



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

State Load Dispatch Center, Airoli

Daily system Report

for

04/Apr/2010

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	126.566	502.518	1) Madhya Pradesh	52.228	192.652
2) Hydro	25.052	72.920	2) Gujrat	30.881	115.360
3) Gas	14.974	56.387	3) Goa	-6.244	-25.389
Total MSGENCO	166.592	631.825	4)TAPS 1&2 (Inj.)	6.679	28.176
B) OTHERS			5)Pench (Excess)	-0.111	-1.263
1) RGPPL Gas	23.350	132.364	# Total Cent. Sector	83.433	309.536
2) Wind Generation	5.394	31.639	F) Other Exchanges		
3) CPP	4.163	17.167	1) With TPCL (Excess)	-3.406	-23.716
4) PENCH (MS)	0.111	1.263	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	4.892	19.532
1) TPCL Thermal	28.636	115.864	Include PX	2.268	9.072
2) TPCL Hydro	0.181	10.733	2) MUMBAI Bilateral	4.543	27.465
TOTAL TPCL	28.817	126.597	Include PX	0.713	4.238
3) REL Thermal	12.592	50.449	3) MUMBAI Schedule	4.543	27.465
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	167.794	668.831	1) MSEDCL	279.637	1100.078
2) Hydro (A2+B3+C2)	25.344	84.916	2) TPCL	28.974	129.220
3) Gas (A3+B1)	38.324	188.751	3) REL	15.838	71.535
4) Wind (B2)	5.394	31.639	TOTAL STATE	324.449	1300.833
5) CPP (B3)	4.163	17.167			
TOTAL STATE	241.019	991.304			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	5337	5085	5363
MSGENCO Hydro	1208	2083	427
MSGENCO Gas	613	635	601
MSGENCO Total Generation	7158	7803	6391
Central Sector Receipt	4470	3228	2686
RGPPL	0	932	1811
WIND	178	264	284
CPP	200	197	151
Exchange with TPCL	-216	-198	9
MSEDCL DEMAND MET	11790	12226	11383
Load Shedding	3515	3600	1635
MSEDCL DEMAND (INCL. LS)	15305	15826	13018
TPCL GENERATION	1147	1389	1170
REL GENERATION	525	524	526
TPCL+REL DEMAND	1888	2111	1687
STATE DEMAND MET	13678	14337	13070
STATE DEMAND (INCL. LS)	17193	17937	14705
Frequency (Hz)	49.57	49.54	49.31
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)	5831 MW AT 13.00 HRs		
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)	96.12 MUs.		

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.29 Hz at 08:07 Hrs	48.76 Hz at 08.46 Hrs	49.55	1.39 % 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/Apr/2010

