



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

State Load Dispatch Center, Airoli

Daily system Report

for

02/Feb/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 02/Feb/2009 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	133.262	260.284	1) Madhya Pradesh	64.009	130.446
2) Hydro	10.433	19.806	2) Gujrat	17.160	33.470
3) Gas	15.179	30.247	3) Goa	-5.763	-11.305
Total MSGENCO	158.874	310.337	4) TAPS 1&2 (Inj.)	7.359	14.638
B) OTHERS			5) Pench (Excess)	0.000	0.000
1) RGPPL Gas	7.306	14.598	# Total Cent. Sector	82.765	167.249
2) Wind Generation	1.910	3.829	F) Other Exchanges		
3) PENCH (MS)	0.000	0.000	1) With TPCL	-6.402	-9.197
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	18.459	37.437	1) MSEDCL Bilateral	10.209	21.069
2) TPCL Hydro	5.351	6.069	Include PX	3.407	6.404
TOTAL TPCL	23.810	43.506	2) MUMBAI Bilateral	7.221	11.161
3) REL Thermal	12.713	25.436	Include PX	1.786	3.165
D) STATE			3) MUMBAI Schedule	7.221	11.161
1) Thermal (A1+C1+C3)	164.434	323.157	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	15.784	25.875	1) MSEDCL	244.453	486.816
3) Gas (A3+B1)	22.485	44.845	2) TPCL	28.728	51.708
4) Wind (B2)	1.910	3.829	3) REL	14.201	26.436
TOTAL STATE	204.613	397.706	TOTAL STATE	287.382	564.960

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	5722	5711	5293
MSGENCO Hydro	270	890	213
MSGENCO Gas	662	555	695
MSGENCO Total Generation	6654	7156	6201
Central Sector Receipt	3646	3611	2991
RGPPL	306	305	306
WIND	63	114	47
Exchange with TPCL	-439	-445	38
MSEDCL DEMAND MET	10230	10741	9583
Load Shedding	4201	3873	0
MSEDCL DEMAND (INCL. LS)	14431	14614	9583
TPCL GENERATION	1024	1213	751
REL GENERATION	530	529	531
TPCL+REL DEMAND	1993	2187	1244
STATE DEMAND MET	12223	12928	10827
STATE DEMAND (INCL. LS)	16424	16801	10827
Frequency (Hz)	49.23	49.37	49.71
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4681 At 13.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			76.31 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.18 Hz at 04.04 Hrs	48.82 Hz at 06.44 Hrs	49.39	3.55 % 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 02/Feb/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.85	3.28	80	66	80
Unit 2	1.82	3.27	82	72	75
Unit 3	0.00	0.00	0	0	0
Unit 4	1.79	3.26	88	48	80
Unit 5	4.21	8.30	186	165	170
Unit 6	4.11	8.01	182	154	170
Unit 7	4.38	8.68	202	149	200
	18.16	34.79			775
Bhusawal					
Unit 1	0.61	1.17	28	19	25
Unit 2	4.26	8.05	189	156	180
Unit 3	4.29	8.22	192	151	180
	9.16	17.43			385
Parli					
Unit 1	0.52	1.02	22	20	20
Unit 2	0.58	1.13	26	22	20
Unit 3	3.24	3.24	172	14	165
Unit 4	3.99	8.05	193	124	165
Unit 5	4.55	8.63	205	163	190
Unit 6	5.10	10.75	237	145	225
	17.97	32.82			785
Chandrapur					
Unit 1	0.00	0.00	0	0	0
Unit 2	4.15	8.24	178	164	165
Unit 3	5.10	10.19	212	206	210
Unit 4	4.65	9.28	196	184	190
Unit 5	10.72	21.54	480	400	450
Unit 6	10.75	20.92	470	430	460
Unit 7	10.66	20.32	472	389	450
	46.02	90.50			1925
Paras					
Unit 2	0.53	1.50	38	2	20
Unit 3	5.01	10.43	217	128	220
	5.54	11.93			240
Khaparkheda					
Unit 1	4.90	9.74	210	200	200
Unit 2	4.70	9.48	201	187	200
Unit 3	4.92	9.88	208	202	200
Unit 4	4.86	9.61	205	194	200
	19.38	38.71			800
Nasik					
Unit 1	1.45	3.70	98	0	95
Unit 2	2.24	4.38	96	88	95
Unit 3	4.86	9.74	208	196	200
Unit 4	4.76	9.58	202	192	200
Unit 5	3.71	6.70	200	86	190
	17.02	34.10			780
Uran					
All Units	15.18	30.25	696	511	650
	15.18	30.25			650
Koyna					
Stage 1-2	2.27	4.18	220	40	600
Stage 4	2.25	4.80	280	0	250
Koyna 12&4 Total	4.52	8.98			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.18	2.23	210	0	240
	5.70	11.22			1090
Hydro					
KDPH	0.92	1.82	39	38	36
VTRNA	1.15	2.02	61	0	60
TILLARI	0.30	0.58	59	0	60
BHTGR/VEER	1.22	2.06	51	51	35
BHIRA T.R.	0.20	0.38	80	0	80
RNGR+BHTSA	0.43	0.73	18	18	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.13	12	0	12
GHATGHAR	0.44	0.86	120	0	0
	4.74	8.59			298
PENCH (MS)					
Pench (MS)	0.00	0.00	0	0	
	0.00	0.00			
Wind					
MalharPeth	0.10	0.21			
Vankuswadi	0.23	0.49			
ATIT	0.02	0.04			
Kale	0.06	0.13			
Satara	0.08	0.16			
Shirala	0.07	0.13			
K Mahankal	0.01	0.02			
Supa	0.06	0.14			
Vita	0.45	0.72			
Dondaicha	0.42	0.96			
Sakri	0.12	0.23			
Nandurbar	0.06	0.11			
Khadakale	0.16	0.39			
Khaparale	0.06	0.10			
	1.91	3.83			
Dabhol					
RGPPPL II	7.31	14.60	308	296	300
RGPPPL III	0.00	0.00	0	0	
	7.31	14.60			300
Tata					
Trombay 4	2.61	5.28	133	102	150
Trombay 5	12.00	24.00	500	500	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	2.36	5.08	125	80	120
Trombay 7B	1.49	3.07	70	57	60
TATA Hydro	5.35	6.07	473	0	447
	23.81	43.51			1277
REL					
1&2	12.71	25.44	532	528	500
	12.71	25.44			500
Cent Sect					
Share					3400
					3400

