



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

State Load Dispatch Center, Airoli

Daily system Report

for

11/Feb/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 11/Feb/2010 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	119.921	1342.299	1) Madhya Pradesh	68.893	707.231
2) Hydro	6.259	84.340	2) Gujrat	21.437	268.470
3) Gas	13.041	131.384	3) Goa	-6.534	-69.059
Total MSGENCO	139.221	1558.023	4) TAPS 1&2 (Inj.)	7.202	73.912
B) OTHERS			5) Pench (Excess)	-0.021	-2.178
1) RGPPL Gas	30.507	334.089	# Total Cent. Sector	90.977	978.376
2) Wind Generation	3.036	26.141	F) Other Exchanges		
3) PENCH (MS)	0.021	2.178	1) With TPCL	-3.115	-48.025
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	24.937	258.060	1) MSEDCL Bilateral	5.925	64.826
2) TPCL Hydro	5.181	58.662	Include PX	0.000	1.247
TOTAL TPCL	30.118	316.722	2) MUMBAI Bilateral	4.164	48.948
3) REL Thermal	12.711	138.650	Include PX	2.457	31.845
D) STATE			3) MUMBAI Schedule	4.164	53.991
1) Thermal (A1+C1+C3)	157.569	1739.009	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	11.461	145.180	1) MSEDCL	260.647	2850.782
3) Gas (A3+B1)	43.548	465.473	2) TPCL	30.212	329.255
4) Wind (B2)	3.036	26.141	3) REL	15.731	174.040
TOTAL STATE	215.614	2375.803	TOTAL STATE	306.590	3354.077

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4956	4974	4943
MSGENCO Hydro	347	546	196
MSGENCO Gas	549	547	544
MSGENCO Total Generation	5852	6067	5683
Central Sector Receipt	3966	4094	3413
RGPPL	1273	1266	1281
WIND	75	155	65
Exchange with TPCL	-188	-266	12
MSEDCL DEMAND MET	10978	11320	10454
Load Shedding	3451	3819	0
MSEDCL DEMAND (INCL. LS)	14429	15139	10454
TPCL GENERATION	1629	1516	795
REL GENERATION	529	529	531
TPCL+REL DEMAND	2346	2311	1314
STATE DEMAND MET	13324	13631	11768
STATE DEMAND (INCL. LS)	16775	17450	11768
Frequency (Hz)	49.91	49.78	50.11
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4150 MW At 10.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			74.13 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.52 Hz at 06.05 Hrs	49.4 Hz at 20.34 Hrs	49.93	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 11/Feb/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.78	21.08	82	69	80
Unit 2	1.60	15.36	70	62	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.62	11.14	81	56	60
Unit 5	3.60	38.53	164	133	160
Unit 6	3.70	41.62	169	140	160
Unit 7	4.32	47.67	206	157	200
	16.62	175.40			730
Bhusawal					
Unit 1	1.20	11.94	50	50	50
Unit 2	4.64	49.43	200	190	195
Unit 3	4.54	50.18	195	180	195
	10.38	111.56			440
Parli					
Unit 1	0.55	6.16	24	22	23
Unit 2	0.52	5.89	24	20	23
Unit 3	3.91	41.77	169	158	160
Unit 4	4.62	45.30	208	173	200
Unit 5	0.00	0.00	0	0	0
Unit 6	5.90	67.49	254	214	250
	15.51	166.62			656
Chandrapur					
Unit 1	3.47	38.44	149	140	160
Unit 2	3.59	41.62	156	136	150
Unit 3	4.08	46.73	192	134	210
Unit 4	4.72	50.29	200	190	210
Unit 5	9.60	109.01	425	362	450
Unit 6	9.40	100.04	415	365	450
Unit 7	10.28	113.44	455	347	450
	45.14	499.58			2080
Paras					
Unit 2	1.07	11.92	48	41	46
Unit 3	4.34	48.27	198	106	210
	5.40	60.19			256
Khaparkheda					
Unit 1	1.40	1.40	140	0	0
Unit 2	4.21	49.83	185	168	175
Unit 3	4.76	53.67	213	182	200
Unit 4	5.07	47.70	215	207	205
	15.44	152.60			580
Nasik					
Unit 1	2.33	19.45	102	90	95
Unit 2	0.14	15.46	62	0	0
Unit 3	4.11	44.86	184	165	170
Unit 4	0.00	44.33	0	0	0
Unit 5	4.84	52.26	207	184	200
	11.43	176.36			465
Uran					
All Units	13.04	131.38	552	533	495
	13.04	131.38			495
Koyna					
Stage 1-2	0.78	15.56	45	25	440
Stage 4	0.00	12.65	0	0	250
Kovna 12&4 Total	0.78	28.21			690

