



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

State Load Dispatch Center, Airoli

Daily system Report

for

26/Jun/2010

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	75.912	2072.674	1) Madhya Pradesh	76.570	1733.126
2) Hydro	15.346	220.370	2) Gujrat	20.172	582.484
3) Gas	15.217	408.756	3) Goa	-5.849	-162.336
Total MSGENCO	106.475	2701.800	4) TAPS 1&2 (Inj.)	7.190	188.348
B) OTHERS			5) Pench (Excess)	0.000	-3.880
1) RGPPL Gas	25.519	843.481	# Total Cent. Sector	98.083	2337.742
2) Wind Generation	7.480	314.445	F) Other Exchanges		
3) CPP	3.264	120.855	1) With TPCL (Excess)	-13.563	-255.994
4) PENCH (MS)	0.000	3.880	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	4.412	205.546
1) TPCL Thermal	23.279	746.781	Include PX	1.731	67.449
2) TPCL Hydro	5.220	86.898	2) MUMBAI Bilateral	14.096	278.720
TOTAL TPCL	28.499	833.679	Include PX	3.075	13.314
3) REL Thermal	6.604	319.744	3) MUMBAI Schedule	14.096	278.720
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	105.795	3139.199	1) MSEDCL	227.258	6066.209
2) Hydro (A2+B3+C2)	20.566	311.148	2) TPCL	31.985	905.236
3) Gas (A3+B1)	40.736	1252.237	3) REL	16.683	504.175
4) Wind (B2)	7.480	314.445	TOTAL STATE	275.926	7475.620
5) CPP (B3)	3.264	120.855			
TOTAL STATE	177.841	5137.884			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	3302	2972	3120
MSGENCO Hydro	753	1817	62
MSGENCO Gas	641	635	632
MSGENCO Total Generation	4696	5424	3814
Central Sector Receipt	4372	3961	3761
RGPPL	939	974	1291
WIND	150	466	295
CPP	114	159	160
Exchange with TPCL	-866	-603	-185
MSEDCL DEMAND MET	9405	10381	9136
Load Shedding	3019	2980	1333
MSEDCL DEMAND (INCL. LS)	12424	13361	10469
TPCL GENERATION	1381	1411	967
REL GENERATION	264	263	265
TPCL+REL DEMAND	2511	2277	1417
STATE DEMAND MET	11916	12658	10553
STATE DEMAND (INCL. LS)	14935	15638	11886
Frequency (Hz)	49.67	49.60	49.93
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4443 MW AT 13.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			84.13 MUS

