



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

State Load Dispatch Center, Airoli

Daily system Report

for

24/Feb/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 24/Feb/2010 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	126.110	2979.108	1) Madhya Pradesh	52.733	1447.122
2) Hydro	12.373	202.890	2) Gujrat	28.181	559.273
3) Gas	11.938	288.078	3) Goa	-6.437	-151.888
Total MSGENCO	150.421	3470.076	4) TAPS 1&2 (Inj.)	7.292	169.232
B) OTHERS			5) Pench (Excess)	-0.355	-9.091
1) RGPPL Gas	31.538	786.650	# Total Cent. Sector	81.414	2014.648
2) Wind Generation	5.532	67.545	F) Other Exchanges		
3) PENCH (MS)	0.355	9.091	1) With TPCL	-2.590	-74.561
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	26.043	588.857	1) MSEDCL Bilateral	5.912	141.397
2) TPCL Hydro	4.894	107.872	Include PX	0.000	1.247
TOTAL TPCL	30.937	696.729	2) MUMBAI Bilateral	3.787	89.155
3) REL Thermal	12.663	304.040	Include PX	1.927	53.345
D) STATE			3) MUMBAI Schedule	3.787	94.197
1) Thermal (A1+C1+C3)	164.816	3872.005	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	17.622	319.853	1) MSEDCL	266.670	6273.449
3) Gas (A3+B1)	43.476	1074.728	2) TPCL	30.396	701.349
4) Wind (B2)	5.532	67.545	3) REL	15.891	373.963
TOTAL STATE	231.446	5334.131	TOTAL STATE	312.957	7348.761

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	5204	5226	5224
MSGENCO Hydro	1037	1071	198
MSGENCO Gas	488	492	512
MSGENCO Total Generation	6729	6789	5934
Central Sector Receipt	3731	3860	2773
RGPPL	1299	1311	1327
WIND	82	272	251
Exchange with TPCL	-218	-214	-6
MSEDCL DEMAND MET	11623	12069	10279
Load Shedding	3602	3873	1892
MSEDCL DEMAND (INCL. LS)	15225	15942	12171
TPCL GENERATION	1669	1558	808
REL GENERATION	525	523	530
TPCL+REL DEMAND	2412	2295	1344
STATE DEMAND MET	14035	14364	11623
STATE DEMAND (INCL. LS)	17637	18237	13515
Frequency (Hz)	49.68	49.59	49.89
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4568 MW AT 22.00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			84.15 MUS

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.19 Hz at 18.18 Hrs	49.03 Hz at 22.07 Hrs	49.67	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 24/Feb/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.94	39.97	86	70	80
Unit 2	1.60	36.44	73	60	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.76	28.44	88	60	80
Unit 5	3.73	86.74	166	140	150
Unit 6	3.77	90.07	170	140	160
Unit 7	4.56	104.07	206	177	190
	17.38	385.73			730
Bhusawal					
Unit 1	1.22	27.58	52	46	50
Unit 2	4.62	108.78	197	184	195
Unit 3	4.56	109.92	197	185	195
	10.40	246.28			440
Parli					
Unit 1	0.55	13.29	25	18	23
Unit 2	0.57	12.99	24	23	23
Unit 3	1.45	83.27	160	0	160
Unit 4	2.05	97.38	199	69	80
Unit 5	4.22	38.24	192	155	180
Unit 6	5.88	143.04	250	223	250
	14.72	388.23			716
Chandrapur					
Unit 1	3.40	82.38	146	126	150
Unit 2	3.60	86.51	153	144	150
Unit 3	4.34	97.58	193	166	210
Unit 4	4.53	107.53	199	157	210
Unit 5	10.59	241.45	475	370	450
Unit 6	8.72	216.41	399	328	425
Unit 7	10.07	244.75	454	385	450
	45.24	1076.61			2045
Paras					
Unit 2	0.01	23.47	8	0	0
Unit 3	0.00	66.95	0	0	0
	0.01	90.42			0
Khaparkheda					
Unit 1	5.05	63.10	216	198	205
Unit 2	4.57	108.60	194	186	190
Unit 3	4.88	118.57	214	190	210
Unit 4	4.82	98.63	214	185	210
	19.32	388.89			815
Nasik					
Unit 1	2.23	42.64	98	84	100
Unit 2	2.26	38.55	102	86	100
Unit 3	4.86	103.00	209	198	200
Unit 4	4.82	103.55	205	198	200
Unit 5	4.86	115.19	208	188	200
	19.03	402.94			800
Uran					
All Units	11.94	288.08	513	474	480
	11.94	288.08			480
Koyna					
Stage 1-2	2.45	40.18	400	30	520
Stage 4	2.66	29.07	502	0	250
Kovna 12&4 Total	5.11	69.25			770

