



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

State Load Dispatch Center, Airoli

Daily system Report

for

03/Jun/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 03/Jun/2010 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	88.957	264.727	1) Madhya Pradesh	61.350	191.297
2) Hydro	13.960	47.740	2) Gujrat	28.164	78.037
3) Gas	16.796	50.321	3) Goa	-6.669	-18.332
Total MSGENCO	119.713	362.788	4) TAPS 1&2 (Inj.)	7.210	21.600
B) OTHERS			5) Pench (Excess)	-0.288	-0.856
1) RGPPL Gas	36.934	109.249	# Total Cent. Sector	89.767	271.746
2) Wind Generation	11.202	33.169	F) Other Exchanges		
3) CPP	4.775	13.544	1) With TPCL (Excess)	-11.995	-35.184
4) PENCH (MS)	0.288	0.856	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	8.444	29.014
1) TPCL Thermal	32.500	97.595	Include PX	3.255	12.914
2) TPCL Hydro	3.243	9.444	2) MUMBAI Bilateral	13.101	38.668
TOTAL TPCL	35.743	107.039	Include PX	0.998	4.049
3) REL Thermal	12.499	37.520	3) MUMBAI Schedule	13.101	38.668
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	133.956	399.842	1) MSEDCL	250.684	756.168
2) Hydro (A2+B3+C2)	17.491	58.040	2) TPCL	38.719	115.508
3) Gas (A3+B1)	53.730	159.570	3) REL	21.517	64.236
4) Wind (B2)	11.202	33.169	TOTAL STATE	310.920	935.912
5) CPP (B3)	4.775	13.544			
TOTAL STATE	221.154	664.165			

