



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

State Load Dispatch Center, Airoli

Daily system Report

for

11/Feb/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 11/Feb/2009 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	130.514	1379.294	1) Madhya Pradesh	69.927	729.234
2) Hydro	8.853	138.146	2) Gujrat	16.266	198.829
3) Gas	15.211	165.944	3) Goa	-5.887	-61.863
Total MSGENCO	154.578	1683.384	4) TAPS 1&2 (Inj.)	7.377	81.325
B) OTHERS			5) Pench (Excess)	0.000	0.023
1) RGPPL Gas	7.313	77.297	# Total Cent. Sector	87.683	947.548
2) Wind Generation	3.239	30.753	F) Other Exchanges		
3) PENCH (MS)	0.000	0.000	1) With TPCL	-7.700	-66.642
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	17.785	199.950	1) MSEDCL Bilateral	10.360	115.006
2) TPCL Hydro	4.530	48.724	Include PX	3.082	36.350
TOTAL TPCL	22.315	248.674	2) MUMBAI Bilateral	9.126	77.004
3) REL Thermal	12.711	139.652	Include PX	2.703	16.226
D) STATE			3) MUMBAI Schedule	9.126	77.454
1) Thermal (A1+C1+C3)	161.010	1718.896	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	13.383	186.870	1) MSEDCL	245.113	2672.340
3) Gas (A3+B1)	22.524	243.241	2) TPCL	28.581	301.859
4) Wind (B2)	3.239	30.753	3) REL	14.145	153.077
TOTAL STATE	200.156	2179.760	TOTAL STATE	287.839	3127.276

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	5560	5604	5096
MSGENCO Hydro	357	702	203
MSGENCO Gas	648	656	577
MSGENCO Total Generation	6565	6962	5876
Central Sector Receipt	3786	3970	2881
RGPPL	305	306	305
WIND	126	109	233
Exchange with TPCL	-441	-382	2
MSEDCL DEMAND MET	10341	10965	9297
Load Shedding	4302	4191	0
MSEDCL DEMAND (INCL. LS)	14643	15156	9297
TPCL GENERATION	1080	1170	733
REL GENERATION	530	529	531
TPCL+REL DEMAND	2051	2081	1262
STATE DEMAND MET	12392	13046	10559
STATE DEMAND (INCL. LS)	16694	17237	10559
Frequency (Hz)	49.53	49.49	50.21
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4630 MW at 13.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			78.3280 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.71 Hz at 04.07 Hrs	48.99 Hz at 19.33 Hrs	49.75	.05 % 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 11/Feb/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.69	17.70	78	35	75
Unit 2	1.78	18.70	82	56	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.77	17.16	82	63	75
Unit 5	4.40	42.32	192	164	170
Unit 6	0.00	25.94	0	0	0
Unit 7	4.51	44.62	205	166	180
	14.14	166.44			570
Bhusawal					
Unit 1	0.52	6.51	24	19	25
Unit 2	4.41	45.35	190	180	180
Unit 3	4.50	41.87	198	167	170
	9.44	93.73			375
Parli					
Unit 1	0.53	5.87	23	20	20
Unit 2	0.58	6.38	25	23	20
Unit 3	4.01	40.01	179	134	175
Unit 4	3.69	43.64	184	130	150
Unit 5	3.64	47.15	175	124	140
Unit 6	4.99	53.51	232	190	210
	17.42	196.55			715
Chandrapur					
Unit 1	4.02	34.34	178	163	165
Unit 2	4.30	46.18	183	176	175
Unit 3	5.03	54.04	212	185	210
Unit 4	4.19	50.53	190	134	180
Unit 5	9.92	99.57	457	265	400
Unit 6	9.39	103.64	441	302	400
Unit 7	8.61	80.84	429	164	350
	45.46	469.14			1880
Paras					
Unit 2	1.12	8.63	49	44	45
Unit 3	5.29	57.13	238	205	230
	6.40	65.76			275
Khaparkheda					
Unit 1	4.86	52.58	211	192	200
Unit 2	4.82	51.08	206	195	200
Unit 3	4.78	51.71	212	166	170
Unit 4	4.83	51.84	207	187	200
	19.29	207.21			770
Nasik					
Unit 1	2.27	18.19	97	90	95
Unit 2	2.14	18.52	94	81	95
Unit 3	4.70	53.09	208	175	205
Unit 4	4.74	52.92	207	183	205
Unit 5	4.50	37.74	199	178	200
	18.34	180.46			800
Uran					
All Units	15.21	165.94	663	576	600
	15.21	165.94			600
Koyna					
Stage 1-2	1.34	26.44	150	30	600
Stage 4	1.93	49.10	278	0	250
Kovna 12&4 Total	3.27	75.54			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.69	16.17	228	0	320
	3.95	91.71			1170
Hydro					
KDPH	0.91	4.17	38	37	36
VTRNA	1.46	12.50	61	61	60
TILLARI	0.38	4.45	60	0	60
BHTGR/VEER	1.20	13.48	50	50	50
BHIRA T.R.	0.25	2.73	82	0	80
RNGR+BHTSA	0.35	3.88	15	14	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.52	0	0	0
GHATGHAR	0.35	4.70	125	0	0
	4.90	46.43			301
PENCH (MS)					
Pench (MS)	0.00	0.00	0	0	
	0.00	0.00			
Wind					
MalharPeth	0.15	1.43			
Vankuswadi	0.35	3.22			
ATIT	0.05	0.35			
Kale	0.13	1.54			
Satara	0.14	1.30			
Shirala	0.09	0.99			
K Mahankal	0.02	0.14			
Supa	0.19	0.77			
Vita	0.65	5.36			
Dondaicha	0.78	10.06			
Sakri	0.15	1.91			
Nandurbar	0.13	1.07			
Khadakale	0.37	2.01			
Khaparale	0.03	0.60			
	3.24	30.75			
Dabhol					
RGPP L II	7.31	77.30	306	303	300
RGPP L III	0.00	0.00	0	0	
	7.31	77.30			300
Tata					
Trombay 4	2.60	28.68	131	94	150
Trombay 5	12.00	132.00	500	500	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	2.44	26.93	103	96	120
Trombay 7B	0.75	12.34	32	28	40
TATA Hydro	4.53	48.72	436	2	447
	22.32	248.67			1257
REL					
1&2	12.71	139.65	532	521	500
	12.71	139.65			500
Cent Sect					
Share					3521
					3521

