



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

State Load Dispatch Center, Airoli

Daily system Report

for

28/Jun/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 28/Jun/2010 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	78.430	2225.241	1) Madhya Pradesh	68.668	1875.450
2) Hydro	17.241	246.338	2) Gujrat	23.752	633.098
3) Gas	15.485	439.170	3) Goa	-6.015	-174.066
Total MSGENCO	111.156	2910.749	4) TAPS 1&2 (Inj.)	7.640	203.191
B) OTHERS			5) Pench (Excess)	-0.100	-4.020
1) RGPPL Gas	21.147	887.456	# Total Cent. Sector	93.945	2533.653
2) Wind Generation	9.765	336.515	F) Other Exchanges		
3) CPP	5.226	129.767	1) With TPCL (Excess)	-12.868	-278.005
4) PENCH (MS)	0.100	4.020	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	4.115	214.020
1) TPCL Thermal	28.447	799.606	Include PX	1.438	70.566
2) TPCL Hydro	4.066	94.318	2) MUMBAI Bilateral	13.595	301.726
TOTAL TPCL	32.513	893.924	Include PX	3.239	18.912
3) REL Thermal	7.952	334.031	3) MUMBAI Schedule	13.595	301.726
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	114.829	3358.878	1) MSEDCL	228.471	6524.155
2) Hydro (A2+B3+C2)	21.407	344.676	2) TPCL	35.070	968.034
3) Gas (A3+B1)	36.632	1326.626	3) REL	18.262	537.918
4) Wind (B2)	9.765	336.515	TOTAL STATE	281.803	8030.107
5) CPP (B3)	5.226	129.767			
TOTAL STATE	187.859	5496.462			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3240	3408	3084
MSGENCO Hydro	591	1264	103
MSGENCO Gas	645	640	652
MSGENCO Total Generation	4476	5312	3839
Central Sector Receipt	4322	3693	4414
RGPPL	931	942	600
WIND	353	536	293
CPP	236	212	217
Exchange with TPCL	-764	-502	-227
MSEDCL DEMAND MET	9554	10193	9136
Load Shedding	2988	3210	1414
MSEDCL DEMAND (INCL. LS)	12542	13403	10550
TPCL GENERATION	1697	1522	1016
REL GENERATION	262	490	264
TPCL+REL DEMAND	2723	2514	1507
STATE DEMAND MET	12277	12707	10643
STATE DEMAND (INCL. LS)	15265	15917	12057
Frequency (Hz)	49.63	49.71	49.94
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4433 MW AT 12.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			89.81 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.54 Hz at 08.02 Hrs	49 Hz at 22.10 Hrs	49.75	.08 % 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 28/Jun/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.34	40.90	62	0	65
Unit 2	1.25	21.74	64	30	65
Unit 3	1.26	42.72	73	32	65
Unit 4	0.99	20.80	57	23	50
Unit 5	0.00	52.97	0	0	0
Unit 6	0.42	56.08	129	0	0
Unit 7	2.53	79.96	145	45	110
	6.78	315.17			355
Bhusawal					
Unit 1	0.00	8.10	0	0	0
Unit 2	3.92	86.65	180	150	180