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	3586	3792	3731
MSGENCO Hydro	1287	112	143
MSGENCO Gas	693	696	705
MSGENCO Total Generation	5566	4600	4579
Central Sector Receipt	3624	4521	3669
RGPPL	1526	1524	1549
WIND	354	690	398
CPP	190	204	195
Exchange with TPCL	-684	-692	-290
MSEDCL DEMAND MET	10595	10847	10100
Load Shedding	3701	3895	2176
MSEDCL DEMAND (INCL. LS)	14296	14742	12276
TPCL GENERATION	1778	1790	1144
REL GENERATION	520	520	521
TPCL+REL DEMAND	2982	3002	1955
STATE DEMAND MET	13577	13849	12055
STATE DEMAND (INCL. LS)	17278	17744	14231
Frequency (Hz)	49.58	49.70	49.79
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5236 MW AT 18.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			103.23 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.31 Hz at 18.04 Hrs	49.25 Hz at 11.07 Hrs	49.73	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 03/Jun/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.31	4.21	70	38	50
Unit 2	1.48	4.29	72	42	65
Unit 3	1.26	4.07	70	29	40
Unit 4	0.46	2.66	66	0	40
Unit 5	2.70	8.08	130	58	130
Unit 6	2.26	7.99	133	0	130
Unit 7	2.90	8.86	140	100	120
	12.38	40.16			575
Bhusawal					
Unit 1	0.52	2.24	23	20	20
Unit 2	4.20	12.41	190	165	180
Unit 3	4.03	11.72	195	145	170
	8.75	26.37			370
Parli					
Unit 1	0.55	1.62	25	19	22
Unit 2	0.53	1.54	23	21	22
Unit 3	4.26	12.80	186	155	180
Unit 4	3.76	11.76	178	135	180
Unit 5	3.71	11.30	175	135	180
Unit 6	6.04	18.08	253	250	250
Unit 7	0.00	0.00	0	0	
	18.84	57.10			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	4.40	13.16	195	172	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
	4.40	13.16			190
Paras					
Unit 2	0.52	1.58	25	19	44
Unit 3	5.61	16.81	247	176	220
Unit 4	4.44	10.55	209	160	
	10.57	28.94			264
Khaparkheda					
Unit 1	4.80	12.56	210	175	210
Unit 2	4.31	12.19	189	166	180
Unit 3	4.49	12.86	202	173	190
Unit 4	4.38	12.32	193	167	190
	17.99	49.94			770
Nasik					
Unit 1	2.29	6.90	99	86	95
Unit 2	0.00	0.89	0	0	0
Unit 3	4.74	14.12	206	180	200
Unit 4	4.37	13.16	188	164	190
Unit 5	4.62	13.99	199	179	200
	16.02	49.06			685
Koyna					
Stage 1-2	3.82	11.92	460	40	600
Stage 4	6.30	21.78	1065	0	250
Stage 3	2.17	6.96	320	0	320
	12.29	40.66			1170
Kovna 12&4 Total	10.12	33.70			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		16.80	50.32	714	685	680
		16.80	50.32			680
Hydro						
KDPH		0.37	1.80	17	15	36
VTRNA		0.56	1.50	61	0	60
TILLARI		0.00	0.00	0	0	0
BHTGR/VEER		0.11	0.38	6	3	6
BHIRA T.R.		0.20	0.67	41	0	40
RNGR+BHTSA		0.08	0.24	4	3	0
BHANDARDRA		0.00	0.00	0	0	0
ELDARY		0.00	0.00	0	0	0
SMLHY PTN		0.36	1.19	22	13	3
GHATGHAR		0.00	1.30	0	0	0
		1.67	7.08			145
PENCH (MS)						
Pench (MS)		0.29	0.86	47	0	
		0.29	0.86			
Wind						
MalharPeth		0.21	0.64			
Vankuswadi		0.74	2.14			
ATIT		0.10	0.28			
Kale		0.21	0.81			
Satara		0.56	1.02			
Shirala		0.26	0.76			
K Mahankal		0.06	1.43			
Supa		0.10	0.37			
Vita		0.78	3.44			
Dondaicha		5.39	14.98			
Sakri		0.87	2.45			
Nandurbar		0.63	1.89			
Khadakale		0.55	1.34			
Khaparale		0.74	1.61			
		11.20	33.17			
CPP						
TOTAL CPP		4.78	13.54			
		4.78	13.54			
Dabhol						
RGPPL		36.93	109.25	1563	1513	1520
		36.93	109.25			1520
Tata						
Trombay 4		1.59	6.85	80	64	110
Trombay 5		11.14	31.38	480	445	410
Trombay 6		9.79	30.71	485	180	500
Trombay 7A		2.83	8.48	120	115	110
Trombay 7B		1.58	4.73	67	65	50
Trombay 8		5.57	15.45	255	150	250
TATA Hydro		3.24	9.44	371	0	447
		35.74	107.04			1877
REL						
1&2		12.50	37.52	524	518	500
		12.50	37.52			500
Cent Sect						
Share						3269
						3269
MS PG CL	Thermal	88.96	264.73			3688
	Thml+Gas	105.75	315.05			4368
	Hydro	13.96	47.74			1315
	Total	119.71	362.79			5683
State Total		221.15	664.16			12849

