



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

State Load Dispatch Center, Airoli

Daily system Report

for

26/Oct/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 26/Oct/2009 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	109.089	2973.619	1) Madhya Pradesh	51.366	1445.825
2) Hydro	20.665	217.351	2) Gujrat	30.314	515.922
3) Gas	15.318	380.625	3) Goa	-6.911	-179.211
Total MSGENCO	145.072	3571.595	4) TAPS 1&2 (Inj.)	7.243	187.905
B) OTHERS			5) Pench (Excess)	-0.870	-18.059
1) RGPPL Gas	22.193	567.971	# Total Cent. Sector	81.142	1952.382
2) Wind Generation	2.435	114.982	F) Other Exchanges		
3) PENCH (MS)	0.870	18.834	1) With TPCL	-6.069	-191.868
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	27.560	702.406	1) MSEDCL Bilateral	5.110	65.334
2) TPCL Hydro	3.491	61.831	Include PX	1.176	8.211
TOTAL TPCL	31.051	764.237	2) MUMBAI Bilateral	6.915	214.286
3) REL Thermal	12.557	326.636	Include PX	0.000	15.526
D) STATE			3) MUMBAI Schedule	6.915	218.181
1) Thermal (A1+C1+C3)	149.206	4002.661	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	25.026	298.016	1) MSEDCL	245.643	6033.896
3) Gas (A3+B1)	37.511	948.596	2) TPCL	32.801	838.457
4) Wind (B2)	2.435	114.982	3) REL	16.875	444.241
TOTAL STATE	214.178	5364.255	TOTAL STATE	295.319	7316.594

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	4448	4708	4435
MSGENCO Hydro	1474	1792	55
MSGENCO Gas	599	636	658
MSGENCO Total Generation	6521	7136	5148
Central Sector Receipt	3337	3386	3422
RGPPL	910	925	931
WIND	154	68	68
Exchange with TPCL	-541	-394	135
MSEDCL DEMAND MET	10434	11174	9704
Load Shedding	3195	3382	1595
MSEDCL DEMAND (INCL. LS)	13629	14556	11299
TPCL GENERATION	1454	1590	1089
REL GENERATION	519	523	521
TPCL+REL DEMAND	2514	2507	1475
STATE DEMAND MET	12948	13681	11179
STATE DEMAND (INCL. LS)	16143	17063	12774
Frequency (Hz)	49.02	49.40	49.76
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3977 MW AT 17.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			81.10 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.05 Hz at 02:12 Hrs	48.78 Hz at 18:10 Hrs	49.34	12.74 % 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 26/Oct/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	27.07	0	0	0
Unit 2	1.08	33.10	72	0	20
Unit 3	1.77	34.11	83	56	80
Unit 4	1.91	28.20	88	70	70
Unit 5	3.20	79.41	145	115	145
Unit 6	3.30	85.53	160	113	140
Unit 7	3.62	93.22	183	87	160
	14.89	380.63			615
Bhusawal					
Unit 1	1.16	26.75	53	43	50
Unit 2	4.23	54.84	186	153	180
Unit 3	4.12	100.51	187	160	190
	9.51	182.10			420
Parli					
Unit 1	0.59	14.01	26	23	20
Unit 2	0.55	13.07	24	22	20
Unit 3	3.87	85.39	172	150	160
Unit 4	4.22	100.24	185	152	180
Unit 5	4.19	103.83	180	166	170
Unit 6	5.15	128.34	228	193	220
	18.57	444.89			770
Chandrapur					
Unit 1	3.83	99.04	172	144	165
Unit 2	3.29	64.36	147	122	140
Unit 3	4.10	108.03	196	140	180
Unit 4	4.50	118.68	199	162	200
Unit 5	0.00	185.37	0	0	0
Unit 6	9.61	211.20	426	356	400
Unit 7	10.10	202.98	471	356	450
	35.43	989.65			1535
Paras					
Unit 2	0.00	4.72	0	0	0
Unit 3	2.93	95.61	206	0	50
	2.93	100.32			50
Khaparkheda					
Unit 1	4.57	107.70	203	156	200
Unit 2	4.54	110.78	197	178	190
Unit 3	0.00	90.62	0	0	0
Unit 4	5.00	123.55	216	202	210
	14.12	432.65			600
Nasik					
Unit 1	1.97	50.67	88	60	81
Unit 2	2.06	48.22	95	70	81
Unit 3	4.89	120.80	215	174	182
Unit 4	0.41	111.81	182	0	0
Unit 5	4.32	111.88	189	167	162
	13.65	443.39			506
Uran					
All Units	15.32	380.62	661	599	620
	15.32	380.62			620
Koyna					
Stage 1-2	4.02	53.68	375	30	600
Stage 4	11.67	84.51	1115	0	250
Kovna 12&4 Total	15.69	138.19			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	3.26	32.77	320	0	320
	18.96	170.96			1170
Hydro					
KDPH	0.00	6.12	0	0	0
VTRNA	0.00	0.12	0	0	0
TILLARI	0.40	11.53	60	0	60
BHTGR/VEER	0.06	4.28	39	0	0
BHIRA T.R.	0.16	5.03	42	0	40
RNGR+BHTSA	0.34	5.94	15	0	15
BHANDARDRA	0.00	4.11	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	1.36	10	0	8
GHATGHAR	0.70	7.91	125	0	0
	1.71	46.39			123
PENCH (MS)					
Pench (MS)	0.87	18.83	53	0	
	0.87	18.83			
Wind					
MalharPeth	0.10	6.38			
Vankuswadi	0.31	12.30			
ATIT	0.08	4.12			
Kale	0.02	2.56			
Satara	0.37	10.14			
Shirala	0.15	4.70			
K Mahankal	0.03	2.98			
Supa	0.06	2.56			
Vita	0.57	20.67			
Dondaicha	0.30	26.66			
Sakri	0.04	5.28			
Nandurbar	0.02	3.49			
Khadakale	0.23	6.85			
Khaparale	0.14	6.19			
	2.44	114.88			
Dabhol					
RGPP L II	22.19	567.97	935	900	900
RGPP L III	0.00	0.00	0	0	
	22.19	567.97			900
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.95	220.06	500	475	500
Trombay 6	5.18	249.84	250	150	500
Trombay 7A	2.84	69.69	124	111	120
Trombay 7B	1.57	39.63	66	65	60
Trombay 8	6.02	123.19	253	250	250
TATA Hydro	3.49	61.83	407	0	447
	31.05	764.24			1877
REL					
1&2	12.56	326.64	527	519	500
	12.56	326.64			500
Cent Sect					
Share					3202
					3202

