



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

State Load Dispatch Center, Airoli

Daily system Report

for

26/Oct/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 26/Oct/2010 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	101.783	2704.745	1) Madhya Pradesh	64.496	1654.232
2) Hydro	4.311	149.558	2) Gujrat	14.506	605.847
3) Gas	15.080	387.376	3) Goa	-6.415	-170.173
Total MSGENCO	121.174	3241.679	4) TAPS 1&2 (Inj.)	4.018	137.723
B) OTHERS			5) Pench (Excess)	-0.526	-15.616
1) RGPPL Gas	35.811	918.894	# Total Cent. Sector	76.079	2212.013
2) Wind Generation	3.136	92.464	F) Other Exchanges		
3) CPP / IPP	15.129	325.972	1) With TPCL (Excess)	-10.602	-308.044
4) PENCH (MS)	0.526	16.861	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	8.233	232.412
1) TPCL Thermal	28.007	740.599	Include PX	0.718	46.937
2) TPCL Hydro	4.286	57.656	2) MUMBAI Bilateral	12.728	339.425
TOTAL TPCL	32.293	798.255	Include PX	1.540	70.597
3) REL Thermal	12.400	310.536	3) MUMBAI Schedule	12.728	339.425
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	142.190	3755.880	1) MSEDCL	241.253	6499.839
2) Hydro (A2+B3+C2)	9.123	224.075	2) TPCL	37.077	939.560
3) Gas (A3+B1)	50.891	1306.270	3) REL	18.216	477.396
4) Wind (B2)	3.136	92.464	TOTAL STATE	296.546	7916.795
5) CPP (B3)	15.129	325.972			
TOTAL STATE	220.469	5704.661			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4360	4355	4098
MSGENCO Hydro	326	529	115
MSGENCO Gas	609	639	655
MSGENCO Total Generation	5295	5523	4868
Central Sector Receipt	2923	3643	2694
RGPPL	1475	1531	1457
WIND	308	106	54
CPP / IPP	621	639	627
Exchange with TPCL	-505	-518	-200
MSEDCL DEMAND MET	10117	10961	9525
Load Shedding	1596	3183	685
MSEDCL DEMAND (INCL. LS)	11713	14144	10210
TPCL GENERATION	1696	1758	791
REL GENERATION	505	519	523
TPCL+REL DEMAND	2706	2795	1514
STATE DEMAND MET	12823	13756	11039
STATE DEMAND (INCL. LS)	14419	16939	11724
Frequency (Hz)	50.02	49.92	50.04
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3400 MW AT 19.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			40.42 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.51 Hz at 10.08 Hrs	49.47 Hz at 17.59 Hrs	49.96	0 % of Time(min)

* 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 26/Oct/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.57	31.15	72	41	74
Unit 2	1.58	36.87	86	49	68
Unit 3	1.48	37.29	70	49	64
Unit 4	0.00	0.00	0	0	0
Unit 5	3.06	83.91	142	114	121
Unit 6	3.10	67.21	148	104	135
Unit 7	2.70	77.42	130	95	133
	13.51	333.84			595
Bhusawal					
Unit 1	1.05	18.15	50	30	50
Unit 2	4.04	77.84	190	135	160
Unit 3	3.62	81.48	170	120	160
	8.71	177.47			370
Parli					
Unit 1	0.53	7.83	24	16	20
Unit 2	0.50	11.98	24	14	20
Unit 3	3.54	89.17	183	106	140
Unit 4	0.70	77.42	95	0	120
Unit 5	4.08	66.22	183	152	165
Unit 6	3.62	100.99	176	106	165
Unit 7	3.56	103.64	184	106	150
	16.53	457.24			780
Chandrapur					
Unit 1	2.96	67.74	150	70	100
Unit 2	0.33	72.52	108	0	0
Unit 3	2.85	80.36	152	82	130
Unit 4	3.10	81.45	169	100	100
Unit 5	6.11	177.88	300	200	250
Unit 6	6.15	200.26	300	205	400
Unit 7	6.94	180.93	358	221	350
	28.44	861.12			1330
Paras					
Unit 2	0.90	22.00	40	35	40
Unit 3	4.15	105.76	230	135	200
Unit 4	3.47	100.31	188	90	100
	8.52	228.07			340
Khaparkheda					
Unit 1	4.72	121.71	210	185	200
Unit 2	4.50	49.49	200	170	200
Unit 3	0.08	111.63	82	0	0
Unit 4	4.08	92.63	172	167	170
	13.38	375.46			570
Nasik					
Unit 1	2.14	42.17	96	80	95
Unit 2	2.20	26.60	99	82	95
Unit 3	4.20	102.58	195	150	180
Unit 4	0.00	0.00	0	0	0
Unit 5	4.14	100.20	186	155	180
	12.68	271.55			550
Koyna					
Stage 1-2	1.25	64.81	130	35	600
Stage 4	0.00	0.00	0	0	0
Stage 3	0.18	17.26	146	0	320
	1.43	82.07			920
Kovna 12&4 Total	1.25	64.81			600

