



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

State Load Dispatch Center, Airoli

Daily system Report

for

07/Feb/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 07/Feb/2009 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	131.665	901.535	1) Madhya Pradesh	62.566	443.746
2) Hydro	10.921	76.067	2) Gujrat	18.763	128.244
3) Gas	14.579	106.394	3) Goa	-5.611	-39.301
Total MSGENCO	157.165	1083.996	4) TAPS 1&2 (Inj.)	7.410	51.762
B) OTHERS			5) Pench (Excess)	0.023	0.023
1) RGPPL Gas	7.176	53.045	# Total Cent. Sector	83.151	584.474
2) Wind Generation	2.175	17.743	F) Other Exchanges		
3) PENCH (MS)	0.000	0.000	1) With TPCL	-5.121	-39.414
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	18.013	129.415	1) MSEDCL Bilateral	10.363	73.132
2) TPCL Hydro	4.849	32.704	Include PX	3.724	24.346
TOTAL TPCL	22.862	162.119	2) MUMBAI Bilateral	6.362	44.771
3) REL Thermal	12.708	88.787	Include PX	0.378	7.578
D) STATE			3) MUMBAI Schedule	6.362	45.221
1) Thermal (A1+C1+C3)	162.386	1119.737	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	15.770	108.771	1) MSEDCL	244.546	1699.844
3) Gas (A3+B1)	21.755	159.439	2) TPCL	26.759	192.532
4) Wind (B2)	2.175	17.743	3) REL	13.933	97.790
TOTAL STATE	202.086	1405.690	TOTAL STATE	285.238	1990.166

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	5575	5626	5290
MSGENCO Hydro	346	958	170
MSGENCO Gas	660	562	614
MSGENCO Total Generation	6581	7146	6074
Central Sector Receipt	3839	3596	3143
RGPPL	307	308	308
WIND	118	71	112
Exchange with TPCL	-407	-308	1
MSEDCL DEMAND MET	10438	10813	9638
Load Shedding	4424	3825	0
MSEDCL DEMAND (INCL. LS)	14862	14638	9638
TPCL GENERATION	963	1202	754
REL GENERATION	529	529	530
TPCL+REL DEMAND	1899	2039	1283
STATE DEMAND MET	12337	12852	10921
STATE DEMAND (INCL. LS)	16761	16677	10921
Frequency (Hz)	49.30	49.59	49.65
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4790 MW AT 10.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			80.85 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.4 Hz at 18.03 Hrs	48.88 Hz at 10.19 Hrs	49.47	1.69 % of Time

