



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

State Load Dispatch Center, Airoli

Daily system Report

for

02/Mar/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 02/Mar/2010 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	126.417	247.807	1) Madhya Pradesh	57.386	110.548
2) Hydro	8.932	15.282	2) Gujrat	29.898	59.449
3) Gas	11.770	23.391	3) Goa	-6.338	-11.501
Total MSGENCO	147.119	286.480	4) TAPS 1&2 (Inj.)	7.303	14.620
B) OTHERS			5) Pench (Excess)	-0.136	-0.211
1) RGPPL Gas	30.123	60.860	# Total Cent. Sector	88.113	172.905
2) Wind Generation	3.346	5.928	F) Other Exchanges		
3) PENCH (MS)	0.136	0.211	1) With TPCL	-3.051	-2.607
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	28.802	53.920	1) MSEDCL Bilateral	6.265	12.228
2) TPCL Hydro	5.058	5.515	Include PX	0.000	0.000
TOTAL TPCL	33.860	59.435	2) MUMBAI Bilateral	3.774	4.432
3) REL Thermal	12.646	25.370	Include PX	2.359	2.781
D) STATE			3) MUMBAI Schedule	3.774	4.432
1) Thermal (A1+C1+C3)	167.865	327.097	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	14.126	21.008	1) MSEDCL	265.786	523.777
3) Gas (A3+B1)	41.893	84.251	2) TPCL	32.051	56.249
4) Wind (B2)	3.346	5.928	3) REL	17.506	31.163
TOTAL STATE	227.230	438.284	TOTAL STATE	315.343	611.189

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	5280	5262	5248
MSGENCO Hydro	436	792	250
MSGENCO Gas	485	494	494
MSGENCO Total Generation	6201	6548	5992
Central Sector Receipt	3998	3958	2919
RGPPL	1258	1258	1255
WIND	43	227	99
Exchange with TPCL	-175	-238	-21
MSEDCL DEMAND MET	11325	11804	10244
Load Shedding	3551	3872	0
MSEDCL DEMAND (INCL. LS)	14876	15676	10244
TPCL GENERATION	1868	1705	849
REL GENERATION	529	527	523
TPCL+REL DEMAND	2572	2470	1393
STATE DEMAND MET	13897	14274	11637
STATE DEMAND (INCL. LS)	17448	18146	11637
Frequency (Hz)	49.84	50.00	50.40
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4429 MW at 21.00Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			71.89 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.67 Hz at 01.08 Hrs	49.33 Hz at 22.36 Hrs	50.04	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 02/Mar/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.54	3.11	67	61	65
Unit 2	1.64	3.29	73	64	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.97	3.83	88	74	80
Unit 5	3.80	7.52	164	149	160
Unit 6	3.84	7.63	178	145	160
Unit 7	4.72	9.26	204	174	200
	17.51	34.64			735
Bhusawal					
Unit 1	1.20	2.45	52	43	50
Unit 2	4.48	8.95	194	171	195
Unit 3	4.58	7.73	200	185	195
	10.26	19.13			440
Parli					
Unit 1	0.57	1.14	25	22	23
Unit 2	0.54	1.11	24	20	23
Unit 3	3.90	7.80	169	149	165
Unit 4	4.18	8.56	202	155	200
Unit 5	4.21	8.49	189	155	185
Unit 6	6.02	11.97	253	246	250
	19.42	39.06			846
Chandrapur					
Unit 1	0.00	1.16	0	0	0
Unit 2	3.48	7.20	151	130	150
Unit 3	4.48	8.99	193	180	210
Unit 4	4.56	9.36	199	172	210
Unit 5	9.03	18.56	412	358	400
Unit 6	8.43	17.14	373	328	375
Unit 7	9.99	20.52	450	379	450
	39.99	82.92			1795
Paras					
Unit 2	0.80	1.07	45	14	46
Unit 3	0.00	0.00	0	0	0
	0.80	1.07			46
Khaparkheda					
Unit 1	5.03	10.00	217	198	210
Unit 2	4.50	7.46	194	180	190
Unit 3	5.12	10.24	215	210	210
Unit 4	4.91	5.30	214	184	210
	19.56	33.00			820
Nasik					
Unit 1	2.25	4.51	96	91	95
Unit 2	2.27	4.53	99	91	95
Unit 3	4.95	9.88	212	195	205
Unit 4	4.66	9.43	198	189	205
Unit 5	4.76	9.63	204	194	205
	18.89	37.98			805
Uran					
All Units	11.77	23.39	497	482	470
	11.77	23.39			470
Koyna					
Stage 1-2	1.10	2.14	100	30	600
Stage 4	0.60	0.60	210	0	250
Koyna 12&4 Total	1.70	2.74			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.53	0.53	140	0	320
	2.23	3.26			1170
Hydro					
KDPH	0.63	1.09	38	19	20
VTRNA	1.13	2.27	61	0	60
TILLARI	0.37	0.75	61	0	60
BHTGR/VEER	2.48	4.85	104	103	97
BHIRA T.R.	0.19	0.23	73	0	80
RNGR+BHTSA	0.27	0.56	12	10	12
BHANDARDRA	0.41	1.01	25	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	1.22	1.26	120	0	0
	6.70	12.02			329
PENCH (MS)					
Pench (MS)	0.14	0.21	51	0	
	0.14	0.21			
Wind					
MalharPeth	0.14	0.27			
Vankuswadi	0.38	0.73			
ATIT	0.09	0.16			
Kale	0.17	0.31			
Satara	0.35	0.47			
Shirala	0.16	0.29			
K Mahankal	0.01	0.15			
Supa	0.17	0.30			
Vita	0.46	0.84			
Dondaicha	0.69	1.30			
Sakri	0.18	0.22			
Nandurbar	0.08	0.15			
Khadakale	0.35	0.55			
Khaparale	0.11	0.18			
	3.35	5.93			
Dabhol					
RGPP L II	30.12	60.86	1258	1250	1249
RGPP L III	0.00	0.00	0	0	
	30.12	60.86			1249
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.07	20.12	450	350	450
Trombay 6	8.83	14.10	510	150	500
Trombay 7A	2.98	5.91	128	121	120
Trombay 7B	1.64	3.29	70	67	60
Trombay 8	5.28	10.49	255	152	250
TATA Hydro	5.06	5.52	481	0	447
	33.86	59.44			1827
REL					
1&2	12.65	25.37	530	521	500
	12.65	25.37			500
Cent Sect					
Share					3193
					3193