MS PG CL	Thermal	109.09	2973.62		4496
	Thml+Gas	124.41	3354.24		5116
	Hydro	20.66	217.35		1293
	Total	145.07	3571.60		6409
State Total		214.18	5364.26		12888

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/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	4563	50	656	5269	930	71	2804	3572	-20	18	9860	1746	11606	1653	13259	49.71
2	4585	45	656	5286	931	72	2761	3438	24	63	9790	1808	11598	1533	13131	49.68
3	4435	55	658	5148	931	68	2697	3422	90	135	9704	1595	11299	1475	12774	49.76
4	4416	50	661	5127	932	89	2636	3201	151	189	9538	1859	11397	1423	12820	49.86
5	4416	95	661	5172	930	94	2640	3310	151	202	9708	1959	11667	1410	13077	49.52
6	4505	824	658	5987	933	76	2713	3038	80	126	10175	2196	12371	1488	13859	49.25
7	4511	483	659	5653	933	85	2598	2645	52	92	9441	3134	12575	1522	14097	49.21
8	4575	295	660	5530	933	93	2778	2832	24	64	9505	3545	13050	1612	14662	49.31
9	4591	329	650	5570	929	81	2860	2945	-47	-9	9569	3565	13134	1829	14963	49.20
10	4505	654	632	5791	920	98	3190	3278	-383	-344	9796	3682	13478	2207	15685	49.20
11	4430	1138	627	6195	921	136	3522	3651	-561	-541	10415	3244	13659	2455	16114	49.15
12	4448	1474	599	6521	910	154	3510	3337	-561	-541	10434	3195	13629	2514	16143	49.02
13	4542	1255	602	6399	910	146	3511	3476	-561	-540	10444	3146	13590	2502	16092	49.17
14	4621	1248	605	6474	900	134	3510	3562	-561	-537	10586	3149	13735	2434	16169	49.05
15	4560	1235	609	6404	903	131	3510	3538	-569	-549	10480	3235	13715	2517	16232	48.99
16	4543	1115	607	6265	914	97	3510	3520	-569	-549	10300	3332	13632	2541	16173	49.26
17	4593	1062	614	6269	917	90	3492	3624	-569	-545	10408	3292	13700	2522	16222	49.23
18	4641	1367	624	6632	924	63	3334	3607	-493	-461	10818	2990	13808	2454	16262	49.29
19	4708	1792	636	7136	925	68	3220	3386	-425	-394	11174	3382	14556	2507	17063	49.40
20	4644	1997	631	7272	931	94	3240	3280	-429	-406	11224	3334	14558	2499	17057	49.16
21	4484	1898	652	7034	932	87	3241	3312	-427	-376	11042	3082	14124	2338	16462	49.33
22	4604	1070	652	6326	935	104	3239	3763	-425	-375	10806	3123	13929	2177	16106	49.48
23	4625	724	652	6001	935	143	3264	3675	-447	-400	10371	2804	13175	2074	15249	49.41
24	4544	410	657	5611	934	161	3235	3730	-442	-391	10055	1983	12038	1991	14029	49.60
MUs	109.09	20.66	15.32	145.07	22.19	2.44	75.02	81.14	-6.91	-6.07	245.64	68.38	314.02	49.68	363.70	49.34

