



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

State Load Dispatch Center, Airoli

Daily system Report

for

24/May/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 24/May/2010 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	85.541	2187.093	1) Madhya Pradesh	82.110	1648.487
2) Hydro	7.978	578.803	2) Gujrat	21.123	543.252
3) Gas	16.530	390.459	3) Goa	-6.545	-155.011
Total MSGENCO	110.049	3156.355	4) TAPS 1&2 (Inj.)	7.216	172.704
B) OTHERS			5) Pench (Excess)	-0.208	-7.322
1) RGPPL Gas	36.738	797.463	# Total Cent. Sector	103.696	2202.110
2) Wind Generation	21.883	279.506	F) Other Exchanges		
3) CPP	4.130	99.971	1) With TPCL (Excess)	-10.272	-200.121
4) PENCH (MS)	0.208	7.504	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	13.655	203.895
1) TPCL Thermal	31.731	778.011	Include PX	3.609	82.424
2) TPCL Hydro	3.995	78.073	2) MUMBAI Bilateral	11.367	219.663
TOTAL TPCL	35.726	856.084	Include PX	1.593	24.356
3) REL Thermal	12.493	299.178	3) MUMBAI Schedule	11.367	219.663
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	129.765	3264.282	1) MSEDCL	266.432	6342.788
2) Hydro (A2+B3+C2)	12.181	664.380	2) TPCL	37.772	863.418
3) Gas (A3+B1)	53.268	1187.922	3) REL	20.718	491.965
4) Wind (B2)	21.883	279.506	TOTAL STATE	324.922	7698.171
5) CPP (B3)	4.130	99.971			
TOTAL STATE	221.227	5496.061			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	3610	3667	3494
MSGENCO Hydro	278	526	156
MSGENCO Gas	690	686	708
MSGENCO Total Generation	4578	4879	4358
Central Sector Receipt	4774	4642	3505
RGPPL	1531	1532	1549
WIND	950	1012	1137
CPP	169	176	177
Exchange with TPCL	-642	-640	-157
MSEDCL DEMAND MET	11360	11601	10569
Load Shedding	4007	4137	2382
MSEDCL DEMAND (INCL. LS)	15367	15738	12951
TPCL GENERATION	1760	1720	1291
REL GENERATION	522	518	521
TPCL+REL DEMAND	2924	2878	1969
STATE DEMAND MET	14284	14479	12538
STATE DEMAND (INCL. LS)	18291	18616	14920
Frequency (Hz)	49.79	49.87	50.03
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5647 MW AT 20.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			109.56 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.48 Hz at 18.06 Hrs	49.33 Hz at 23.03 Hrs	49.88	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 24/May/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.82	40.19	82	46	75
Unit 2	0.00	34.54	0	0	0
Unit 3	0.59	34.42	76	0	0
Unit 4	1.59	8.65	75	48	60
Unit 5	0.86	57.27	141	0	100
Unit 6	2.28	65.61	140	40	100
Unit 7	2.36	76.69	135	45	120
	9.50	317.37			455
Bhusawal					
Unit 1	1.06	24.27	49	36	50
Unit 2	4.10	101.48	185	150	195
Unit 3	3.76	85.72	170	140	190
	8.92	211.47			435
Parli					
Unit 1	0.00	11.91	0	0	0
Unit 2	0.55	13.14	24	21	22
Unit 3	4.19	93.44	186	159	170
Unit 4	3.92	93.08	183	129	180
Unit 5	3.41	88.30	155	124	120
Unit 6	5.93	141.52	252	228	250
Unit 7	4.08	106.32	245	0	
	22.08	547.72			742
Chandrapur					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	4.16	101.27	182	148	180
Unit 4	0.00	0.00	0	0	0
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
	4.16	101.27			180
Paras					
Unit 2	0.55	18.08	25	20	24
Unit 3	4.34	99.77	228	131	140
Unit 4	2.81	77.05	215	0	
	7.70	194.90			164
Khaparkheda					
Unit 1	4.76	105.66	210	175	210
Unit 2	4.21	96.13	182	152	180
Unit 3	4.47	101.85	196	170	190
Unit 4	4.12	92.07	182	159	190
	17.55	395.71			770
Nasik					
Unit 1	0.00	42.28	0	0	0
Unit 2	1.97	50.19	92	76	90
Unit 3	4.62	110.87	203	178	190
Unit 4	4.49	106.58	200	176	190
Unit 5	4.53	108.72	195	177	190
	15.62	418.64			660
Koyna					
Stage 1-2	1.94	124.15	220	40	600
Stage 4	1.31	291.12	769	0	250
Stage 3	0.79	89.54	156	0	320
	4.03	504.81			1170
Kovna 12&4 Total	3.25	415.27			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units	16.53	390.46	714	655	680	
	16.53	390.46			680	
Hydro						
KDPH	0.58	9.00	31	17	17	
VTRNA	0.51	8.58	61	0	60	
TILLARI	0.00	6.28	0	0	58	
BHTGR/VEER	0.42	9.36	18	17	5	
BHIRA T.R.	0.12	3.36	37	0	80	
RNGR+BHTSA	0.27	6.39	13	4	9	
BHANDARDRA	0.67	12.20	29	28	15	
ELDARY	0.00	0.00	0	0	0	
SMLHY PTN	1.03	14.22	50	41	15	
GHATGHAR	0.33	4.59	125	0	0	
	3.94	73.99			259	
PENCH (MS)						
Pench (MS)	0.21	7.50	45	0		
	0.21	7.50				
Wind						
MalharPeth	0.62	7.67				
Vankuswadi	1.49	16.49				
ATIT	0.22	6.38				
Kale	0.55	7.86				
Satara	0.49	10.98				
Shirala	0.48	7.37				
K Mahankal	1.68	7.65				
Supa	0.20	4.75				
Vita	2.92	27.77				
Dondaicha	8.23	117.41				
Sakri	1.38	18.08				
Nandurbar	1.14	15.71				
Khadakale	1.17	17.76				
Khaparale	1.33	13.62				
	21.88	279.51				
CPP						
TOTAL CPP	4.13	99.97				
	4.13	99.97				
Dabhol						
RGPPL	36.74	797.46	1554	1350	1520	
	36.74	797.46			1520	
Tata						
Trombay 4	2.61	49.43	111	102	100	
Trombay 5	9.96	236.96	415	415	415	
Trombay 6	10.52	248.19	500	220	500	
Trombay 7A	2.84	67.12	120	117	120	
Trombay 7B	1.58	37.56	67	65	60	
Trombay 8	4.22	138.74	251	150	250	
TATA Hydro	4.00	78.07	402	0	447	
	35.73	856.08			1892	
REL						
1&2	12.49	299.18	524	517	500	
	12.49	299.18			500	
Cent Sect						
Share					3621	
					3621	
MS PG CL	Thermal	85.54	2187.09		3406	
	Thml+Gas	102.07	2577.55		4086	
	Hydro	7.98	578.80		1429	
	Total	110.05	3156.36		5515	
State Total		221.23	5496.06		13048	

