



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

State Load Dispatch Center, Airoli

Daily system Report

for

11/Apr/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 11/Apr/2010 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	117.685	1334.739	1) Madhya Pradesh	47.470	535.577
2) Hydro	24.977	284.021	2) Gujrat	30.900	305.452
3) Gas	15.607	161.689	3) Goa	-6.948	-74.234
Total MSGENCO	158.269	1780.449	4) TAPS 1&2 (Inj.)	6.215	56.103
B) OTHERS			5) Pench (Excess)	-0.176	-4.142
1) RGPPL Gas	39.289	413.785	# Total Cent. Sector	77.461	818.756
2) Wind Generation	7.341	71.994	F) Other Exchanges		
3) CPP	4.350	49.505	1) With TPCL (Excess)	-3.539	-70.720
4) PENCH (MS)	0.176	4.142	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	7.743	61.981
1) TPCL Thermal	29.207	333.073	Include PX	0.000	17.257
2) TPCL Hydro	0.200	45.305	2) MUMBAI Bilateral	4.722	78.808
TOTAL TPCL	29.407	378.378	Include PX	-0.356	7.639
3) REL Thermal	12.531	138.136	3) MUMBAI Schedule	4.722	78.808
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	159.423	1805.948	1) MSEDCL	283.347	3067.911
2) Hydro (A2+B3+C2)	25.353	333.468	2) TPCL	28.096	379.123
3) Gas (A3+B1)	54.896	575.474	3) REL	17.380	208.094
4) Wind (B2)	7.341	71.994	TOTAL STATE	328.823	3655.128
5) CPP (B3)	4.350	49.505			
TOTAL STATE	251.363	2836.389			

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	4945	4867	4937
MSGENCO Hydro	1376	1574	753
MSGENCO Gas	636	631	690
MSGENCO Total Generation	6957	7072	6380
Central Sector Receipt	3513	3547	2807
RGPPL	1265	1622	1858
WIND	239	219	379
CPP	163	217	182
Exchange with TPCL	-157	-226	-93
MSEDCL DEMAND MET	11980	12463	11513
Load Shedding	3256	3525	1971
MSEDCL DEMAND (INCL. LS)	15236	15988	13484
TPCL GENERATION	1248	1328	1121
REL GENERATION	525	519	523
TPCL+REL DEMAND	1930	2073	1737
STATE DEMAND MET	13910	14536	13250
STATE DEMAND (INCL. LS)	17166	18061	15221
Frequency (Hz)	49.48	49.55	49.42
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4690 MW At 15.00Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			91.86 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.28 Hz at 17:08 Hrs	48.79 Hz at 05:45 Hrs	49.46	2.01 % 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 11/Apr/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.61	18.86	78	43	75
Unit 2	1.14	15.97	68	0	65
Unit 3	1.51	17.84	75	46	75
Unit 4	1.47	16.80	76	22	75
Unit 5	3.74	29.53	173	140	140
Unit 6	0.00	36.95	0	0	0
Unit 7	4.26	50.99	200	154	160
	13.73	186.93			590
Bhusawal					
Unit 1	1.14	11.36	52	37	50
Unit 2	4.37	46.77	192	172	195
Unit 3	4.43	48.08	190	180	195
	9.94	106.20			440
Parli					
Unit 1	0.52	5.79	23	20	22
Unit 2	0.56	5.56	24	22	22
Unit 3	0.00	0.00	0	0	0
Unit 4	3.43	39.77	163	109	150
Unit 5	4.22	46.62	186	165	170
Unit 6	5.89	63.90	254	230	250
Unit 7	0.00	14.53	0	0	
	14.62	176.18			614
Chandrapur					
Unit 1	0.00	23.81	0	0	0
Unit 2	3.73	26.25	170	146	150
Unit 3	4.53	44.69	200	162	200
Unit 4	4.57	49.19	195	161	200
Unit 5	10.26	109.36	445	410	450
Unit 6	0.00	0.32	0	0	0
Unit 7	10.24	112.57	455	402	425
	33.32	366.19			1425
Paras					
Unit 2	1.03	11.01	45	38	46
Unit 3	5.68	63.05	245	225	250
Unit 4	3.10	25.62	165	91	
	9.81	99.68			296
Khaparkheda					
Unit 1	5.00	54.16	214	205	210
Unit 2	4.43	49.34	190	177	180
Unit 3	4.52	41.12	193	182	190
Unit 4	4.52	52.60	194	181	190
	18.47	197.23			770
Nasik					
Unit 1	2.17	24.80	98	78	100
Unit 2	1.94	23.22	97	60	90
Unit 3	4.48	53.12	207	166	210
Unit 4	4.56	49.95	197	182	200
Unit 5	4.64	51.25	203	180	210
	17.79	202.34			810
Koyna					
Stage 1-2	4.30	54.65	500	35	600
Stage 4	12.37	137.85	1120	0	250
Stage 3	3.73	40.58	320	0	320
	20.40	233.07			1170
Kovna 12&4 Total	16.67	192.50			850