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.27 Hz at 04.04 Hrs	49.31 Hz at 20.07 Hrs	49.8	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 26/Jun/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.46	39.22	83	28	65
Unit 2	1.77	18.96	87	62	65
Unit 3	1.75	39.96	89	62	80
Unit 4	0.00	19.58	0	0	0
Unit 5	0.25	52.97	120	0	0
Unit 6	2.99	54.42	150	102	120
Unit 7	3.12	75.18	155	80	140
	11.34	300.29			470
Bhusawal					
Unit 1	0.00	8.10	0	0	0
Unit 2	4.00	78.49	180	140	170
Unit 3	3.90	89.38	175	150	170
	7.90	175.96			340
Parli					
Unit 1	0.00	9.02	0	0	0
Unit 2	0.00	8.98	0	0	0
Unit 3	3.54	104.30	163	115	170
Unit 4	0.00	76.49	0	0	0
Unit 5	2.70	84.47	123	100	110
Unit 6	5.40	132.60	249	200	250
Unit 7	5.15	93.88	257	0	
	16.80	509.74			530
Chandrapur					
Unit 1	0.00	0.14	0	0	0
Unit 2	1.88	1.88	122	0	0
Unit 3	0.00	0.00	0	0	0
Unit 4	4.04	107.36	180	147	190
Unit 5	0.00	0.00	0	0	0
Unit 6	0.00	0.00	0	0	0
Unit 7	0.00	0.00	0	0	0
	5.92	109.39			190
Paras					
Unit 2	0.00	7.95	0	0	0
Unit 3	5.51	146.02	255	124	230
Unit 4	0.00	59.99	0	0	
	5.51	213.96			230
Khaparkheda					
Unit 1	4.28	106.84	204	161	170
Unit 2	3.81	92.02	176	127	170
Unit 3	4.12	105.47	184	158	160
Unit 4	3.91	94.28	176	159	160
	16.12	398.61			660
Nasik					
Unit 1	2.19	45.93	98	81	90
Unit 2	1.72	42.93	96	47	90
Unit 3	0.00	89.86	0	0	0
Unit 4	4.08	72.46	193	130	180
Unit 5	4.33	113.54	188	174	180
	12.32	364.72			540
Koyna					
Stage 1-2	3.70	57.82	490	35	600
Stage 4	7.20	80.85	848	0	250
Stage 3	2.63	33.34	320	0	320
	13.54	172.01			1170
Kovna 12&4 Total	10.90	138.67			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		15.22	408.76	663	545	640
		15.22	408.76			640
Hydro						
KDPH		0.00	3.26	0	0	0
VTRNA		0.00	5.35	0	0	0
TILLARI		0.00	0.00	0	0	0
BHTGR/VEER		0.02	1.31	1	0	0
BHIRA T.R.		0.39	6.16	40	0	40
RNGR+BHTSA		0.07	1.65	3	3	3
BHANDARDRA		0.41	0.68	23	15	30
ELDARY		0.00	0.00	0	0	0
SMLHY PTN		0.05	4.01	10	0	10
GHATGHAR		0.88	25.95	250	0	0
		1.81	48.36			83
PENCH (MS)						
Pench (MS)		0.00	3.88	0	0	
		0.00	3.88			
Wind						
MalharPeth		0.25	10.22			
Vankuswadi		0.46	21.48			
ATIT		0.24	7.53			
Kale		0.29	9.13			
Satara		0.59	17.22			
Shirala		0.39	9.22			
K Mahankal		0.27	14.48			
Supa		0.06	4.37			
Vita		2.22	54.12			
Dondaicha		1.80	106.28			
Sakri		0.32	17.56			
Nandurbar		0.31	13.83			
Khadakale		0.22	16.16			
Khaparale		0.06	12.84			
		7.48	314.44			
CPP						
TOTAL CPP		3.26	120.86			
		3.26	120.86			
Dabhol						
RGPPL		25.52	843.48	1302	938	930
		25.52	843.48			930
Tata						
Trombay 4		0.00	43.44	0	0	0
Trombay 5		10.66	277.96	475	360	450
Trombay 6		4.14	180.64	230	150	500
Trombay 7A		2.44	73.50	121	83	120
Trombay 7B		1.44	39.18	66	55	60
Trombay 8		4.60	132.06	205	150	250
TATA Hydro		5.22	86.90	455	0	447
		28.50	833.68			1827
REL						
1&2		6.60	319.74	470	263	250
		6.60	319.74			250
Cent Sect						
Share						3353
						3353
MS PG CL	Thermal	75.91	2072.67			2960
	Thml+Gas	91.13	2481.43			3600
	Hydro	15.35	220.37			1253
	Total	106.48	2701.80			4853
State Total		177.84	5137.88			11213