MS PG CL	Thermal	126.42	247.81		5487
	Thml+Gas	138.19	271.20		5957
	Hydro	8.93	15.28		1499
	Total	147.12	286.48		7456
State Total		227.23	438.28		14225

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/Mar/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	5281	263	493	6037	1255	152	2771	3037	-45	-23	10458	0	10458	1625	12083	50.31
2	5308	258	495	6061	1255	171	2733	2804	-45	-21	10270	0	10270	1506	11776	50.41
3	5264	258	495	6017	1255	151	2736	2899	-45	-25	10297	0	10297	1400	11697	50.35
4	5248	250	494	5992	1255	99	2736	2919	-45	-21	10244	0	10244	1393	11637	50.40
5	5216	245	497	5958	1255	92	2735	3056	-45	-18	10343	0	10343	1392	11735	50.32
6	5277	256	495	6028	1255	98	2832	3527	-45	-21	10887	1174	12061	1435	13496	50.09
7	5287	263	495	6045	1255	83	3056	3193	45	67	10643	2795	13438	1591	15029	50.16
8	5312	259	493	6064	1255	79	3053	3282	45	68	10748	2855	13603	1711	15314	50.11
9	5316	270	494	6080	1255	90	3051	3318	42	68	10811	3138	13949	1924	15873	49.96
10	5374	415	490	6279	1255	93	3300	3544	-220	-180	10991	3539	14530	2316	16846	49.84
11	5325	516	486	6327	1257	99	3291	3757	-220	-181	11259	3465	14724	2457	17181	50.06
12	5280	436	485	6201	1258	43	3286	3998	-220	-175	11325	3551	14876	2572	17448	49.84
13	5267	343	482	6092	1255	27	3293	4254	-267	-242	11394	3496	14890	2587	17477	49.91
14	5238	296	487	6021	1250	29	3294	4235	-267	-246	11314	3456	14770	2442	17212	50.02
15	5263	320	485	6068	1255	60	3295	4285	-267	-253	11440	3628	15068	2482	17550	49.95
16	5257	338	488	6083	1255	105	3295	4215	-267	-257	11401	3387	14788	2484	17272	49.99
17	5256	348	487	6091	1254	158	3295	4046	-267	-250	11299	3356	14655	2476	17131	49.88
18	5262	369	484	6115	1254	156	3296	4022	-267	-248	11299	2990	14289	2479	16768	50.19
19	5284	746	492	6522	1257	159	3061	3771	-286	-258	11469	3655	15124	2441	17565	49.89
20	5262	792	494	6548	1258	227	3208	3958	-286	-238	11804	3872	15676	2470	18146	50.00
21	5272	645	486	6403	1254	285	3130	4213	-192	-135	12029	3580	15609	2303	17912	49.94
22	5239	518	491	6248	1255	334	3134	3757	-192	-136	11458	3594	15052	2193	17245	49.99
23	5215	264	490	5969	1255	287	3159	4124	-209	-182	11453	3178	14631	1953	16584	49.66
24	5127	265	492	5884	1256	269	3181	3897	-209	-144	11162	2278	13440	1925	15365	49.77
MUs	126.43	8.93	11.77	147.13	30.12	3.35	74.22	88.11	-3.77	-3.05	265.80	60.99	326.78	49.56	376.34	50.04

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 02/Mar/2010

Position as on 6.30 Hrs of 03/Mar/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
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.	05/03/2010
Chandrapur Unit 1	210	01/03/2010	08.49		Continued.	Boiler Tube Leakage	03/03/2010
Parli Unit 5	210	03/03/2010	00.11	03/03/2010	03.54	R phase CT Clamp Red Hot	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/Mar/2010