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		15.08	387.38	663	536	640
		15.08	387.38			640
Hydro						
KDPH		0.46	4.72	20	19	18
VTRNA		0.00	0.00	0	0	0
TILLARI		0.39	9.74	60	0	60
BHTGR/VEER		0.00	2.03	0	0	0
BHIRA T.R.		0.25	4.55	77	0	80
RNGR+BHTSA		0.36	8.80	18	11	15
BHANDARDRA		0.21	2.38	9	8	0
ELDARY		0.08	5.05	8	0	0
SMLHY PTN		0.39	7.09	25	12	0
GHATGHAR		0.74	23.12	125	0	0
		2.88	67.49			173
PENCH (MS)						
Pench (MS)		0.53	16.86	53	0	
		0.53	16.86			
Wind						
MalharPeth		0.15	3.67			
Vankuswadi		0.45	8.64			
ATIT		0.04	2.72			
Kale		0.04	3.17			
Satara		0.55	6.66			
Shirala		0.10	3.74			
K Mahankal		0.01	3.21			
Supa		0.08	2.07			
Vita		0.70	14.56			
Dondaicha		0.32	26.68			
Sakri		0.08	4.08			
Nandurbar		0.02	3.40			
Khandke		0.38	5.90			
Khaparale		0.22	3.96			
		3.14	92.46			
CPP						
TOTAL CPP		15.13	325.97			
		15.13	325.97			
Dabhol						
RGPPL		35.81	918.89	1555	1451	1560
		35.81	918.89			1560
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		10.52	290.11	490	270	500
Trombay 6		7.55	193.95	500	150	500
Trombay 7A		2.89	75.03	124	117	120
Trombay 7B		1.61	41.68	68	66	60
Trombay 8		5.43	139.82	250	150	250
TATA Hydro		4.29	57.66	459	0	447
		32.29	798.26			1877
REL						
1&2		12.40	310.54	524	503	500
		12.40	310.54			500
Cent Sect						
Share						3670
						3670
MS PG CL	Thermal	101.78	2704.74			4535
	Thml+Gas	116.86	3092.12			5175
	Hydro	4.31	149.56			1093
	Total	121.17	3241.68			6268
State Total		220.47	5704.66			13875

