



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

State Load Dispatch Center, Airoli

Daily system Report

for

21/Feb/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 21/Feb/2010 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	126.641	2602.151	1) Madhya Pradesh	57.430	1287.165
2) Hydro	8.981	171.509	2) Gujrat	24.785	467.863
3) Gas	11.828	252.574	3) Goa	-5.665	-132.620
Total MSGENCO	147.450	3026.234	4) TAPS 1&2 (Inj.)	7.350	147.286
B) OTHERS			5) Pench (Excess)	-0.676	-8.195
1) RGPPL Gas	31.197	693.253	# Total Cent. Sector	83.224	1761.499
2) Wind Generation	2.987	51.521	F) Other Exchanges		
3) PENCH (MS)	0.676	8.195	1) With TPCL	0.213	-66.642
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	25.803	508.459	1) MSEDCL Bilateral	5.907	123.662
2) TPCL Hydro	0.134	93.544	Include PX	0.000	1.247
TOTAL TPCL	25.937	602.003	2) MUMBAI Bilateral	0.873	77.895
3) REL Thermal	12.713	265.947	Include PX	0.658	47.564
D) STATE			3) MUMBAI Schedule	0.873	82.938
1) Thermal (A1+C1+C3)	165.157	3376.557	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	9.791	273.248	1) MSEDCL	265.747	5474.060
3) Gas (A3+B1)	43.025	945.827	2) TPCL	24.681	609.016
4) Wind (B2)	2.987	51.521	3) REL	13.756	325.463
TOTAL STATE	220.960	4647.153	TOTAL STATE	304.184	6408.539

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	5302	5343	5184
MSGENCO Hydro	552	525	204
MSGENCO Gas	480	492	501
MSGENCO Total Generation	6334	6360	5889
Central Sector Receipt	3695	3874	3314
RGPPL	1324	1232	1287
WIND	155	201	140
Exchange with TPCL	6	1	-10
MSEDCL DEMAND MET	11540	11718	10620
Load Shedding	3523	3848	2014
MSEDCL DEMAND (INCL. LS)	15063	15566	12634
TPCL GENERATION	1239	1374	811
REL GENERATION	529	531	532
TPCL+REL DEMAND	1762	1904	1353
STATE DEMAND MET	13302	13622	11973
STATE DEMAND (INCL. LS)	16825	17470	13987
Frequency (Hz)	49.59	49.92	49.82
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4241 MW At 22.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			85.16 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.36 Hz at 05.05 Hrs	48.98 Hz at 22.07 Hrs	49.82	.07 % 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 21/Feb/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.77	34.29	85	14	70
Unit 2	1.61	31.66	71	64	70
Unit 3	0.00	0.00	0	0	0
Unit 4	0.85	23.20	86	0	0
Unit 5	3.73	75.87	170	136	160
Unit 6	3.61	79.10	167	132	150
Unit 7	4.34	91.49	201	162	170
	15.91	335.60			620
Bhusawal					
Unit 1	1.20	23.94	52	46	50
Unit 2	4.58	95.12	196	186	195
Unit 3	4.62	96.25	195	190	195
	10.40	215.31			440
Parli					
Unit 1	0.54	11.68	24	20	23
Unit 2	0.54	11.35	25	20	23
Unit 3	2.93	75.28	141	106	160
Unit 4	4.22	86.94	189	155	200
Unit 5	4.38	25.43	192	166	190
Unit 6	5.89	125.23	249	245	250
	18.50	335.90			846
Chandrapur					
Unit 1	3.51	72.01	149	143	150
Unit 2	3.60	75.68	156	143	150
Unit 3	4.25	87.07	195	140	210
Unit 4	4.41	94.56	198	153	210
Unit 5	10.42	211.67	451	416	450
Unit 6	9.22	190.15	420	360	425
Unit 7	10.01	215.19	458	368	450
	45.40	946.33			2045
Paras					
Unit 2	1.09	22.25	48	42	46
Unit 3	0.00	66.95	0	0	0
	1.09	89.20			46
Khaparkheda					
Unit 1	4.92	48.22	214	194	195
Unit 2	4.45	94.97	190	178	190
Unit 3	4.82	103.74	214	175	210
Unit 4	4.58	85.02	214	118	205
	18.76	331.96			800
Nasik					
Unit 1	2.20	36.14	96	87	95
Unit 2	0.00	33.39	0	0	0
Unit 3	4.80	88.44	205	183	205
Unit 4	4.75	89.25	205	190	205
Unit 5	4.82	100.63	207	193	205
	16.58	347.85			710
Uran					
All Units	11.83	252.57	505	478	480
	11.83	252.57			480
Koyna					
Stage 1-2	1.31	33.72	195	30	540
Stage 4	0.40	26.11	273	0	250
Kovna 12&4 Total	1.71	59.83			790

