



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

State Load Dispatch Center, Airoli

Daily system Report

for

07/Feb/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 07/Feb/2010 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	127.871	853.203	1) Madhya Pradesh	64.699	424.909
2) Hydro	4.109	55.003	2) Gujrat	18.872	185.493
3) Gas	11.085	83.491	3) Goa	-5.667	-43.174
Total MSGENCO	143.065	991.697	4) TAPS 1&2 (Inj.)	7.248	47.192
B) OTHERS			5) Pench (Excess)	-0.208	-1.707
1) RGPPL Gas	29.926	211.323	# Total Cent. Sector	84.944	612.713
2) Wind Generation	3.336	15.172	F) Other Exchanges		
3) PENCH (MS)	0.208	1.707	1) With TPCL	-0.204	-34.613
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	26.137	154.789	1) MSEDCL Bilateral	5.920	41.126
2) TPCL Hydro	0.605	37.315	Include PX	0.000	1.247
TOTAL TPCL	26.742	192.104	2) MUMBAI Bilateral	0.764	32.891
3) REL Thermal	11.581	87.964	Include PX	0.662	22.136
D) STATE			3) MUMBAI Schedule	0.764	37.933
1) Thermal (A1+C1+C3)	165.589	1095.956	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	4.922	94.025	1) MSEDCL	261.275	1797.999
3) Gas (A3+B1)	41.011	294.814	2) TPCL	24.694	205.555
4) Wind (B2)	3.336	15.172	3) REL	13.834	109.022
TOTAL STATE	214.858	1499.967	TOTAL STATE	299.803	2112.576

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	5434	5402	5107
MSGENCO Hydro	357	246	129
MSGENCO Gas	475	495	390
MSGENCO Total Generation	6266	6143	5626
Central Sector Receipt	3755	4073	3058
RGPPL	1245	1258	1210
WIND	198	86	239
Exchange with TPCL	-24	-6	13
MSEDCL DEMAND MET	11440	11554	10146
Load Shedding	3295	3638	1405
MSEDCL DEMAND (INCL. LS)	14735	15192	11551
TPCL GENERATION	1210	1380	784
REL GENERATION	525	528	529
TPCL+REL DEMAND	1759	1914	1300
STATE DEMAND MET	13199	13468	11446
STATE DEMAND (INCL. LS)	16494	17106	12851
Frequency (Hz)	49.79	50.02	50.06
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3982 MW At 15.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			75.64 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.49 Hz at 01.33 Hrs	49.32 Hz at 07.26 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 07/Feb/2010