Unit 3	4.01	97.33	175	160	175
	7.93	192.08			355
Parli					
Unit 1	0.00	9.02	0	0	0
Unit 2	0.00	8.98	0	0	0
Unit 3	3.62	111.22	169	137	170
Unit 4	0.00	76.49	0	0	0
Unit 5	2.74	89.84	120	103	120
Unit 6	5.12	142.25	237	155	250
Unit 7	5.86	105.78	261	204	
	17.34	543.57			540
Chandrapur					
Unit 1	2.79	3.91	130	102	180
Unit 2	3.63	8.81	156	147	140
Unit 3	0.00	0.00	0	0	0
Unit 4	4.27	115.83	192	161	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
	10.70	128.54			510
Paras					
Unit 2	0.00	7.95	0	0	0
Unit 3	3.63	152.28	239	0	100
Unit 4	0.00	59.99	0	0	0
	3.63	220.22			100
Khaparkheda					
Unit 1	3.90	114.90	185	125	190
Unit 2	4.03	100.12	180	133	180
Unit 3	4.13	113.80	184	163	180
Unit 4	3.76	101.89	164	149	160
	15.83	430.72			710
Nasik					
Unit 1	1.97	49.82	90	72	80
Unit 2	1.28	45.74	67	45	70
Unit 3	4.30	96.36	190	170	160
Unit 4	4.38	81.04	197	163	190
Unit 5	4.28	121.99	193	167	180
	16.22	394.95			680
Koyna					
Stage 1-2	4.06	64.68	465	35	600
Stage 4	8.06	91.49	838	0	250
Stage 3	3.19	37.75	298	0	320
	15.30	193.92			1170
Kovna 12&4 Total	12.12	156.17			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		15.48	439.17	661	632	620
		15.48	439.17			620
Hydro						
KDPH		0.00	3.26	0	0	0
VTRNA		0.00	5.35	0	0	0
TILLARI		0.09	0.15	59	0	0
BHTGR/VEER		0.00	1.31	0	0	10
BHIRA T.R.		0.35	6.93	41	0	40
RNGR+BHTSA		0.06	1.78	3	2	3
BHANDARDRA		0.34	1.38	15	14	15
ELDARY		0.00	0.00	0	0	0
SMLHY PTN		0.05	4.06	9	0	20
GHATGHAR		1.04	28.19	250	0	0
		1.94	52.42			88
PENCH (MS)						
Pench (MS)		0.10	4.02	24	0	
		0.10	4.02			
Wind						
MalharPeth		0.30	10.95			
Vankuswadi		1.04	23.33			
ATIT		0.18	8.16			
Kale		0.29	10.01			
Satara		0.38	18.56			
Shirala		0.25	10.22			
K Mahankal		1.51	16.41			
Supa		0.20	4.70			
Vita		2.83	61.06			
Dondaicha		1.54	110.42			
Sakri		0.34	18.25			
Nandurbar		0.21	14.40			
Khadakale		0.48	16.87			
Khaparale		0.22	13.17			
		9.76	336.52			
CPP						
TOTAL CPP		5.23	129.77			
		5.23	129.77			
Dabhol						
RGPPL		21.15	887.46	957	600	930
		21.15	887.46			930
Tata						
Trombay 4		0.00	43.44	0	0	0
Trombay 5		11.24	300.16	500	430	450
Trombay 6		8.32	193.54	500	170	500
Trombay 7A		2.46	78.74	121	88	120
Trombay 7B		1.45	42.18	66	56	70
Trombay 8		4.99	141.55	222	200	250
TATA Hydro		4.07	94.32	344	0	447
		32.51	893.92			1837
REL						
1&2		7.95	334.03	512	218	250
		7.95	334.03			250
Cent Sect						
Share						2953
						2953
MS PG CL	Thermal	78.43	2225.24			3250
	Thml+Gas	93.92	2664.41			3870
	Hydro	17.24	246.34			1258
	Total	111.16	2910.75			5128
State Total		187.86	5496.46			11098

