



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

State Load Dispatch Center, Airoli

Daily system Report

for

27/Oct/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 27/Oct/2010 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	105.035	2809.780	1) Madhya Pradesh	60.568	1714.800
2) Hydro	7.812	157.370	2) Gujrat	17.438	623.285
3) Gas	14.137	401.513	3) Goa	-6.453	-176.626
Total MSGENCO	126.984	3368.663	4) TAPS 1&2 (Inj.)	3.974	141.697
B) OTHERS			5) Pench (Excess)	-0.420	-16.036
1) RGPPL Gas	35.467	954.361	# Total Cent. Sector	75.107	2287.120
2) Wind Generation	4.585	97.049	F) Other Exchanges		
3) CPP / IPP	15.587	341.559	1) With TPCL (Excess)	-9.814	-317.858
4) PENCH (MS)	0.420	17.281	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	8.233	240.646
1) TPCL Thermal	29.200	769.799	Include PX	0.718	47.655
2) TPCL Hydro	4.641	62.297	2) MUMBAI Bilateral	12.893	352.317
TOTAL TPCL	33.841	832.096	Include PX	1.705	72.302
3) REL Thermal	12.543	323.079	3) MUMBAI Schedule	12.893	352.317
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	146.778	3902.658	1) MSEDCL	248.336	6748.175
2) Hydro (A2+B3+C2)	12.873	236.948	2) TPCL	37.388	976.948
3) Gas (A3+B1)	49.604	1355.874	3) REL	18.807	496.203
4) Wind (B2)	4.585	97.049	TOTAL STATE	304.531	8221.326
5) CPP (B3)	15.587	341.559			
TOTAL STATE	229.427	5934.088			

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	4365	4819	4037
MSGENCO Hydro	495	817	94
MSGENCO Gas	514	584	654
MSGENCO Total Generation	5374	6220	4785
Central Sector Receipt	2892	3568	2729
RGPPL	1541	1300	1559
WIND	248	91	171
CPP / IPP	642	653	634
Exchange with TPCL	-529	-480	-180
MSEDCL DEMAND MET	10168	11372	9723
Load Shedding	2193	3343	645
MSEDCL DEMAND (INCL. LS)	12361	14715	10368
TPCL GENERATION	1719	1781	900
REL GENERATION	523	519	523
TPCL+REL DEMAND	2771	2780	1603
STATE DEMAND MET	12939	14152	11326
STATE DEMAND (INCL. LS)	15132	17495	11971
Frequency (Hz)	49.99	49.84	50.02
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3825 MW AT 19.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			42.63 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.29 Hz at 21.01 Hrs	49.45 Hz at 17.58 Hrs	49.92	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 27/Oct/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.52	32.67	70	55	65
Unit 2	1.54	38.42	70	55	55
Unit 3	1.51	38.79	71	52	55
Unit 4	0.00	0.00	0	0	0
Unit 5	3.12	87.04	140	125	120
Unit 6	3.13	70.34	145	100	130
Unit 7	2.93	80.34	140	100	130
	13.76	347.60			555
Bhusawal					
Unit 1	0.81	18.96	45	20	40
Unit 2	3.48	81.31	160	125	170
Unit 3	3.34	84.83	150	115	150
	7.63	185.10			360
Parli					
Unit 1	0.07	7.90	22	0	0
Unit 2	0.52	12.49	24	16	18
Unit 3	4.05	93.22	186	140	172
Unit 4	0.00	77.42	0	0	0
Unit 5	3.00	69.22	175	0	160
Unit 6	3.82	104.81	220	100	140
Unit 7	3.95	107.59	235	97	160
	15.41	472.65			650
Chandrapur					
Unit 1	3.66	71.40	170	135	150
Unit 2	0.00	72.52	0	0	0
Unit 3	3.52	83.88	171	126	140
Unit 4	4.09	85.54	185	145	150
Unit 5	6.84	184.72	385	190	250
Unit 6	7.44	207.70	410	210	200
Unit 7	7.55	188.48	405	225	300
	33.11	894.23			1190
Paras					
Unit 2	0.98	22.98	43	33	40
Unit 3	3.98	109.75	203	137	200
Unit 4	3.98	104.29	188	135	200
	8.94	237.01			440
Khaparkheda					
Unit 1	4.92	126.62	210	175	205
Unit 2	4.52	54.01	196	170	185
Unit 3	0.23	111.86	106	0	0
Unit 4	4.11	96.74	175	169	170
	13.78	389.24			560
Nasik					
Unit 1	2.13	44.30	103	72	90
Unit 2	2.10	28.70	99	75	90
Unit 3	3.98	106.56	200	130	180
Unit 4	0.00	0.00	0	0	0
Unit 5	4.19	104.40	192	153	190
	12.40	283.95			550
Koyna					
Stage 1-2	3.10	67.92	480	40	600
Stage 4	0.00	0.00	0	0	0
Stage 3	1.17	18.43	210	0	320
	4.27	86.34			920
Kovna 12&4 Total	3.10	67.92			600