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/Jun/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	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	3054	149	637	3840	1302	302	156	3264	3890	-464	-422	9068	1459	10527	1752	12279	49.80
2	3035	67	639	3741	1290	500	156	3030	3674	-239	-225	9136	1756	10892	1488	12380	49.85
3	3030	62	644	3736	1289	432	158	3030	3610	-244	-200	9025	1602	10627	1443	12070	49.89
4	3061	62	643	3766	1293	329	154	3031	3826	-244	-182	9186	1328	10514	1424	11938	50.02
5	3120	62	632	3814	1291	295	160	3031	3761	-244	-185	9136	1333	10469	1417	11886	49.93
6	3157	72	663	3892	1290	237	161	3032	3939	-244	-200	9319	1614	10933	1478	12411	49.92
7	3254	59	660	3973	1084	245	129	3232	3949	-261	-218	9162	2257	11419	1536	12955	50.02
8	3330	79	662	4071	942	216	116	3302	4165	-329	-292	9218	2418	11636	1638	13274	49.85
9	3345	102	659	4106	940	111	104	3503	4402	-521	-511	9152	2725	11877	1899	13776	49.87
10	3329	187	649	4165	943	118	107	3847	4652	-840	-861	9124	3191	12315	2198	14513	49.79
11	3354	233	640	4227	944	194	104	3840	4241	-840	-861	8849	3169	12018	2395	14413	49.84
12	3302	753	641	4696	939	150	114	3839	4372	-840	-866	9405	3019	12424	2511	14935	49.67
13	3256	1312	628	5196	938	123	119	3822	4371	-840	-818	9929	2741	12670	2462	15132	49.73
14	3246	1543	621	5410	941	194	102	3829	4085	-840	-817	9915	2486	12401	2393	14794	49.62
15	3269	1440	642	5351	944	215	93	3832	4087	-840	-842	9848	2792	12640	2388	15028	49.69
16	3221	587	636	4444	943	303	121	3832	4348	-840	-838	9321	3086	12407	2373	14780	49.84
17	3149	371	642	4162	942	334	134	3833	4437	-840	-815	9194	3116	12310	2359	14669	49.77
18	3172	146	651	3969	944	353	126	3835	4453	-840	-836	9009	3092	12101	2357	14458	49.96
19	3156	124	648	3928	946	437	115	3355	4459	-641	-636	9249	3345	12594	2225	14819	49.93
20	3022	1223	627	4872	947	496	125	3358	4077	-641	-609	9908	3256	13164	2309	15473	49.68
21	2972	1817	635	5424	974	466	159	3358	3961	-641	-603	10381	2980	13361	2277	15638	49.60
22	2971	1931	606	5508	1065	468	152	3282	3754	-641	-603	10344	2603	12947	2229	15176	49.54
23	3035	1665	567	5267	1213	445	202	3289	3964	-593	-560	10531	2050	12581	2101	14682	49.70
24	3072	1306	545	4923	1175	517	197	3431	3606	-593	-563	9855	2035	11890	2014	13904	49.69
MUs	75.91	15.35	15.22	106.48	25.52	7.48	3.26	83.04	98.08	-14.10	-13.56	227.26	59.45	286.72	48.67	335.38	49.80

