



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

State Load Dispatch Center, Airoli

Daily system Report

for

06/Feb/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 06/Feb/2010 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	122.536	725.332	1) Madhya Pradesh	62.765	360.210
2) Hydro	7.459	50.894	2) Gujrat	24.255	166.621
3) Gas	10.696	72.406	3) Goa	-5.990	-37.507
Total MSGENCO	140.691	848.632	4) TAPS 1&2 (Inj.)	7.254	39.944
B) OTHERS			5) Pench (Excess)	-0.138	-1.499
1) RGPPL Gas	29.199	181.397	# Total Cent. Sector	88.146	527.769
2) Wind Generation	3.164	11.836	F) Other Exchanges		
3) PENCH (MS)	0.138	1.499	1) With TPCL	-4.267	-34.409
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	22.737	128.652	1) MSEDCL Bilateral	5.920	35.206
2) TPCL Hydro	5.179	36.710	Include PX	0.000	1.247
TOTAL TPCL	27.916	165.362	2) MUMBAI Bilateral	3.791	32.127
3) REL Thermal	12.727	76.383	Include PX	1.937	21.475
D) STATE			3) MUMBAI Schedule	5.046	37.170
1) Thermal (A1+C1+C3)	158.000	930.367	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	12.776	89.103	1) MSEDCL	257.071	1536.724
3) Gas (A3+B1)	39.895	253.803	2) TPCL	29.273	180.861
4) Wind (B2)	3.164	11.836	3) REL	15.635	95.188
TOTAL STATE	213.835	1285.109	TOTAL STATE	301.979	1812.773

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	5134	5300	4881
MSGENCO Hydro	516	644	131
MSGENCO Gas	480	395	485
MSGENCO Total Generation	6130	6339	5497
Central Sector Receipt	3600	4259	3010
RGPPL	1263	1206	1200
WIND	166	96	135
Exchange with TPCL	-246	-237	-16
MSEDCL DEMAND MET	10938	11663	9826
Load Shedding	3575	4066	1744
MSEDCL DEMAND (INCL. LS)	14513	15729	11570
TPCL GENERATION	1537	1488	806
REL GENERATION	530	529	531
TPCL+REL DEMAND	2313	2254	1353
STATE DEMAND MET	13251	13917	11179
STATE DEMAND (INCL. LS)	16826	17983	12923
Frequency (Hz)	49.86	49.78	49.86
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4987 MW at 16.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			87.15 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.29 Hz at 16.06 Hrs	49.07 Hz at 09.24 Hrs	49.77	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 06/Feb/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.87	11.75	88	63	80
Unit 2	1.60	7.39	70	60	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.65	2.11	84	42	60
Unit 5	3.88	19.76	171	151	160
Unit 6	3.95	22.48	185	150	160
Unit 7	4.56	25.58	202	168	195
