



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

State Load Dispatch Center, Airoli

Daily system Report

for

27/Oct/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 27/Oct/2009 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	118.691	3092.310	1) Madhya Pradesh	55.021	1500.846
2) Hydro	11.800	229.151	2) Gujrat	30.429	546.351
3) Gas	15.251	395.876	3) Goa	-7.354	-186.565
Total MSGENCO	145.742	3717.337	4) TAPS 1&2 (Inj.)	7.261	195.166
B) OTHERS			5) Pench (Excess)	-1.034	-19.093
1) RGPPL Gas	22.225	590.196	# Total Cent. Sector	84.323	2036.705
2) Wind Generation	3.423	118.405	F) Other Exchanges		
3) PENCH (MS)	1.034	19.868	1) With TPCL	-5.202	-197.070
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	31.277	733.683	1) MSEDCL Bilateral	5.245	70.579
2) TPCL Hydro	2.165	63.996	Include PX	0.522	8.733
TOTAL TPCL	33.442	797.679	2) MUMBAI Bilateral	6.105	220.391
3) REL Thermal	11.844	338.480	Include PX	-0.043	15.483
D) STATE			3) MUMBAI Schedule	6.105	224.286
1) Thermal (A1+C1+C3)	161.812	4164.473	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	14.999	313.015	1) MSEDCL	251.545	6285.441
3) Gas (A3+B1)	37.476	986.072	2) TPCL	33.505	871.962
4) Wind (B2)	3.423	118.405	3) REL	16.982	461.223
TOTAL STATE	217.710	5581.965	TOTAL STATE	302.032	7618.626

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	5108	5073	4524
MSGENCO Hydro	671	1563	41
MSGENCO Gas	613	622	664
MSGENCO Total Generation	6392	7258	5229
Central Sector Receipt	3736	3766	3221
RGPPL	916	925	934
WIND	156	103	233
Exchange with TPCL	-438	-380	143
MSEDCL DEMAND MET	10815	11725	9787
Load Shedding	3397	3435	1564
MSEDCL DEMAND (INCL. LS)	14212	15160	11351
TPCL GENERATION	1594	1887	1098
REL GENERATION	522	255	524
TPCL+REL DEMAND	2554	2522	1479
STATE DEMAND MET	13369	14247	11266
STATE DEMAND (INCL. LS)	16766	17682	12830
Frequency (Hz)	49.38	49.53	49.62
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4147 MW AT 17.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			78.77 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.05 Hz at 21.43 Hrs	48.89 Hz at 09.24 Hrs	49.49	1.42 % of Time

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and Mumbai bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 27/Oct/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.25	28.31	85	0	30
Unit 2	1.62	34.72	77	50	65
Unit 3	1.75	35.86	80	66	70
Unit 4	1.94	30.13	90	69	70
Unit 5	3.23	82.64	158	94	110
Unit 6	3.29	88.82	159	118	120
Unit 7	3.42	96.64	188	90	110
	16.49	397.12			575
Bhusawal					
Unit 1	1.21	27.96	54	44	45
Unit 2	4.21	59.05	183	162	180
Unit 3	4.26	104.76	188	167	190
	9.68	191.77			415
Parli					
Unit 1	0.59	14.60	26	24	20
Unit 2	0.56	13.63	24	21	20
Unit 3	3.90	89.29	172	140	145
Unit 4	4.16	104.41	185	153	175
Unit 5	4.12	107.95	180	163	160
Unit 6	5.42	133.76	235	190	235
	18.75	463.64			755
Chandrapur					
Unit 1	3.81	102.84	169	137	170
Unit 2	3.40	67.77	151	133	150
Unit 3	4.60	112.63	197	177	200
Unit 4	4.78	123.46	204	168	200
Unit 5	6.36	191.73	393	0	400
Unit 6	9.75	220.95	425	375	425
Unit 7	9.53	212.51	427	380	450
	42.23	1031.88			1995
Paras					
Unit 2	0.00	4.72	0	0	0
Unit 3	3.95	99.55	220	0	200
	3.95	104.27			200
Khaparkheda					
Unit 1	4.77	112.46	205	192	200
Unit 2	4.67	115.45	201	184	190
Unit 3	0.00	90.62	0	0	0
Unit 4	4.92	128.47	210	195	210
	14.36	447.00			600
Nasik					
Unit 1	1.85	52.52	89	48	85
Unit 2	2.16	50.38	100	80	90
Unit 3	4.83	125.63	209	192	185
Unit 4	0.00	111.81	0	0	0
Unit 5	4.39	116.27	191	178	175
	13.23	456.62			535
Uran					
All Units	15.25	395.88	667	604	640
	15.25	395.88			640
Koyna					
Stage 1-2	2.24	55.92	250	35	600
Stage 4	6.13	90.64	990	0	250
Koyna 12&4 Total	8.37	146.56			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.69	34.46	300	0	320
	10.06	181.02			1170
Hydro					
KDPH	0.00	6.12	0	0	0
VTRNA	0.00	0.12	0	0	0
TILLARI	0.38	11.91	59	0	60
BHTGR/VEER	0.14	4.42	6	6	0
BHIRA T.R.	0.16	5.19	42	0	40
RNGR+BHTSA	0.28	6.22	15	0	15
BHANDARDRA	0.00	4.11	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	1.42	10	0	10
GHATGHAR	0.72	8.62	125	0	0
	1.74	48.13			125
PENCH (MS)					
Pench (MS)	1.03	19.87	55	10	0
	1.03	19.87			0
Wind					
MalharPeth	0.18	6.55			
Vankuswadi	0.59	12.90			
ATIT	0.23	4.35			
Kale	0.03	2.59			
Satara	0.16	10.31			
Shirala	0.18	4.89			
K Mahankal	0.16	3.14			
Supa	0.13	2.69			
Vita	0.56	21.22			
Dondaicha	0.30	26.96			
Sakri	0.08	5.36			
Nandurbar	0.02	3.51			
Khadakale	0.52	7.37			
Khaparale	0.29	6.47			
	3.42	118.30			
Dabhol					
RGPP L II	22.22	590.20	936	905	900
RGPP L III		0.00	0	0	
	22.22	590.20			900
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.92	231.97	500	450	500
Trombay 6	9.01	258.85	510	160	500
Trombay 7A	2.86	72.55	123	113	100
Trombay 7B	1.48	41.12	66	40	100
Trombay 8	6.01	129.20	253	250	230
TATA Hydro	2.16	64.00	442	0	447
	33.44	797.68			1877
REL					
1&2	11.84	338.48	527	255	500
	11.84	338.48			500
Cent Sect					
Share					3229
					3229