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/Jun/2010

Position as on 6.30 Hrs of 27/Jun/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
Chandrapur Unit 6	500	01/04/2010	01.15		Continued.	Annual Overhaul	30/06/2010
Chandrapur Unit 5	500	16/04/2010	15.49		Continued.	Water Balancing Problem.	30/06/2010
Chandrapur Unit 7	500	25/04/2010	00.23		Continued.	Water Balancing Problem.	30/06/2010
Chandrapur Unit 3	210	26/05/2010	23.59		Continued.	Water Balancing Problem.	30/06/2010
Chandrapur Unit 1	210	24/06/2010	08.41	27/06/2010	06.10	AVR Replacement.	
Koradi Unit 5	200	26/06/2010	02:33		Continued.	Annual overhaul	20/07/2010
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	
Paras Unit 2	55	13/06/2010	17.35		Continued.	For Scrapping.	
Paras Unit 4	250	15/06/2010	20.55		Continued.	Clinker Formation.	30/06/2010
Uran Unit 3	60	16/06/2010	19.52		Continued.	R.M.Work.	
Tata Trombay 4	150	18/06/2010	01.40		Continued.	Low demand.	
Bhusawal Unit 1	58	18/06/2010	05.10		Continued.	For scrapping.	
Parli Unit 2	30	18/06/2010	06.26		Continued.	For Scrapping.	
Parli Unit 1	30	18/06/2010	12.11		Continued.	For scrapping.	
Dabhol 1B	230	18/06/2010	13.09		Continued.	Unit Differential.	10/07/2010
Dabhol 1A	230	18/06/2010	13.09		Continued.	Unit Differential.	10/07/2010
Dabhol 1X	290	18/06/2010	13.09		Continued.	Unit differential.	10/07/2010
Koradi Unit 4	115	20/06/2010	18.44	27/06/2010	18.17	Boiler Tube Leakage.	
Nasik Unit 3	210	21/06/2010	22.05	27/06/2010	08.45	Boiler Hopper Leakage.	
Koyna ST - IV 4	250	23/06/2010	07.50		Continued.	Servomotor seal replacement.	01/07/2010
Parli Unit 4	210	24/06/2010	23.18		Continued.	HPCV problem.	28/06/2010
Chandrapur Unit 2	210	25/06/2010	21.25	26/06/2010	01.34	Tripped due to failure of Stn Supply	
REL 2	250	26/06/2010	02.19		Continued.	Condensor Tube Leakage	30/06/2010
Dabhol 2B	230	26/06/2010	06.48	26/06/2010	20.14	PPM trial	
Parli Unit 7	250	26/06/2010	19.07	26/06/2010	21.18	Tripped due to Turbine tripped	
Dabhol 3A	230	27/06/2010	00.20		Continued.	Heavy Leakages in Boiler	30/06/2010
Chandrapur Unit 1	210	27/06/2010	10.10	27/06/2010	12:45	Main Steam Temp.Low.	
Koradi Unit 6	210	27/06/2010	13.53		Continued.	Furnace Pressure High.	
Cent_Sect NTPC(K-4)	500	27/06/2010	18:57		Continued.	Boiler Tube Leakage.	30/06/2010

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

Position as on 6.30 Hrs of 27/Jun/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Nasik-Navsari -II	26/06/2010	08.45	26/06/2010	17.51	Q.M.Work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur-Mapusa Ckt I	15/06/2010	22.36		Continued.	H/T For O/V.
Akola - Wardha - II	16/06/2010	14.53		Continued.	H/T due to line loading.
Dhule-Sar'Sarovar - II	24/06/2010	16.17		Continued.	H/T for O/V.
Akola - Aurangabad - I	25/06/2010	14.10		Continued.	To control Aurangabad ICT loading
Dhule-Sar'Sarovar - I	25/06/2010	18.32	26/06/2010	08.36	Over Voltage
Dhule-Sar'Sarovar - I	26/06/2010	17.37		Continued.	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Akola - Wardha - I	26/06/2010	15.31	26/06/2010	16.12	Distance Protection
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Line Reactor of LN at Parli.	13/05/2010	07.58		Continued.	Overhauling of line reactor of Lonikand -I at Parli.
400/11.5 KV 90 MVA Station T/F-IV @ Chandrapur	29/05/2010	10.18		Continued.	Maintainance Work.
Chandrapur - Parli - II	25/06/2010	09.00	27/06/2010	16.36	Replacement of Insulator,ready for charging at 17.59Hrs
400/220 KV 315 MVA ICT -II DHULE	26/06/2010	10.01	26/06/2010	20.10	Premansoon maint.and CT Tan Delta testing work
400/220KV,315MVA ICT-I at Karad	26/06/2010	11.03	26/06/2010	18.35	LA replacement work
Bus coupler at Koradi	26/06/2010	11.10		Continued.	Breaker repl.work of CT repl.removal of cable wiring.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 100 MVA ICT - I @ Ranjangaon	18/05/2010	13.48		Continued.	Transformer Augmentation work.
Murud - Girawli.	26/06/2010	08.41	26/06/2010	15.02	To attending Hot Spot on B phase CT Clamp
Babaleshwar - Babaleshwar - II	26/06/2010	09.25	26/06/2010	17.53	Q.M.Work
Mudshingi - Peth	26/06/2010	10.20	26/06/2010	16.45	Replacement of CC at Peth end
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Chalisgaon-Chalisgaon-I	26/06/2010	09.10	26/06/2010	11.37	Q.M.Work
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV 315 MVA ICT II AT CHAKAN	12/06/2010	13:04		Continued.	'R' phase unit replacement.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	19/06/2010	22.51		Continued.	Over Voltage
Karad-Kolhapur-II	23/06/2010	23.38	27/06/2010	09.51	H/T For O/V.
Karad-Kolhapur CKT I	27/06/2010	23.32		Continued.	Over Voltage.
C'pur-Parli II	27/06/2010	23.43		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Borivali-Boisar	26/06/2010	15.30		Continued.	To control Bhoisor-Bhoisor(PGCIL)
Voltage Level : 400KV			Outage Type TRIPPED		
400/11.5/6.6 KV 70 MVA	25/04/2010	03.59		Continued.	B-Ph,HV bushing burst and caught fire.