Position as on 6.30 Hrs of 03/Mar/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	26/02/2010	15.30		Continued.	H/T for O/V.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
BUS COUPLER @ KHAGHAR	24/02/2010	10:07		Continued.	Breaker Overhauling.
Main Bus -I at Kolhapur	26/02/2010	11.07		Continued.	Errection of Tower CT3, on 400KV M.B.side.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132KV 80MVA ICT at Nanded	19/02/2010	10.48		Continued.	Augmentation of ICT by 200 MVA.
220/132 KV,100 MVA ICT-I At Kalmeshwar	20/02/2010	10.34		Continued.	ICT replacement work.
Karad-M'peth	25/02/2010	08:00		Continued.	Erection of new Tower.
Nasik-Padgha	27/02/2010	08.17	02/03/2010	17.08	Conductor Replacement.
Boiser-PGCIL-I	02/03/2010	09.35	02/03/2010	10.38	C T Oil Sample Cheking.
Vankushwadi - MIDC Satara - I	02/03/2010	09.50	02/03/2010	19.30	Aux.Bus Isolator Replacement.
Boiser PGCIL-Boiser II	02/03/2010	10.40	02/03/2010	13.04	C T Oil Sample Cheking.
Nagothane-Mahad	02/03/2010	10.57	02/03/2010	16.14	For Mahad Bus Outage.
220 KV Main Bus @ Mahad	02/03/2010	11.05	02/03/2010	16.00	Connecting for New X'mer Bay.
200 MVA,220/132 KV ICT-I @ Harangul.	02/03/2010	11.05	02/03/2010	16.15	Quarterly Maintainance Work.
Borivali-Boisar	02/03/2010	14.36	02/03/2010	15.36	Measurment of Ground Clerance @ Span 129 to 180.
Trombay-Kalwa	02/03/2010	15.45	02/03/2010	18.58	R Ph Jumper Red Hot Loc 66 B.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/132 KV,115 MVA ICT - III @ Lonand	02/03/2010	10.40	02/03/2010	12.25	L V Side C T Oil Leakage.
Trombay-Mulund	02/03/2010	11.10	02/03/2010	14.15	B & Y Ph Jumper Red Hot @ Loc.64B.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	28/02/2010	14.08	02/03/2010	13.47	Hand Tripped for Over Voltage.
Bhusawal- Aurangabad	02/03/2010	17.07		Continued.	Hand Tripped for 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		
220/66KV,50MVA T/F-II at Wardha	02/03/2010	00.55		Continued.	Y Ph LV side CT Burst.
Apta-Bombay Dyeing	02/03/2010	07.04	02/03/2010	18.05	One Pole Trip @ Bombaydying Only.
Voltage Level : 132KV			Outage Type TRIPPED		
Kawlewada-Madgi-I	01/03/2010	22.05	02/03/2010	12.05	Y Ph. LA burst at Madgi end.
Ambazari - Hingna - I	02/03/2010	20.41	02/03/2010	21.28	Distance Protection.
132/11 KV,20 MVA X'mer - I @ Hingna	02/03/2010	20.43		Continued.	H V Side R Ph C T Burnt.
Hingna-Mankapur-I	02/03/2010	21.41	02/03/2010	21.32	Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 03/Mar/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	
Unit 2	105	
Unit 3	105	
Unit 4	105	
Unit 5	200	
Unit 6	210	
Unit 7	210	
	1040	
Bhusawal		
Unit 1	58	
Unit 2	210	
Unit 3	210	
	478	
Parli		
Unit 1	30	
Unit 2	30	
Unit 3	210	
Unit 4	210	
Unit 5	210	
Unit 6	250	
	940	
Chandrapur		
Unit 1	210	
Unit 2	210	
Unit 3	210	
Unit 4	210	
Unit 5	500	
Unit 6	500	
Unit 7	500	
	2340	
Paras		
Unit 2	55	
Unit 3	250	
	305	
Khaparkheda		
Unit 1	210	
Unit 2	210	
Unit 3	210	
Unit 4	210	
	840	
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	
Unit 4	210	
Unit 5	210	
	870	
Uran		
All Units	852	
	852	
Koyna		
Stage 1-2	600	
Stage 4	1000	
Stage 3	320	
	1920	
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	
VTRNA	60	
TILLARI	60	
BHTGR/VEER	21	
BHIRA T.R.	80	
RNGR+BHTSA	20	
BHANDARDRA	45	
ELDARY	23	
PAITHAN	12	
GHATGHAR	250	
	611	
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	
RGPPPL III	740	
	1700	
Tata		
Trombay 4	150	
Trombay 5	500	
Trombay 6	500	
Trombay 7A	120	
Trombay 7B	60	
Trombay 8	250	
TATA Hydro	444	
	2024	
REL		
1&2	500	
	500	
Cent Sect		
Share	3143	
	3143	