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.49	12.13	158	0	320
	2.20	71.96			1110
Hydro					
KDPH	0.93	5.44	39	38	0
VTRNA	1.14	8.74	61	0	60
TILLARI	0.38	7.66	61	0	60
BHTGR/VEER	2.09	38.01	87	87	80
BHIRA T.R.	0.14	5.00	57	0	80
RNGR+BHTSA	0.31	6.49	13	13	13
BHANDARDRA	0.74	10.25	31	31	26
ELDARY	0.00	1.27	0	0	0
PAITHAN	0.00	0.81	0	0	0
GHATGHAR	1.05	15.90	125	0	0
	6.78	99.55			319
PENCH (MS)					
Pench (MS)	0.68	8.20	51	0	
	0.68	8.20			
Wind					
MalharPeth	0.16	2.15			
Vankuswadi	0.26	4.96			
ATIT	0.10	1.81			
Kale	0.10	1.58			
Satara	0.13	2.56			
Shirala	0.10	1.79			
K Mahankal	0.05	1.06			
Supa	0.14	1.43			
Vita	0.59	8.63			
Dondaicha	0.78	15.20			
Sakri	0.12	2.54			
Nandurbar	0.04	2.12			
Khadakale	0.33	3.66			
Khaparale	0.10	2.01			
	2.99	51.52			
Dabhol					
RGPP L II	31.20	693.25	1336	1232	1271
RGPP L III	0.00	0.00	0	0	
	31.20	693.25			1271
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.12	129.92	405	265	500
Trombay 6	6.88	184.67	500	150	500
Trombay 7A	2.92	51.90	125	108	110
Trombay 7B	1.62	31.23	69	61	70
Trombay 8	5.26	110.74	255	155	250
TATA Hydro	0.13	93.54	54	0	447
	25.94	602.00			1877
REL					
1&2	12.71	265.95	533	522	500
	12.71	265.95			500
Cent Sect					
Share					3011
					3011

MS PG CL	Thermal	126.64	2602.15		5507
	Thml+Gas	138.47	2854.72		5987
	Hydro	8.98	171.51		1429
	Total	147.45	3026.23		7416
State Total		220.96	4647.15		14075