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/May/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	3566	156	678	4400	1350	991	176	3501	4425	-492	-446	10913	1964	12877	2298	15175	49.90
2	3541	161	693	4395	1542	1094	180	3294	4055	-288	-238	11028	2468	13496	2070	15566	50.01
3	3494	156	708	4358	1549	1137	177	3199	3505	-193	-157	10569	2382	12951	1969	14920	50.03
4	3566	161	711	4438	1550	1132	182	3199	3775	-193	-159	10918	2243	13161	1862	15023	50.09
5	3578	156	709	4443	1548	1104	169	3202	4079	-193	-149	11194	2276	13470	1835	15305	49.95
6	3493	161	706	4360	1546	1019	172	3202	3921	-193	-166	10852	2664	13516	1847	15363	49.87
7	3465	156	714	4335	1554	924	165	3321	3426	-267	-224	10180	3810	13990	1824	15814	50.18
8	3446	192	707	4345	1550	932	173	3319	3242	-267	-242	10000	3935	13935	1862	15797	49.98
9	3436	218	704	4358	1545	898	182	3448	3789	-401	-371	10401	4077	14478	2139	16617	50.01
10	3439	227	694	4360	1536	902	182	3711	4052	-548	-525	10507	4180	14687	2520	17207	49.83
11	3523	231	695	4449	1535	742	183	3786	4572	-595	-577	10904	4126	15030	2825	17855	49.90
12	3610	278	690	4578	1531	950	169	3847	4774	-692	-642	11360	4007	15367	2924	18291	49.79
13	3663	564	685	4912	1528	669	176	3798	5012	-740	-681	11616	3866	15482	2914	18396	49.73
14	3728	626	683	5037	1526	537	182	3753	5025	-692	-636	11671	3617	15288	2861	18149	49.70
15	3711	584	684	4979	1521	705	183	3690	4940	-740	-685	11643	3813	15456	2958	18414	49.69
16	3763	494	688	4945	1528	764	184	3642	4330	-763	-714	11037	4213	15250	2962	18212	49.82
17	3667	526	686	4879	1532	1012	176	3550	4642	-692	-640	11601	4137	15738	2878	18616	49.87
18	3559	228	679	4466	1541	973	138	3684	4617	-692	-639	11096	3938	15034	2824	17858	50.10
19	3545	240	681	4466	1543	932	142	3366	4062	-569	-519	10626	4304	14930	2641	17571	50.07
20	3550	294	677	4521	1538	950	141	3499	4655	-544	-490	11351	4447	15798	2624	18422	49.83
21	3539	309	675	4523	1535	939	152	3417	4750	-447	-394	11548	3888	15436	2508	17944	49.72
22	3534	298	674	4506	1537	808	183	3372	5254	-402	-345	11988	3538	15526	2461	17987	49.72
23	3558	528	655	4741	1534	837	181	3256	5091	-362	-296	12133	3056	15189	2457	17646	49.60
24	3561	1034	657	5252	1539	929	182	3258	3704	-403	-337	11291	3025	14316	2428	16744	49.66
MUs	85.54	7.98	16.53	110.05	36.74	21.88	4.13	83.31	103.70	-11.37	-10.27	266.43	83.97	350.40	58.49	408.89	49.88