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/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	3671	1398	700	5769	1547	210	201	2927	2945	-533	-444	10275	2069	12344	2394	14738	49.55
2	3610	1066	701	5377	1548	190	199	2833	2920	-443	-347	9887	2566	12453	2196	14649	49.61
3	3622	655	704	4981	1546	238	193	2805	3457	-356	-305	10110	2415	12525	2010	14535	49.61
4	3696	438	704	4838	1549	319	193	2807	3843	-356	-295	10447	2137	12584	1979	14563	49.75
5	3731	143	705	4579	1549	398	195	2809	3669	-356	-290	10100	2176	12276	1955	14231	49.79
6	3754	698	713	5165	1552	457	195	2808	3228	-356	-304	10293	2459	12752	1945	14697	49.72
7	3732	146	708	4586	1563	446	196	2951	2833	-305	-244	9380	3724	13104	1908	15012	50.01
8	3758	80	702	4540	1555	441	195	2953	2798	-305	-242	9287	3796	13083	1927	15010	49.89
9	3778	139	704	4621	1549	625	194	2997	2995	-350	-291	9693	4031	13724	2144	15868	49.94
10	3793	148	702	4643	1542	532	194	3381	3446	-670	-612	9745	4063	13808	2566	16374	49.89
11	3736	215	703	4654	1532	340	199	3437	3722	-726	-672	9775	4087	13862	2882	16744	49.68
12	3586	1287	693	5566	1526	354	190	3440	3624	-731	-684	10595	3701	14296	2982	17278	49.58
13	3585	1546	691	5822	1522	388	195	3439	3656	-731	-691	10912	3524	14436	3011	17447	49.57
14	3638	1426	690	5754	1530	532	192	3443	3584	-731	-706	10906	3309	14215	2990	17205	49.65
15	3699	1409	685	5793	1513	523	192	3442	3647	-731	-696	10994	3514	14508	3011	17519	49.58
16	3704	464	696	4864	1518	600	197	3398	4139	-731	-692	10649	3921	14570	3031	17601	49.65
17	3792	112	696	4600	1524	690	204	3402	4521	-731	-692	10847	3895	14742	3002	17744	49.70
18	3759	86	714	4559	1536	653	201	3403	4499	-698	-688	10760	3839	14599	2921	17520	49.87
19	3728	179	714	4621	1540	651	207	3121	3864	-558	-538	10345	4010	14355	2653	17008	49.93
20	3860	198	702	4760	1540	521	205	3269	4198	-558	-540	10687	4118	14805	2638	17443	49.87
21	3648	236	701	4585	1535	567	210	3282	5041	-558	-539	11422	3598	15020	2593	17613	49.70
22	3723	153	699	4575	1538	444	210	3255	5139	-529	-509	11420	3241	14661	2498	17159	49.73
23	3692	693	700	5085	1539	534	211	3220	4389	-529	-505	11294	2712	14006	2495	16501	49.69
24	3662	1045	699	5406	1541	549	207	3060	3610	-524	-469	10891	2696	13587	2506	16093	49.65
MUs	88.96	13.96	16.83	119.74	36.93	11.20	4.78	75.88	89.77	-13.10	-12.00	250.71	79.60	330.32	60.24	390.55	49.73

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 03/Jun/2010

Position as on 6.30 Hrs of 04/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	04/06/2010
Cent_Sect Sipat-4	500	02/06/2010	13.08		Continued.	BLR T/L.	04/06/2010
Koradi Unit 4	115	03/06/2010	11.09		Continued.	Coal Problem	04/06/2010
Koradi Unit 6	210	03/06/2010	20.06		Continued.	High Furnance Pressure	04/06/2010