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 28/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	3057	372	647	4076	954	390	220	3030	3967	-551	-554	9053	1247	10300	1917	12217	49.66
2	3019	93	653	3765	956	379	214	2797	4018	-329	-321	9011	1609	10620	1640	12260	49.84
3	3065	63	652	3780	833	318	214	2704	4376	-241	-228	9293	1551	10844	1540	12384	49.84
4	3084	103	652	3839	600	293	217	2705	4414	-241	-227	9136	1414	10550	1507	12057	49.94
5	3157	336	651	4144	655	345	222	2706	4224	-241	-224	9366	1416	10782	1505	12287	49.74
6	3192	521	657	4370	656	347	231	2673	4166	-241	-227	9543	1666	11209	1597	12806	49.83
7	3139	155	659	3953	665	311	201	2725	3918	-211	-197	8851	2428	11279	1651	12930	49.97
8	3212	67	661	3940	740	317	199	2795	3979	-277	-268	8907	2582	11489	1837	13326	50.13
9	3154	112	648	3914	935	347	203	2994	3947	-467	-464	8882	2756	11638	2087	13725	50.06
10	3196	165	642	4003	938	353	206	3382	4466	-831	-837	9129	3034	12163	2485	14648	49.77
11	3131	102	635	3868	935	336	219	3380	4391	-828	-839	8910	3071	11981	2709	14690	49.80
12	3240	591	645	4476	931	353	236	3352	4322	-799	-764	9554	2988	12542	2723	15265	49.63
13	3335	1139	638	5112	937	356	218	3362	3829	-827	-779	9673	2695	12368	2704	15072	49.62
14	3315	1389	635	5339	952	382	201	3361	3697	-827	-778	9803	2482	12285	2662	14947	49.64
15	3362	1512	633	5507	956	448	221	3360	3641	-827	-781	10015	2715	12730	2654	15384	49.56
16	3358	1087	632	5077	957	391	205	3359	3508	-827	-779	9382	3162	12544	2739	15283	49.63
17	3311	923	643	4877	957	528	210	3387	3602	-827	-780	9418	3255	12673	2670	15343	49.73
18	3304	699	641	4644	955	535	222	3440	3901	-833	-780	9497	3104	12601	2634	15235	49.72
19	3350	403	648	4401	945	498	225	2972	4033	-589	-532	9570	3332	12902	2438	15340	49.88
20	3408	1264	640	5312	942	536	212	2958	3693	-556	-502	10193	3210	13403	2514	15917	49.71
21	3445	1812	633	5890	942	444	186	2960	3310	-556	-504	10268	2768	13036	2490	15526	49.65
22	3540	1783	644	5967	942	510	250	2965	3616	-556	-499	10786	2432	13218	2347	15565	49.56
23	3543	1505	646	5694	937	468	246	3118	3604	-556	-503	10446	1976	12422	2215	14637	49.60
24	3512	1045	650	5207	927	580	248	3223	3306	-556	-501	9767	1962	11729	2068	13797	49.59
MUs	78.43	17.24	15.49	111.16	21.15	9.76	5.23	73.71	93.93	-13.60	-12.87	228.45	58.86	287.31	53.33	340.64	49.75

