



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

State Load Dispatch Center, Airoli

Daily system Report

for

08/May/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 08/May/2010 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	90.852	729.391	1) Madhya Pradesh	88.085	572.293
2) Hydro	20.009	143.959	2) Gujrat	18.964	177.140
3) Gas	16.583	129.870	3) Goa	-6.386	-48.270
Total MSGENCO	127.444	1003.220	4) TAPS 1&2 (Inj.)	7.145	57.119
B) OTHERS			5) Pench (Excess)	-0.160	-1.232
1) RGPPL Gas	36.445	256.428	# Total Cent. Sector	107.648	757.050
2) Wind Generation	5.695	64.145	F) Other Exchanges		
3) CPP	3.743	32.476	1) With TPCL (Excess)	-8.533	-67.887
4) PENCH (MS)	0.160	1.232	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	11.332	44.886
1) TPCL Thermal	32.705	256.628	Include PX	5.390	16.631
2) TPCL Hydro	3.202	23.276	2) MUMBAI Bilateral	9.269	76.791
TOTAL TPCL	35.907	279.904	Include PX	0.663	8.517
3) REL Thermal	12.430	99.616	3) MUMBAI Schedule	9.269	76.791
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	135.987	1085.635	1) MSEDCL	272.602	2046.664
2) Hydro (A2+B3+C2)	23.371	168.467	2) TPCL	36.258	283.043
3) Gas (A3+B1)	53.028	386.298	3) REL	20.612	164.355
4) Wind (B2)	5.695	64.145	TOTAL STATE	329.472	2494.062
5) CPP (B3)	3.743	32.476			
TOTAL STATE	221.824	1737.021			

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	3884	3984	3523
MSGENCO Hydro	984	1283	188
MSGENCO Gas	686	686	708
MSGENCO Total Generation	5554	5953	4419
Central Sector Receipt	4701	3939	4812
RGPPL	1520	1533	1547
WIND	111	227	280
CPP	157	158	154
Exchange with TPCL	-510	-379	-139
MSEDCL DEMAND MET	11533	11431	11073
Load Shedding	4017	4706	1861
MSEDCL DEMAND (INCL. LS)	15550	16137	12934
TPCL GENERATION	1738	1637	1245
REL GENERATION	519	517	519
TPCL+REL DEMAND	2767	2533	1903
STATE DEMAND MET	14300	13964	12976
STATE DEMAND (INCL. LS)	18317	18670	14837
Frequency (Hz)	49.66	49.69	50.19
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			6476 MW AT 20.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			130.47 MUS