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 07/Feb/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.54	11.52	75	50	70
Unit 2	1.66	12.06	82	51	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.25	10.54	84	0	60
Unit 5	3.97	25.58	183	137	150
Unit 6	3.82	25.78	173	103	150
Unit 7	4.30	26.84	205	145	180
	16.55	112.32			680
Bhusawal					
Unit 1	0.59	4.26	31	16	25
Unit 2	4.48	29.67	192	176	185
Unit 3	4.69	31.06	200	188	190
	9.76	64.99			400
Parli					
Unit 1	0.55	3.75	24	21	20
Unit 2	0.59	4.08	26	22	20
Unit 3	4.18	23.78	179	150	170
Unit 4	4.14	28.26	189	154	170
Unit 5	4.28	31.80	210	148	150
Unit 6	5.07	35.39	232	115	205
	18.81	127.05			735
Chandrapur					
Unit 1	4.08	18.17	176	166	170
Unit 2	4.29	29.07	182	176	170
Unit 3	4.75	33.98	212	135	210
Unit 4	4.66	32.64	196	180	195
Unit 5	8.40	68.36	396	298	400
Unit 6	8.15	67.28	384	307	400
Unit 7	8.76	66.52	415	346	350
	43.08	316.02			1895
Paras					
Unit 2	0.58	4.35	26	23	40
Unit 3	5.24	35.53	235	193	210
	5.82	39.88			250
Khaparkheda					
Unit 1	4.80	33.36	212	179	200
Unit 2	4.74	32.00	202	189	200
Unit 3	4.74	32.91	205	179	210
Unit 4	4.78	32.79	206	188	200
	19.06	131.05			810
Nasik					
Unit 1	2.33	8.86	102	92	95
Unit 2	1.83	14.98	98	0	95
Unit 3	4.70	33.75	207	178	200
Unit 4	4.89	33.62	209	200	200
Unit 5	4.83	19.00	208	189	200
	18.58	110.21			790
Uran					
All Units	14.58	106.39	672	475	600
	14.58	106.39			600
Koyna					
Stage 1-2	2.54	16.37	300	40	600
Stage 4	3.14	22.72	280	0	250
Kovna 12&4 Total	5.68	39.09			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.10	8.44	240	0	320
	6.78	47.53			1170
Hydro					
KDPH	0.00	2.13	0	0	0
VTRNA	1.45	7.41	61	60	60
TILLARI	0.41	2.66	61	0	60
BHTGR/VEER	1.28	8.63	54	53	22
BHIRA T.R.	0.19	1.75	57	0	80
RNGR+BHTSA	0.31	2.46	17	1	20
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	10
PAITHAN	0.06	0.39	12	0	10
GHATGHAR	0.44	3.10	125	0	0
	4.14	28.54			262
PENCH (MS)					
Pench (MS)	0.00	0.00	0	0	
	0.00	0.00			
Wind					
MalharPeth	0.15	0.94			
Vankuswadi	0.35	2.14			
ATIT	0.04	0.23			
Kale	0.11	0.73			
Satara	0.14	0.86			
Shirala	0.13	0.72			
K Mahankal	0.01	0.08			
Supa	0.08	0.46			
Vita	0.58	3.44			
Dondaicha	0.26	4.90			
Sakri	0.03	0.95			
Nandurbar	0.04	0.72			
Khadakale	0.23	1.22			
Khaparale	0.04	0.37			
	2.18	17.74			
Dabhol					
RGPP L II	7.18	53.04	310	165	300
RGPP L III	0.00	0.00	0	0	
	7.18	53.04			300
Tata					
Trombay 4	2.95	19.36	137	102	100
Trombay 5	12.00	84.00	500	500	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	2.20	16.87	108	85	100
Trombay 7B	0.87	9.19	41	31	90
TATA Hydro	4.85	32.70	444	2	425
	22.86	162.12			1215
REL					
1&2	12.71	88.79	531	528	500
	12.71	88.79			500
Cent Sect					
Share					3393
					3393

MS PG CL	Thermal	131.66	901.54		5560
	Thml+Gas	146.24	1007.93		6160
	Hydro	10.92	76.07		1432
	Total	157.16	1084.00		7592
State Total		202.09	1405.69		13000