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.41	6.33	160	0	240
	1.18	34.54			930
Hydro					
KDPH	0.90	2.40	38	36	36
VTRNA	0.00	3.64	0	0	0
TILLARI	0.37	3.99	59	0	60
BHTGR/VEER	1.97	19.19	82	82	74
BHIRA T.R.	0.27	3.06	80	0	80
RNGR+BHTSA	0.29	3.19	13	11	13
BHANDARDRA	0.77	2.74	32	32	32
ELDARY	0.00	1.27	0	0	0
PAITHAN	0.06	0.59	10	0	0
GHATGHAR	0.45	9.71	125	0	0
	5.08	49.80			295
PENCH (MS)					
Pench (MS)	0.02	2.18	15	0	
	0.02	2.18			
Wind					
MalharPeth	0.06	0.89			
Vankuswadi	0.24	2.63			
ATIT	0.05	0.90			
Kale	0.09	0.76			
Satara	0.17	1.24			
Shirala	0.08	0.85			
K Mahankal	0.01	0.32			
Supa	0.06	0.62			
Vita	0.47	4.93			
Dondaicha	0.94	8.09			
Sakri	0.16	1.30			
Nandurbar	0.14	1.14			
Khadakale	0.42	1.44			
Khaparale	0.18	1.05			
	3.04	26.14			
Dabhol					
RGPP L II	30.51	334.09	1283	1260	1260
RGPP L III	0.00	0.00	0	0	
	30.51	334.09			1260
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	8.46	38.90	450	230	500
Trombay 6	7.35	117.36	440	150	500
Trombay 7A	2.54	26.74	127	90	120
Trombay 7B	1.48	16.31	68	58	60
Trombay 8	5.10	58.75	250	150	250
TATA Hydro	5.18	58.66	481	0	447
	30.12	316.72			1877
REL					
1&2	12.71	138.65	533	528	500
	12.71	138.65			500
Cent Sect					
Share					3192
					3192

MS PG CL	Thermal	119.92	1342.30		5207
	Thml+Gas	132.96	1473.68		5702
	Hydro	6.26	84.34		1225
	Total	139.22	1558.02		6927
State Total		215.61	2375.80		13756

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 11/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	5074	191	543	5808	1274	64	2599	3377	-39		10523	428	10951	1464	12415	49.96
2	5001	191	543	5735	1280	69	2599	3404	-39	5	10493	0	10493	1373	11866	50.07
3	4943	196	544	5683	1281	65	2599	3413	-39	12	10454	0	10454	1314	11768	50.11
4	5005	191	543	5739	1283	52	2599	3396	-39	7	10477	0	10477	1305	11782	50.17
5	5017	193	544	5754	1277	41	2599	3582	-39	4	10658	0	10658	1301	11959	49.97
6	5027	193	544	5764	1278	49	2772	3735	-39	8	10834	2135	12969	1337	14306	49.97
7	5067	198	544	5809	1265	54	2994	3712	51	101	10941	2891	13832	1517	15349	49.92
8	5038	193	543	5774	1260	74	2994	3785	51	104	10997	3146	14143	1663	15806	49.78
9	5037	206	548	5791	1272	53	2993	3511	45	95	10722	3408	14130	1880	16010	49.70
10	5015	268	548	5831	1273	47	3281	3828	-243	-182	10797	3608	14405	2191	16596	49.74
11	4956	347	549	5852	1273	75	3272	3966	-243	-188	10978	3451	14429	2346	16775	49.91
12	4971	468	552	5991	1264	91	3325	3716	-297	-240	10822	3519	14341	2428	16769	49.90
13	5005	212	541	5758	1266	123	3327	3804	-297	-261	10690	3509	14199	2366	16565	50.06
14	5055	195	540	5790	1270	124	3327	3749	-297	-253	10680	3293	13973	2252	16225	50.04
15	5013	195	533	5741	1266	144	3327	4129	-297	-270	11010	3289	14299	2255	16554	49.90
16	4970	195	536	5701	1264	159	3327	4298	-297	-271	11151	3088	14239	2272	16511	49.96
17	4955	210	539	5704	1262	149	3327	4352	-297	-263	11204	3016	14220	2258	16478	49.88
18	4935	283	543	5761	1267	152	3324	4520	-297	-267	11433	2783	14216	2220	16436	49.97
19	4986	506	542	6034	1269	153	3101	4354	-334	-308	11502	3502	15004	2232	17236	49.88
20	4974	546	547	6067	1266	155	3188	4094	-300	-266	11320	3819	15139	2311	17450	49.78
21	4992	454	546	5992	1269	255	3139	3831	-245	-187	11175	3463	14638	2155	16793	49.81
22	4976	237	543	5756	1277	306	3081	3460	-205	-158	10643	3429	14072	2120	16192	50.03
23	4984	188	543	5715	1274	285	3006	3542	-238	-203	10613	2947	13560	1745	15305	49.86
24	4925	203	543	5671	1277	297	2858	3419	-193	-134	10530	1688	12218	1639	13857	50.06
MUs	119.92	6.26	13.04	139.22	30.51	3.04	72.96	90.98	-4.16	-3.12	260.65	60.41	321.06	45.94	367.00	49.93