	17.50	89.07			725
Bhusawal					
Unit 1	1.20	6.06	50	50	50
Unit 2	4.57	26.65	194	183	190
Unit 3	4.67	27.56	202	189	195
	10.44	60.26			435
Parli					
Unit 1	0.58	3.36	25	23	23
Unit 2	0.54	3.22	25	21	23
Unit 3	3.71	22.88	163	108	160
Unit 4	1.28	24.34	198	0	0
Unit 5	0.00	0.00	0	0	0
Unit 6	5.95	37.55	254	243	250
	12.06	91.35			456
Chandrapur					
Unit 1	3.39	21.00	150	119	150
Unit 2	3.70	23.15	160	133	160
Unit 3	4.31	25.11	188	164	210
Unit 4	4.60	26.83	200	184	210
Unit 5	10.06	57.77	461	355	400
Unit 6	9.33	52.48	430	350	450
Unit 7	9.90	60.64	446	364	450
	45.29	266.98			2030
Paras					
Unit 2	1.09	6.58	48	42	46
Unit 3	2.72	25.78	133	104	115
	3.82	32.36			161
Khaparkheda					
Unit 1	0.00	0.00	0	0	0
Unit 2	4.60	27.47	199	182	185
Unit 3	5.09	29.53	214	208	205
Unit 4	5.07	29.92	217	204	200
	14.76	86.92			590
Nasik					
Unit 1	2.35	8.08	105	91	95
Unit 2	2.12	12.44	94	85	95
Unit 3	4.85	21.44	210	194	205
Unit 4	4.64	28.20	208	185	205
Unit 5	4.73	28.22	207	185	200
	18.68	98.39			800
Uran					
All Units	10.70	72.41	498	390	480
	10.70	72.41			480
Koyna					
Stage 1-2	2.00	10.26	285	35	600
Stage 4	0.69	10.89	220	0	250
Kovna 12&4 Total	2.69	21.16			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.62	4.27	160	0	240
	3.31	25.43			1090
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	0.00	3.64	0	0	60
TILLARI	0.36	2.14	60	0	60
BHTGR/VEER	1.58	9.50	66	66	66
BHIRA T.R.	0.29	1.82	80	0	80
RNGR+BHTSA	0.36	1.76	15	15	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.17	1.08	13	0	0
PAITHAN	0.05	0.33	9	0	10
GHATGHAR	1.33	5.19	136	0	0
	4.15	25.46			291
PENCH (MS)					
Pench (MS)	0.14	1.50	40	0	
	0.14	1.50			
Wind					
MalharPeth	0.13	0.48			
Vankuswadi	0.34	1.46			
ATIT	0.35	0.58			
Kale	0.04	0.35			
Satara	0.13	0.52			
Shirala	0.18	0.47			
K Mahankal	0.14	0.21			
Supa	0.04	0.33			
Vita	0.89	2.75			
Dondaicha	0.49	3.01			
Sakri	0.05	0.55			
Nandurbar	0.07	0.32			
Khadakale	0.10	0.39			
Khaparale	0.22	0.42			
	3.16	11.84			
Dabhol					
RGPPPL II	29.20	181.40	1270	1200	1228
RGPPPL III		0.00	0	0	
	29.20	181.40			1228
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	3.30	3.66	250	0	200
Trombay 6	10.08	69.28	510	250	500
Trombay 7A	2.61	14.08	127	88	120
Trombay 7B	1.54	8.79	69	59	60
Trombay 8	5.21	32.84	250	150	250
TATA Hydro	5.18	36.71	481	0	447
	27.92	165.36			1577
REL					
1&2	12.73	76.38	532	528	500
	12.73	76.38			500
Cent Sect					
Share					3260
					3260