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/Oct/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP / IPP	CS SHARE	CS RECPT	TPCL SCH.	TPCL NET EXCH.	MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS														
1	4375	109	536	5020	1464	30	618	3002	2748	-503	-459	9447	1306	10753	1879	12632	50.01
2	4212	110	576	4898	1458	45	629	2878	2626	-385	-337	9344	1238	10582	1657	12239	49.90
3	4171	109	655	4935	1457	34	629	2810	2574	-304	-261	9393	999	10392	1545	11937	49.92
4	4098	115	655	4868	1457	54	627	2754	2694	-235	-200	9525	685	10210	1514	11724	50.04
5	4163	104	663	4930	1456	108	632	2754	2819	-235	-177	9793	693	10486	1520	12006	49.91
6	4157	114	663	4934	1456	137	635	2754	3266	-235	-199	10254	976	11230	1572	12802	49.92
7	4305	110	658	5073	1456	174	642	3037	2368	-348	-310	9428	1773	11201	1732	12933	49.92
8	4310	104	655	5069	1456	220	631	3037	2648	-348	-314	9735	1685	11420	1836	13256	49.99
9	4246	126	647	5019	1456	262	630	3204	2518	-483	-458	9453	1785	11238	2134	13372	49.94
10	4318	259	641	5218	1544	300	600	3348	2806	-574	-472	10011	1878	11889	2502	14391	49.99
11	4360	326	609	5295	1475	308	621	3486	2923	-637	-505	10117	1596	11713	2706	14419	50.02
12	4241	265	609	5115	1451	234	625	3482	2983	-694	-565	9843	1439	11282	2880	14162	49.95
13	4190	97	596	4883	1455	186	626	3482	3543	-694	-569	10124	1552	11676	2838	14514	50.04
14	4235	92	595	4922	1459	107	607	3459	3746	-647	-524	10317	1781	12098	2748	14846	50.02
15	4293	102	607	5002	1498	80	616	3532	3378	-647	-507	10067	1845	11912	2802	14714	49.90
16	4266	107	616	4989	1518	71	618	3552	3488	-643	-495	10189	1920	12109	2800	14909	49.83
17	4172	127	624	4923	1518	77	645	3554	3524	-643	-515	10199	2125	12324	2800	15124	49.76
18	4280	153	625	5058	1520	98	647	3618	3674	-643	-504	10520	2330	12850	2745	15595	49.68
19	4355	529	639	5523	1531	106	639	3548	3643	-642	-518	10961	3183	14144	2795	16939	49.92
20	4333	403	638	5374	1537	100	645	3720	3864	-698	-599	10974	3164	14138	2756	16894	50.05
21	4310	284	642	5236	1542	91	632	3697	3957	-675	-584	10927	2830	13757	2547	16304	50.05
22	4204	255	644	5103	1546	96	640	3649	3906	-627	-590	10734	2581	13315	2433	15748	50.10
23	4150	221	644	5015	1546	102	647	3475	3395	-599	-555	10177	2352	12529	2338	14867	49.99
24	4039	90	643	4772	1555	116	648	3212	2988	-592	-385	9721	2164	11885	2216	14101	50.09
MUs	101.78	4.31	15.08	121.17	35.81	3.14	15.13	79.04	76.08	-12.73	-10.60	241.25	43.88	285.13	55.30	340.43	49.96

NOTE : ALL VALUES IN MW

TPCL Sch./Net Exch is shown with reference to MSETCL System. (+) indicates TPCL to MSETCL and (-) indicates MSETCL to TPCL. TPCL Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss for export)
Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 26/Oct/2010

