



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

State Load Dispatch Center, Airoli

Daily system Report

for

23/Feb/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 23/Feb/2010 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	127.071	2852.998	1) Madhya Pradesh	51.626	1394.389
2) Hydro	8.978	190.517	2) Gujrat	32.615	531.092
3) Gas	11.815	276.140	3) Goa	-6.410	-145.451
Total MSGENCO	147.864	3319.655	4) TAPS 1&2 (Inj.)	7.321	161.940
B) OTHERS			5) Pench (Excess)	-0.244	-8.736
1) RGPPL Gas	31.419	755.112	# Total Cent. Sector	84.908	1933.234
2) Wind Generation	6.452	62.013	F) Other Exchanges		
3) PENCH (MS)	0.244	8.736	1) With TPCL	-2.634	-71.971
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	27.467	562.814	1) MSEDCL Bilateral	5.912	135.486
2) TPCL Hydro	4.732	102.978	Include PX	0.000	1.247
TOTAL TPCL	32.199	665.792	2) MUMBAI Bilateral	3.811	85.368
3) REL Thermal	12.710	291.377	Include PX	1.927	51.418
D) STATE			3) MUMBAI Schedule	3.811	90.411
1) Thermal (A1+C1+C3)	167.248	3707.189	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	13.954	302.231	1) MSEDCL	268.253	6006.779
3) Gas (A3+B1)	43.234	1031.252	2) TPCL	31.143	670.953
4) Wind (B2)	6.452	62.013	3) REL	16.398	358.072
TOTAL STATE	230.888	5102.685	TOTAL STATE	315.794	7035.804

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	5371	5426	5147
MSGENCO Hydro	544	563	204
MSGENCO Gas	489	490	498
MSGENCO Total Generation	6404	6479	5849
Central Sector Receipt	4183	3446	3243
RGPPL	1300	1304	1327
WIND	102	458	141
Exchange with TPCL	-195	-209	-6
MSEDCL DEMAND MET	11805	11503	10554
Load Shedding	2953	2882	1100
MSEDCL DEMAND (INCL. LS)	14758	14385	11654
TPCL GENERATION	1774	1628	775
REL GENERATION	529	527	531
TPCL+REL DEMAND	2498	2364	1312
STATE DEMAND MET	14303	13867	11866
STATE DEMAND (INCL. LS)	17256	16749	12966
Frequency (Hz)	49.89	49.78	50.11
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3608 MW AT 12.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			68.81 MUS

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.43 Hz at 02.00 Hrs	49.31 Hz at 22.34 Hrs	49.85	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 23/Feb/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.79	38.03	80	66	70
Unit 2	1.54	34.84	72	51	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.73	26.67	90	51	70
Unit 5	3.58	83.01	167	133	150
Unit 6	3.58	86.30	160	133	150
Unit 7	4.04	99.50	196	139	160
	16.26	368.35			670
Bhusawal					
Unit 1	1.21	26.37	52	47	50
Unit 2	4.54	104.16	197	180	195
Unit 3	4.52	105.36	190	185	195
	10.26	235.88			440
Parli					
Unit 1	0.54	12.74	24	21	23
Unit 2	0.55	12.42	24	22	23
Unit 3	3.59	81.82	166	134	135
Unit 4	4.14	95.33	191	159	200
Unit 5	4.32	34.03	195	166	180
Unit 6	6.00	137.16	254	244	250
	19.14	373.51			811
Chandrapur					
Unit 1	3.46	78.99	147	142	150
Unit 2	3.58	82.91	153	144	150
Unit 3	4.11	93.24	182	145	210
Unit 4	4.31	103.00	195	166	210
Unit 5	9.79	230.86	442	353	450
Unit 6	8.49	207.69	410	310	425
Unit 7	9.77	234.68	443	367	450
	43.51	1031.37			2045
Paras					
Unit 2	0.55	23.46	26	20	26
Unit 3	0.00	66.95	0	0	0
	0.55	90.42			26
Khaparkheda					
Unit 1	4.94	58.05	212	190	205
Unit 2	4.45	104.02	192	176	180
Unit 3	5.04	113.68	214	198	210
Unit 4	4.14	93.81	200	160	180
	18.57	369.56			775
Nasik					
Unit 1	2.09	40.42	96	55	95
Unit 2	2.26	36.29	103	80	95
Unit 3	4.82	98.14	210	191	205
Unit 4	4.74	98.73	201	190	205
Unit 5	4.86	110.33	208	196	205
	18.78	383.91			805
Uran					
All Units	11.82	276.14	510	473	480
	11.82	276.14			480
Koyna					
Stage 1-2	1.96	37.73	265	35	540
Stage 4	0.00	26.41	0	0	250
Kovna 12&4 Total	1.96	64.14			790