Generating unit	Generation				OLC (MW)	Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)			Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi						Stage 3	0.15	4.42	80	0	240
Unit 1	2.08	13.82	97	78	85		1.08	26.51			1090
Unit 2	1.67	9.06	73	62	70	Hydro					
Unit 3	0.00	0.00	0	0	0	KDPH	0.00	0.00	0	0	0
Unit 4	2.15	4.26	94	86	90	VTRNA	0.00	3.64	0	0	60
Unit 5	3.77	23.53	177	140	170	TILLARI	0.38	2.52	61	0	60
Unit 6	3.68	26.16	180	105	170	BHTGR/VEER	1.87	11.37	78	78	66
Unit 7	4.30	29.88	206	142	165	BHIRA T.R.	0.12	1.94	72	0	80
	17.64	106.71			750	RNGR+BHTSA	0.28	2.04	13	11	15
Bhusawal						BHANDARDRA	0.14	0.14	34	0	0
Unit 1	1.19	7.25	50	45	50	ELDARY	0.19	1.27	17	0	13
Unit 2	4.59	31.24	196	185	190	PAITHAN	0.06	0.38	10	0	10
Unit 3	4.59	32.15	195	185	195	GHATGHAR	0.00	5.19	0	0	0
	10.37	70.64			435		3.03	28.50			304
Parli						PENCH (MS)					
Unit 1	0.55	3.92	24	21	23	Pench (MS)	0.21	1.71	53	0	
Unit 2	0.53	3.75	24	17	23		0.21	1.71			
Unit 3	3.91	26.79	169	155	160	Wind					
Unit 4	2.98	27.32	192	0	0	MalharPeth	0.16	0.64			
Unit 5	0.00	0.00	0	0	0	Vankuswadi	0.33	1.80			
Unit 6	5.97	43.52	255	240	250	ATIT	0.14	0.72			
	13.94	105.29			456	Kale	0.14	0.49			
Chandrapur						Satara	0.15	0.66			
Unit 1	3.51	24.52	149	142	150	Shirala	0.12	0.59			
Unit 2	3.79	26.94	162	152	160	K Mahankal	0.08	0.29			
Unit 3	4.40	29.50	196	168	210	Supa	0.07	0.40			
Unit 4	4.57	31.40	198	165	210	Vita	0.69	3.44			
Unit 5	10.49	68.26	460	400	450	Dondaicha	0.78	3.79			
Unit 6	9.53	62.00	405	380	450	Sakri	0.13	0.68			
Unit 7	10.62	71.26	460	394	450	Nandurbar	0.09	0.40			
	46.90	313.88			2080	Khadakale	0.31	0.70			
Paras						Khaparale	0.17	0.59			
Unit 2	1.10	7.67	48	42	40		3.34	15.17			
Unit 3	4.47	30.26	223	115	121	Dabhol					
	5.57	37.93			161	RGPP L II	29.93	211.32	1266	1209	1222
Khaparkheda						RGPP L III	0.00	0.00	0	0	
Unit 1	0.00	0.00	0	0	0		29.93	211.32			1222
Unit 2	4.55	32.03	195	180	190	Tata					
Unit 3	4.96	34.49	213	185	210	Trombay 4	0.00	0.00	0	0	0
Unit 4	5.10	35.02	217	208	210	Trombay 5	5.54	9.20	250	160	250
	14.61	101.54			610	Trombay 6	10.93	80.20	510	280	500
Nasik						Trombay 7A	2.86	16.94	126	94	120
Unit 1	2.30	10.38	100	93	95	Trombay 7B	1.62	10.41	69	61	60
Unit 2	2.08	14.52	94	83	95	Trombay 8	5.20	38.04	250	150	250
Unit 3	4.92	26.36	213	199	205	TATA Hydro	0.60	37.32	190	0	447
Unit 4	4.74	32.94	203	192	200		26.74	192.10			1627
Unit 5	4.80	33.02	208	194	200	REL					
	18.83	117.22			795	1&2	11.58	87.96	531	264	250
Uran							11.58	87.96			250
All Units	11.08	83.49	500	390	470	Cent Sect					
	11.08	83.49			470	Share					3126
Koyna											3126
Stage 1-2	0.92	11.19	45	30	600	MS PG CL					
Stage 4	0.01	10.90	7	0	250	Thermal	127.87	853.20			5287
Koyna 12&4 Total	0.93	22.09			850	Thml+Gas	138.96	936.69			5757
						Hydro	4.11	55.00			1394
						Total	143.06	991.70			7151
						State Total	214.86	1499.97			13376

State Load Dispatch Center, Airoli (MSETCL)