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 24/May/2010

Position as on 6.30 Hrs of 25/May/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	30/05/2010
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.	30/05/2010
Chandrapur Unit 7	500	25/04/2010	00.23		Continued.	Water Balancing Problem.	30/06/2010
Chandrapur Unit 4	210	28/04/2010	22.53		Continued.	Water Balancing problem	15/06/2010
Cent_Sect NTPC(V-4)	210	19/05/2010	17:09		Continued.	Annual O/H .	09/06/2010
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	
Cent_Sect NTPC(K-4)	500	09/05/2010	07.00		Continued.	Boiler Tube Leakage.	24/05/2010
Paras Unit 4	250	19/05/2010	04.50	24/05/2010	06:55	Water valve leakage.	24/05/2010
Koradi Unit 3	105	20/05/2010	13:55	24/05/2010	11:46	Vibration problem.	24/05/2010
Koradi Unit 2	105	23/05/2010	03.00		Continued.	Boiler Tube Leakage.	26/05/2010
Nasik Unit 1	125	23/05/2010	09:00		Continued.	Boiler tube leakage.	26/05/2010
Parli Unit 4	210	23/05/2010	19:38	24/05/2010	00.01	Tripped on Low vaccum.	
Parli Unit 1	30	23/05/2010	21:54		Continued.	W/DN due to main Steam line leakage.	26/05/2010
Koradi Unit 5	200	24/05/2010	09:07		Continued.	Withdrawn due to bunkering problem.	28/05/2010
Cent_Sect TARAPUR-3	540	24/05/2010	11.28		Continued.	Reacator Problem.	28/05/2010
Parli Unit 7	250	24/05/2010	18:03	25/05/2010	00.10	Auxiliary supply failed.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/May/2010