MS PG CL	Thermal	122.54	725.33		5197
	Thml+Gas	133.23	797.74		5677
	Hydro	7.46	50.89		1381
	Total	140.69	848.63		7058
State Total		213.84	1285.11		13623

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/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	5112	121	485	5718	1200	93	2784	2856	-45	-15	9852	1965	11817	1508	13325	49.69
2	4870	126	485	5481	1202	133	2784	3169	-45	-14	9971	1937	11908	1428	13336	49.85
3	4881	131	485	5497	1200	135	2781	3010	-45	-16	9826	1744	11570	1353	12923	49.86
4	4927	126	486	5539	1202	127	2778	2859	-45	-13	9714	2015	11729	1301	13030	49.96
5	4923	126	486	5535	1203	152	2778	3142	-45	-10	10045	2103	12148	1286	13434	49.78
6	4920	356	490	5766	1203	172	2894	3272	-45	-37	10403	2537	12940	1332	14272	49.65
7	5052	206	491	5749	1203	176	3145	2945	45	75	10148	3463	13611	1481	15092	49.74
8	5106	151	498	5755	1228	207	3139	3317	45	71	10578	3764	14342	1570	15912	49.62
9	5146	118	498	5762	1270	177	3136	3311	40	69	10589	3878	14467	1742	16209	49.60
10	5184	309	490	5983	1263	225	3426	3377	-200	-155	10733	3918	14651	2067	16718	49.46
11	5134	516	480	6130	1263	166	3422	3600	-300	-246	10938	3575	14513	2313	16826	49.86
12	5119	481	471	6071	1247	187	3465	3564	-400	-381	10711	3715	14426	2326	16752	49.74
13	5080	446	445	5971	1250	138	3414	4024	-395	-397	10986	3716	14702	2271	16973	49.58
14	5087	474	420	5981	1219	83	3414	4160	-445	-448	10995	3681	14676	2198	16874	49.86
15	5076	426	410	5912	1206	76	3398	4292	-445	-446	11040	3816	14856	2168	17024	49.79
16	5029	489	402	5920	1205	85	3400	4439	-445	-447	11202	3680	14882	2157	17039	49.86
17	5067	464	394	5925	1203	71	3390	4455	-495	-457	11197	3682	14879	2182	17061	49.89
18	5099	275	390	5764	1201	81	3458	4519	-245	-225	11340	3404	14744	2056	16800	49.85
19	5233	363	395	5991	1203	92	3309	4387	-293	-229	11444	3953	15397	2256	17653	49.86
20	5300	644	395	6339	1206	96	3357	4259	-302	-237	11663	4066	15729	2254	17983	49.78
21	5353	458	399	6210	1206	98	3267	4236	-255	-190	11560	3734	15294	2178	17472	49.82
22	5304	144	399	5847	1206	113	3261	3962	-240	-174	10954	3756	14710	2069	16779	49.97
23	5249	368	400	6017	1205	146	3220	3516	-243	-204	10680	3379	14059	1725	15784	49.56
24	5264	141	402	5807	1205	135	3002	3467	-198	-141	10473	1918	12391	1689	14080	49.78
MUs	122.52	7.46	10.70	140.67	29.20	3.16	76.42	88.14	-5.05	-4.27	257.04	77.40	334.44	44.91	379.35	49.77

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 06/Feb/2010

Position as on 6.30 Hrs of 07/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		Continued.	AOH	09/02/2010
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 9	80	20/01/2010	11:00		Continued.	AOH.	19/02/2010
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		Continued.	Turbine temp.high	08/02/2010
Parli Unit 5	210	30/01/2010	17.34		Continued.	Hydrogen Leakage	09/02/2010
Parli Unit 4	210	06/02/2010	01.08	06/02/2010	17.40	Flash on 6.6 KV PT.	
Tata Trombay 5	500	06/02/2010	10.58	06/02/2010	16.21	Load through test.	
Parli Unit 4	210	07/02/2010	02.39	07/02/2010	09.25	Boiler feed pump problem.	
REL 1	250	07/02/2010	04.03	07/02/2010	06.18	Governer problem.	
REL 1	250	07/02/2010	06:29	07/02/2010	07.41	Governor Problem.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Feb/2010