MS PG CL	Thermal	118.69	3092.31		5075
	Thml+Gas	133.94	3488.19		5715
	Hydro	11.80	229.15		1295
	Total	145.74	3717.34		7010
State Total		217.71	5581.96		13516

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 27/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	4535	291	660	5486	934	197	2693	3389	-34	-1	10032	1712	11744	1747	13491	49.54
2	4504	59	662	5225	934	212	2651	3302	10	42	9742	1767	11509	1643	13152	49.55
3	4524	41	664	5229	934	233	2558	3221	104	143	9787	1564	11351	1479	12830	49.62
4	4612	51	667	5330	935	222	2490	2962	174	219	9678	1841	11519	1403	12922	49.60
5	4681	144	662	5487	935	210	2492	2956	174	217	9815	1959	11774	1446	13220	49.39
6	4784	792	664	6240	935	194	2528	2624	141	182	10195	2212	12407	1483	13890	49.22
7	4747	391	665	5803	935	163	2590	2566	80	118	9619	3173	12792	1560	14352	49.22
8	4891	85	666	5642	936	123	2862	2935	10	40	9729	3578	13307	1696	15003	49.34
9	4996	92	640	5728	934	94	3074	3107	-49	-20	9896	3542	13438	1916	15354	49.43
10	5050	266	626	5942	922	91	3451	3415	-357	-325	10098	3765	13863	2276	16139	49.21
11	5060	441	624	6125	923	145	3503	3832	-475	-450	10628	3478	14106	2526	16632	49.35
12	5108	671	613	6392	916	156	3499	3736	-475	-438	10815	3397	14212	2554	16766	49.38
13	5197	579	611	6387	905	129	3501	3836	-475	-428	10882	3417	14299	2567	16866	49.49
14	5211	507	610	6328	911	118	3501	3740	-475	-429	10721	3528	14249	2480	16729	49.57
15	5210	393	604	6207	908	92	3501	3687	-475	-431	10516	3691	14207	2518	16725	49.44
16	5225	403	606	6234	908	108	3492	3856	-475	-430	10729	3719	14448	2530	16978	49.44
17	5038	468	613	6119	917	74	3499	3937	-475	-428	10672	3642	14314	2515	16829	49.56
18	5025	904	612	6541	923	87	3600	3895	-499	-450	11049	3165	14214	2434	16648	49.61
19	5073	1563	622	7258	925	103	3397	3766	-331	-380	11725	3435	15160	2522	17682	49.53
20	5041	1439	632	7112	929	137	3398	3780	-435	-393	11618	3396	15014	2553	17567	49.64
21	5039	1296	637	6972	931	131	3401	3943	-435	-381	11651	3145	14796	2387	17183	49.54
22	5065	661	627	6353	932	126	3400	3949	-433	-382	11018	3185	14203	2224	16427	49.79
23	5026	180	614	5820	930	133	3421	3958	-452	-402	10479	2818	13297	2069	15366	49.60
24	4969	83	650	5702	933	145	3395	3934	-448	-395	10374	1940	12314	1960	14274	49.66
MUs	118.61	11.80	15.25	145.66	22.22	3.42	75.90	84.33	-6.11	-5.20	251.47	71.07	322.54	50.49	373.02	49.49