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 11/Feb/2010

Position as on 6.30 Hrs of 12/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
Khaparkheda Unit 1	210	05/01/2010	23.57	11/02/2010	08.22	AOH	
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 9	80	20/01/2010	11:00		Continued.	AOH.	19/02/2010
Koyna Unit 7	80	10/02/2010	08.10		Continued.	Pressure Shaft work(For 15 Days)	25/02/2010
Koyna Unit 8	80	10/02/2010	08.25		Continued.	Needle valve work (For 15 Days)	25/02/2010
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 1B	230	30/01/2010	01.45	11/02/2010	23.20	Turbine temp.high	
Nasik Unit 2	125	08/02/2010	10.55	11/02/2010	20.50	Boiler Tube Leakage.	
Nasik Unit 4	210	10/02/2010	09.40	12/02/2010	08.15	Boiler Tube Leakage	
Khaparkheda Unit 1	210	11/02/2010	09.38	11/02/2010	10.52	Flame failure.	
Khaparkheda Unit 1	210	11/02/2010	10.55	11/02/2010	11.50	Flame failure.	
Dabhol 1B	230	12/02/2010	05.40	12/02/2010	08.30	Tripped	
Parli Unit 3	210	12/02/2010	13.50	12/02/2010	19.31	CT Clamp HOt Spot.	
Chandrapur Unit 6	500	12/02/2010	15.45	12/02/2010	17.45	Flame failure.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Feb/2010

Position as on 6.30 Hrs of 12/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.
Akola - Wardha - II	05/02/2010	09.22		Continued.	H/T to control Akola Bus Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Akola - Aurangabad - I	06/02/2010	10.15		Continued.	R Ph.of breaker caught fire Bus Bar Protection Operated.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220KV 315MVA ICT-I at Kharghar	04/02/2010	12.18		Continued.	Taken on TBC.
New Koyna - Dabhol - II	11/02/2010	08.10	11/02/2010	14.24	Replacement of B Ph isolator.
Main Bus-II at New Koyna	11/02/2010	08.12	11/02/2010	10.15	Bus erection work.
400/220 KV,600 MVA ICT-I @ Kalwa	11/02/2010	08.35		Continued.	Replacement of 29C isolator.
400KV BBLSR TBC.	11/02/2010	09.10	11/02/2010	11.50	Q.M.work.
400/11.5KV,90MVA STN T/F V At 400 KV C'pur	11/02/2010	10.55	12/02/2010	17.10	Measurement of tan delta of CT.
New Koyna - StageIV - I	11/02/2010	10.59	11/02/2010	14.41	B ph.Bkr.pole problem.
Lonikand-Parli-I	11/02/2010	11.41	11/02/2010	17.40	Errection of Bus Post insulator on TBC bay.
Main Bus-I at New Koyna	11/02/2010	12.10	11/02/2010	17.41	Bus erection work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Aurangabad - Padegaon - I.	27/01/2010	16:35		Continued.	BKR. Replacement work, ckt on TBC. (15 days)
TBC at Kalwa.	08/02/2010	11.35		Continued.	Replacement of 29 C Isolator.
Bus Coupler Bay @ Karad	08/02/2010	12.02		Continued.	Isolator and Breaker Replacement.
Kandalgaon-Lonand	11/02/2010	08.30	11/02/2010	18.34	Earth Wire replacement work.
Lonikand - Bhosari	11/02/2010	08.34	11/02/2010	18.10	Insulator replacement work.
Jindal - Ghatghar	11/02/2010	08.41	11/02/2010	17.54	Conductor replacement work at Loc.No.194 to 215.
New Koyna - Pawas	11/02/2010	09.08	11/02/2010	17.06	Insulator washing.
220/132KV 100MVA ICT-I at Parbhani	11/02/2010	09.32	11/02/2010	14.40	Q.M.Work of ICT
Pusad -Parbhani	11/02/2010	10.54	11/02/2010	16.49	Attending hot spot of isolator.
Pusad-Nanded	11/02/2010	10.57	11/02/2010	16.47	Attending hot spot of isolator of 220 KV Nanded ckt.
220/132 KV,100 MVA ICT at PUSAD	11/02/2010	11.02	11/02/2010	16.38	Attending hot spot of isolator.
220 KV Bus Section-II at Telco.	11/02/2010	11.12	11/02/2010	18.20	Outage.
220 KV Jejuri Bus. I	11/02/2010	13.30		Continued.	Outage.
Kandalgaon-Lonand	12/02/2010	08.10	12/02/2010	17.52	E/W Stringing.
Boiser PGCIL-Boiser II	12/02/2010	08.16	12/02/2010	15.08	Tandelta measurement.
Main Bus I at Khargar	12/02/2010	09.50	12/02/2010	19.44	Replacement of PT Isolator.
220/132 KV 50MVA T/F at Chitegaon	12/02/2010	11.00	12/02/2010	14.45	Attending oil leakage of R-Ph of 33KV CT.
220/132 KV 150MVA ICT at Bhandara	12/02/2010	11.33	12/02/2010	13.50	Replacement of N.R.V.and maintenance.
Mahape-Tifil	12/02/2010	11.37	12/02/2010	18.54	Testing Work.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Feb/2010