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 26/Oct/2009

Position as on 6.30 Hrs of 27/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
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.	
Paras Unit 3	250	23/10/2009	23.57	26/10/2009	05:18	Economiser Tube Leakage	
Koradi Unit 1	105	25/10/2009	03.22	27/10/2009	05.16	Economiser Tube Leakage	
Koradi Unit 2	105	25/10/2009	22:02	26/10/2009	05:01	Reverse Power Protection.	
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

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Oct/2009

Position as on 6.30 Hrs of 27/Oct/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Mudshingi-Ponda	26/10/2009	09.55	26/10/2009	14.40	Outage Of Main Bus-I
Voltage Level : 400KV			Outage Type HAND TRIPPED		
DHULE-SAR'SAROVAR-I	18/10/2009	13.45	26/10/2009	15.53	H/T For O/V.
WARDHA-AKOLA-II	24/10/2009	16.46		Continued.	H/T due to over voltage
Kolhapur-Mapusa Ckt I	26/10/2009	01.29	26/10/2009	08.52	Hand Tripped for Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Sar'Sarovar II	26/10/2009	15.00		Continued.	Dist.Prot.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/132KV,200 MVA ICT-II at Bhusawal	26/10/2009	09.32		Continued.	Oveerhauling work.
400/220KV,105MVA Spare ICT-II @ Karad.	26/10/2009	10.20		Continued.	Unit Replacement of ICT-II.
Dabhol - Nagothane - I	26/10/2009	15.33	26/10/2009	23.21	Testing work at Dabhol end.
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		Continued.	Replacement of Relay Panels & Control Panels.
Pophali-KDPH	26/10/2009	08.05	26/10/2009	17.15	Preventative Maintaince work.
Aurangabad-Jalna-I	26/10/2009	08.11	26/10/2009	18.12	400 KV A'bad-Akola line crossing Work.
Aurangabad-Jalna-II	26/10/2009	08.24	26/10/2009	18.16	400 KV A'bad-Akola line Crossing Work.
Aurangabad-Chitegaon-II	26/10/2009	09.02	26/10/2009	18.35	400 KV A'bad-Akola line Crossing Work.
Aurangabad-Chitegaon-I	26/10/2009	09.07	26/10/2009	18.46	400 KV A'bad-Akola line Crossing Work.
Bus-Coupler at Kalwa	26/10/2009	09.28		Continued.	C.B.Replacement.
Kanhan - Bhandara - I	26/10/2009	10.16	26/10/2009	16.32	Maintaince Work.
220/132 KV 150MVA ICT at Bhandara	26/10/2009	10.42	26/10/2009	16.32	Maintaince work.
Main Bus at Ichalkaranji	26/10/2009	10.50	26/10/2009	17.15	Q.M.Work
220/100KV, 100 MVA ICT-II @ Taloja.	26/10/2009	10.54	26/10/2009	15.53	Bay Maint.work.
Main Bus Section-I @ Mudshingi	26/10/2009	10.55	26/10/2009	13.15	Annual maint.work.
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kandalgaon-Roha-II	26/10/2009	09.25	26/10/2009	18.40	Line Main.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

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Oct/2009

Position as on 6.30 Hrs of 27/Oct/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
					ckt flow.
Voltage Level : 500KV			Outage Type TRIPPED		
Chandrapur-Padaghe Pole - II	26/10/2009	11.07	26/10/2009	12.25	Commutation Failure.
Voltage Level : 400KV			Outage Type TRIPPED		
Kalwa-Padgha CKT I	26/10/2009	11.07	26/10/2009	14.01	Dist.Prot.
Kalwa-Padgha II	26/10/2009	11.07	26/10/2009	12.05	Dist.Prot.at Padgha end,Taken on TBC.
Kalwa-Padgha II	26/10/2009	12.05	26/10/2009	21.55	Taken on Own Breaker.
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 150 MVA ICT - I @ NSK.	26/10/2009	21.06	26/10/2009	21.55	Main Buchholz Trip.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 27/Oct/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	30
Unit 2	105	65
Unit 3	105	70
Unit 4	105	70
Unit 5	200	110
Unit 6	210	120
Unit 7	210	110
	1040	575
Bhusawal		
Unit 1	58	45
Unit 2	210	180
Unit 3	210	190
	478	415
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	145
Unit 4	210	175
Unit 5	210	160
Unit 6	250	235
	940	755
Chandrapur		
Unit 1	210	170
Unit 2	210	150
Unit 3	210	200
Unit 4	210	200
Unit 5	500	400
Unit 6	500	425
Unit 7	500	450
	2340	1995
Paras		
Unit 2	55	0
Unit 3	250	200
	305	200
Khaparkheda		
Unit 1	210	200
Unit 2	210	190
Unit 3	210	0
Unit 4	210	210
	840	600
Nasik		
Unit 1	120	85
Unit 2	120	90
Unit 3	210	185
Unit 4	210	0
Unit 5	210	175
	870	535
Uran		
All Units	852	640
	852	640
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	15
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	125
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		
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	100
Trombay 7B	60	100
Trombay 8	250	230
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3229
	3143	3229