



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

State Load Dispatch Center, Airoli

Daily system Report

for

04/Jun/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 04/Jun/2010 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	86.528	351.255	1) Madhya Pradesh	58.991	250.288
2) Hydro	18.086	65.826	2) Gujrat	25.141	103.178
3) Gas	15.971	66.292	3) Goa	-6.625	-24.957
Total MSGENCO	120.585	483.373	4) TAPS 1&2 (Inj.)	7.219	28.819
B) OTHERS			5) Pench (Excess)	-0.352	-1.208
1) RGPPL Gas	37.648	146.897	# Total Cent. Sector	84.374	356.120
2) Wind Generation	16.896	50.065	F) Other Exchanges		
3) CPP	4.513	18.057	1) With TPCL (Excess)	-11.366	-46.550
4) PENCH (MS)	0.352	1.208	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	7.567	36.581
1) TPCL Thermal	33.617	131.212	Include PX	3.188	16.103
2) TPCL Hydro	2.836	12.280	2) MUMBAI Bilateral	12.356	50.895
TOTAL TPCL	36.453	143.492	Include PX	0.951	5.000
3) REL Thermal	12.470	49.990	3) MUMBAI Schedule	12.356	50.895
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	132.615	532.457	1) MSEDCL	253.002	1009.170
2) Hydro (A2+B3+C2)	21.274	79.314	2) TPCL	38.675	154.183
3) Gas (A3+B1)	53.619	213.189	3) REL	21.611	85.847
4) Wind (B2)	16.896	50.065	TOTAL STATE	313.288	1249.200
5) CPP (B3)	4.513	18.057			
TOTAL STATE	228.917	893.082			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	3603	3527	3622
MSGENCO Hydro	1163	1480	219
MSGENCO Gas	693	693	700
MSGENCO Total Generation	5459	5700	4541
Central Sector Receipt	3238	3190	3852
RGPPL	1557	1556	1574
WIND	607	632	632
CPP	174	183	206
Exchange with TPCL	-668	-668	-263
MSEDCL DEMAND MET	10399	10640	10542
Load Shedding	4289	4347	2260
MSEDCL DEMAND (INCL. LS)	14688	14987	12802
TPCL GENERATION	1796	1820	1168
REL GENERATION	517	520	521
TPCL+REL DEMAND	2981	3008	1952
STATE DEMAND MET	13380	13648	12494
STATE DEMAND (INCL. LS)	17669	17995	14754
Frequency (Hz)	49.62	49.60	49.68
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5518 MW AT 17.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			111.130 MUS