Position as on 6.30 Hrs of 27/Oct/2010

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)	30/12/2010
Koyna ST-IV 1	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Koyna ST - IV 3	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Koyna ST - IV 4	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Koyna ST-IV 2	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Koradi Unit 4	115	24/08/2010	06.02		Continued.	Annual Overhaul.	24/10/2010
Nasik Unit 4	210	15/09/2010	10.55		Continued.	Annual Overhaul.	11/11/2010
Cent_Sect Tarapur 1	80	10/10/2010	21.30		Continued.	Fuel refuelling.	12/11/2010
FORCED OUTAGE							
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Uran Unit 3	60	16/06/2010	19.52		Continued.	R.M.Work.	
Dabhol 2A	230	12/07/2010	01.55		Continued.	Tripped due to Electrical Fault	30/10/2010
Uran Unit 5	108	24/10/2010	02.30		Continued.	CTO Temp.High.	
Khaparkheda Unit 3	210	26/10/2010	00.37		Continued.	Economiser tube leakage.	28/10/2010
Chandrapur Unit 2	210	26/10/2010	03.38		Continued.	Control cable of boiler burnt.	28/10/2010
Parli Unit 4	210	26/10/2010	07.38	26/10/2010	18.23	Super Heater Temp.Low.	
Cent_Sect NTPC(V-2)	210	26/10/2010	10.09	26/10/2010	13.05	Drum Level Low.	
Parli Unit 4	210	26/10/2010	19.37		Continued.	Furnance Pressure Low.	28/10/2010
Cent_Sect NTPC(V-5)	210	27/10/2010	00.08		Continued.	Boiler Tube Leakage.	28/10/2010
Parli Unit 1	30	27/10/2010	03.40		Continued.	Furnance Pressure High.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Oct/2010

Position as on 6.30 Hrs of 27/Oct/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Dhule-Sar'Sarovar - I	22/10/2010	10.49		Continued.	Earthwire refixing.(Ready for Charging from 22.10.10.@ 1435 Hrs.)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Wardha - Akola - II	08/10/2010	17.55		Continued.	Normal Changeover.
Akola - Aurangabad - I	22/10/2010	14.43		Continued.	Changeover.
Kolhapur - Mapusa - II	24/10/2010	22.28		Continued.	Over Voltage.
Dhule - S'Sarovar- II	26/10/2010	13.58		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Padgha - Boisar (PGCIL)	21/10/2010	13.24		Continued.	Hand Tripped at padgha end (To Transfer Load to PGCIL)
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Reactor of Chandrpur - Parli - II @ Parli	12/08/2009	10.15		Continued.	Bushing Problem.
Main Bus - II @ Koyna Stg - IV	26/09/2010	10.45		Continued.	Maintenance Work.(Expected on 30.10.2010)
Jejuri-Koyna STG-IV	14/10/2010	09.25		Continued.	Bunching.
STG IV-New Koyna-II	14/10/2010	10.00		Continued.	Bunching.
400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR	15/10/2010	12.25		Continued.	Attending Red Hot on R-Ph HV side Bushing.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125MVA ICT- IV @ Kalwa	02/08/2010	10.10		Continued.	Repl.125 MVA ICT by 200 MVA New ICT.(Expected on 30.10.2010)
220/100 125 MVA ICT - II @ Trombay	23/08/2010	12.17		Continued.	Dismantling of existing ICT and commissioning of New 200MVA ICT
Tifil-Trombay	08/10/2010	10.18		Continued.	Erection & Stringing of M/C Towers (Loc.22-40) & Dismantleing of Old Towers upto 6.11.2010.
Karad-Kolhapur-III	13/10/2010	13.39		Continued.	Breaker replacement.on TBC.(Expected on 28.10.2010)
220/7 KV 35 MVA Station T/F - I @ Parly	21/10/2010	10.20		Continued.	Replacement of Aux.& Bus Side Isolator.
220/132 200 MVA ICT - I @ Harangul	26/10/2010	06.15	26/10/2010	13.25	Replacement of Y Ph.OSR Reley.
220 KV Main Bus @ Ogalewadi	26/10/2010	09.00	26/10/2010	16.00	New T/F Commissioning Work.
Wankuswade-Satara-II	26/10/2010	09.15	26/10/2010	17.30	Q.M.Work.
Kalwa-Mulund II	26/10/2010	09.30	26/10/2010	17.47	Red Hot B Ph.Isolater.
Karad - Karad -I	26/10/2010	10.05	26/10/2010	15.55	Q.M.Work.
Miraj -Vita	26/10/2010	11.00	26/10/2010	15.50	Line Maintenance Work.
220/100 KV ICT- III @ Borivali	26/10/2010	23.23	27/10/2010	01.23	New ICT - I Shifting Work.
220/100 KV 125MVA ICT- II @ Borivali	27/10/2010	01.36	27/10/2010	05.20	New ICT - I Shifting Work.
Main breaker of Chalisgaon-Malegaon Ckt.	27/10/2010	11.07		Continued.	Main breaker replacement(Ckt is on TBC)
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
132 KV Bus P T - II @ Pardi	20/10/2010	13.00		Continued.	Replacement of Bus PT-II Under LES.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Oct/2010