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 27/Oct/2009

Position as on 6.30 Hrs of 28/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
Cent_Sect NTPC(V-5)	210	21/10/2009	23.57		Continued.	Boiler Overhall	10/11/2009
Khaparkheda Unit 3	210	23/10/2009	23.59		Continued.	Annual Overhaul	19/11/2009
Paras Unit 3	250	27/10/2009	16.16	27/10/2009	19.42	UPS failure.	
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	05/11/2009
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	20/12/2009
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 5	500	20/10/2009	20.25	27/10/2009	02.42	Boiler Tube Leakage.	
Koradi Unit 1	105	25/10/2009	03.22	27/10/2009	05.16	Economiser Tube Leakage	
Nasik Unit 4	210	26/10/2009	02:20		Continued.	Boiler Tube Leakage.	30/10/2009
Cent_Sect NTPC(K-4)	500	26/10/2009	05:45		Continued.	Boiler Tube Leakage.	29/10/2009
REL 1	250	27/10/2009	17.25	27/10/2009	19.18	Coal Mill problem.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Oct/2009

Position as on 6.30 Hrs of 28/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		
WARDHA-AKOLA-II	24/10/2009	16.46		Continued.	H/T due to over voltage
KOLHAPUR-MAPUSA-II	27/10/2009	00.11	27/10/2009	08.48	H/T for O/V.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Sar'Sarovar II	26/10/2009	15.00	27/10/2009	09.20	Dist.Prot.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/132KV,200 MVA ICT-II at Bhusawal	26/10/2009	09.32		Continued.	Overhauling work.
400/220KV,105MVA Spare ICT-II @ Karad.	26/10/2009	10.20		Continued.	Unit Replacement of ICT-II.
400/220kv 315MVA ICT-II at Karad.	26/10/2009	17.16		Continued.	Y-Ph Unit replacement.
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	27/10/2009	19.21	Replacement of Relay Panels & Control Panels.
Bus-Coupler at Kalwa	26/10/2009	09.28		Continued.	C.B.Replacement.
Borivali-Kalwa	27/10/2009	08.42	27/10/2009	16.52	Q.M.Work.
220/22kv 50MVA T/F-I @K'gaon	27/10/2009	09.30	27/10/2009	17.45	Painting work.
Vita - Ghatnandre	27/10/2009	09.35	27/10/2009	17.07	Q.M.Work.
Gadchiroli - Virur	27/10/2009	09.45	27/10/2009	15.30	Replacement of insulator string at various location.
Koradi-Butibori	27/10/2009	10.19	27/10/2009	15.16	Commissioning of 2No.coupling capacitors and testing work.
Main Bus II at Versova	27/10/2009	13.39	27/10/2009	21.19	Isolator work.
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kandalgaon-Roha-II	27/10/2009	08.45	27/10/2009	18.45	E/W and Insulator replacement work.
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		
Wardha-Badnera	27/10/2009	00.35		Continued.	To control Akola ICT load.
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		
Lonikand-Karad	27/10/2009	16.02	27/10/2009	19.50	Breaker Overhauling work line on TBC at Karad since 19.50 Hrs.
Voltage Level : 220KV			Outage Type TRIPPED		
Kolhapur-Mudsingi -II	27/10/2009	18.02	27/10/2009	21.15	Breaker B Ph.pole stuck.
Kolhapur-Mudsingi -I	27/10/2009	18.02	27/10/2009	21.00	Breaker problem at Mudshingi.
Voltage Level : 132KV			Outage Type TRIPPED		
Parbhani-Parthur	27/10/2009	09.55	27/10/2009	10.34	Tripped on back up protection.
null					
Voltage Level : 110KV			Outage Type PLANNED OUTAGE		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Oct/2009

Position as on 6.30 Hrs of 28/Oct/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Miraj-Kavathemahakal	27/10/2009	09.30	27/10/2009	18.15	Stringing work of new Ckt.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 28/Oct/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	75
Unit 2	105	70
Unit 3	105	70
Unit 4	105	75
Unit 5	200	130
Unit 6	210	150
Unit 7	210	130
	1040	700
Bhusawal		
Unit 1	58	50
Unit 2	210	180
Unit 3	210	190
	478	420
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	175
Unit 4	210	185
Unit 5	210	175
Unit 6	250	205
	940	780
Chandrapur		
Unit 1	210	170
Unit 2	210	150
Unit 3	210	200
Unit 4	210	210
Unit 5	500	400
Unit 6	500	425
Unit 7	500	425
	2340	1980
Paras		
Unit 2	55	0
Unit 3	250	190
	305	190
Khaparkheda		
Unit 1	210	200
Unit 2	210	190
Unit 3	210	0
Unit 4	210	210
	840	600
Nasik		
Unit 1	120	81
Unit 2	120	81
Unit 3	210	182
Unit 4	210	0
Unit 5	210	162
	870	506
Uran		
All Units	852	630
	852	630
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	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	13
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	8
GHATGHAR	250	0
	611	121
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		
RGPPPL II	960	900
RGPPPL III	740	
	1700	900
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	40
Trombay 8	250	250
TATA Hydro	444	447
	2024	1857
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3411
	3143	3411