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.73	13.61	142	0	320
	2.68	77.75			1110
Hydro					
KDPH	0.93	7.30	39	38	36
VTRNA	1.13	11.03	61	0	60
TILLARI	0.36	8.44	60	0	60
BHTGR/VEER	1.97	41.99	82	82	62
BHIRA T.R.	0.16	5.28	42	0	80
RNGR+BHTSA	0.30	7.08	13	11	15
BHANDARDRA	0.77	11.75	32	32	32
ELDARY	0.00	1.27	0	0	0
PAITHAN	0.00	0.81	0	0	10
GHATGHAR	0.68	17.82	125	0	0
	6.30	112.77			355
PENCH (MS)					
Pench (MS)	0.24	8.74	26	0	
	0.24	8.74			
Wind					
MalharPeth	0.25	2.60			
Vankuswadi	0.44	5.87			
ATIT	0.33	2.25			
Kale	0.22	1.98			
Satara	0.22	3.23			
Shirala	0.20	2.20			
K Mahankal	0.08	1.15			
Supa	0.13	1.72			
Vita	0.92	10.28			
Dondaicha	2.14	17.85			
Sakri	0.38	3.04			
Nandurbar	0.34	2.54			
Khadakale	0.22	4.67			
Khaparale	0.58	2.65			
	6.45	62.01			
Dabhol					
RGPP L II	31.42	755.11	1328	1286	1284
RGPP L III	0.00	0.00	0	0	
	31.42	755.11			1284
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.96	149.55	455	275	500
Trombay 6	7.62	200.00	510	150	500
Trombay 7A	2.83	57.42	128	102	120
Trombay 7B	1.60	34.38	69	62	60
Trombay 8	5.47	121.46	253	155	250
TATA Hydro	4.73	102.98	481	0	447
	32.20	665.79			1877
REL					
1&2	12.71	291.38	532	527	500
	12.71	291.38			500
Cent Sect					
Share					3090
					3090

MS PG CL	Thermal	127.07	2853.00		5572
	Thml+Gas	138.89	3129.14		6052
	Hydro	8.98	190.52		1465
	Total	147.86	3319.66		7517
State Total		230.89	5102.68		14268

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/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	5092	260	498	5850	1317	142	2714	3621	-53	-20	10910	1458	12368	1567	13935	49.93
2	5060	226	498	5784	1321	137	2715	3293	-53	-15	10520	1423	11943	1414	13357	50.04
3	5087	199	496	5782	1328	159	2715	3310	-53	-48	10531	1107	11638	1359	12997	50.15
4	5147	204	498	5849	1327	141	2631	3243	-53	-6	10554	1100	11654	1312	12966	50.11
5	5196	204	500	5900	1326	120	2631	3236	-53	-12	10570	1085	11655	1317	12972	49.97
6	5198	199	498	5895	1324	171	2716	3580	-53	-38	10932	1568	12500	1418	13918	49.83
7	5296	214	508	6018	1324	207	2937	3350	37	59	10958	2671	13629	1564	15193	49.85
8	5418	267	510	6195	1325	203	2937	3317	37	57	11097	2908	14005	1733	15738	49.91
9	5409	269	509	6187	1320	123	2938	3343	37	58	11031	2867	13898	1896	15794	49.89
10	5361	363	501	6225	1311	75	3198	3523	-202	-176	10969	2957	13926	2245	16171	49.82
11	5355	404	494	6253	1304	100	3223	4081	-211	-188	11576	2925	14501	2439	16940	49.83
12	5371	544	489	6404	1300	102	3268	4183	-256	-195	11805	2953	14758	2498	17256	49.89
13	5348	531	476	6355	1297	154	3270	4021	-256	-201	11626	2935	14561	2432	16993	49.92
14	5348	523	473	6344	1293	261	3233	3984	-256	-203	11679	2932	14611	2318	16929	49.86
15	5277	509	478	6264	1286	308	3120	3747	-256	-204	11401	3066	14467	2350	16817	49.66
16	5326	422	473	6221	1290	438	3120	3693	-256	-207	11445	2835	14280	2360	16640	49.80
17	5337	317	478	6132	1292	544	3121	3507	-256	-207	11293	2859	14152	2368	16520	49.80
18	5388	270	484	6142	1292	609	3118	3432	-256	-208	11277	2539	13816	2319	16135	49.80
19	5432	515	488	6435	1301	605	2828	3150	-259	-212	11304	2977	14281	2302	16583	49.80
20	5426	563	490	6479	1304	458	2977	3446	-259	-209	11503	2882	14385	2364	16749	49.78
21	5396	653	492	6541	1305	416	2946	3686	-212	-150	11823	2643	14466	2250	16716	49.69
22	5309	476	492	6277	1310	319	2950	3604	-212	-152	11383	2654	14037	2109	16146	49.77
23	5253	481	494	6228	1306	331	2795	3359	-254	-106	11143	2338	13481	1838	15319	49.55
24	5241	365	498	6104	1316	329	2706	3199	-201	-51	10923	1691	12614	1771	14385	49.81
MUs	127.07	8.98	11.82	147.86	31.42	6.45	70.81	84.91	-3.81	-2.63	268.25	57.37	325.63	47.54	373.17	49.85