Position as on 6.30 Hrs of 27/Oct/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 400KV			Outage Type HAND TRIPPED		
80 MVAR Line Reactor of Lonikand - Karad @ Karad	04/03/2010	11.58		Continued.	Red Hot Spot Observed on Earthing.
Karad - Kolhapur - II	14/10/2010	23.19		Continued.	Over Voltage.
Karad-Lamboti	26/10/2010	01.32	26/10/2010	05.46	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Borivali-Tata Borivali 4	19/10/2010	16.41		Continued.	To control ICT Kalwa loading.
Bhugaon-Wardha	23/10/2010	22.30		Continued.	To control Wardha-Warora line loading.
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Kalwa - Salshet - I	05/10/2010	15.44		Continued.	ICT overlading at Kalwa.
Voltage Level : 400KV			Outage Type TRIPPED		
Khadka - Deepnagar - II	29/09/2010	20.53		Continued.	DT Received @ Khadka.
400/220 KV 500 MVA ICT-II at Lamboti	10/10/2010	15.28		Continued.	Y-Ph Buchloz.
400/220 KV 600 MVA ICT-I @ Kalwa	19/10/2010	16.15		Continued.	Fire in 200 MVA ICT.
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 200 MVA ICT - II @ Theur	01/06/2010	03.57		Continued.	Oil Tank Burst.
220/100KV 200MVA T/F-II @APTA	15/08/2010	21.10		Continued.	Diff.Prot.CTR system operated.
New Koyna-Pedambe-II	26/10/2010	11.04	26/10/2010	11.38	Without Indication only from Newkoyna.
Voltage Level : 100KV			Outage Type TRIPPED		
Chinchwad - Talegaon	26/10/2010	00.39	26/10/2010	08.23	Distance protection Z-1(Decl.faulty.)
Borivali - Borivali- I	26/10/2010	10.05	26/10/2010	10.27	Change Over of P.T.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 27/Oct/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	65
Unit 2	105	55
Unit 3	105	55
Unit 4	105	0
Unit 5	200	120
Unit 6	210	130
Unit 7	210	130
	1040	555
Bhusawal		
Unit 1	58	40
Unit 2	210	170
Unit 3	210	150
	478	360
Parli		
Unit 1	30	0
Unit 2	30	18
Unit 3	210	172
Unit 4	210	0
Unit 5	210	160
Unit 6	250	140
Unit 7	250	160
	1190	650
Chandrapur		
Unit 1	210	150
Unit 2	210	0
Unit 3	210	140
Unit 4	210	150
Unit 5	500	250
Unit 6	500	200
Unit 7	500	300
	2340	1190
Paras		
Unit 2	55	40
Unit 3	250	200
Unit 4	250	200
	555	440
Khaparkheda		
Unit 1	210	205
Unit 2	210	185
Unit 3	210	0
Unit 4	210	170
	840	560
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	180
Unit 4	210	0
Unit 5	210	190
	870	550
Koyna		
Stage 1-2	600	600
Stage 4	1000	0
Stage 3	320	320
	1920	920
Uran		
All Units	852	640

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	640
Hydro		
KDPH	40	18
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	18
GHATGHAR	250	0
	611	191
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	
Khandke	0	
Khaparale	0	
	0	
CPP		
TOTAL CPP	0	
	0	
Dabhol		
RGPPL	960	1560
	960	1560
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3557
	3143	3557

	17376	7 of 7	13550
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