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.32 Hz at 04.02 Hrs	49.23 Hz at 23.18 Hrs	49.81	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 08/May/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.74	13.38	78	61	71
Unit 2	1.80	12.88	81	66	72
Unit 3	1.97	14.38	86	76	78
Unit 4	0.00	0.01	0	0	0
Unit 5	2.48	21.22	164	80	88
Unit 6	2.73	24.13	134	81	91
Unit 7	2.40	24.86	130	81	64
	13.12	110.86			464
Bhusawal					
Unit 1	1.05	8.08	47	39	50
Unit 2	4.26	34.61	194	150	195
Unit 3	4.47	18.99	192	182	195
	9.78	61.68			440
Parli					
Unit 1	0.56	4.44	25	21	22
Unit 2	0.53	4.36	24	20	22
Unit 3	4.29	30.35	190	165	180
Unit 4	3.46	30.69	180	118	175
Unit 5	3.95	29.84	180	143	180
Unit 6	6.04	47.78	254	249	250
Unit 7	3.93	31.44	248	0	
	22.75	178.90			829
Chandrapur					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	4.28	34.09	196	143	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
	4.28	34.09			180
Paras					
Unit 2	1.05	8.20	46	40	46
Unit 3	5.64	26.10	247	199	220
Unit 4	2.03	30.05	130	0	
	8.72	64.35			266
Khaparkheda					
Unit 1	1.34	35.34	175	0	0
Unit 2	3.98	34.26	179	144	180
Unit 3	4.18	35.73	182	167	190
Unit 4	4.33	29.71	192	169	190
	13.83	135.04			560
Nasik					
Unit 1	2.20	17.56	99	61	99
Unit 2	2.31	16.49	100	92	99
Unit 3	4.87	37.75	212	189	192
Unit 4	4.34	36.02	187	167	172
Unit 5	4.65	36.64	201	185	192
	18.38	144.47			754
Koyna					
Stage 1-2	3.96	32.18	490	35	600
Stage 4	9.53	69.21	1124	0	250
Stage 3	3.47	22.50	318	0	320
	16.95	123.89			1170
Kovna 12&4 Total	13.49	101.39			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		16.58	129.87	708	680	670
		16.58	129.87			670
Hydro						
KDPH		0.00	1.95	0	0	0
VTRNA		0.58	2.31	61	0	0
TILLARI		0.41	2.48	60	0	60
BHTGR/VEER		0.11	3.13	5	4	10
BHIRA T.R.		0.16	1.03	76	0	80
RNGR+BHTSA		0.26	2.12	11	11	11
BHANDARDRA		0.88	1.06	46	26	0
ELDARY		0.00	0.00	0	0	0
SMLHY PTN		0.58	4.51	32	22	20
GHATGHAR		0.08	1.48	72	0	0
		3.06	20.07			181
PENCH (MS)						
Pench (MS)		0.16	1.23	23	0	
		0.16	1.23			
Wind						
MalharPeth		0.15	1.43			
Vankuswadi		0.35	3.24			
ATIT		0.11	1.45			
Kale		0.11	1.27			
Satara		0.24	2.35			
Shirala		0.08	1.28			
K Mahankal		0.04	0.60			
Supa		0.19	1.09			
Vita		0.34	5.64			
Dondaicha		2.42	30.32			
Sakri		0.34	4.62			
Nandurbar		0.38	3.82			
Khadakale		0.68	4.34			
Khaparale		0.29	2.70			
		5.70	64.14			
CPP						
TOTAL CPP		3.74	32.48			
		3.74	32.48			
Dabhol						
RGPPL		36.44	256.43	1547	1249	1500
		36.44	256.43			1500
Tata						
Trombay 4		1.70	7.83	101	33	65
Trombay 5		9.96	77.76	415	415	415
Trombay 6		10.65	87.82	510	220	500
Trombay 7A		2.79	22.35	119	113	120
Trombay 7B		1.58	12.58	66	65	60
Trombay 8		6.02	48.29	255	250	250
TATA Hydro		3.20	23.28	391	0	447
		35.91	279.90			1857
REL						
1&2		12.43	99.62	521	514	500
		12.43	99.62			500
Cent Sect						
Share						3227
						3227
MS PG CL	Thermal	90.85	729.39			3493
	Thml+Gas	107.44	859.26			4163
	Hydro	20.01	143.96			1351
	Total	127.44	1003.22			5514
State Total		221.82	1737.02			12598