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

Position as on 6.30 Hrs of 27/Jun/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Stn.T/F 5B at 400KV Khaparkheda					
Koradi - Kaparkheda	27/06/2010	15.12	27/06/2010	19.25	Tripped on Over Voltage.
Khaparkheda-Chandrapur.	27/06/2010	15.12	27/06/2010	19.25	Tripped on Over Voltage.
Koradi - Kaparkheda	27/06/2010	23.08		Continued.	Over Voltage.
Khaparkheda-Chandrapur.	27/06/2010	23.08		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 200 MVA ICT - II at Theur	01/06/2010	03.57		Continued.	Oil tank burst.
C'pur-Sicom-I	25/06/2010	21.25	26/06/2010	19.57	Bus Bar Prot.operated,Y phase CT Burst.
Kalwa-Colourchem	26/06/2010	13.31	26/06/2010	13.41	Distance Protection
Kalwa-Padgha I	26/06/2010	13.33	26/06/2010	14.03	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		
Mankapur - Uppalwadi	26/06/2010	13.55	26/06/2010	14.12	Distance protection
Kalmeshwar - Katol	26/06/2010	16.17	26/06/2010	16.43	Distance protection
Pachora - Chalisgaon CKT -I.	26/06/2010	16.58	26/06/2010	17.23	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 27/Jun/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	60
Unit 2	105	65
Unit 3	105	60
Unit 4	105	0
Unit 5	200	0
Unit 6	210	100
Unit 7	210	100
	1040	385
Bhusawal		
Unit 1	58	0
Unit 2	210	180
Unit 3	210	180
	478	360
Parli		
Unit 1	30	0
Unit 2	30	0
Unit 3	210	150
Unit 4	210	0
Unit 5	210	110
Unit 6	250	250
Unit 7	250	0
	1190	510
Chandrapur		
Unit 1	210	0
Unit 2	210	140
Unit 3	210	0
Unit 4	210	190
Unit 5	500	0
Unit 6	500	0
Unit 7	500	0
	2340	330
Paras		
Unit 2	55	0
Unit 3	250	120
Unit 4	250	0
	555	120
Khaparkheda		
Unit 1	210	190
Unit 2	210	180
Unit 3	210	180
Unit 4	210	160
	840	710
Nasik		
Unit 1	120	90
Unit 2	120	80
Unit 3	210	0
Unit 4	210	190
Unit 5	210	180
	870	540
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Uran		
All Units	852	630

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	630
Hydro		
KDPH	40	0
VTRNA	60	0
TILLARI	60	0
BHTGR/VEER	21	10
BHIRA T.R.	80	40
RNGR+BHTSA	20	10
BHANDARDRA	45	20
ELDARY	23	0
SMLHY PTN	12	1
GHATGHAR	250	0
	611	81
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	
CPP		
TOTAL CPP	0	
	0	
Dabhol		
RGPPL	960	930
	960	930
Tata		
Trombay 4	150	0
Trombay 5	500	450
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1827
REL		
1&2	500	250
	500	250
Cent Sect		
Share	3143	3074
	3143	3074