Cent Sect					
Share					2974
					2974

MS PG CL	Thermal	122.02	2076.74		5255
	Thml+Gas	136.93	2339.50		5875
	Hydro	2.80	115.61		1310
	Total	139.73	2455.11		7185
State Total		204.50	3714.55		13436

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	4885	59	642	5586	931	83	2413	2626	-73	-13	9240	0	9240	1913	11153	49.66
2	4877	59	630	5566	930	105	2193	2008	68	139	8776	0	8776	1731	10507	49.76
3	4895	54	603	5552	938	113	2050	1670	209	288	8601	0	8601	1582	10183	49.99
4	4909	59	628	5596	937	135	2050	1806	209	291	8802	0	8802	1554	10356	49.91
5	4773	82	648	5503	936	186	2050	2104	209	290	9056	0	9056	1504	10560	49.92
6	4810	69	645	5524	937	223	2050	2463	209	288	9472	0	9472	1530	11002	49.72
7	4945	74	652	5671	939	189	2059	2730	162	240	9789	0	9789	1580	11369	49.87
8	4998	69	653	5720	935	178	2178	2715	162	230	9788	0	9788	1532	11320	50.00
9	4996	82	633	5711	935	119	2416	3153	-73	-10	9935	4	9939	1579	11518	49.95
10	4875	139	618	5632	935	136	2601	3343	-283	-255	9818	62	9880	1625	11505	49.72
11	4914	146	612	5672	936	131	2847	3199	-327	-301	9690	687	10377	1640	12017	49.86
12	4870	161	604	5635	934	132	2845	3143	-327	-302	9595	771	10366	1671	12037	49.83
13	4934	69	601	5604	935	104	2831	2982	-327	-303	9375	1295	10670	1675	12345	49.91
14	5083	64	600	5747	935	58	2819	2976	-327	-307	9419	1224	10643	1676	12319	50.04
15	5045	74	598	5717	934	44	2817	2818	-327	-309	9204	1266	10470	1682	12152	50.09
16	5133	69	604	5806	933	43	2817	3004	-327	-311	9475	1183	10658	1693	12351	50.08
17	5229	69	606	5904	932	65	2818	2984	-327	-313	9572	1013	10585	1668	12253	49.95
18	5286	134	608	6028	932	66	2850	3071	-359	-346	9801	865	10666	1688	12354	49.75
19	5377	475	613	6465	933	103	2890	3568	-375	-362	10760	1330	12090	1950	14040	49.80
20	5440	374	619	6433	933	86	2965	3730	-375	-360	10875	1711	12586	2120	14706	49.97
21	5506	209	619	6334	932	95	2967	3767	-375	-348	10833	1711	12544	2111	14655	49.89
22	5464	64	625	6153	935	90	2967	3287	-375	-347	10171	1712	11883	2106	13989	50.00
23	5410	68	624	6102	936	92	2876	3255	-390	-364	10074	361	10435	2093	12528	49.81
24	5368	73	624	6065	937	107	2618	2766	-298	-271	9657	0	9657	1984	11641	49.79
MUs	122.02	2.80	14.91	139.73	22.43	2.68	61.99	69.17	-4.04	-3.06	231.78	15.20	246.97	41.89	288.86	49.89

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 18/Oct/2009

Position as on 6.30 Hrs of 19/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	
Chandrapur Unit 7	500	15/10/2009	13.41	18/10/2009	03:46	Boiler tube leakage.	
Koradi Unit 1	105	15/10/2009	22.18		Continued.	Boiler tube leakage.	22/10/2009
Cent_Sect NTPC(V-7)	500	17/10/2009	13.31	19/10/2009	12.20	Boiler tube leakage.	
Parli Unit 6	250	17/10/2009	22:11	18/10/2009	11.31	Boiler Protection.	
Cent_Sect NTPC (V-1)	210	17/10/2009	23.59		Continued.	Boiler tube leakage.	20/10/2009
Chandrapur Unit 2	210	18/10/2009	06.21		Continued.	Boiler Tube Leakage.	21/10/2009
Cent_Sect NTPC(V) 9	500	18/10/2009	22.17		Continued.	Boiler T/L.	21/10/2009

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Oct/2009

Position as on 6.30 Hrs of 19/Oct/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 - I	04/10/2009	22:03		Continued.	H/T to control O/V.
Kolhapur-Mapusa-II	17/10/2009	00:21		Continued.	H/T to control O/V at Kolhapur.
DHULE-SAR'SAROVAR-I	18/10/2009	13.45		Continued.	H/T For O/V.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Sar'Sarovar II	16/10/2009	17:36	18/10/2009	06.40	Bph decapping,at loc.no.95
Voltage Level : 220KV			Outage Type TRIPPED		
Nasik-Navsari -II	19/10/2009	04.37	19/10/2009	05.17	Dist.Protection.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV,600 MVA ICT-II at Kalwa	19/10/2009	12.12	19/10/2009	14.13	To Check CTR Nitrogen Injection in Fire Prot.System Of R-Ph Unit.
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.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Trombay-Kalwa	18/10/2009	11.35	18/10/2009	14.13	To attend Red Hot.
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 : 220KV			Outage Type HAND TRIPPED		
Trombay - Sonkar	17/10/2009	20:58	18/10/2009	11.26	Yphase jumper open at loc.no.735.
BBLSR-Chalishaon	18/10/2009	08.07	18/10/2009	09.53	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.
Voltage Level : 400KV			Outage Type TRIPPED		
80 MVAR Bus Reactor at Kolhapur	16/10/2009	16.04	18/10/2009	14.47	PDR Operated,control cable damaged.
Karad-Kolhapur-II	16/10/2009	18:03	18/10/2009	17.05	Trip on O/V.
Voltage Level : 220KV			Outage Type TRIPPED		
Kalwa-Nasik	18/10/2009	01.24	18/10/2009	04:52	Dist. Prot.
Kanhan - Bhandara - I	18/10/2009	14.44	19/10/2009	09.32	Dist.Protection.
Pedambe-Kharepatan	19/10/2009	12.58	19/10/2009	13.20	Dist.Protection.
Voltage Level : 132KV			Outage Type TRIPPED		
132/33 KV 25 MVA T/F - I @ Bhusawal	27/09/2009	17.36		Continued.	Transformer Caught Fire.
Parbhani-Jintur	18/10/2009	14.48	18/10/2009	15.00	Dist.Protection.
Parli-Gangakhed	19/10/2009	08.42	19/10/2009	08.55	Directional E/F.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 19/Oct/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	50
Unit 4	105	70
Unit 5	200	135
Unit 6	210	140
Unit 7	210	160
	1040	625
Bhusawal		
Unit 1	58	40
Unit 2	210	160
Unit 3	210	160
	478	360
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	160
Unit 4	210	200
Unit 5	210	175
Unit 6	250	210
	940	785
Chandrapur		
Unit 1	210	170
Unit 2	210	0
Unit 3	210	200
Unit 4	210	210
Unit 5	500	450
Unit 6	500	400
Unit 7	500	425
	2340	1855
Paras		
Unit 2	55	0
Unit 3	250	210
	305	210
Khaparkheda		
Unit 1	210	200
Unit 2	210	190
Unit 3	210	210
Unit 4	210	210
	840	810
Nasik		
Unit 1	120	76
Unit 2	120	76
Unit 3	210	182
Unit 4	210	177
Unit 5	210	162
	870	673
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	13
BHIRA T.R.	80	40
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	138
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	
	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	2758
	3143	2758

	17616	13281
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