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/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	3444	691	692	4827	1249	298	156	3122	4893	-312	-306	11121	1668	12789	2302	15091	49.79
2	3441	188	698	4327	1508	318	155	3029	4492	-222	-213	10587	2193	12780	2141	14921	49.94
3	3499	178	706	4383	1544	277	157	2982	4708	-177	-157	10912	1984	12896	2001	14897	50.13
4	3523	188	708	4419	1547	280	154	2983	4812	-177	-139	11073	1861	12934	1903	14837	50.19
5	3512	188	706	4406	1539	323	157	2984	4988	-177	-140	11273	1895	13168	1869	15037	49.97
6	3524	707	688	4919	1541	320	156	2984	4596	-177	-143	11389	2476	13865	1872	15737	49.83
7	3575	151	682	4408	1532	314	158	3398	4233	-213	-176	10469	3640	14109	1842	15951	49.93
8	3646	128	680	4454	1533	253	152	3397	4469	-213	-197	10664	3871	14535	1843	16378	49.92
9	3714	208	690	4612	1529	221	137	3538	4448	-348	-329	10618	4128	14746	2019	16765	49.96
10	3740	461	696	4897	1520	131	148	3683	4817	-480	-468	11045	4274	15319	2329	17648	49.80
11	3774	672	695	5141	1525	98	156	3727	4729	-528	-512	11137	4266	15403	2638	18041	49.73
12	3884	984	686	5554	1520	111	157	3711	4701	-528	-510	11533	4017	15550	2767	18317	49.66
13	3929	1277	687	5893	1525	139	159	3706	4899	-530	-504	12134	3880	16014	2798	18812	49.75
14	3984	1384	690	6058	1521	182	158	3703	4630	-530	-503	12069	3625	15694	2735	18429	49.68
15	3997	1763	684	6444	1517	189	155	3693	4135	-530	-504	11959	3798	15757	2818	18575	49.59
16	3848	1356	685	5889	1517	241	160	3693	4227	-530	-495	11546	4226	15772	2841	18613	49.63
17	3816	659	691	5166	1529	322	158	3694	4977	-530	-491	11663	4179	15842	2741	18583	49.85
18	3884	397	684	4965	1530	345	158	3614	5128	-530	-491	11635	4086	15721	2588	18309	49.83
19	3930	383	686	4999	1538	332	159	3184	4429	-437	-372	11085	4576	15661	2435	18096	49.96
20	3984	1283	686	5953	1533	227	158	3217	3939	-437	-379	11431	4706	16137	2533	18670	49.69
21	4019	1870	688	6577	1536	272	158	3223	3766	-430	-393	11926	4166	16092	2540	18632	49.62
22	4078	1477	694	6249	1540	142	159	3222	4296	-430	-390	12018	3793	15811	2474	18285	49.73
23	4098	1675	693	6466	1539	152	158	3208	4100	-430	-391	12047	3197	15244	2429	17673	49.76
24	4009	1741	688	6438	1533	208	160	3115	3236	-376	-330	11268	3151	14419	2412	16831	49.59
MUs	90.85	20.01	16.58	127.44	36.44	5.70	3.74	80.81	107.65	-9.27	-8.53	272.60	83.66	356.26	56.87	413.13	49.81

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 08/May/2010

Position as on 6.30 Hrs of 09/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
Cent_Sect NTPC(K-1)	210	01/04/2010	23.52		Continued.	Annual Overhaul.	10/05/2010
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
Cent_Sect NTPC (V-1)	210	25/04/2010	23.30		Continued.	Annual Overhaul.	20/05/2010
Chandrapur Unit 4	210	28/04/2010	22.53		Continued.	Water Balancing problem	15/06/2010
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	
Koradi Unit 4	115	01/05/2010	00.23		Continued.	Commutator problem.	11/05/2010
Cent_Sect TARAPUR-3	540	02/05/2010	20:55		Continued.	Cooling water pump problem.	12/05/2010
Parli Unit 7	250	07/05/2010	21.14	08/05/2010	02.07	Loss of fuel.	
Paras Unit 4	250	08/05/2010	02.49	08/05/2010	08.10	Low Drum Level	
Khaparkheda Unit 1	210	08/05/2010	04.13	08/05/2010	13.41	High Drum Level	
Bhusawal Unit 3	210	09/05/2010	02.45	09/05/2010	05.25	Furnace Pressure High.	
Cent_Sect NTPC(K-4)	500	09/05/2010	07.00		Continued.	Boiler Tube Leakage.	11/05/2010
Koradi Unit 6	210	09/05/2010	07.05		Continued.	Boiler Tube Leakage.	12/05/2010
Parli Unit 7	250	09/05/2010	17.44	09/05/2010	23.32	Boiler Feed Pump.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/May/2010