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.89	14.50	160	0	320
	6.00	83.75			1090
Hydro					
KDPH	0.61	7.91	37	18	36
VTRNA	1.11	12.15	61	0	60
TILLARI	0.36	8.80	60	0	60
BHTGR/VEER	1.97	43.96	82	82	72
BHIRA T.R.	0.16	5.45	78	0	80
RNGR+BHTSA	0.29	7.37	12	12	15
BHANDARDRA	0.77	12.52	32	32	32
ELDARY	0.00	1.27	0	0	0
PAITHAN	0.00	0.81	0	0	0
GHATGHAR	1.09	18.91	125	0	0
	6.37	119.14			355
PENCH (MS)					
Pench (MS)	0.36	9.09	51	0	
	0.36	9.09			
Wind					
MalharPeth	0.27	2.87			
Vankuswadi	0.57	6.44			
ATIT	0.31	2.57			
Kale	0.18	2.16			
Satara	0.25	3.48			
Shirala	0.17	2.37			
K Mahankal	0.07	1.21			
Supa	0.08	1.80			
Vita	0.79	11.07			
Dondaicha	1.99	19.84			
Sakri	0.26	3.29			
Nandurbar	0.31	2.85			
Khadakale	0.12	4.79			
Khaparale	0.16	2.81			
	5.53	67.54			
Dabhol					
RGPP L II	31.54	786.65	1333	1290	1235
RGPP L III	0.00	0.00	0	0	
	31.54	786.65			1235
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.36	158.91	440	275	500
Trombay 6	7.17	207.17	500	150	500
Trombay 7A	2.72	60.15	126	96	120
Trombay 7B	1.55	35.94	69	59	60
Trombay 8	5.23	126.69	250	153	250
TATA Hydro	4.89	107.87	481	0	447
	30.94	696.73			1877
REL					
1&2	12.66	304.04	531	523	500
	12.66	304.04			500
Cent Sect					
Share					3176
					3176

MS PG CL	Thermal	126.11	2979.11		5546
	Thml+Gas	138.05	3267.19		6026
	Hydro	12.37	202.89		1445
	Total	150.42	3470.08		7471
State Total		231.45	5334.13		14259

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/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	5227	208	510	5945	1320	292	2658	2882	-48	-5	10460	1957	12417	1513	13930	49.79
2	5262	208	512	5982	1320	312	2687	2820	-48	-5	10429	2015	12444	1393	13837	49.79
3	5224	198	512	5934	1327	251	2749	2773	-48	-6	10279	1892	12171	1344	13515	49.89
4	5292	203	512	6007	1332	266	2790	2689	-48	-7	10287	2222	12509	1310	13819	49.87
5	5307	269	512	6088	1330	235	2805	2785	-48	-8	10430	2324	12754	1308	14062	49.77
6	5344	309	513	6166	1325	211	2805	3116	-48	-11	10807	2719	13526	1416	14942	49.63
7	5432	279	513	6224	1333	209	3026	2704	42	85	10555	3571	14126	1556	15682	49.74
8	5444	274	512	6230	1333	169	3025	2930	42	81	10743	3737	14480	1657	16137	49.73
9	5445	271	510	6226	1328	102	3022	3123	36	79	10858	3624	14482	1869	16351	49.74
10	5309	600	505	6414	1313	63	3261	3763	-203	-153	11400	3576	14976	2150	17126	49.66
11	5247	1105	500	6852	1305	64	3264	3490	-212	-164	11547	3485	15032	2314	17346	49.70
12	5204	1037	488	6729	1299	82	3310	3731	-257	-218	11623	3602	15225	2412	17637	49.68
13	5167	795	478	6440	1297	140	3318	3293	-257	-212	10958	3619	14577	2376	16953	49.61
14	5186	614	478	6278	1298	197	3321	3733	-257	-213	11293	3565	14858	2232	17090	49.71
15	5207	405	474	6086	1290	250	3318	3769	-257	-214	11206	3715	14921	2285	17206	49.52
16	5171	370	479	6020	1297	295	3318	3815	-257	-215	11212	3534	14746	2290	17036	49.68
17	5220	415	481	6116	1297	305	3318	4081	-257	-213	11586	3496	15082	2312	17394	49.66
18	5274	366	487	6127	1301	253	3312	3886	-257	-212	11380	3100	14480	2228	16708	49.27
19	5236	823	489	6548	1305	263	3048	3687	-260	-216	11612	3718	15330	2255	17585	49.63
20	5226	1071	492	6789	1311	272	3169	3860	-260	-214	12069	3873	15942	2295	18237	49.59
21	5202	971	492	6665	1312	344	3138	3745	-213	-150	11967	3539	15506	2206	17712	49.53
22	5175	426	496	6097	1321	386	3135	3972	-213	-149	11678	3564	15242	2101	17343	49.75
23	5174	730	495	6399	1320	287	3066	3338	-255	-111	11283	3282	14565	1693	16258	49.50
24	5135	426	498	6059	1324	284	2948	3429	-202	-139	11008	2323	13331	1675	15006	49.62
MUs	126.11	12.37	11.94	150.42	31.54	5.53	73.81	81.41	-3.79	-2.59	266.67	76.05	342.72	46.19	388.91	49.67