Generating unit	Generation				OLC (MW)	Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)			Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi						Uran					
Unit 1	1.86	6.88	85	64	75	All Units	14.97	56.39	677	593	590
Unit 2	1.60	5.94	71	63	65		14.97	56.39			590
Unit 3	1.66	6.33	76	62	80	Hydro					
Unit 4	1.83	6.18	84	74	80	KDPH	0.00	0.00	0	0	0
Unit 5	3.43	13.80	155	130	150	VTRNA	0.78	4.00	61	0	60
Unit 6	3.87	15.27	182	144	170	TILLARI	0.38	1.41	59	0	60
Unit 7	4.70	18.30	204	185	200	BHTGR/VEER	0.14	0.88	6	5	6
	18.96	72.69			820	BHIRA T.R.	0.12	0.74	63	0	80
Bhusawal						RNGR+BHTSA	0.29	1.19	13	12	12
Unit 1	1.20	4.36	52	46	50	BHANDARDRA	0.82	2.69	34	33	0
Unit 2	3.68	16.62	197	0	195	ELDARY	0.11	0.11	14	0	0
Unit 3	4.61	17.10	195	185	190	SMLHY_PTN	0.77	2.30	39	30	32
	9.49	38.08			435	GHATGHAR	0.64	1.25	125	0	0
Parli							4.03	14.57			250
Unit 1	0.52	2.15	23	18	22	PENCH (MS)					
Unit 2	0.56	2.22	24	22	22	Pench (MS)	0.11	1.26	51	0	
Unit 3	0.00	0.00	0	0	0		0.11	1.26			
Unit 4	3.72	14.88	166	136	200	Wind					
Unit 5	4.47	17.16	192	175	180	MalharPeth	0.10	0.87			
Unit 6	5.87	23.56	256	184	250	Vankuswadi	0.29	2.09			
Unit 7	2.15	14.53	137	0	0	ATIT	0.11	0.73			
	17.29	74.49			674	Kale	0.15	0.85			
Chandrapur						Satara	0.11	1.49			
Unit 1	3.29	12.86	142	114	150	Shirala	0.17	0.90			
Unit 2	0.05	2.98	23	0	0	K Mahankal	0.38	1.11			
Unit 3	4.23	15.56	194	141	180	Supa	0.20	0.75			
Unit 4	4.65	17.67	206	172	200	Vita	1.28	4.21			
Unit 5	10.40	40.06	458	413	450	Dondaicha	1.52	12.45			
Unit 6	0.00	0.32	0	0	0	Sakri	0.34	2.24			
Unit 7	10.18	40.77	445	402	450	Nandurbar	0.18	1.80			
	32.80	130.22			1430	Khadakale	0.00	1.52			
Paras						Khaparale	0.56	0.62			
Unit 2	1.04	3.74	45	39	46		5.39	31.64			
Unit 3	5.89	23.47	252	230	250	CPP					
Unit 4	2.70	9.34	120	103	0	TOTAL CPP	4.16	17.17			
	9.63	36.55			296		4.16	17.17			
Khaparkheda						Dabhol					
Unit 1	4.84	19.78	211	184	210	RGPPPL	23.35	132.36	1827	0	1500
Unit 2	4.60	17.94	198	182	190		23.35	132.36			1500
Unit 3	5.12	20.12	216	210	210	Tata					
Unit 4	4.80	19.05	213	181	210	Trombay 4	0.00	0.00	0	0	0
	19.36	76.88			820	Trombay 5	9.96	39.84	415	415	420
Nasik						Trombay 6	8.25	35.32	510	200	500
Unit 1	2.36	9.19	106	94	100	Trombay 7A	2.84	11.45	122	115	120
Unit 2	2.27	8.84	98	90	95	Trombay 7B	1.60	6.38	67	65	60
Unit 3	4.96	19.46	210	198	205	Trombay 8	5.99	22.87	255	225	250
Unit 4	4.66	18.20	200	190	200	TATA Hydro	0.18	10.73	50	0	447
Unit 5	4.80	17.93	210	181	205		28.82	126.60			1797
	19.04	73.61			805	REL					
Koyna						1&2	12.59	50.45	527	521	500
Stage 1-2	3.97	12.65	470	45	600		12.59	50.45			500
Stage 4	13.26	35.50	1120	0	250	Cent Sect					
Stage 3	3.79	10.20	320	0	320	Share					3017
	21.02	58.35			1170						3017
Koyna 12&4 Total	17.23	48.15			850	MS PG CL					
						Thermal	126.57	502.52			5280
						Thml+Gas	141.54	558.90			5870
						Hydro	25.05	72.92			1420
						Total	166.59	631.82			7290
						State Total	241.02	991.30			14104

State Load Dispatch Center, Airoli (MSETCL)