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 23/Feb/2010

Position as on 6.30 Hrs of 24/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.	
Dabhol 1A	230	21/02/2010	00.02		Continued.	Combustion Inspection.	03/03/2010
Cent_Sect NTPC (K-2)	210	22/02/2010	13.29	23/02/2010	08.49	Boiler Tube Leakage.	
Cent_Sect NTPC(V-3)	210	22/02/2010	15.00	23/02/2010	23.00	Hydrogen Leakage.	
Cent_Sect Sipat-4	500	23/02/2010	13.00	24/02/2010	01.45	IP Oil Leakage	
Paras Unit 2	55	24/02/2010	00.26		Continued.	Steam Tube Leakage	25/02/2010

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 23/Feb/2010

Position as on 6.30 Hrs of 24/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 : 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.
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.
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	23/02/2010	10.39	H/T for O/v.
Bhusawal- Aurangabad	23/02/2010	14.49		Continued.	Over Voltage
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Chikhali - Khamgaon	16/02/2010	11.22		Continued.	To control Chikhali ICT Loading
Voltage Level : 400KV			Outage Type TRIPPED		
Koradi-Chandrapur	23/02/2010	19.48	23/02/2010	23.18	Distance protection(On TBC)
Voltage Level : 220KV			Outage Type TRIPPED		
Warora-Hinganghat	23/02/2010	17.18	23/02/2010	17.48	Distance Protection
Hinganghat-Bhugaon	23/02/2010	17.18	23/02/2010	17.35	Backup Protection Operated
220/66KV 50MVA T/F at Chandrapur	23/02/2010	17.57	23/02/2010	18.20	Backup Protection Operated
66KV Gadchandur-SICOM - II	23/02/2010	19.05		Continued.	R phase O/C,E/F at Gadchandur
220/132 KV 100 MVA ICT-II @ Parbhani	23/02/2010	22.56	24/02/2010	00.32	Bus Bar Protection Operated
220/132KV,100MVA ICT-I at Parbhani	23/02/2010	22.56	24/02/2010	00.01	Bus Bar Protection Operated
Voltage Level : 132KV			Outage Type TRIPPED		
Main Bus at Parbhani	23/02/2010	22.56	24/02/2010	00.01	Bus Bar protection Operated
Parbhani-Parthur	23/02/2010	22.56	24/02/2010	00.33	Bus Bar protection operated
Parbhani - Parbhani - I	23/02/2010	22.56	24/02/2010	00.38	Bus Bar Protection Operated
Parbhani-Purna	23/02/2010	22.56	24/02/2010	00.39	Bus Bar Protection operated
Parbhani-Jintur	23/02/2010	22.56	24/02/2010	00.45	Bus Bar Protection Operated
Parbhani - Parbhani - II	23/02/2010	22.56	24/02/2010	00.13	Bus Bar Protection Operated
null					

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Feb/2010

Position as on 6.30 Hrs of 24/Feb/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 220KV			Outage Type TRIPPED		
66KV Gadchandur-SICOM - I	23/02/2010	19.05		Continued.	R phase O/C, E/F at SICOM

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 24/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	80
Unit 5	200	150
Unit 6	210	160
Unit 7	210	190
	1040	730
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	160
Unit 4	210	80
Unit 5	210	180
Unit 6	250	250
	940	716
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	0
Unit 3	250	0
	305	0
Khaparkheda		
Unit 1	210	205
Unit 2	210	190
Unit 3	210	210
Unit 4	210	210
	840	815
Nasik		
Unit 1	120	100
Unit 2	120	100
Unit 3	210	200
Unit 4	210	200
Unit 5	210	200
	870	800
Uran		
All Units	852	480
	852	480
Koyna		
Stage 1-2	600	520
Stage 4	1000	250
Stage 3	320	320
	1920	1090
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		
RGPL II	960	1235
RGPL III	740	
	1700	1235
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	3176
	3143	3176