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 24/Feb/2010

Position as on 6.30 Hrs of 25/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 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
Parli Unit 3	210	24/02/2010	09:15		Continued.	Boiler Tube Leakage.	27/02/2010
Cent_Sect NTPC(V-5)	210	24/02/2010	22:59		Continued.	Clinker formation.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Feb/2010

Position as on 6.30 Hrs of 25/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
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Koradi-Chandrapur	19/02/2010	17.08		Continued.	Breaker replacement,Ckt.on TBC.
400 KV TBC - II at Chandrapur.	24/02/2010	09:15	24/02/2010	14:21	Q.M. Work.
Parli-Solapur	24/02/2010	09:40	24/02/2010	14:51	Scada work.
BUS COUPLER @ KHAGHAR	24/02/2010	10:07		Continued.	Breaker Overhauling.
Solapur-Karad	24/02/2010	15:03	24/02/2010	16:39	Scada work.
Lonikand-Jejuri	24/02/2010	23:37		Continued.	Retrofitting of Main II dist. protecton relay @ Jejuri
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/6.6 KV 50 MVA STN.T/F at New Parly.	11/02/2010	11:24	24/02/2010	14:18	To attend Oil leakage through Bushing (Stn.T/F 7) load on UAT.
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.
Main Bus - Niwali Phata	24/02/2010	09:00	24/02/2010	18:43	Stringing of Cross Bus and connection of T connectors.
220/132 KV 100 MVA ICT at Bhandara	24/02/2010	10:31	24/02/2010	16:30	Q.M. Work.
New Parly - Beed - I	24/02/2010	10:50	24/02/2010	14:10	Q.M. Work.
220/132 KV,100MVA ICT-I at Beed	24/02/2010	10:50	24/02/2010	14:10	Q.M. Work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Paras-Malegaon	24/02/2010	08:54	24/02/2010	13:54	LILO work for Patur s/s.
Amravati - Akola	24/02/2010	11:01	24/02/2010	15:57	Q.M. Work.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV 315 MVA ICT -II DHULE	24/02/2010	16:21	24/02/2010	19:40	Repl. of LV side Y Ph conductor clamp and HV side R Ph PG Isolator.
Karad-Lonikand.	24/02/2010	18:15	24/02/2010	19:22	To Attend Red Hot Spot of Reactor Isolator.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Kalwa - Salshet - IV	24/02/2010	06:47	24/02/2010	11:31	Hot Spot on line side B Ph 29 A Isolator Jaw.
Voltage Level : 132KV			Outage Type FORCED OUTAGE		
Pardi-Uppalwadi	24/02/2010	12:38	24/02/2010	15:15	50 MVA T/F bus side Jumper replacement.
Pardi- Besa	24/02/2010	12:38	24/02/2010	15:15	50 MVA T/F Bus side jumper replacement.
Voltage Level : 400KV			Outage Type HAND TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Feb/2010

Position as on 6.30 Hrs of 25/Feb/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
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 : 220KV			Outage Type TRIPPED		
66KV Gadchandur-SICOM - I	23/02/2010	19.05	24/02/2010	17:40	R phase O/C, E/F at SICOM
66KV Gadchandur-SICOM - II	23/02/2010	19.05	24/02/2010	02:15	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
Gadchandur-Virur-I	24/02/2010	04:35	24/02/2010	05:00	Distance Protection Operated Zone - 1 B- Ph
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-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
Parbhani - Parbhani - I	23/02/2010	22.56	24/02/2010	00.38	Bus Bar Protection Operated
Nanded - Umri	25/02/2010	00:53	25/02/2010	01:06	Distance protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 25/Feb/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	75
Unit 2	105	70
Unit 3	105	0
Unit 4	105	80
Unit 5	200	160
Unit 6	210	160
Unit 7	210	180
	1040	725
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	0
Unit 4	210	80
Unit 5	210	180
Unit 6	250	250
	940	556
Chandrapur		
Unit 1	210	150
Unit 2	210	150
Unit 3	210	210
Unit 4	210	210
Unit 5	500	450
Unit 6	500	400
Unit 7	500	450
	2340	2020
Paras		
Unit 2	55	0
Unit 3	250	0
	305	0
Khaparkheda		
Unit 1	210	210
Unit 2	210	190
Unit 3	210	210
Unit 4	210	210
	840	820
Nasik		
Unit 1	120	100
Unit 2	120	100
Unit 3	210	195
Unit 4	210	195
Unit 5	210	200
	870	790
Uran		
All Units	852	500
	852	500
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	80
BHIRA T.R.	80	80
RNGR+BHTSA	20	14
BHANDARDRA	45	32
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	362
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	1265
RGPPPL III	740	
	1700	1265
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	3123
	3143	3123