Position as on 6.30 Hrs of 25/May/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-I	24/05/2010	09.15	24/05/2010	18.50	Work @ Navsari End.
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	15/05/2010	23.44	24/05/2010	12.04	Hand Tripped For Over Voltage.
Dhule-Sar'Sarovar - II	24/05/2010	23.34		Continued.	For Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Mudsungi-Amona	23/05/2010	20:02	24/05/2010	19.34	Tripped, distance protection, Y-Ph to earth.
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.
N.Koyna-jaigad-I	21/05/2010	12.28		Continued.	Maintenance Work.
C'pur-Parli II	24/05/2010	08.08	24/05/2010	18.54	Replacement of Faulty Disc Insulator.
Lonikand - Parly - II	24/05/2010	08.48	24/05/2010	19.29	Replacement of Faulty Disc Insulator.
Karad-Kolhapur CKT I	24/05/2010	08.54	24/05/2010	16.40	Replacement of Faulty Disc Insulator.
Karad-New Koyna II	24/05/2010	12.15	24/05/2010	12.29	C B Air Leakage,Line on TBC.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV,100 MVA ICT-I At Kalmeshwar	20/02/2010	10.34		Continued.	ICT replacement work.
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.
Parbhani-Pusad	24/05/2010	07.24	24/05/2010	18.00	E/W Replacement Work.
Girawli - New Parly TPS	24/05/2010	15.25		Continued.	R Ph CT Replacement Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	22/05/2010	18.38	24/05/2010	10.36	To Control Over Voltage.
Bhusawal- Aurangabad	24/05/2010	18.01		Continued.	For 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.
Voltage Level : 220KV			Outage Type TRIPPED		
Koradi-Ambazari ckt - II	24/05/2010	12.26	24/05/2010	14.31	Distance Protection Operated.
Dondaicha - Suzlon - I	24/05/2010	12.45	24/05/2010	13.30	Distance Protection Operated.
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.
Kardha-Sakoli	07/05/2010	17.40		Continued.	Y phase Breaker Pole Burst at Kardha

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 25/May/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	85
Unit 2	105	0
Unit 3	105	75
Unit 4	105	75
Unit 5	200	0
Unit 6	210	130
Unit 7	210	150
	1040	515
Bhusawal		
Unit 1	58	50
Unit 2	210	195
Unit 3	210	170
	478	415
Parli		
Unit 1	30	0
Unit 2	30	22
Unit 3	210	170
Unit 4	210	180
Unit 5	210	150
Unit 6	250	225
Unit 7	250	
	1190	747
Chandrapur		
Unit 1	210	0
Unit 2	210	0
Unit 3	210	180
Unit 4	210	0
Unit 5	500	0
Unit 6	500	0
Unit 7	500	0
	2340	180
Paras		
Unit 2	55	24
Unit 3	250	220
Unit 4	250	
	555	244
Khaparkheda		
Unit 1	210	210
Unit 2	210	180
Unit 3	210	190
Unit 4	210	190
	840	770
Nasik		
Unit 1	120	0
Unit 2	120	90
Unit 3	210	200
Unit 4	210	190
Unit 5	210	200
	870	680
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	31
VTRNA	60	60
TILLARI	60	0
BHTGR/VEER	21	18
BHIRA T.R.	80	40
RNGR+BHTSA	20	13
BHANDARDRA	45	30
ELDARY	23	0
SMLHY PTN	12	8
GHATGHAR	250	0
	611	200
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	400
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	3505
	3143	3505

	17376	12993
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