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/Feb/2009

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CS SHARE	CS RECPT	TPCL SCH.	TPCL NET EXCH.	MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS													
1	5235	170	616	6021	307	102	3035	2959	-111	-56	9333	545	9878	1341	11219	49.63
2	5290	170	614	6074	308	112	2896	3143	-54	1	9638	0	9638	1283	10921	49.65
3	5283	171	614	6068	308	123	2849	3282	-4	52	9833	0	9833	1218	11051	49.62
4	5312	170	626	6108	308	135	2801	3365	46	102	10018	258	10276	1157	11433	49.64
5	5353	170	630	6153	308	140	2871	3212	46	101	9914	1722	11636	1157	12793	49.51
6	5330	431	662	6423	310	174	2928	3085	-29	24	10016	2617	12633	1234	13867	49.21
7	5396	387	670	6453	308	192	2930	2876	-54	-3	9826	3825	13651	1305	14956	49.34
8	5555	185	672	6412	308	157	3245	3104	-63	-13	9968	4138	14106	1409	15515	49.19
9	5626	212	672	6510	308	127	3318	3361	-134	-87	10219	4425	14644	1617	16261	49.52
10	5575	346	660	6581	307	118	3650	3839	-454	-407	10438	4424	14862	1899	16761	49.30
11	5531	499	648	6678	300	114	3645	3787	-454	-408	10471	3954	14425	2033	16458	49.24
12	5516	603	632	6751	272	86	3642	3795	-454	-409	10495	3956	14451	2081	16532	49.23
13	5600	716	624	6940	165	56	3630	3708	-454	-403	10466	3902	14368	2110	16478	49.28
14	5624	620	618	6862	301	45	3593	3762	-454	-400	10570	3883	14453	1987	16440	49.45
15	5565	578	616	6759	301	27	3665	3832	-454	-400	10519	3817	14336	1982	16318	49.39
16	5571	506	602	6679	300	26	3673	3698	-454	-402	10301	3913	14214	1971	16185	49.31
17	5618	554	530	6702	301	31	3672	3820	-454	-408	10446	3785	14231	1940	16171	49.43
18	5699	620	549	6868	306	58	3685	3741	-480	-426	10547	3518	14065	1951	16016	49.72
19	5695	736	557	6988	307	59	3611	3712	-328	-263	10803	3565	14368	1928	16296	49.78
20	5626	958	562	7146	308	71	3322	3596	-374	-308	10813	3825	14638	2039	16677	49.59
21	5592	986	578	7156	309	55	3248	3533	-325	-273	10780	3391	14171	1970	16141	49.65
22	5511	722	566	6799	309	40	3248	3412	-325	-276	10284	3408	13692	1867	15559	49.62
23	5346	215	495	6056	308	39	3257	3707	-329	-284	9826	3176	13002	1699	14701	49.50
24	5252	196	475	5923	309	36	3132	3466	-214	-175	9559	2330	11889	1512	13401	49.56
MUs	131.70	10.92	14.49	157.11	7.18	2.12	79.55	83.80	-6.36	-5.12	245.08	72.38	317.46	40.69	358.15	49.47

NOTE : ALL VALUES IN MW

TPCL Sch./Net Exch is shown with reference to MSETCL System. (+) indicates TPCL to MSETCL and (-) indicates MSETCL to TPCL. TPCL Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss for export)
Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 07/Feb/2009

Position as on 6.30 Hrs of 08/Feb/2009

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
Tata Trombay 6	500	13/01/2009	00.11		Continued.	Capital overhaul	17/02/2009
Koradi Unit 3	105	18/01/2009	04.39		Continued.	Annual Overhaul	13/02/2009
Koyna ST-IV 1	250	20/01/2009	22:00		Continued.	Annual Overhaul	20/02/2009
Cent_Sect KARPR2	220	03/02/2009	00.24		Continued.	Bi-Annual overhaul work	10/03/2009
Koradi Unit 6	210	08/02/2009	02.11		Continued.	ANNUAL MAINT. WORK	15/03/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	01/07/2009
Uran Unit 4	60	01/04/2008	00:00		Continued.	Gas Restriction	
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Uran Unit 3	60	23/10/2008	06.40		Continued.	Gas Restriction	
Dabhol 3A	230	08/11/2008	13.45		Continued.	Exhaust temp.& vibn.high	01/06/2009
Dabhol 3B	230	19/11/2008	19.55		Continued.	W/dn	31/03/2009
Dabhol 3X	290	19/11/2008	19.58		Continued.	W/dn	31/03/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	10/03/2009
Dabhol 1X	290	06/02/2009	11:00		Continued.	Turbine Problem	10/02/2009
Dabhol 1A	230	06/02/2009	11:50		Continued.	Turbine Problem	10/02/2009
Koradi Unit 4	115	07/02/2009	09.32	07/02/2009	11.27	Low Vaccume	
Nasik Unit 2	125	07/02/2009	19.20		Continued.	Boiler Tube Leakage	10/02/2009
Chandrapur Unit 7	500	08/02/2009	14.59		Continued.	Boiler Tube Leakage	11/02/2009
Cent_Sect NTPC(V-8)	500	08/02/2009	23.09		Continued.	Boiler Tube Leakage	10/02/2009