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 21/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	5144	285	498	5927	1310	85	2855	3337	-46	-8	10676	2134	12810	1522	14332	49.67
2	5122	232	500	5854	1285	131	2857	3275	-46		10545	2213	12758	1401	14159	49.72
3	5184	204	501	5889	1287	140	2858	3314	-46	-10	10620	2014	12634	1353	13987	49.82
4	5212	204	503	5919	1336	145	2859	3123	-46	-4	10519	2381	12900	1317	14217	49.99
5	5209	199	502	5910	1310	163	2857	3288	-46		10671	2547	13218	1293	14511	49.85
6	5212	408	503	6123	1312	166	2858	3162	-46	-3	10785	2858	13643	1360	15003	49.78
7	5225	251	502	5978	1321	135	3078	2775	44	89	10323	3638	13961	1401	15362	49.82
8	5269	261	503	6033	1319	173	3077	3182	44	83	10815	3908	14723	1447	16170	49.95
9	5317	275	504	6096	1320	128	3067	3208	44	80	10858	3780	14638	1494	16132	49.84
10	5345	391	505	6241	1325	120	3147	3393	-39	8	11112	3621	14733	1606	16339	49.76
11	5338	576	495	6409	1332	147	3141	3593	-39	1	11507	3311	14818	1714	16532	49.63
12	5302	552	480	6334	1324	155	3138	3695	-39	6	11540	3523	15063	1762	16825	49.59
13	5342	386	478	6206	1308	72	3146	3726	-39	11	11349	3563	14912	1755	16667	49.76
14	5364	391	478	6233	1294	44	3144	3682	-39	14	11292	3525	14817	1671	16488	49.88
15	5321	391	478	6190	1255	63	3131	3794	-39	10	11337	3669	15006	1639	16645	49.90
16	5300	411	483	6194	1288	113	3131	3532	-39	11	11164	3539	14703	1610	16313	50.04
17	5257	407	481	6145	1287	88	3143	3731	-39	11	11292	3526	14818	1581	16399	49.91
18	5212	408	487	6107	1285	81	3144	3871	-39	10	11405	3144	14549	1606	16155	49.98
19	5257	525	490	6272	1278	89	2890	3542	-42	10	11241	3735	14976	1740	16716	49.92
20	5343	525	492	6360	1232	201	2913	3874	-42	1	11718	3848	15566	1904	17470	49.92
21	5359	446	492	6297	1292	164	2967	3756	-42	11	11567	3496	15063	1888	16951	49.83
22	5346	280	493	6119	1296	147	2970	3696	-42	14	11319	3520	14839	1857	16696	49.90
23	5325	698	487	6510	1300	115	3000	3388	-129	-80	11279	3326	14605	1805	16410	49.51
24	5323	275	493	6091	1301	122	2906	3287	-82	-52	10800	2299	13099	1711	14810	49.71
MUs	126.63	8.98	11.83	147.44	31.20	2.99	72.28	83.22	-0.87	0.21	265.73	77.12	342.85	38.44	381.29	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 21/Feb/2010

Position as on 6.30 Hrs of 22/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.	
Koradi Unit 4	115	18/02/2010	07.17	21/02/2010	11.45	Boiler T/L.	22/02/2010
Koradi Unit 1	105	18/02/2010	08.37	21/02/2010	00.01	CRH Problem.	
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 21/Feb/2010

Position as on 6.30 Hrs of 22/Feb/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		
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.
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.
Borivali-Aarey-II	21/02/2010	07.04	21/02/2010	09.19	Annual Line Maint.Work.
Aarey-Versova-II	21/02/2010	07.04	21/02/2010	16.15	Annual Line Maint.Work.
Butibori-Indorama	21/02/2010	09.00	21/02/2010	17.15	Quarterly Maintainance 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 HAND TRIPPED		
Bhusawal- Aurangabad	15/02/2010	12.07		Continued.	H/T for O/v.
Parli-Lonikand - II	21/02/2010	16.04	21/02/2010	16.58	Breaker Problem.
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 : 220KV			Outage Type TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Feb/2010

Position as on 6.30 Hrs of 22/Feb/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Kolhapur - Karad - II	21/02/2010	14.25	21/02/2010	15.04	Dist.Prot.
220/22,50 MVA ICT-I @ Lonikand	21/02/2010	14.45	21/02/2010	16.45	Dist.Prot.
220/22 KV, 50 MVA T/F-II @ Lonikand.	21/02/2010	14.45	21/02/2010	23.00	Dist.Prot.,L V Side Y Ph. Breaker Burst.
Trombay - Sonkar	21/02/2010	18.51	21/02/2010	21.14	Dist.Prot.
Voltage Level : 132KV			Outage Type TRIPPED		
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 22/Feb/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	80
Unit 2	105	70
Unit 3	105	0
Unit 4	105	85
Unit 5	200	150
Unit 6	210	150
Unit 7	210	160
	1040	695
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	130
Unit 4	210	200
Unit 5	210	190
Unit 6	250	250
	940	816
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	25
Unit 3	250	0
	305	25
Khaparkheda		
Unit 1	210	205
Unit 2	210	190
Unit 3	210	180
Unit 4	210	200
	840	775
Nasik		
Unit 1	120	95
Unit 2	120	0
Unit 3	210	205
Unit 4	210	205
Unit 5	210	205
	870	710
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	72
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	32
ELDARY	23	0
PAITHAN	12	0
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		
RGPPPL II	960	1271
RGPPPL III	740	
	1700	1271
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	3212
	3143	3212