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		14.14	401.51	656	476	640
		14.14	401.51			640
Hydro						
KDPH		0.46	5.18	19	18	18
VTRNA		0.00	0.00	0	0	0
TILLARI		0.38	10.11	60	0	60
BHTGR/VEER		0.00	2.03	0	0	0
BHIRA T.R.		0.26	4.80	80	0	80
RNGR+BHTSA		0.31	9.12	13	12	15
BHANDARDRA		0.12	2.51	6	5	0
ELDARY		0.00	5.05	0	0	0
SMLHY PTN		0.47	7.56	30	12	18
GHATGHAR		1.55	24.67	199	0	0
		3.54	71.03			191
PENCH (MS)						
Pench (MS)		0.42	17.28	53	0	
		0.42	17.28			
Wind						
MalharPeth		0.27	3.94			
Vankuswadi		0.71	9.35			
ATIT		0.09	2.81			
Kale		0.25	3.42			
Satara		1.27	7.92			
Shirala		0.23	3.98			
K Mahankal		0.02	3.24			
Supa		0.09	2.16			
Vita		1.13	15.69			
Dondaicha		0.06	26.74			
Sakri		0.00	4.08			
Nandurbar		0.01	3.41			
Khandke		0.25	6.16			
Khaparale		0.19	4.16			
		4.58	97.05			
CPP						
TOTAL CPP		15.59	341.56			
		15.59	341.56			
Dabhol						
RGPPL		35.47	954.36	1560	1298	1560
		35.47	954.36			1560
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		11.30	301.41	490	390	500
Trombay 6		8.00	201.94	500	150	500
Trombay 7A		2.87	77.91	123	116	120
Trombay 7B		1.61	43.30	68	66	60
Trombay 8		5.42	145.24	250	150	250
TATA Hydro		4.64	62.30	459	0	447
		33.84	832.10			1877
REL						
1&2		12.54	323.08	525	518	500
		12.54	323.08			500
Cent Sect						
Share						3557
						3557
MS PG CL	Thermal	105.04	2809.78			4305
	Thml+Gas	119.17	3211.29			4945
	Hydro	7.81	157.37			1111
	Total	126.98	3368.66			6056
State Total		229.43	5934.09			13555

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 27/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	3999	89	646	4734	1553	126	642	3067	2779	-545	-382	9477	1330	10807	2016	12823	49.93
2	4016	89	654	4759	1551	140	631	2925	2837	-403	-304	9639	1330	10969	1788	12757	49.83
3	4018	89	654	4761	1552	160	630	2862	2568	-323	-272	9424	1019	10443	1674	12117	49.87
4	4037	94	654	4785	1559	171	634	2768	2729	-230	-180	9723	645	10368	1603	11971	50.02
5	4088	94	651	4833	1557	197	643	2768	2799	-230	-178	9851	844	10695	1618	12313	49.90
6	4108	169	656	4933	1553	243	637	2768	3005	-230	-174	10197	1397	11594	1639	13233	49.82
7	4394	94	656	5144	1556	265	637	3075	2663	-366	-320	9945	2029	11974	1820	13794	49.88
8	4417	104	653	5174	1560	267	655	3096	2785	-366	-330	10111	2106	12217	1890	14107	49.94
9	4424	120	637	5181	1556	270	649	3285	2991	-501	-484	10163	2142	12305	2168	14473	49.97
10	4438	226	585	5249	1544	251	652	3378	2794	-569	-470	10020	2474	12494	2511	15005	49.85
11	4365	495	514	5374	1541	248	642	3526	2892	-656	-529	10168	2193	12361	2771	15132	49.99
12	4179	493	507	5179	1529	230	658	3552	3261	-689	-470	10387	1622	12009	2866	14875	49.96
13	4217	403	510	5130	1463	244	657	3552	3409	-689	-533	10370	1529	11899	2850	14749	49.86
14	4270	351	496	5117	1464	184	654	3505	3569	-642	-461	10527	1471	11998	2766	14764	49.91
15	4328	499	477	5304	1459	152	659	3505	3745	-642	-466	10853	1475	12328	2806	15134	49.84
16	4439	872	503	5814	1459	123	654	3521	2986	-661	-533	10503	1614	12117	2824	14941	49.81
17	4463	596	493	5552	1313	110	655	3486	3550	-638	-453	10753	1815	12568	2801	15369	49.79
18	4660	383	476	5519	1298	84	659	3550	3560	-638	-459	10688	2477	13165	2734	15899	49.77
19	4819	817	584	6220	1300	91	653	3513	3568	-661	-480	11372	3343	14715	2780	17495	49.84
20	4643	631	544	5818	1303	120	667	3648	3590	-693	-503	11032	3394	14426	2731	17157	50.01
21	4773	436	645	5854	1405	161	658	3621	3716	-670	-438	11409	3010	14419	2539	16958	50.04
22	4747	231	648	5626	1331	216	651	3568	3663	-646	-472	11068	2697	13765	2453	16218	50.07
23	4598	222	646	5466	1535	264	654	3427	3080	-618	-482	10569	2428	12997	2316	15313	50.00
24	4595	215	648	5458	1526	268	656	3167	2568	-587	-441	10087	904	10991	2234	13225	50.07
MUs	105.04	7.81	14.14	126.98	35.47	4.58	15.59	79.13	75.11	-12.89	-9.81	248.34	45.29	293.62	56.20	349.82	49.92