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 07/Feb/2009

Position as on 6.30 Hrs of 08/Feb/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Dhule-Sar'Sarovar II	06/02/2009	07.30	08/02/2009	16.22	Insulator Replacement
Voltage Level : 400KV			Outage Type HAND TRIPPED		
KOLHAPUR-MAPUSA CKT II	06/02/2009	23:00	07/02/2009	09.04	H/T FOR O/V
DHULE-SAR'SAROVAR-I	08/02/2009	21.19		Continued.	H/T FOR O/V
IntraState					
Voltage Level : 500KV			Outage Type PLANNED OUTAGE		
500kv HVDC Pole1	06/02/2009	22:30	07/02/2009	05:54	Thyristor Replacement Work
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Spare ICT @ Karad	02/02/2009	10.43		Continued.	O/H Work.
400/220KV ICT at Khadka	07/02/2009	10.51	07/02/2009	17.12	Hot Spot
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
ICT - III at Harangul	20/12/2008	14.53		Continued.	New ICT commissioning work
52B Breaker interconnector at Kalwa	28/01/2009	09.30		Continued.	Breaker Replacement
Bussectionlizer at Apta	05/02/2009	10.50	07/02/2009	18.05	Replacement of R,Y,B phase C.T.
Pophali- Karad II	07/02/2009	07.45	07/02/2009	16.34	Q.M. WORK
Dhule-Dondaicha-II	07/02/2009	08.20	07/02/2009	20.35	E/W Replacement
Pophali - Pedambe - I	08/02/2009	07.55	08/02/2009	15.25	R.M. Work
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400KV Bus Coupler at Kalwa	05/02/2009	10.15	07/02/2009	19.50	SF6 Breaker Leakage work
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Padgha-Boiser	07/02/2009	03:35	07/02/2009	04:59	Breaker Problem
Chalishaon-BSL-I	07/02/2009	10.49	07/02/2009	17.13	H/T For Outage On BSL ICT.
Voltage Level : 400KV			Outage Type TRIPPED		
ICT-I @ Kharghar	08/02/2009	13.29	08/02/2009	16.54	Tripped On NDR
Voltage Level : 220KV			Outage Type TRIPPED		
220/132KV,100MVA ICT-I at Kanhan	07/02/2009	16.39	07/02/2009	18.09	Tripped while charging new 132/33KV T/F -II
220/132KV,100MVA ICT-II at Kanhan	07/02/2009	16.39	07/02/2009	17.08	Tripped while charging new 132/33KV T/F -II
Jejuri-Jejuri I	08/02/2009	08.20	08/02/2009	08.30	Tripped at Jejuri end only.
Jejuri-Jejuri I	08/02/2009	12.30	08/02/2009	13.30	Tripped at Jejuri end only.
KALWA-SALSETE-III	08/02/2009	13.26	08/02/2009	14.00	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 08/Feb/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	75
Unit 3	105	0
Unit 4	105	80
Unit 5	200	180
Unit 6	210	0
Unit 7	210	180
	1040	585
Bhusawal		
Unit 1	58	25
Unit 2	210	185
Unit 3	210	190
	478	400
Parli		
Unit 1	30	25
Unit 2	30	25
Unit 3	210	165
Unit 4	210	130
Unit 5	210	190
Unit 6	250	120
	940	655
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	210
Unit 4	210	195
Unit 5	500	400
Unit 6	500	400
Unit 7	500	375
	2340	1920
Paras		
Unit 2	55	50
Unit 3	250	215
	305	265
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	200
Unit 4	210	200
	840	800
Nasik		
Unit 1	120	95
Unit 2	120	0
Unit 3	210	205
Unit 4	210	200
Unit 5	210	200
	870	700
Uran		
All Units	852	500
	852	500
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	45
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	270
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		
RGPL II	740	300
RGPL III	740	
	1480	300
Tata		
Trombay 4	150	50
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	100
Trombay 7B	60	50
TATA Hydro	444	447
	1774	1147
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3285
	3143	3285

	17146	12417
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