



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

State Load Dispatch Center, Airoli

Daily system Report

for

22/Feb/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 22/Feb/2010 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	123.776	2725.927	1) Madhya Pradesh	55.598	1342.763
2) Hydro	10.030	181.539	2) Gujrat	30.614	498.477
3) Gas	11.751	264.325	3) Goa	-6.421	-139.041
Total MSGENCO	145.557	3171.791	4) TAPS 1&2 (Inj.)	7.333	154.619
B) OTHERS			5) Pench (Excess)	-0.297	-8.492
1) RGPPL Gas	30.440	723.693	# Total Cent. Sector	86.827	1848.326
2) Wind Generation	4.040	55.561	F) Other Exchanges		
3) PENCH (MS)	0.297	8.492	1) With TPCL	-2.695	-69.337
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	26.888	535.347	1) MSEDCL Bilateral	5.912	129.574
2) TPCL Hydro	4.702	98.246	Include PX	0.000	1.247
TOTAL TPCL	31.590	633.593	2) MUMBAI Bilateral	3.663	81.558
3) REL Thermal	12.720	278.667	Include PX	1.927	49.491
D) STATE			3) MUMBAI Schedule	3.663	86.600
1) Thermal (A1+C1+C3)	163.384	3539.941	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	15.029	288.277	1) MSEDCL	264.466	5738.526
3) Gas (A3+B1)	42.191	988.018	2) TPCL	30.794	639.810
4) Wind (B2)	4.040	55.561	3) REL	16.211	341.674
TOTAL STATE	224.644	4871.797	TOTAL STATE	311.471	6720.010

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	5032	5243	5253
MSGENCO Hydro	543	825	197
MSGENCO Gas	480	484	498
MSGENCO Total Generation	6055	6552	5948
Central Sector Receipt	4041	4022	2737
RGPPL	1268	1268	1268
WIND	129	146	221
Exchange with TPCL	-190	-228	-5
MSEDCL DEMAND MET	11303	11786	10169
Load Shedding	3643	3828	1852
MSEDCL DEMAND (INCL. LS)	14946	15614	12021
TPCL GENERATION	1732	1585	777
REL GENERATION	528	529	531
TPCL+REL DEMAND	2450	2342	1313
STATE DEMAND MET	13753	14128	11482
STATE DEMAND (INCL. LS)	17396	17956	13334
Frequency (Hz)	49.64	49.89	49.85
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4399 MW at 21.00Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			86.20 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.38 Hz at 18.03 Hrs	49.17 Hz at 22.06 Hrs	49.82	0 % of Time

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and Mumbai bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 22/Feb/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.95	36.24	86	78	80
Unit 2	1.63	33.29	74	54	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.75	24.94	85	40	85
Unit 5	3.56	79.42	165	105	150
Unit 6	3.62	82.72	168	135	150
Unit 7	3.98	95.47	198	130	160
	16.49	352.09			695
Bhusawal					
Unit 1	1.22	25.16	54	50	50
Unit 2	4.50	99.62	194	181	195
Unit 3	4.59	100.84	195	184	195
	10.31	225.62			440
Parli					
Unit 1	0.51	12.20	24	19	23
Unit 2	0.52	11.87	23	21	23
Unit 3	2.96	78.24	140	109	130
Unit 4	4.25	91.19	192	156	200
Unit 5	4.28	29.71	192	160	190
Unit 6	5.93	131.16	251	245	250
	18.46	354.36			816
Chandrapur					
Unit 1	3.52	75.53	149	143	150
Unit 2	3.65	79.33	156	148	150
Unit 3	2.06	89.14	196	0	210
Unit 4	4.14	98.69	197	138	210
Unit 5	9.40	221.07	438	331	450
Unit 6	9.05	199.20	410	305	425
Unit 7	9.72	224.91	452	343	450
	41.53	987.86			2045
Paras					
Unit 2	0.66	22.91	48	22	25
Unit 3	0.00	66.95	0	0	0
	0.66	89.86			25
Khaparkheda					
Unit 1	4.88	53.11	213	198	205
Unit 2	4.60	99.58	201	181	190
Unit 3	4.90	108.64	215	184	180
Unit 4	4.66	89.67	209	182	200
	19.04	351.00			775
Nasik					
Unit 1	2.18	38.32	98	83	95
Unit 2	0.64	34.03	86	0	0
Unit 3	4.88	93.32	214	197	205
Unit 4	4.74	93.99	206	190	205
Unit 5	4.83	105.47	206	190	205
	17.28	365.13			710
Uran					
All Units	11.75	264.32	502	478	480
	11.75	264.32			480
Koyna					
Stage 1-2	2.06	35.78	215	35	540
Stage 4	0.30	26.41	109	0	250
Kovna 12&4 Total	2.36	62.18			790