Hourly Load Data As on 04/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	5386	976	593	6955	1809	343	146	2735	2707	-126	-64	11914	1704	13618	1949	15567	49.22
2	5377	542	597	6516	1816	348	148	2735	2783	-126	-63	11573	1741	13314	1846	15160	49.39
3	5363	427	601	6391	1811	284	151	2665	2686	-55	9	11383	1635	13018	1687	14705	49.31
4	5345	345	599	6289	1817	272	152	2710	2701	-98	9	11257	1977	13234	1620	14854	49.48
5	5359	229	600	6188	1813	253	155	2710	2807	-98	4	11220	2137	13357	1573	14930	49.31
6	5370	569	602	6541	1825	306	156	2686	2744	-70	4	11576	2451	14027	1597	15624	49.58
7	5357	147	650	6154	1827	289	156	3047	2678	-49	6	11110	3195	14305	1634	15939	49.66
8	5406	128	677	6211	1821	195	152	3047	2603	-49	5	10987	3294	14281	1595	15876	49.51
9	5377	367	669	6413	1363	150	178	3043	3202	-54	4	11310	3395	14705	1595	16300	49.77
10	5346	410	652	6408	0	189	182	3205	4595	-211	-164	11210	3747	14957	1792	16749	49.72
11	5331	877	634	6842	0	168	180	3228	4771	-238	-190	11771	3449	15220	1843	17063	49.79
12	5337	1208	613	7158	0	178	200	3245	4470	-258	-216	11790	3515	15305	1888	17193	49.57
13	5329	1250	603	7182	35	95	195	3242	4540	-258	-232	11815	3496	15311	1900	17211	49.60
14	5273	1250	604	7127	79	93	183	3229	4269	-258	-231	11520	3486	15006	1902	16908	49.42
15	5275	1273	612	7160	340	96	171	3221	3967	-258	-235	11499	3663	15162	1946	17108	49.61
16	5193	1237	615	7045	390	184	173	3214	3923	-259	-235	11480	3496	14976	1971	16947	49.57
17	5090	1152	619	6861	564	311	173	3344	3990	-259	-241	11658	3548	15206	1973	17179	49.74
18	5026	953	626	6605	627	262	171	3279	4274	-259	-243	11696	3098	14794	1946	16740	49.79
19	5066	1360	626	7052	672	248	172	3046	3547	-264	-244	11447	3433	14880	1950	16830	49.58
20	5085	2083	635	7803	932	264	197	3051	3228	-217	-198	12226	3600	15826	2111	17937	49.54
21	5173	2256	637	8066	949	248	198	3069	3191	-264	-220	12432	3173	15605	2152	17757	49.39
22	5199	2045	638	7882	952	247	193	3036	3178	-264	-219	12233	3177	15410	2148	17558	49.47
23	5221	1862	632	7715	953	196	196	3028	3399	-264	-218	12241	2861	15102	2135	17237	49.53
24	5204	2106	636	7946	955	175	185	2928	3207	-285	-234	12234	2006	14240	2062	16302	49.54
MUs	126.49	25.05	14.97	166.51	23.35	5.39	4.16	72.74	83.46	-4.54	-3.41	279.58	71.28	350.86	44.82	395.67	49.55

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/Apr/2010

Position as on 6.30 Hrs of 05/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
Chandrapur Unit 2	210	01/04/2010	23.53	04/04/2010	16.30	ID Fan Problem	
Cent_Sect Kawas GT2A	106	05/04/2010	00.11		Continued.	Combustion inspection.	07/04/2010
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.	
Dabhol 1A	230	04/04/2010	08.46	04/04/2010	10.27	Electrical fault.	
Dabhol 1B	230	04/04/2010	08.46		Continued.	Electrical fault.	05/04/2010
Dabhol 1X	290	04/04/2010	08.46	04/04/2010	16.43	Electrical fault.	
Dabhol 2A	230	04/04/2010	08.46	04/04/2010	12.16	Electrical fault.	
Dabhol 2B	230	04/04/2010	08.46	04/04/2010	18.02	Electrical fault.	
Dabhol 2X	290	04/04/2010	08.46	04/04/2010	13.46	Electrical fault.	
Dabhol 3A	230	04/04/2010	08.46		Continued.	Electrical fault.	06/04/2010
Dabhol 3B	230	04/04/2010	08.46	04/04/2010	13.30	Electrical fault.	
Dabhol 3X	290	04/04/2010	08.46	04/04/2010	14.46	Electrical fault.	
Bhusawal Unit 2	210	04/04/2010	15.25	04/04/2010	19.49	Low vaccume.	
Dabhol 1A	230	04/04/2010	16.15	05/04/2010	03.18	W/dn.	
Dabhol 1X	290	04/04/2010	16.53		Continued.	Trip due to CTG 1,A.	05/04/2010
Chandrapur Unit 2	210	04/04/2010	19.08	05/04/2010	02.22	Drum level high.	
Cent_Sect Tarapur 1	80	04/04/2010	21.25		Continued.	Condensor Tube Leakage.	09/04/2010