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 27/Oct/2010

Position as on 6.30 Hrs of 28/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.	05/11/2010
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 refilling.	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
Khaparkheda Unit 3	210	26/10/2010	00.37	27/10/2010	20.57	Economiser tube leakage.	
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	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.	
Uran Unit 5	108	27/10/2010	09.03	27/10/2010	09.28	Header Pressure Low.	
Parli Unit 5	210	27/10/2010	19.41	27/10/2010	22.43	Furnance Pressure High.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Oct/2010

Position as on 6.30 Hrs of 28/Oct/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Dhule-Sar'Sarovar - I	22/10/2010	10.49	27/10/2010	15.04	Earthwire refixing.(Ready for Charging from 22.10.10.@ 1435 Hrs.)
Akola - Wardha - II	27/10/2010	12.10	27/10/2010	19.26	Opportunity Outage for Isolator Alignment & Testing Work.
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	27/10/2010	15.00	Over Voltage.
Dhule - S'Sarovar- II	26/10/2010	13.58		Continued.	Over Voltage.
Kolhapur - Mapusa - I	27/10/2010	22.55		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 : 500KV			Outage Type PLANNED OUTAGE		
HVDC POLE - II	27/10/2010	22.19	28/10/2010	01.44	MCB & Contactor Replacement of Transformer Control Pannel.
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.
Kolhapur-Karad-IV	13/10/2010	13.39	27/10/2010	16.25	Breaker replacement. ckt taken 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.
220/100 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.
Khaparkheda-Ambazari - I	27/10/2010	08.17	27/10/2010	18.33	Laying of Earthwire from Loc No.43 to 55
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 27/Oct/2010

Position as on 6.30 Hrs of 28/Oct/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Padegaon - Paithan	27/10/2010	09.45	27/10/2010	18.01	Replacement of CT'S Under LES.
132 KV Half Main Bus Section - I @ Kawlewada	27/10/2010	11.15	27/10/2010	13.35	To Connect Jumper of Extended Bus.
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.
Lonikand- Koyna Stage IV	28/10/2010	02.02		Continued.	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.
Kalwa - Ghatghar	28/10/2010	00.15		Continued.	H/T from Kalwa end for Kalwa ICT 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.
Dhule - Babhaleshwar - I	27/10/2010	20.58	28/10/2010	05.33	Distenace Protection, Y Ph.
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.
220/22KV 50 MVA T/F III at Chakan	27/10/2010	07.01	27/10/2010	07.53	Tripped Alongwith 22KV Nankwaddi Feeder.
220/110 KV 200 MVA ICT - I @ Kolhapur	27/10/2010	17.00	27/10/2010	20.05	R Ph L A Burst.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 28/Oct/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	61
Unit 3	105	66
Unit 4	105	0
Unit 5	200	114
Unit 6	210	110
Unit 7	210	147
	1040	568
Bhusawal		
Unit 1	58	40
Unit 2	210	150
Unit 3	210	150
	478	340
Parli		
Unit 1	30	0
Unit 2	30	20
Unit 3	210	172
Unit 4	210	0
Unit 5	210	150
Unit 6	250	150
Unit 7	250	180
	1190	672
Chandrapur		
Unit 1	210	130
Unit 2	210	0
Unit 3	210	140
Unit 4	210	150
Unit 5	500	350
Unit 6	500	350
Unit 7	500	300
	2340	1420
Paras		
Unit 2	55	40
Unit 3	250	200
Unit 4	250	202
	555	442
Khaparkheda		
Unit 1	210	205
Unit 2	210	180
Unit 3	210	190
Unit 4	210	170
	840	745
Nasik		
Unit 1	120	85
Unit 2	120	85
Unit 3	210	180
Unit 4	210	0
Unit 5	210	190
	870	540
Koyna		
Stage 1-2	600	600
Stage 4	1000	0
Stage 3	320	320
	1920	920
Uran		
All Units	852	630

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	630
Hydro		
KDPH	40	18
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	6
ELDARY	23	0
SMLHY PTN	12	
GHATGHAR	250	0
	611	177
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	3560
	3143	3560