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.75	12.89	160	0	320
	3.11	75.07			1110
Hydro					
KDPH	0.93	6.37	39	38	36
VTRNA	1.16	9.90	61	0	60
TILLARI	0.42	8.08	60	0	60
BHTGR/VEER	2.01	40.02	84	83	72
BHIRA T.R.	0.13	5.12	43	0	80
RNGR+BHTSA	0.29	6.78	13	11	15
BHANDARDRA	0.73	10.98	31	30	32
ELDARY	0.00	1.27	0	0	0
PAITHAN	0.00	0.81	0	0	0
GHATGHAR	1.24	17.14	120	0	0
	6.92	106.47			355
PENCH (MS)					
Pench (MS)	0.30	8.49	51	0	
	0.30	8.49			
Wind					
MalharPeth	0.20	2.35			
Vankuswadi	0.46	5.42			
ATIT	0.12	1.93			
Kale	0.18	1.76			
Satara	0.45	3.01			
Shirala	0.20	1.99			
K Mahankal	0.01	1.07			
Supa	0.16	1.59			
Vita	0.73	9.36			
Dondaicha	0.51	15.71			
Sakri	0.12	2.66			
Nandurbar	0.07	2.19			
Khadakale	0.79	4.45			
Khaparale	0.05	2.06			
	4.04	55.56			
Dabhol					
RGPP L II	30.44	723.69	1275	1258	1271
RGPP L III	0.00	0.00	0	0	
	30.44	723.69			1271
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.67	139.59	450	250	500
Trombay 6	7.72	192.38	510	150	500
Trombay 7A	2.70	54.60	125	98	120
Trombay 7B	1.55	32.78	68	60	60
Trombay 8	5.25	116.00	255	145	250
TATA Hydro	4.70	98.25	481	0	447
	31.59	633.59			1877
REL					
1&2	12.72	278.67	532	528	500
	12.72	278.67			500
Cent Sect					
Share					3212
					3212

MS PG CL	Thermal	123.78	2725.93		5506
	Thml+Gas	135.53	2990.25		5986
	Hydro	10.03	181.54		1465
	Total	145.56	3171.79		7451
State Total		224.64	4871.80		14311