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.21 Hz at 21.03 Hrs	48.8 Hz at 13.17 Hrs	49.71	.69 % 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 04/Jun/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.68	5.90	76	63	70
Unit 2	1.49	5.77	72	46	50
Unit 3	1.60	5.67	73	63	70
Unit 4	0.97	3.63	77	0	0
Unit 5	2.73	10.81	145	76	130
Unit 6	0.00	7.99	0	0	0
Unit 7	2.92	11.77	145	80	150
	11.39	51.55			470
Bhusawal					
Unit 1	0.54	2.79	25	17	25
Unit 2	4.16	16.57	185	135	180
Unit 3	3.94	15.66	190	150	195
	8.64	35.01			400
Parli					
Unit 1	0.56	2.18	25	21	22
Unit 2	0.48	2.02	22	18	22
Unit 3	4.40	17.20	192	178	180
Unit 4	4.30	16.06	189	163	180
Unit 5	3.65	14.95	166	140	180
Unit 6	6.07	24.15	258	250	250
Unit 7	0.00	0.00	0	0	
	19.46	76.56			834
Chandrapur					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	0.00	0.00	0	0	0
Unit 4	4.22	17.38	192	151	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
	4.22	17.38			190
Paras					
Unit 2	0.52	2.10	24	20	24
Unit 3	5.53	22.34	252	172	240
Unit 4	4.80	15.35	231	163	
	10.85	39.80			264
Khaparkheda					
Unit 1	4.56	17.12	210	130	210
Unit 2	4.14	16.32	186	130	180
Unit 3	4.43	17.29	198	159	190
Unit 4	3.12	15.44	186	0	190
	16.24	66.17			770
Nasik					
Unit 1	2.12	9.02	99	66	95
Unit 2	0.00	0.89	0	0	0
Unit 3	4.78	18.89	205	187	200
Unit 4	4.33	17.49	187	174	190
Unit 5	4.49	18.48	197	168	200
	15.72	64.78			685
Koyna					
Stage 1-2	3.96	15.87	490	45	600
Stage 4	8.54	30.32	980	0	250
Stage 3	3.70	10.66	320	0	320
	16.19	56.85			1170
Kovna 12&4 Total	12.49	46.19			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		15.97	66.29	713	518	680
		15.97	66.29			680
Hydro						
KDPH		0.00	1.80	0	0	17
VTRNA		0.50	2.00	61	0	60
TILLARI		0.00	0.00	0	0	0
BHTGR/VEER		0.05	0.42	2	2	6
BHIRA T.R.		0.18	0.86	40	0	40
RNGR+BHTSA		0.07	0.31	3	3	3
BHANDARDRA		0.00	0.00	0	0	0
ELDARY		0.00	0.00	0	0	0
SMLHY PTN		0.14	1.33	14	4	0
GHATGHAR		0.95	2.25	156	0	0
		1.90	8.97			126
PENCH (MS)						
Pench (MS)		0.35	1.21	47	0	
		0.35	1.21			
Wind						
MalharPeth		0.50	1.14			
Vankuswadi		0.85	2.99			
ATIT		0.32	0.61			
Kale		0.31	1.12			
Satara		0.47	1.48			
Shirala		0.34	1.10			
K Mahankal		0.16	1.59			
Supa		0.22	0.59			
Vita		1.44	4.88			
Dondaicha		8.14	23.13			
Sakri		1.38	3.83			
Nandurbar		0.99	2.88			
Khadakale		0.91	2.25			
Khaparale		0.86	2.48			
		16.90	50.06			
CPP						
TOTAL CPP		4.51	18.06			
		4.51	18.06			
Dabhol						
RGPPL		37.65	146.90	1590	1537	1520
		37.65	146.90			1520
Tata						
Trombay 4		2.57	9.42	111	104	100
Trombay 5		11.20	42.58	475	440	415
Trombay 6		9.49	40.20	485	150	500
Trombay 7A		2.83	11.30	120	115	120
Trombay 7B		1.59	6.32	67	66	60
Trombay 8		5.94	21.39	255	225	250
TATA Hydro		2.84	12.28	396	0	447
		36.45	143.49			1892
REL						
1&2		12.47	49.99	522	517	500
		12.47	49.99			500
Cent Sect						
Share						3079
						3079
MS PG CL	Thermal	86.53	351.26			3613
	Thml+Gas	102.50	417.55			4293
	Hydro	18.09	65.83			1296
	Total	120.58	483.37			5589
State Total		228.92	893.08			12580

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/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	3611	738	701	5050	1573	659	208	2745	3520	-455	-411	10599	2143	12742	2411	15153	49.70
2	3612	273	702	4587	1575	977	208	2651	3615	-365	-316	10646	2672	13318	2208	15526	49.79
3	3610	84	701	4395	1575	720	212	2603	3633	-320	-271	10264	2518	12782	2065	14847	49.81
4	3605	64	703	4372	1575	681	206	2604	4066	-320	-266	10634	2224	12858	1983	14841	49.82
5	3622	219	700	4541	1574	632	206	2607	3852	-320	-263	10542	2260	12802	1952	14754	49.68
6	3681	1056	701	5438	1580	671	211	2592	3264	-320	-271	10893	2477	13370	1960	15330	49.64
7	3653	79	712	4444	1587	662	206	2590	2989	-269	-218	9670	3851	13521	1910	15431	49.83
8	3636	59	713	4408	1590	718	179	2589	2953	-269	-223	9625	4243	13868	1966	15834	49.94
9	3629	80	702	4411	1581	690	179	2635	3195	-314	-268	9788	4458	14246	2190	16436	49.92
10	3576	130	693	4399	1572	654	178	3049	3535	-634	-592	9746	4457	14203	2593	16796	49.82
11	3600	390	694	4684	1562	631	169	3122	3552	-695	-680	9918	4424	14342	2827	17169	49.69
12	3603	1163	693	5459	1557	607	174	3117	3238	-690	-668	10399	4289	14688	2981	17669	49.62
13	3622	1432	693	5747	1558	716	189	3096	3356	-692	-662	10927	3956	14883	2980	17863	49.68
14	3610	1682	684	5976	1542	511	189	3096	3230	-692	-665	10806	3734	14540	2906	17446	49.43
15	3571	1788	683	6042	1537	610	184	3083	3168	-692	-683	10881	3979	14860	3040	17900	49.42
16	3443	1429	685	5557	1549	645	179	3049	3128	-692	-651	10430	4360	14790	3062	17852	49.56
17	3527	1480	693	5700	1556	632	183	3006	3190	-692	-668	10640	4347	14987	3008	17995	49.60
18	3498	1386	567	5451	1563	786	182	3034	3268	-697	-670	10627	4181	14808	2906	17714	49.65
19	3542	809	531	4882	1566	833	185	2959	3114	-555	-514	10089	4308	14397	2641	17038	49.67
20	3611	809	518	4938	1569	778	180	3155	3671	-551	-515	10645	4342	14987	2643	17630	49.68
21	3675	1110	568	5353	1572	839	179	3169	3829	-551	-495	11301	3914	15215	2601	17816	49.71
22	3690	621	648	4959	1581	748	179	3162	4476	-522	-463	11503	3636	15139	2490	17629	49.95
23	3697	633	700	5030	1575	697	176	3156	4307	-522	-466	11342	2854	14196	2461	16657	49.72
24	3604	572	586	4762	1579	799	172	2994	4225	-522	-467	11087	2838	13925	2505	16430	49.80
MUs	86.53	18.09	15.97	120.58	37.65	16.90	4.51	69.86	84.37	-12.36	-11.37	253.00	86.46	339.47	60.29	399.76	49.71