MS PG CL	Thermal	133.26	260.28		5690
	Thml+Gas	148.44	290.53		6340
	Hydro	10.43	19.81		1388
	Total	158.87	310.34		7728
State Total		204.61	397.71		13205

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/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	5298	213	690	6201	307	49	2943	2782	-34	-11	9328	540	9868	1293	11161	49.46
2	5293	213	695	6201	306	47	2895	2991	16	38	9583	0	9583	1244	10827	49.71
3	5260	213	696	6169	305	49	2847	3031	66	86	9640	0	9640	1197	10837	49.76
4	5346	218	696	6260	305	57	2780	3100	116	135	9857	308	10165	1151	11316	49.78
5	5470	218	695	6383	305	55	2826	2911	116	136	9790	1656	11446	1147	12593	49.65
6	5495	278	694	6467	308	66	2963	3134	16	37	10012	2454	12466	1248	13714	49.32
7	5582	228	692	6502	308	71	3016	2935	-34	-59	9757	3571	13328	1371	14699	49.20
8	5629	213	688	6530	308	77	3332	3215	-43	-114	10016	3711	13727	1528	15255	49.16
9	5722	217	685	6624	307	59	3350	3500	-114	-189	10301	3955	14256	1701	15957	49.32
10	5722	270	662	6654	306	63	3704	3646	-493	-439	10230	4201	14431	1993	16424	49.23
11	5627	323	648	6598	302	66	3760	3740	-493	-441	10265	3906	14171	2161	16332	49.18
12	5590	495	645	6730	298	51	3806	3929	-493	-489	10519	4202	14721	2286	17007	49.22
13	5499	539	633	6671	296	48	3740	3887	-493	-478	10424	4083	14507	2219	16726	49.23
14	5474	719	625	6818	302	50	3739	3738	-493	-476	10432	4039	14471	2112	16583	49.37
15	5463	728	625	6816	303	57	3735	3824	-493	-475	10525	3997	14522	2141	16663	49.44
16	5538	585	622	6745	302	90	3787	3710	-493	-475	10372	4048	14420	2169	16589	49.32
17	5491	588	620	6699	301	116	3787	3861	-493	-476	10501	3903	14404	2162	16566	49.25
18	5564	670	585	6819	303	92	3835	3926	-588	-547	10593	3580	14173	2186	16359	49.38
19	5667	841	565	7073	305	96	3749	3796	-496	-393	10877	3629	14506	2130	16636	49.47
20	5711	890	555	7156	305	114	3456	3611	-511	-445	10741	3873	14614	2187	16801	49.37
21	5655	786	550	6991	306	181	3360	3550	-509	-353	10675	3506	14181	2090	16271	49.45
22	5537	459	554	6550	306	156	3355	3496	-502	-348	10160	3520	13680	1943	15623	49.32
23	5501	292	548	6341	306	105	3385	3379	-502	-397	9734	3230	12964	1766	14730	49.41
24	5379	237	511	6127	306	94	3232	3223	-270	-229	9521	2534	12055	1500	13555	49.39
MUs	132.51	10.43	15.18	158.12	7.31	1.91	81.38	82.92	-7.22	-6.40	243.85	72.45	316.30	42.92	359.22	49.39