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 22/Feb/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CS SHARE	CS RECPT	MUMBAI		MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	MUMBAI DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS						SCH.	EXCH.						
1	5271	258	495	6024	1268	163	2846	3202	-44	-10	10647	1954	12601	1511	14112	49.72
2	5259	205	501	5965	1268	219	2851	2982	-44	-10	10424	2010	12434	1377	13811	49.83
3	5253	197	498	5948	1268	221	2851	2737	-44	-5	10169	1852	12021	1313	13334	49.85
4	5283	204	496	5983	1268	272	2851	2792	-44	-1	10314	2114	12428	1290	13718	49.98
5	5317	199	498	6014	1268	288	2852	2882	-44	-11	10466	2148	12614	1288	13902	49.97
6	5304	385	496	6185	1268	298	2848	3160	-44	-10	10926	2598	13524	1377	14901	49.56
7	5281	267	495	6043	1268	282	3058	2878	46	81	10577	3462	14039	1532	15571	49.69
8	5194	262	502	5958	1268	236	3058	3380	46	76	10918	3712	14630	1697	16327	49.83
9	5213	318	495	6026	1268	125	3053	3423	41	72	10914	3672	14586	1918	16504	49.85
10	5185	387	484	6056	1269	105	3287	3729	-198	-150	11052	3790	14842	2223	17065	49.60
11	5150	587	487	6224	1275	52	3344	4014	-207	-156	11460	3440	14900	2387	17287	49.75
12	5032	543	480	6055	1268	129	3369	4041	-251	-190	11303	3643	14946	2450	17396	49.64
13	4962	482	478	5922	1269	74	3364	4122	-251	-225	11162	3600	14762	2436	17198	49.69
14	4980	387	479	5846	1269	75	3313	4279	-251	-223	11246	3510	14756	2308	17064	49.92
15	4967	605	483	6055	1268	72	3248	3909	-251	-224	11080	3585	14665	2351	17016	49.76
16	4957	471	485	5913	1269	103	3222	4053	-251	-221	11117	3406	14523	2372	16895	49.86
17	4977	394	479	5850	1268	124	3222	4063	-251	-222	11083	3353	14436	2341	16777	49.95
18	5038	493	479	6010	1268	129	3229	4139	-251	-223	11323	3010	14333	2300	16633	49.91
19	5135	819	488	6442	1275	128	2959	3595	-255	-204	11262	3571	14833	2272	17105	49.85
20	5243	825	484	6552	1268	146	3125	4022	-255	-228	11786	3828	15614	2342	17956	49.89
21	5210	655	488	6353	1268	204	3043	4084	-208	-144	11791	3543	15334	2216	17550	49.91
22	5198	401	492	6091	1258	205	3054	3877	-208	-143	11313	3568	14881	2077	16958	49.96
23	5186	420	493	6099	1268	216	2991	3889	-250	-189	11308	3264	14572	1871	16443	49.71
24	5187	266	495	5948	1268	178	2885	3580	-196	-135	10839	2205	13044	1755	14799	49.91
MUs	123.78	10.03	11.75	145.56	30.44	4.04	73.92	86.83	-3.66	-2.70	264.48	74.84	339.32	47.00	386.32	49.82

NOTE : ALL VALUES IN MW

MUMBAI Sch./Net Exch is shown with reference to MSETCL System. (+) indicates MUMBAI to MSETCL and (-) indicates MSETCL to MUMBAI. MUMBAI Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 22/Feb/2010

Position as on 6.30 Hrs of 23/Feb/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)	31/03/2010
Koradi Unit 3	105	09/01/2010	00.17		Continued.	COH.	21/03/2010
Uran Unit 6	108	20/01/2010	01:22		Continued.	Major Overhauling work.	05/03/2010
Koyna Unit 8	80	10/02/2010	08.25		Continued.	Needle valve work (For 15 Days)	25/02/2010
Paras Unit 3	250	16/02/2010	02.35		Continued.	AOH.	05/03/2010
FORCED OUTAGE							
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Dabhol 3A	230	08/11/2008	13.45		Continued.	Exhaust temp.& vibn.high	31/03/2010
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Tata Trombay 4	150	01/12/2009	19:16		Continued.	W/Dn.	
Nasik Unit 2	125	20/02/2010	05.00	22/02/2010	15.30	Boiler T/L.	
Dabhol 1A	230	21/02/2010	00.02		Continued.	Combustion Inspection.	03/03/2010
Chandrapur Unit 3	210	22/02/2010	06.37	22/02/2010	13.31	Furnance Pressure Low.	
Cent_Sect NTPC (K-2)	210	22/02/2010	13.29		Continued.	Boiler Tube Leakage.	26/02/2010
Chandrapur Unit 3	210	22/02/2010	14.39	22/02/2010	18.29	Furnance Pressure Low.	
Cent_Sect NTPC(V-3)	210	22/02/2010	15.00		Continued.	Hydrogen Leakage.	24/02/2010