Position as on 6.30 Hrs of 07/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.
Akola-Aurangabad--II	05/02/2010	08.55	06/02/2010	16.48	H/T.
Akola - Wardha - II	05/02/2010	09.22		Continued.	H/T.
Voltage Level : 400KV			Outage Type TRIPPED		
Akola - Aurangabad - I	06/02/2010	10.15		Continued.	R Ph.of breaker caught fire.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220KV 315MVA ICT-I at Kharghar	04/02/2010	12.18		Continued.	Taken on TBC.
Bablsr-Padgha Ckt I	06/02/2010	07.45	06/02/2010	22.28	Insulator replacement work.
400/220KV,315MVA ICT-I at Karad	06/02/2010	20.57	06/02/2010	23.41	Sparking in neutral CT Terminal box.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Aurangabad - Padegaon - I.	27/01/2010	16:35		Continued.	BKR. Replacement work, ckt on TBC. (15 days)
Kalwa - Ghatghar	29/01/2010	09.12		Continued.	Replacement of conductor.
Nasik - Ghatghar	30/01/2010	08.56	06/02/2010	18.51	Conductor Repalcement.
220/100KV,100MVA ICT-IV at K'gaon	04/02/2010	09.35	06/02/2010	09.40	C.T.replacement work.
New Koyna - Pawas	06/02/2010	09.13	06/02/2010	18.03	Insulator replacement work.
Jindal - Ghatghar	06/02/2010	09.30	06/02/2010	16.45	Conductor replacement.
Kolhapur-Karad-IV	06/02/2010	10.28	06/02/2010	17.22	Wave trap and CC replacement.
Chandrapur Rly TSS Ckt-I	06/02/2010	11.16	06/02/2010	17.38	Measurement of tan delta of CT.
Warora 220 KV Bus.Sectionalizer Bay.	06/02/2010	12.20	06/02/2010	16.35	Jumpering work of CC by PGCIL.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Aurangabad Bus Coupler	06/02/2010	10.25	06/02/2010	11.22	H/T Due to 400 KV A'bad-Akola - I R Ph BKR Burst.
Aurangabad - Padegaon - I.	06/02/2010	10.27	06/02/2010	11.17	H/T Due to 400 KV A'bad-Akola - I R Ph BKR Burst.
Aurangabad-Padegaon CKT-II	06/02/2010	10.27	06/02/2010	11.18	H/T due to 400 KV A'bad-Akola -I R Ph BKR Burst.
Aurangabad-Jalna-I	06/02/2010	10.27	06/02/2010	11.24	H/T Due to 400 KV A'bad-Akola - I R Ph BKR Burst.
Aurangabad-Jalna-II	06/02/2010	10.27	06/02/2010	11.24	H/T due to 400 KV A'bad-Akola - I R Ph BKR Burst.
Voltage Level : 400KV			Outage Type TRIPPED		
Bableshwar-Aurangabad	06/02/2010	10.25	06/02/2010	11.16	Direct trip fault at Aurangabad end.
Bus coupler at Aurangabad	06/02/2010	10.25	06/02/2010	11.22	Trip
400/220 KV 315 MVA ICT - I at Aurangabad	06/02/2010	10.25	06/02/2010	11.03	Trip
400/220KV, 315MVA ICT-II at Aurangabad.	06/02/2010	10.25	06/02/2010	11.22	Trip
Bhusawal- Aurangabad	06/02/2010	10.25	06/02/2010	11.39	Trip.
Voltage Level : 220KV			Outage Type TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Feb/2010

Position as on 6.30 Hrs of 07/Feb/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
220/33KV, 25MVA T/F at Gadchandur	26/01/2010	09:50		Continued.	Buccholtz Trip.
Bableshtar - Ahemednagar ckt. I	06/02/2010	10.25	06/02/2010	11.20	O/L trimming scheme operated.
Babaleshtar - Nagar - II	06/02/2010	10.25	06/02/2010	11.21	O/L trimming scheme operated.
BBLSR-Waluj	06/02/2010	10.25	06/02/2010	11.45	Back up over current.
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.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 07/Feb/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	85
Unit 2	105	70
Unit 3	105	0
Unit 4	105	90
Unit 5	200	170
Unit 6	210	170
Unit 7	210	165
	1040	750
Bhusawal		
Unit 1	58	50
Unit 2	210	190
Unit 3	210	195
	478	435
Parli		
Unit 1	30	23
Unit 2	30	23
Unit 3	210	160
Unit 4	210	0
Unit 5	210	0
Unit 6	250	250
	940	456
Chandrapur		
Unit 1	210	150
Unit 2	210	160
Unit 3	210	210
Unit 4	210	210
Unit 5	500	450
Unit 6	500	450
Unit 7	500	450
	2340	2080
Paras		
Unit 2	55	40
Unit 3	250	121
	305	161
Khaparkheda		
Unit 1	210	0
Unit 2	210	190
Unit 3	210	210
Unit 4	210	210
	840	610
Nasik		
Unit 1	120	95
Unit 2	120	95
Unit 3	210	205
Unit 4	210	200
Unit 5	210	200
	870	795
Uran		
All Units	852	470
	852	470
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	0
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	66
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	13
PAITHAN	12	10
GHATGHAR	250	0
	611	304
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	1222
RGPPPL III	740	
	1700	1222
Tata		
Trombay 4	150	0
Trombay 5	500	250
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1627
REL		
1&2	500	250
	500	250
Cent Sect		
Share	3143	3126
	3143	3126