Hourly Load Data As on 07/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	5247	129	397	5773	1210	170	2925	3200	-43	-21	10332	2039	12371	1511	13882	50.02
2	5260	134	397	5791	1210	187	2926	3059	-43	-19	10228	2023	12251	1399	13650	50.13
3	5164	129	391	5684	1209	238	2927	2992	-43	-8	10115	1513	11628	1366	12994	49.98
4	5107	129	390	5626	1210	239	2928	3058	-43	13	10146	1405	11551	1300	12851	50.06
5	5132	129	396	5657	1256	224	2928	3288	-43	-87	10338	1390	11728	1269	12997	49.84
6	5120	129	400	5649	1263	246	2904	3415	-43	-15	10585	1882	12467	1329	13796	49.76
7	5228	129	460	5817	1264	211	3148	3162	47	79	10533	3050	13583	1377	14960	49.90
8	5302	129	498	5929	1218	164	3145	3422	47	78	10811	3551	14362	1412	15774	49.65
9	5353	136	500	5989	1266	137	3141	3296	46	77	10765	3559	14324	1505	15829	49.78
10	5384	214	498	6096	1250	116	3221	3464	-37	-15	10911	3512	14423	1691	16114	49.64
11	5466	253	497	6216	1247	149	3189	3937	-37	-20	11529	3154	14683	1715	16398	49.68
12	5434	357	475	6266	1245	198	3199	3755	-37	-24	11440	3295	14735	1759	16494	49.79
13	5415	218	470	6103	1245	164	3190	3672	-37	3	11187	3376	14563	1693	16256	49.91
14	5446	139	469	6054	1255	112	3213	3837	-37		11294	3365	14659	1686	16345	50.16
15	5394	146	462	6002	1255	86	3211	3732	-37	-1	11123	3461	14584	1666	16250	50.04
16	5375	139	466	5980	1250	83	3181	3634	-37	-2	10998	3298	14296	1656	15952	49.95
17	5417	146	472	6035	1254	75	3212	3738	-37	-3	11099	3281	14380	1648	16028	50.04
18	5408	154	477	6039	1255	69	3255	4070	-37	-5	11428	2929	14357	1639	15996	50.03
19	5404	224	477	6105	1254	80	3046	3919	-29	-9	11349	3431	14780	1775	16555	49.93
20	5402	246	495	6143	1258	86	3075	4073	-20	-6	11554	3638	15192	1914	17106	50.02
21	5436	251	500	6187	1260	84	3080	3898	-20	-19	11410	3324	14734	1903	16637	49.94
22	5372	161	500	6033	1264	65	3081	3786	-35	-14	11134	3351	14485	1894	16379	50.14
23	5330	144	500	5974	1263	80	3152	3502	-127	-123	10696	3346	14042	1754	15796	49.90
24	5274	144	498	5916	1265	73	2956	3035	-80	-63	10269	1900	12169	1666	13835	50.11
MUs	127.87	4.11	11.08	143.06	29.93	3.34	74.23	84.94	-0.76	-0.20	261.27	69.07	330.35	38.53	368.87	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 07/Feb/2010

Position as on 6.30 Hrs of 08/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	10/02/2010
Parli Unit 5	210	30/01/2010	17.34		Continued.	Hydrogen Leakage	14/02/2010
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.	
Cent_Sect TARAPUR-3	540	08/02/2010	01.47		Continued.	Tripped.	13/02/2010
Nasik Unit 2	125	08/02/2010	10.55		Continued.	Boiler Tube Leakage.	10/02/2010