Position as on 6.30 Hrs of 12/Feb/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Bus Section I at Wada	12/02/2010	12.05	12/02/2010	15.46	Jumpering of main Bus to isolator for T/F 4.
250MVA 15.75/220KV GT III at Parly-I	12/02/2010	13.50	12/02/2010	15.30	To attend Red Hot spot B-Ph CT clamp.
New parly-Nanded	12/02/2010	14.21	12/02/2010	16.43	Retrofitting of Dist,Relay.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Chalisgaon - Manmad - I	12/02/2010	09.30		Continued.	Breaker replacement.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Murud-Bale	08/02/2010	20.40		Continued.	Due to isolator problem,taken on TBC.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	10/02/2010	18.01	11/02/2010	09.24	H/T from both end
Bhusawal- Aurangabad	11/02/2010	18.28		Continued.	H/T for O/V.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Kharghar-Nerul	12/02/2010	09.49	12/02/2010	10.05	Isolator work.
Voltage Level : 220KV			Outage Type TRIPPED		
220/33KV, 25MVA T/F at Gadchandur	26/01/2010	09:50		Continued.	Buccholtz Trip.
Kalwa-Mahape	11/02/2010	10.30	11/02/2010	16.35	wave trap burst.
Mahape-Tifil	11/02/2010	10.31	11/02/2010	13.54	Distance protection PT supply failed.
Trombay - Tifil	11/02/2010	12.16	11/02/2010	12.45	Tripped R Ph.-E, Z-1
Voltage Level : 132KV			Outage Type TRIPPED		
132/33 KV,25 MVA T/F-I at Katol	23/01/2010	10.44		Continued.	Differential protection operated.
Ashti - Mul	11/02/2010	02.40	11/02/2010	03.01	Tripped on distance protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 12/Feb/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	80
Unit 2	105	60
Unit 3	105	0
Unit 4	105	60
Unit 5	200	140
Unit 6	210	160
Unit 7	210	160
	1040	660
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	200
Unit 5	210	0
Unit 6	250	250
	940	656
Chandrapur		
Unit 1	210	150
Unit 2	210	160
Unit 3	210	210
Unit 4	210	210
Unit 5	500	400
Unit 6	500	400
Unit 7	500	425
	2340	1955
Paras		
Unit 2	55	46
Unit 3	250	200
	305	246
Khaparkheda		
Unit 1	210	150
Unit 2	210	190
Unit 3	210	180
Unit 4	210	210
	840	730
Nasik		
Unit 1	120	95
Unit 2	120	60
Unit 3	210	170
Unit 4	210	0
Unit 5	210	200
	870	525
Uran		
All Units	852	495
	852	495
Koyna		
Stage 1-2	600	440
Stage 4	1000	250
Stage 3	320	240
	1920	930
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	36
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	82
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	32
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	313
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	1297
RGPPPL III	740	
	1700	1297
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	3215
	3143	3215