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

Position as on 6.30 Hrs of 05/Apr/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - II	26/03/2010	17.33		Continued.	H/T.
Dhule-Sar'Sarovar - I	31/03/2010	15.13		Continued.	Over Voltage
Akola - Aurangabad - II	31/03/2010	15.43		Continued.	Over Voltage.
IntraState					
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.
BUS SEC-II at Jejry	19/03/2010	13.57		Continued.	Renovation of Isolator
220/132KV 100MVA ICT-I at Parly-II	20/03/2010	09.35		Continued.	HV Breaker Replacement work,ICT on TBC.
Bableshwar-Nasik-I	01/04/2010	11.17	04/04/2010	00.34	Replacement of LA and CT
Nasik - Airoli - Knowledge Park	04/04/2010	09.57		Continued.	Conductor Replacement.
Warora-Wardha Power CKT.II	04/04/2010	11.45	04/04/2010	22.17	Jumpering work of ckt.I at W.P.C.L.end.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Koradi - Kaparkheda	25/03/2010	19:50		Continued.	H/T.
Bhusawal- Aurangabad	27/03/2010	18:22		Continued.	H/T for O/V.
Khadka - Deepnagar - II	31/03/2010	16.13		Continued.	Handtripped
Voltage Level : 220KV			Outage Type HAND TRIPPED		
220/22 KV 50 MVA T/F - I @ Airoli	02/04/2010	23.02		Continued.	Hand Tripped.
Voltage Level : 400KV			Outage Type TRIPPED		
Padgha-Nagothane-II	04/04/2010	10.18	04/04/2010	16.10	Dist,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 C T Burst.

State Load Dispatch Center, Airoli (MSETCL)

Details of On Line Capacity for 05/Apr/2010

Generating unit	Derated Capacity (MW)	OLC (MW)	Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi				852	640
Unit 1	105	75	Hydro		
Unit 2	105	65	KDPH	40	0
Unit 3	105	80	VTRNA	60	60
Unit 4	105	40	TILLARI	60	60
Unit 5	200	140	BHTGR/VEER	21	6
Unit 6	210	160	BHIRA T.R.	80	80
Unit 7	210	200	RNGR+BHTSA	20	12
	1040	760	BHANDARDRA	45	28
Bhusawal			ELDARY	23	0
Unit 1	58	50	SMLHY_PTN	12	32
Unit 2	210	195	GHATGHAR	250	0
Unit 3	210	195		611	278
	478	440	PENCH (MS)		
Parli			Pench (MS)	53	
Unit 1	30	22		53	
Unit 2	30	22	Wind		
Unit 3	210	0	MalharPeth	0	
Unit 4	210	200	Vankuswadi	0	
Unit 5	210	180	ATIT	0	
Unit 6	250	250	Kale	0	
Unit 7	250		Satara	0	
	1190	674	Shirala	0	
Chandrapur			K Mahankal	0	
Unit 1	210	150	Supa	0	
Unit 2	210	80	Vita	0	
Unit 3	210	180	Dondaicha	0	
Unit 4	210	200	Sakri	0	
Unit 5	500	450	Nandurbar	0	
Unit 6	500	0	Khadakale	0	
Unit 7	500	450	Khaparale	0	
	2340	1510		0	
Paras			CPP		
Unit 2	55	46	TOTAL CPP	0	
Unit 3	250	250		0	
Unit 4	250		Dabhol		
	555	296	RGPPL	960	1550
Khaparkheda				960	1550
Unit 1	210	210	Tata		
Unit 2	210	190	Trombay 4	150	0
Unit 3	210	210	Trombay 5	500	420
Unit 4	210	210	Trombay 6	500	500
	840	820	Trombay 7A	120	120
Nasik			Trombay 7B	60	60
Unit 1	120	100	Trombay 8	250	250
Unit 2	120	95	TATA Hydro	444	447
Unit 3	210	205		2024	1797
Unit 4	210	190	REL		
Unit 5	210	205	1&2	500	500
	870	795		500	500
Koyna			Cent Sect		
Stage 1-2	600	600	Share	3143	2930
Stage 4	1000	250		3143	2930
Stage 3	320	320			
	1920	1170			
Uran					
All Units	852	640			
				17376	14160