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 04/Jun/2010

Position as on 6.30 Hrs of 05/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	16/06/2010
Chandrapur Unit 1	210	08/04/2010	08.36		Continued.	Annual Overhaul	30/06/2010
Dabhol 2B	230	15/04/2010	01.40		Continued.	Control System modification work	15/06/2010
Chandrapur Unit 5	500	16/04/2010	15.49		Continued.	Water Balancing Problem.	15/06/2010
Chandrapur Unit 2	210	18/04/2010	21.38		Continued.	Clinker Formation.	30/06/2010
Chandrapur Unit 7	500	25/04/2010	00.23		Continued.	Water Balancing Problem.	30/06/2010
Cent_Sect NTPC(K-4)	500	09/05/2010	07.00		Continued.	Annual Overhaul	12/06/2010
Cent_Sect NTPC(V-4)	210	19/05/2010	17:09		Continued.	Annual O/H .	09/06/2010
Chandrapur Unit 3	210	26/05/2010	23.59		Continued.	Water Balancing Problem.	30/06/2010
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	
Parli Unit 7	250	28/05/2010	21.41		Continued.	Low Pressure bypass valve leakage	06/06/2010
Nasik Unit 2	125	01/06/2010	11.10		Continued.	BLR T/L	05/06/2010
Cent_Sect Sipat-4	500	02/06/2010	13.08	05/06/2010	03.23	BLR T/L.	
Koradi Unit 4	115	03/06/2010	11.09	04/06/2010	08.54	Coal Problem	
Koradi Unit 6	210	03/06/2010	20.06		Continued.	High Furnance Pressure	05/06/2010
Khaparkheda Unit 4	210	04/06/2010	13.42	04/06/2010	18.42	HPT Control valve problem.	
Uran Unit 5	108	04/06/2010	17.05	04/06/2010	18.25	Flame Failure	
Uran Unit 5	108	04/06/2010	18.57	04/06/2010	20.08	Boiler problem.	
Uran Unit 5	108	04/06/2010	23.12	05/06/2010	00.51	CTO High	
Koradi Unit 7	210	05/06/2010	04.57		Continued.	Furnance Pressure High	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Jun/2010