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		15.61	161.69	700	581	680
		15.61	161.69			680
Hydro						
KDPH		0.61	5.74	39	19	38
VTRNA		1.34	12.58	61	0	61
TILLARI		0.36	4.03	60	0	59
BHTGR/VEER		0.11	1.99	5	4	5
BHIRA T.R.		0.16	2.62	80	0	80
RNGR+BHTSA		0.32	3.31	14	13	8
BHANDARDRA		0.69	7.87	29	28	30
ELDARY		0.00	1.07	0	0	0
SMLHY PTN		0.78	7.81	41	31	15
GHATGHAR		0.20	3.91	125	0	0
		4.58	50.95			296
PENCH (MS)						
Pench (MS)		0.18	4.14	45	0	
		0.18	4.14			
Wind						
MalharPeth		0.12	2.02			
Vankuswadi		0.28	4.52			
ATIT		0.10	1.76			
Kale		0.14	2.02			
Satara		0.09	3.16			
Shirala		0.11	1.95			
K Mahankal		0.26	1.71			
Supa		0.14	1.86			
Vita		0.70	9.16			
Dondaicha		3.42	28.13			
Sakri		0.56	4.72			
Nandurbar		0.49	4.03			
Khadakale		0.48	4.33			
Khaparale		0.45	2.62			
		7.34	71.99			
CPP						
TOTAL CPP		4.35	49.50			
		4.35	49.50			
Dabhol						
RGPPL		39.29	413.78	1870	1137	1550
		39.29	413.78			1550
Tata						
Trombay 4		0.00	0.00	0	0	0
Trombay 5		9.96	109.56	415	415	420
Trombay 6		8.81	110.90	510	250	500
Trombay 7A		2.83	31.17	120	116	120
Trombay 7B		1.59	17.52	68	66	60
Trombay 8		6.01	63.93	255	250	250
TATA Hydro		0.20	45.30	104	0	447
		29.41	378.38			1797
REL						
1&2		12.53	138.14	525	519	500
		12.53	138.14			500
Cent Sect						
Share						3025
						3025
MS PG CL	Thermal	117.68	1334.74			4945
	Thml+Gas	133.29	1496.43			5625
	Hydro	24.98	284.02			1466
	Total	158.27	1780.45			7091
State Total		251.36	2836.39			13963