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Feb/2010

Position as on 6.30 Hrs of 23/Feb/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-S'Sarovar I	30/01/2010	16.23		Continued.	Hand Tripped For Over Voltage.
Wardha - Akola - I	16/02/2010	11.01		Continued.	To control Voltage at Akola
Akola - Aurangabad - I	22/02/2010	13:58		Continued.	Hand Tripped For Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Akola - Aurangabad - I	06/02/2010	10.15	22/02/2010	13:58	R Ph.of breaker caught fire Bus Bar Protection Operated.
Voltage Level : 220KV			Outage Type TRIPPED		
Kalmeshwar - Pandurna	23/02/2010	03.00	23/02/2010	04.01	Distance Protection.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Koradi-Chandrapur	19/02/2010	17.08		Continued.	Breaker replacement,Ckt.on TBC.
400/220 Kv ICT 2 at Nagothane	22/02/2010	09.25	22/02/2010	16.46	Hot Spot Attending H V Bushing.
400 KV Bus Coupler @ New Koyna	22/02/2010	15.55	22/02/2010	16.35	SF Gas Filling Work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220 KV Jejuri Bus. I	11/02/2010	13.30		Continued.	Outage.
Jindal - Ghatghar	19/02/2010	08.50		Continued.	Conductor replacement.
220KV TBC at 400 KV Parli-II	19/02/2010	09.15		Continued.	Breaker replacement work.
220/132KV 80MVA ICT at Nanded	19/02/2010	10.48		Continued.	Augmentation of ICT by 200 MVA up to 5th march.
220/132 KV,100 MVA ICT-I At Kalmeshwar	20/02/2010	10.34		Continued.	ICT replacement work.
Sonkar - Nerul	21/02/2010	22:50	22/02/2010	00:46	R-ph jumper open.
Sonkar - Nerul	22/02/2010	07.15	22/02/2010	11.38	R Ph Jumper Work.
220/132 KV 150 MVA ICT-II @ Akola.	22/02/2010	09.30	22/02/2010	17.37	Replacement of L V Side Jumper.
M.B. at Lote S/S.	22/02/2010	10.15	22/02/2010	15.10	R.M.Work.
220/132 KV 200 MVA ICT-III at Phursungi	22/02/2010	10.18	22/02/2010	12.17	Testing Work,T/F Taken on TBC.
Mudshingi - Peth	22/02/2010	10.52	22/02/2010	12.57	Q.M.Work.
220/132 KV 250 MVA ICT at Ambazari	22/02/2010	12.22	22/02/2010	14.50	Testing Work.
Bhosari-Telco	22/02/2010	12.58	22/02/2010	15.59	Bypassing of Wave Trap.
Karad-Wathar	22/02/2010	13.08	22/02/2010	15.55	Tree Cutting Work.
Mudshingi - Karad - IV	22/02/2010	13.10	22/02/2010	15.57	Q.M.Work.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV,600 MVA ICT-I @ Kalwa	22/02/2010	22.44	23/02/2010	03.41	R Ph C T Jumper Broken.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	15/02/2010	12.07		Continued.	H/T for O/v.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Phursungi - Theur	22/02/2010	16.42	22/02/2010	18.50	To Control Lonikand ICT Loading.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Chikhali - Khamgaon	16/02/2010	11.22		Continued.	To control Chikhali ICT Loading
Voltage Level : 132KV			Outage Type TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Feb/2010

Position as on 6.30 Hrs of 23/Feb/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Nanded - Umri	22/02/2010	02.05	22/02/2010	02.15	Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 23/Feb/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	70
Unit 3	105	0
Unit 4	105	70
Unit 5	200	150
Unit 6	210	150
Unit 7	210	160
	1040	670
Bhusawal		
Unit 1	58	50
Unit 2	210	195
Unit 3	210	195
	478	440
Parli		
Unit 1	30	23
Unit 2	30	23
Unit 3	210	135
Unit 4	210	200
Unit 5	210	180
Unit 6	250	250
	940	811
Chandrapur		
Unit 1	210	150
Unit 2	210	150
Unit 3	210	210
Unit 4	210	210
Unit 5	500	450
Unit 6	500	425
Unit 7	500	450
	2340	2045
Paras		
Unit 2	55	26
Unit 3	250	0
	305	26
Khaparkheda		
Unit 1	210	205
Unit 2	210	180
Unit 3	210	210
Unit 4	210	180
	840	775
Nasik		
Unit 1	120	95
Unit 2	120	95
Unit 3	210	205
Unit 4	210	205
Unit 5	210	205
	870	805
Uran		
All Units	852	480
	852	480
Koyna		
Stage 1-2	600	540
Stage 4	1000	250
Stage 3	320	320
	1920	1110
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	36
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	62
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	32
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	355
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	
Dabhol		
RGPL II	960	1284
RGPL III	740	
	1700	1284
Tata		
Trombay 4	150	0
Trombay 5	500	500
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	3090
	3143	3090