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 02/Feb/2009

Position as on 6.30 Hrs of 03/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 Unit 12	80	20/01/2009	00.00		Continued.	Maintenance work	05/02/2009
Koyna ST-IV 1	250	20/01/2009	22:00		Continued.	Annual Overhaul	20/02/2009
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 1X	290	22/01/2009	12.03		Continued.	BHMS Installation work	08/02/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	08/02/2009
Parli Unit 3	210	28/01/2009	15:54	02/02/2009	00.35	Boiler Tube Leakage	02/02/2009
Chandrapur Unit 1	210	30/01/2009	16.50		Continued.	Fire In Wind Box	03/02/2009
Paras Unit 2	55	02/02/2009	02.06	02/02/2009	03.18	UAT Tripped on Neutral Displacement.	
Nasik Unit 1	125	02/02/2009	15.25		Continued.	Boiler Tube Leakage	05/02/2009

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Feb/2009

Position as on 6.30 Hrs of 03/Feb/2009

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-Sar'Sarovar II	01/02/2009	14.25	02/02/2009	09.05	H/T FOR O/V
KOLHAPUR-MAPUSA CKT II	01/02/2009	23.13	02/02/2009	10.48	H/T FOR O/V
Kolhapur-Mapusa Ckt I	03/02/2009	00.13		Continued.	H/T FOR O/V
DHULE-SAR'SAROVAR-I	03/02/2009	00.13		Continued.	H/T FOR O/V
Voltage Level : 220KV			Outage Type TRIPPED		
Tillary-Phonda	31/01/2009	04.55	02/02/2009	13.25	Tripped ,Dist.Prot.
Tillary-Phonda	02/02/2009	13.28		Continued.	Tripped on Dist.Prot.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Spare ICT @ Karad	02/02/2009	10.43		Continued.	O/H Work.
KORADY-BHSWL CKT. I	02/02/2009	22.32	03/02/2009	02.30	Main Breaker Protection Trials @ Bhusawal End
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
ICT - III at Harangul	20/12/2008	14.53		Continued.	Detail Testing Work for Bucholz Alarm.
52B Breaker interconnector at Kalwa	28/01/2009	09.30		Continued.	Breaker Replacement
Pedambe - Pophali	02/02/2009	10.45	02/02/2009	15.00	Breaker Maintenance Work.
Ghatghar - Washala	02/02/2009	10.55	02/02/2009	12.52	Jumper Replacement work.
SPCL - IPCL	02/02/2009	11.09	02/02/2009	16.47	L.A.replacement work
Wadkhal-IPCL I	02/02/2009	11.47	02/02/2009	14.19	Maintenance work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
BBLSR-BHUSAWAL	02/02/2009	22.29	03/02/2009	02.34	For Koradi-Bhusawal-I Outage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
PUSAD - PARBHANI	31/01/2009	22.33		Continued.	For Controlling C'pur ICT loading.
Parly - Harangul - I	03/02/2009	00.11		Continued.	Due to Compressar Problem.
Voltage Level : 220KV			Outage Type TRIPPED		
Kolhapur-Karad-III	02/02/2009	05:33	02/02/2009	14.05	Tripped on Dist.Prot.
Kolhapur - Peth	02/02/2009	07.26	02/02/2009	10.10	Tripped on Dist.Prot.
Kolhapur - Karad - II	02/02/2009	07.31	02/02/2009	09.26	Tripped on Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 03/Feb/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	70
Unit 3	105	0
Unit 4	105	50
Unit 5	200	180
Unit 6	210	160
Unit 7	210	150
	1040	680
Bhusawal		
Unit 1	58	25
Unit 2	210	185
Unit 3	210	190
	478	400
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	180
Unit 4	210	180
Unit 5	210	180
Unit 6	250	220
	940	800
Chandrapur		
Unit 1	210	60
Unit 2	210	170
Unit 3	210	210
Unit 4	210	190
Unit 5	500	470
Unit 6	500	460
Unit 7	500	470
	2340	2030
Paras		
Unit 2	55	40
Unit 3	250	150
	305	190
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	200
Unit 4	210	200
	840	800
Nasik		
Unit 1	120	0
Unit 2	120	95
Unit 3	210	200
Unit 4	210	200
Unit 5	210	200
	870	695
Uran		
All Units	852	580
	852	580
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	36
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	40
BHIRA T.R.	80	80
RNGR+BHTSA	20	10
BHANDARDRA	45	20
ELDARY	23	0
PAITHAN	12	11
GHATGHAR	250	0
	611	317
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	110
Trombay 5	500	0
Trombay 6	500	500
Trombay 7A	120	110
Trombay 7B	60	110
TATA Hydro	444	447
	1774	1277
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3434
	3143	3434

	17146	13093
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