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 07/Feb/2010

Position as on 6.30 Hrs of 08/Feb/2010

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Pench - Kanhan	08/02/2010	11.22	08/02/2010	15.12	Q.M.
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.
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.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45	08/02/2010	16.06	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	08/02/2010	18.42	Replacement of conductor.
Kalwa - Salshet - IV	07/02/2010	23.48	08/02/2010	06.05	Hot Spot.
New-Koyna-Pawas	08/02/2010	09.27	08/02/2010	17.48	Insulator Washing.
Talandge - Sawantwadi	08/02/2010	10.02	08/02/2010	17.43	Q.M.
Kalmeshwar-Ambazari	08/02/2010	10.07	08/02/2010	18.31	Quarterly Maintainance Work.
TBC at Kalwa.	08/02/2010	11.35		Continued.	Replacement of 29 C Isolator.
Aurangabad-Jalna-II	08/02/2010	11:02	08/02/2010	14:28	Q.M. work.
Bus Coupler Bay @ Karad	08/02/2010	12.02		Continued.	Isolator and Breaker Replacement.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/132, 200MVA ICT II at Jalna	08/02/2010	13.30	08/02/2010	15.00	To Attend Oil Leakages.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	06/02/2010	18:10	08/02/2010	12.59	H/T from both ends.
Bhusawal- Aurangabad	08/02/2010	18:00		Continued.	H/T fro both end.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Tifil-Trombay	08/02/2010	18.59	08/02/2010	19.09	H/T For P T Fuse Replacement.
Voltage Level : 220KV			Outage Type TRIPPED		
220/33KV, 25MVA T/F at Gadchandur	26/01/2010	09:50		Continued.	Buccholtz Trip.
Nanded-Elichpur	08/02/2010	00:33	08/02/2010	00:41	Distance protection;LBT 46MW.
Nasik-Bablswr Ckt II	08/02/2010	03.24	08/02/2010	04.10	Distanance Protection.
Trombay - Sonkar	08/02/2010	17.18	08/02/2010	18.35	Tripped.
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.
Harangul - Ujni	08/02/2010	06.15	08/02/2010	14.45	Distance Protection.
Bhandara - Madgi -I	08/02/2010	19.25	08/02/2010	19.43	Distance Protection.
Bhandara-Madgi CKT.II	08/02/2010	19.25	08/02/2010	19.42	Distance Protection.

State Load Dispatch Center, Airoli (MSETCL)

Details of On Line Capacity for 08/Feb/2010

Generating unit	Derated Capacity (MW)	OLC (MW)	Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi			KDPH	40	0
Unit 1	105	80	VTRNA	60	0
Unit 2	105	60	TILLARI	60	60
Unit 3	105	0	BHTGR/VEER	21	60
Unit 4	105	75	BHIRA T.R.	80	72
Unit 5	200	150	RNGR+BHTSA	20	11
Unit 6	210	160	BHANDARDRA	45	15
Unit 7	210	170	ELDARY	23	15
	1040	695	PAITHAN	12	10
Bhusawal			GHATGHAR	250	0
Unit 1	58	50	611	243	
Unit 2	210	195	PENCH (MS)		
Unit 3	210	195	Pench (MS)	53	
	478	440		53	
Parli			Wind		
Unit 1	30	23	MalharPeth	0	
Unit 2	30	23	Vankuswadi	0	
Unit 3	210	160	ATIT	0	
Unit 4	210	200	Kale	0	
Unit 5	210	0	Satara	0	
Unit 6	250	225	Shirala	0	
	940	631	K Mahankal	0	
Chandrapur			Supa	0	
Unit 1	210	150	Vita	0	
Unit 2	210	160	Dondaicha	0	
Unit 3	210	210	Sakri	0	
Unit 4	210	210	Nandurbar	0	
Unit 5	500	450	Khadakale	0	
Unit 6	500	450	Khaparale	0	
Unit 7	500	450		0	
	2340	2080	Dabhol		
Paras			RGPPL II	960	1205
Unit 2	55	46	RGPPL III	740	
Unit 3	250	210		1700	1205
	305	256	Tata		
Khaparkheda			Trombay 4	150	0
Unit 1	210	0	Trombay 5	500	500
Unit 2	210	190	Trombay 6	500	500
Unit 3	210	175	Trombay 7A	120	120
Unit 4	210	200	Trombay 7B	60	60
	840	565	Trombay 8	250	250
Nasik			TATA Hydro	444	447
Unit 1	120	95		2024	1877
Unit 2	120	65	REL		
Unit 3	210	205	1&2	500	500
Unit 4	210	200		500	500
Unit 5	210	200	Cent Sect		
	870	765	Share	3143	3198
Uran				3143	3198
All Units	852	490			
	852	490			
Koyna					
Stage 1-2	600	600			
Stage 4	1000	250			
Stage 3	320	240			
	1920	1090			
Hydro					
				17616	14035