Position as on 6.30 Hrs of 05/Jun/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Mudsungi-Amona	04/06/2010	06.25	04/06/2010	18.00	Making Tapping arrangement for Kolhapur-Ponda-I for 220KV Halkarni
Bhoisor - Bhoisor PGCIL-II	04/06/2010	10.10	04/06/2010	10.52	Maintenance work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad - I	09/04/2010	13.00	04/06/2010	17.14	To control Aurangabad ICT loading.
Wardha - Akola - II	29/04/2010	11.37		Continued.	Due to line loading.
Dhule-Sar'Sarovar - I	03/06/2010	18.08		Continued.	Over Voltage
Akola-Aurangabad--II	04/06/2010	17.13		Continued.	To control A'Bad ICT Loading
Kolhapur-Mapusa Ckt I	05/06/2010	00.07		Continued.	Over Voltage
Dhule-Sar'Sarovar - II	05/06/2010	00.50		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.	Maintenance Work.
Bableswhar-Aurangabad	04/06/2010	04.38		Continued.	Replacement of Faulty Disc Insulator String
Chandrapur-Parli -I	04/06/2010	06.27	05/06/2010	04.59	Replacement of Disc Insulator
400/220KV 315 MVA ICT-I at padgha	04/06/2010	08.30	04/06/2010	19.35	Maintenance work
Kalwa-Padgha CKT I	04/06/2010	09.00	04/06/2010	18.20	Replacement of B phase LA
400/220 KV,105 MVA Spare ICT at Akola.	04/06/2010	09.55	04/06/2010	15.35	Premansoon Maint.Work
400/220KV 315MVA ICT at Akola.	04/06/2010	12.30	04/06/2010	14.56	Testing work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV,100 MVA ICT-I At Kalmeshwar	20/02/2010	10.34		Continued.	Repl.of ICT by 200 MVA New ICT.
220/132 KV,100 MVA T/F-II @ Malegaon	08/04/2010	08.55		Continued.	ICT to be replaced with new 200MVA ICT
220/132kv 100MVA ICT-III at padegaon	12/05/2010	13.30		Continued.	Replacement of 100 MVA ICT By 200 MVA ICT.
220/132 KV 100 MVA ICT - I @ Ranjangaon	18/05/2010	13.48		Continued.	Transformer Augmentation work.
220/132 KV, 100 MVA - ICT @ Bale.	03/06/2010	13.15		Continued.	Augumentation of ICT by 200MVA ICT
Momewadi -Halkarni	04/06/2010	06.18	04/06/2010	18.33	Making Tapping arrangement for Kolhapur-Ponda-I
Karad-Pophali	04/06/2010	07.20	04/06/2010	11.47	Replacement of faulty Disc Insulator
Kalwa-Nasik III	04/06/2010	08.26	04/06/2010	18.43	Insulator replacement
Kharghar-TSS	04/06/2010	09.28	04/06/2010	18.29	Replacement of Insulator
220/100KV 125MVA ICT-I at Jambhul	04/06/2010	09.36	04/06/2010	16.35	Maintenance work
Trombay - Tifil	04/06/2010	09.47	04/06/2010	18.49	Replacement of Conductor
Kolhapur - Karad - II	04/06/2010	10.32	04/06/2010	18.30	Replacement of Faulty Insulator
220/132 KV,150 MVA T/F-I at 220 KV Boiser	04/06/2010	13.40	04/06/2010	17.15	Premansoon maint.work

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Jun/2010

Position as on 6.30 Hrs of 05/Jun/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Boiser - Viraj	04/06/2010	11.25	04/06/2010	18.36	R.M.Work
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV,315 MVA ICT-I at Parly.	29/05/2010	22.22		Continued.	ICT Charged with LV Side on TBC due to PDR Problem.
Bableshtar-Aurangabad	03/06/2010	23.07	04/06/2010	00.10	Ckt on TBC for attending Red Hot Spot on Main Breaker Clamp.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/66KV,150MVA ICT-I at Gadchandur	02/06/2010	15.00		Continued.	Attending Main Breaker Trip CKT Faulty Indication, ICT on TBC
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	03/06/2010	20.06	04/06/2010	04.40	Over Voltage
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.
Chandrapur-Khaparkheda	04/06/2010	00.19	04/06/2010	10.52	Over Voltage
Chandrapur-Khaparkheda	04/06/2010	18.10		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.
ONGC-JNPT	04/06/2010	09.50	04/06/2010	10.15	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		
132/3.3 KV 6 MVA Stn T/F @ Paras	15/03/2010	16.16		Continued.	B Ph CT Burst.
132 KV Capaciter Bank @ Nanded	24/04/2010	21.45		Continued.	Capaciter Bank Breaker Burst.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 05/Jun/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	65
Unit 3	105	65
Unit 4	105	60
Unit 5	200	125
Unit 6	210	0
Unit 7	210	0
	1040	385
Bhusawal		
Unit 1	58	25
Unit 2	210	180
Unit 3	210	180
	478	385
Parli		
Unit 1	30	22
Unit 2	30	22
Unit 3	210	180
Unit 4	210	185
Unit 5	210	170
Unit 6	250	250
Unit 7	250	0
	1190	829
Chandrapur		
Unit 1	210	0
Unit 2	210	0
Unit 3	210	0
Unit 4	210	190
Unit 5	500	0
Unit 6	500	0
Unit 7	500	0
	2340	190
Paras		
Unit 2	55	24
Unit 3	250	240
Unit 4	250	0
	555	264
Khaparkheda		
Unit 1	210	130
Unit 2	210	130
Unit 3	210	130
Unit 4	210	160
	840	550
Nasik		
Unit 1	120	95
Unit 2	120	0
Unit 3	210	200
Unit 4	210	190
Unit 5	210	200
	870	685
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Uran		
All Units	852	670

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	670
Hydro		
KDPH	40	0
VTRNA	60	61
TILLARI	60	0
BHTGR/VEER	21	2
BHIRA T.R.	80	40
RNGR+BHTSA	20	3
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	8
GHATGHAR	250	0
	611	114
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	1520
	960	1520
Tata		
Trombay 4	150	100
Trombay 5	500	415
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1892
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3192
	3143	3192