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 28/Jun/2010

Position as on 6.30 Hrs of 29/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
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
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.	30/06/2010
REL 2	250	26/06/2010	02.19	28/06/2010	15.56	Condensor Tube Leakage	
Dabhol 3A	230	27/06/2010	00.20	29/06/2010	00.40	Heavy Leakages in Boiler	
Koradi Unit 6	210	27/06/2010	13.53	28/06/2010	19.13	Furnace Pressure High.	
Cent_Sect NTPC(K-4)	500	27/06/2010	18:57		Continued.	Boiler Tube Leakage.	30/06/2010
Paras Unit 3	250	28/06/2010	00:17	28/06/2010	03.36	Drum level low.	
Dabhol 2A	230	28/06/2010	02.39	28/06/2010	06.40	U.A.Tr.Tripped.	
Koradi Unit 1	105	28/06/2010	05.53		Continued.	Low Bunkering.	
Cent_Sect TARAPUR-4	540	28/06/2010	05.54		Continued.	System deficiency.	30/06/2010

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/Jun/2010

Position as on 6.30 Hrs of 29/Jun/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur-Mapusa Ckt I	15/06/2010	22.36		Continued.	Over Voltage.
Akola - Wardha - II	16/06/2010	14.53		Continued.	Due to Line Loading.
Dhule-Sar'Sarovar - II	24/06/2010	16.17		Continued.	Over Voltage.
Akola - Aurangabad - I	25/06/2010	14.10		Continued.	To control Aurangabad ICT loading
Dhule-Sar'Sarovar - I	26/06/2010	17.37		Continued.	Over Voltage
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.
Bus coupler at Koradi	26/06/2010	11.10		Continued.	Breaker Repl.Work of CT Repl.Removal of Cable Wiring.
400 KV Bus Coupler @ Kalwa	28/06/2010	11.01	28/06/2010	14.48	Tandelta Measurment.
400/220 KV 315 MVA ICT at Akola	28/06/2010	11.15	28/06/2010	14.57	Testing Work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 100 MVA ICT - I @ Ranjangaon	18/05/2010	13.48		Continued.	Transformer Augmentation work.
150 MVA, ICT at Bale s/s	28/06/2010	09.00	28/06/2010	17.48	Relay Replacement Work.
Osmanabad - Solapur	28/06/2010	09.15	28/06/2010	14.56	Replacement of Coupling Capaciter.
Karad-Wathar	28/06/2010	10.12	28/06/2010	19.21	Replacement of L A.
Talange-Five star MIDC	28/06/2010	11.25	28/06/2010	17.45	Replacement of Y Ph C T.
220/132 KV 200 MVA ICT - II @ Nanded	28/06/2010	12.42	28/06/2010	17.44	Tap Changer 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 CKT I	27/06/2010	23.32	28/06/2010	11.06	Over Voltage.
C'pur-Parli II	27/06/2010	23.43	28/06/2010	09.26	Over Voltage.
Karad-Kolhapur CKT I	29/06/2010	01.11		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Borivali-Boisar	26/06/2010	15.30	28/06/2010	19.21	To control Bhoisor-Bhoisor(PGCIL)
Voltage Level : 500KV			Outage Type TRIPPED		
HVDC Pole II Padgha	27/06/2010	16.12	28/06/2010	06.18	Tripped,Ready for Charging @ 00.21 Hrs dt 28.06.2010.
Voltage Level : 400KV			Outage Type TRIPPED		
400/11.5/6.6 KV 70 MVA Stn.T/F 5B at 400KV Khaparkheda	25/04/2010	03.59		Continued.	B-Ph,HV Bushing Burst and Caught Fire.
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		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Jun/2010

Position as on 6.30 Hrs of 29/Jun/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
220/132 KV 200 MVA ICT - II at Theur	01/06/2010	03.57		Continued.	Oil Tank Burst.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 29/Jun/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	60
Unit 3	105	60
Unit 4	105	50
Unit 5	200	0
Unit 6	210	130
Unit 7	210	100
	1040	400
Bhusawal		
Unit 1	58	0
Unit 2	210	180
Unit 3	210	175
	478	355
Parli		
Unit 1	30	0
Unit 2	30	0
Unit 3	210	150
Unit 4	210	0
Unit 5	210	120
Unit 6	250	230
Unit 7	250	
	1190	500
Chandrapur		
Unit 1	210	150
Unit 2	210	150
Unit 3	210	0
Unit 4	210	190
Unit 5	500	0
Unit 6	500	0
Unit 7	500	0
	2340	490
Paras		
Unit 2	55	
Unit 3	250	240
Unit 4	250	
	555	240
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	160
Unit 4	210	160
	840	660
Nasik		
Unit 1	120	90
Unit 2	120	80
Unit 3	210	180
Unit 4	210	190
Unit 5	210	180
	870	720
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	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	1
BHANDARDRA	45	15
ELDARY	23	0
SMLHY PTN	12	20
GHATGHAR	250	0
	611	76
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	
CPP		
TOTAL CPP	0	
	0	
Dabhol		
RGPPL	960	930
	960	930
Tata		
Trombay 4	150	0
Trombay 5	500	460
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	200
TATA Hydro	444	447
	2024	1787
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3000
	3143	3000