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jun/2010

Position as on 6.30 Hrs of 04/Jun/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad - I	09/04/2010	13.00		Continued.	To control Aurangabad ICT loading.
Wardha - Akola - II	29/04/2010	11.37		Continued.	Due to line loading.
Dhule-S'Sarovar I	02/06/2010	01.31	03/06/2010	14.08	H/T for O/V.
Dhule-Sar'Sarovar - I	03/06/2010	18.08		Continued.	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Padgha-Tarapur CKT I	03/06/2010	14.33	03/06/2010	15.03	Breaker problem , taken on TBC
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.
400/220 KV, 500 MVA ICT - II at Jejuri	03/06/2010	00.53	03/06/2010	06.09	404-29 T Isolator Alignment work
Babaleshwar-Bhusawal	03/06/2010	07.44	03/06/2010	20.05	Replacement of 400KV CT
Padgha - Chakan	03/06/2010	08.21	03/06/2010	18.32	Replacement of Insulator work
Karad-Kolhapur CKT I	03/06/2010	09.05	03/06/2010	18.33	Replacement of Faulty Disc Insulator
Main Bus-I at Jejuri	03/06/2010	12.11	03/06/2010	17.03	Maintenance work
Bableshevar-Aurangabad	04/06/2010	04.38		Continued.	Replacement of Faulty Disc Insulator String
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 tobe 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.
Jejuri - Baramati	03/06/2010	00.24	03/06/2010	06.15	Cold welding work of R phase CT due to oil leakage
Lonikand-Khadki	03/06/2010	06.42	03/06/2010	13.23	Reconductoring of Span No.30,31 & 63 -68
Kalwa-Nasik III	03/06/2010	08.32	03/06/2010	18.58	Insulator replacement work
Phursungi-Magarpatta	03/06/2010	10.37	03/06/2010	16.23	Jumpering work and LILO work
Main Bus at Lonand	03/06/2010	11.56	03/06/2010	16.00	Paralled operation of 220/132KV 200MVA ICT I&II
Hinganghat-Bhugaon	03/06/2010	12.08	03/06/2010	13.45	Cable replacement from CT MV Box to Panel
Talandgade-Ichalkaranj -II	03/06/2010	12.30	03/06/2010	15.59	Tan delta measurement
220/132 KV, 100 MVA - ICT @ Bale.	03/06/2010	13.15		Continued.	Augumentation of ICT by 200MVA ICT
Apta-Bombay Dyeing	03/06/2010	15.07	03/06/2010	15.20	Gas Filling 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.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
New Parli -Beed ckt-II	03/06/2010	11.02	03/06/2010	13.53	Red Hot Spot

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jun/2010

Position as on 6.30 Hrs of 04/Jun/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
220/100 KV,125 MVA ICT-III at Trombay S/S.	03/06/2010	12.38	03/06/2010	13.43	To attend H.V.Bushing oil leakage
BBLSR-Waluj	03/06/2010	17.39	03/06/2010	18.52	Red Hot Spot
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	01/06/2010	04.11	03/06/2010	09.53	H/T for O/V.
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	03/06/2010	01.08	03/06/2010	18.03	Tripped
Koradi-Akola	03/06/2010	17.07	03/06/2010	22.11	Tripped
Dhule-Bblswr-II	03/06/2010	17.40	03/06/2010	18.14	Distance protection
Chandrapur-Khaparkheda	04/06/2010	00.19		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.
Kolhapur-Karad-IV	03/06/2010	06.13	03/06/2010	17.48	Distance Protection
Wardha - Yawatmal	03/06/2010	07.49	03/06/2010	08.13	Distance Protection
Pusad - Yawatmal	03/06/2010	07.49	03/06/2010	08.14	Distance protection
Karad-Vita-II	03/06/2010	10.37	03/06/2010	10.54	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.
Parbhani-Pathari	03/06/2010	18.30	03/06/2010	18.47	Distance Protection
null					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Theur-Jejuri	03/06/2010	10.38	03/06/2010	16.23	Jumpering work

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 04/Jun/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	50
Unit 3	105	70
Unit 4	105	0
Unit 5	200	130
Unit 6	210	0
Unit 7	210	150
	1040	470
Bhusawal		
Unit 1	58	25
Unit 2	210	180
Unit 3	210	195
	478	400
Parli		
Unit 1	30	22
Unit 2	30	22
Unit 3	210	180
Unit 4	210	180
Unit 5	210	180
Unit 6	250	250
Unit 7	250	
	1190	834
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	
	555	264
Khaparkheda		
Unit 1	210	210
Unit 2	210	180
Unit 3	210	190
Unit 4	210	190
	840	770
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	680

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	680
Hydro		
KDPH	40	17
VTRNA	60	60
TILLARI	60	0
BHTGR/VEER	21	6
BHIRA T.R.	80	40
RNGR+BHTSA	20	3
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	0
GHATGHAR	250	0
	611	126
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	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	3079
	3143	3079

	17376	7 of 7	12580
--	--------------	--------	--------------