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 11/Apr/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	4924	1649	690	7263	1840	262	185	2823	2678	-147	-95	12173	1786	13959	2084	16043	49.15
2	4933	1226	680	6839	1840	341	185	2828	2858	-147	-89	12014	1822	13836	1954	15790	49.20
3	4897	988	688	6573	1850	373	178	2822	2840	-147	-92	11767	1666	13433	1797	15230	49.36
4	4937	753	690	6380	1858	379	182	2738	2807	-147	-93	11513	1971	13484	1737	15221	49.42
5	4884	790	689	6363	1845	398	180	2738	2768	-147	-90	11464	2143	13607	1713	15320	49.19
6	4925	1188	690	6803	1850	380	180	2740	2642	-147	-99	11756	2478	14234	1738	15972	49.18
7	4998	311	700	6009	1870	394	156	2905	2701	-55	-4	11126	3498	14624	1692	16316	49.51
8	4980	219	697	5896	1860	400	157	2918	2651	-55		10964	3696	14660	1650	16310	49.45
9	4985	202	684	5871	1816	211	147	2934	2798	-77	-25	10818	3776	14594	1702	16296	49.59
10	5011	570	677	6258	1492	201	162	3056	3350	-144	-103	11360	3683	15043	1778	16821	49.77
11	4964	1388	664	7016	1137	184	163	2984	3266	-200	-160	11606	3293	14899	1874	16773	49.56
12	4945	1376	636	6957	1265	239	163	2981	3513	-200	-157	11980	3256	15236	1930	17166	49.48
13	4877	1332	609	6818	1323	310	170	3181	3372	-202	-154	11839	3222	15061	1936	16997	49.42
14	4883	1122	609	6614	1320	351	156	3184	3420	-202	-147	11714	3220	14934	1918	16852	49.45
15	4868	968	610	6446	1410	401	168	3270	3562	-259	-215	11772	3410	15182	1916	17098	49.64
16	4832	499	624	5955	1670	361	162	3249	3666	-259	-211	11603	3366	14969	1881	16850	49.66
17	4856	207	634	5697	1657	383	169	3235	4195	-259	-206	11895	3377	15272	1877	17149	49.86
18	4799	202	637	5638	1650	331	182	3084	4343	-259	-206	11938	3009	14947	1844	16791	49.86
19	4853	448	625	5926	1650	278	225	2893	3728	-264	-204	11626	3346	14972	1892	16864	49.58
20	4867	1574	631	7072	1622	219	217	3067	3547	-264	-226	12463	3525	15988	2073	18061	49.55
21	4828	2003	630	7461	1615	243	223	3080	3406	-264	-215	12733	3131	15864	2102	17966	49.37
22	4797	1874	631	7302	1616	219	228	3083	3210	-264	-221	12354	3130	15484	2125	17609	49.30
23	4898	2079	601	7578	1616	245	208	3085	3127	-264	-257	12517	2917	15434	2137	17571	49.30
24	4948	2009	581	7538	1617	236	204	3147	3014	-351	-270	12355	2098	14453	2127	16580	49.10
MUs	117.69	24.98	15.61	158.27	39.29	7.34	4.35	72.02	77.46	-4.72	-3.54	283.35	70.82	354.17	45.48	399.65	49.46

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 11/Apr/2010

Position as on 6.30 Hrs of 12/Apr/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)	30/04/2010
Parli Unit 3	210	11/03/2010	03.45		Continued.	Annual overhaul	17/04/2010
Chandrapur Unit 6	500	01/04/2010	01.15		Continued.	Annual Overhaul	30/04/2010
Cent_Sect NTPC(V-2)	210	01/04/2010	23.20		Continued.	Annual Overhaul	01/05/2010
Cent_Sect NTPC(K-1)	210	01/04/2010	23.52		Continued.	Annual Overhaul	01/05/2010
Cent_Sect Kawas GT2A	106	05/04/2010	00.11		Continued.	Combustion inspection.	12/04/2010
Chandrapur Unit 1	210	08/04/2010	08.36		Continued.	Annual Overhaul	03/05/2010
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	
Tata Trombay 4	150	01/12/2009	19:16		Continued.	W/Dn.	
Uran Unit 3	60	05/03/2010	09.49		Continued.	Gas Restriction.	
Parli Unit 7	250	04/04/2010	17.16		Continued.	Flame/Failure.	12/04/2010
Koradi Unit 6	210	10/04/2010	08.14		Continued.	Suspected Tube Leakage.	13/04/2010
Koyna Unit 4	75	11/04/2010	07.00	11/04/2010	16.10	R.M.Work	
Koyna ST-IV 2	250	11/04/2010	08.00	11/04/2010	18.25	Maintaince Work.	
Cent_Sect TARAPUR-4	540	11/04/2010	09.58		Continued.	Reactor problem.	
Uran Unit 3	60	11/04/2010	14.14		Continued.	Gas restriction.	
Koradi Unit 2	105	11/04/2010	21.13		Continued.	BLR T/L.	15/04/2010
Koyna Unit 3	75	12/04/2010	03.10		Continued.	W/Dn,Turbine guide bearing oil cooler replacement.	14/04/2010