Position as on 6.30 Hrs of 09/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		
Bhoisor-Bhoisor(PGCIL)-I	09/05/2010	09.02	09/05/2010	17.52	Attending Hot Spot.
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	05/05/2010	01.09	09/05/2010	17.57	Due to Over Voltage @ Dhule End.
Dhule-Sar'Sarovar - II	09/05/2010	08.46		Continued.	For Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Lonikand- Koyna Stage IV	20/04/2010	21.59		Continued.	29B Isolator Replacement, Hot Spot Work, Line on TBC.
400/220 KV, 315 MVA ICT II JEJURI	05/05/2010	09.00		Continued.	Own breaker problem. Taken on tie breaker.
Karad-New Koyna II	08/05/2010	06.01	08/05/2010	12.03	Tightening of Jumpers
Main Bus - I @ Chakan	09/05/2010	10.10	09/05/2010	18.40	Replacement of R Ph P G Isolator.
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
BBLSR-Waluj	07/05/2010	06.41		Continued.	Restraining of Earthwire.
Kalwa - Ghatghar	07/05/2010	08.36		Continued.	Replacement of Conductor and Insulator
Chalisgaon-BSL-I	08/05/2010	07.30	08/05/2010	12.38	Relay Testing Work of Line Routine Maintenance Work.
Borivali-Aarey-II	09/05/2010	07.35	09/05/2010	11.55	Attending Hot Spot.
220/132 KV 50 MVA ICT @ Gadchiroli	09/05/2010	11.00	09/05/2010	19.50	Oil Filtration Work.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 Kv ICT 2 at Nagothane	08/05/2010	17.33	08/05/2010	18.36	Attending of Oil Leakage Near Nain Buchloz.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
100 MVA 220/33 KV ICT - I @ Jamde	08/05/2010	08.49	08/05/2010	12.15	Jumpering Work of 33 KV Bus.
100 MVA 220/33 KV ICT - II @ Jamde	08/05/2010	08.53	08/05/2010	12.44	Jumpering Work of 33 KV Bus.
M.B.I at Ghodbunder	08/05/2010	10.10	08/05/2010	12.50	For Installing Voltage L V Meter.
Bus Section -II @ Pawas	08/05/2010	10.45	08/05/2010	17.45	Insulator Washing & Cleaning Work.
Main Bus - II @ Ghodbundar	08/05/2010	14.53	08/05/2010	16.50	For Installation of SVR.
BBLSR-RANJANGAON	08/05/2010	16.00	08/05/2010	17.25	To Attend The Line Clearance Problem.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bableshwar-Aurangabad	07/05/2010	11.52	08/05/2010	08.13	To control A'Bad ICT Loading
Bhusawal- Aurangabad	08/05/2010	09.43		Continued.	Hand Tripped.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chandrapur - Warora - II.	24/04/2010	11.30		Continued.	To Control C'pur ICT-I Loading.
Chandrapur-Warora - I	08/05/2010	19.35	09/05/2010	06.49	To Control Loading on Single C'pur ICT.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/May/2010

Position as on 6.30 Hrs of 09/May/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV,315 MVA ICT-II at Chandrapur	24/04/2010	04.26		Continued.	Tripped Due to Y Ph L V Side Bushing Burst.
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.
Padgha - Chakan	07/05/2010	18.16	08/05/2010	07.05	Tripped on CVT Fuse Fail
Voltage Level : 220KV			Outage Type TRIPPED		
Sahara-B'dying	07/05/2010	08.49	08/05/2010	05:25	Distance Protection,Conductor Snaped @ Loc No.206 and 207.
N.Koyna-Phinolex	07/05/2010	23.35	08/05/2010	00.01	Distance protection.
Murud-Bale	08/05/2010	11.22	08/05/2010	13.55	Distance Protection.
Dhule - Dondaicha	08/05/2010	13.04	08/05/2010	14.42	Directional IDMT,E/F,Air Lock Out.
Kandalgaon-Bhira	08/05/2010	22.40		Continued.	B Ph C T of Bhira Burst.
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
Voltage Level : 100KV			Outage Type TRIPPED		
Kalwa-Kalyan	08/05/2010	14.57	08/05/2010	15.06	Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 09/May/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	75
Unit 2	105	75
Unit 3	105	80
Unit 4	105	0
Unit 5	200	120
Unit 6	210	130
Unit 7	210	130
	1040	610
Bhusawal		
Unit 1	58	50
Unit 2	210	195
Unit 3	210	100
	478	345
Parli		
Unit 1	30	22
Unit 2	30	22
Unit 3	210	165
Unit 4	210	190
Unit 5	210	175
Unit 6	250	250
Unit 7	250	0
	1190	824
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	46
Unit 3	250	250
Unit 4	250	0
	555	296
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	95
Unit 3	210	200
Unit 4	210	190
Unit 5	210	210
	870	790
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Uran		
All Units	852	690

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	690
Hydro		
KDPH	40	0
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	10
BHIRA T.R.	80	80
RNGR+BHTSA	20	11
BHANDARDRA	45	18
ELDARY	23	0
SMLHY PTN	12	22
GHATGHAR	250	0
	611	261
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	1500
	960	1500
Tata		
Trombay 4	150	65
Trombay 5	500	415
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	80
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3444
	3143	3444