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Apr/2010

Position as on 6.30 Hrs of 12/Apr/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - II	26/03/2010	17.33		Continued.	H/T.
Akola - Aurangabad - I	09/04/2010	13.00		Continued.	To control Aurangabad ICT loading.
Dhule-Sar'Sarovar - II	10/04/2010	08.06		Continued.	H/T For O/V.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220KV,315MVA ICT-II at N.Koyna	11/04/2010	07.00	11/04/2010	13.44	Attending 'C' Isolator Problem.
Parli-Lonikand - II	11/04/2010	11.20		Continued.	Breaker O/H.line on TBC at Parli end.
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 ICT-II @ Chikali	07/04/2010	17.50		Continued.	Outage for replacement by 200 MVA ICT
220/132 KV,100 MVA T/F-II @ Malegaon	08/04/2010	08.55		Continued.	ICT to be replaced with new 200MVA ICT
220/132 KV,100MVA ICT-I at Beed	08/04/2010	09.15		Continued.	Augmentation of 100 MVA ICT by 200 MVA ICT
220 KV MainBus-II at 400KV Kalwa	09/04/2010	10.49	11/04/2010	15.23	Replacement of 29B Isolator
Pophali - Pedambe - II	11/04/2010	08.05	11/04/2010	17.20	Bay Maintenance work.
Boisor-Versova	11/04/2010	10.31	11/04/2010	18.36	Bay Maintenance,Red Hot Spot.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
132 KV Interconnector I at Bhusawal	07/04/2010	10.47		Continued.	Q.M.Work
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220KV 315MVA ICT-I at Kharghar	06/04/2010	14.10		Continued.	L.V.side breaker on TBC(Own breaker overhauling work.
Voltage Level : 100KV			Outage Type FORCED OUTAGE		
Kalwa - Salsette - II	11/04/2010	05.45	11/04/2010	10.24	Red Hot at Salsette end.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Koradi - Kaparkheda	25/03/2010	19:50		Continued.	H/T.
Khadka - Deepnagar - II	31/03/2010	16.13		Continued.	Handtripped
Kolhapur-Jaigad-I	06/04/2010	17.35		Continued.	H/T
Bhusawal- Aurangabad	09/04/2010	20.45		Continued.	To control A'Bad ICT Loading
Voltage Level : 220KV			Outage Type HAND TRIPPED		
220/22 KV 50 MVA T/F - I @ Airoli	02/04/2010	23.02		Continued.	Hand Tripped.
Kalwa-Colourchem	11/04/2010	14.47	11/04/2010	15.23	H/T,Taken on TBC.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Buldhana-Motala	07/04/2010	10.00		Continued.	To control load ICT-I at 220KV Chikhali
Mehkar - Malegaon	07/04/2010	17.26		Continued.	Outage of ICT-II at Chikhali
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV,150 MVA ICT At Theur.	04/04/2010	13.05		Continued.	Augmentation of ICT by new 200 MVA.
Bableshtar-Bhenda	12/04/2010	01.24	12/04/2010	02.29	Tripped on Dist.Protection.
Voltage Level : 132KV			Outage Type TRIPPED		
132/3.3 KV 6 MVA Stn T/F	15/03/2010	16.16		Continued.	B Ph C T Burst.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Apr/2010

Position as on 6.30 Hrs of 12/Apr/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
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@ Paras _____

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 12/Apr/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	
Unit 2	105	
Unit 3	105	
Unit 4	105	
Unit 5	200	
Unit 6	210	
Unit 7	210	
	1040	
Bhusawal		
Unit 1	58	
Unit 2	210	
Unit 3	210	
	478	
Parli		
Unit 1	30	
Unit 2	30	
Unit 3	210	
Unit 4	210	
Unit 5	210	
Unit 6	250	
Unit 7	250	
	1190	
Chandrapur		
Unit 1	210	
Unit 2	210	
Unit 3	210	
Unit 4	210	
Unit 5	500	
Unit 6	500	
Unit 7	500	
	2340	
Paras		
Unit 2	55	
Unit 3	250	
Unit 4	250	
	555	
Khaparkheda		
Unit 1	210	
Unit 2	210	
Unit 3	210	
Unit 4	210	
	840	
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	
Unit 4	210	
Unit 5	210	
	870	
Koyna		
Stage 1-2	600	
Stage 4	1000	
Stage 3	320	
	1920	
Uran		
All Units	852	

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