MS PG CL	Thermal	130.51	1379.29		5385
	Thml+Gas	145.72	1545.24		5985
	Hydro	8.85	138.15		1471
	Total	154.58	1683.38		7456
State Total		200.16	2179.76		13034

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 11/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	5058	197	576	5831	305	282	3001	2706	-128	-69	9055	771	9826	1328	11154	50.10
2	5096	203	577	5876	305	233	2930	2881	-57	2	9297	0	9297	1262	10559	50.21
3	5053	208	577	5838	305	366	2882	3166	-7	53	9728	0	9728	1212	10940	50.29
4	5124	208	580	5912	305	235	2859	3438	18	76	9966	178	10144	1188	11332	50.32
5	5058	208	595	5861	304	183	2887	3418	20	78	9844	1687	11531	1182	12713	50.33
6	5402	208	613	6223	303	144	2973	3507	-52	5	10182	2537	12719	1256	13975	50.04
7	5589	228	629	6446	304	175	3050	3359	-147	-90	10194	3617	13811	1389	15200	49.70
8	5582	218	660	6460	304	145	3417	3515	-156	-103	10321	3965	14286	1513	15799	49.53
9	5596	198	660	6454	305	137	3437	3408	-227	-178	10126	4324	14450	1719	16169	49.74
10	5560	357	648	6565	305	126	3713	3786	-491	-441	10341	4302	14643	2051	16694	49.53
11	5637	515	648	6800	305	94	3960	3823	-585	-537	10485	3934	14419	2198	16617	49.81
12	5536	587	649	6772	306	54	3999	3930	-633	-584	10478	4072	14550	2224	16774	49.69
13	5569	487	640	6696	306	34	3983	4191	-633	-579	10648	3928	14576	2159	16735	49.59
14	5540	574	641	6755	304	44	3831	4112	-633	-583	10632	3835	14467	2124	16591	49.58
15	5405	505	633	6543	303	63	3830	4310	-633	-582	10637	3714	14351	2105	16456	49.40
16	5379	564	642	6585	304	74	3808	4151	-633	-581	10533	3813	14346	2127	16473	49.47
17	5415	519	643	6577	304	103	3830	4094	-633	-578	10500	3721	14221	2127	16348	49.45
18	5557	507	655	6719	306	103	3904	4046	-655	-603	10571	3499	14070	2127	16197	49.64
19	5623	576	654	6853	304	101	3954	3979	-479	-432	10805	3921	14726	2059	16785	49.53
20	5604	702	656	6962	306	109	3658	3970	-532	-382	10965	4191	15156	2081	17237	49.49
21	5580	441	658	6679	306	117	3537	4039	-433	-483	10658	3687	14345	2161	16506	49.54
22	5609	225	663	6497	305	131	3610	3750	-503	-365	10318	3697	14015	1825	15840	49.58
23	5525	214	655	6394	304	100	3550	3484	-531	-442	9840	3516	13356	1741	15097	49.65
24	5463	204	652	6319	304	86	3356	3066	-386	-302	9473	2673	12146	1568	13714	49.73
MUs	130.56	8.85	15.20	154.62	7.31	3.24	83.96	88.13	-9.13	-7.70	245.60	73.58	319.18	42.73	361.90	49.75

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 11/Feb/2009

Position as on 6.30 Hrs of 12/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
Koyna Unit 9	80	12/02/2009	00.00		Continued.	Annual Overhaul	24/02/2009
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 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	13/02/2009
Dabhol 1A	230	06/02/2009	11:50		Continued.	Turbine Problem	13/02/2009
Chandrapur Unit 3	210	12/02/2009	00.41		Continued.	Steam Leakage.	15/02/2009

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Feb/2009

Position as on 6.30 Hrs of 12/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	10/02/2009	00.00		Continued.	H/T FOR O/V
Kolhapur-Mapusa Ckt I	10/02/2009	23.26	11/02/2009	09.31	H/T FOR O/V
KOLHAPUR-MAPUSA CKT II	11/02/2009	23.58		Continued.	H/T FOR O/V
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Spare ICT @ Karad	02/02/2009	10.43		Continued.	O/H Work.
Karad-Solapur(Lamboti)	11/02/2009	09.25	11/02/2009	13.25	C.T.Leakage & Line Maintenace
Own Breaker of Bhusawal-Koradi-II	11/02/2009	11.26	11/02/2009	13.56	Line on TBC for Main Breaker CRM Test at Bhusawal.
400/220kv ICT-II @ BBLSWR	11/02/2009	22.12	12/02/2009	05.17	Testing Work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
ICT - III at Harangul	20/12/2008	14.53		Continued.	New ICT commissioning work
220 KV Own Breaker BBLSR-Waluj line.	10/02/2009	10.07		Continued.	Main Breaker replacement work line on TBC at BBLSR end
L.V.Breaker 400/220 KV ICT-II at Klw.	10/02/2009	13.28		Continued.	ICT-II on TBC.Br.Repl.
Mumewadi - Halkarni	11/02/2009	08.18	11/02/2009	17.30	Insulator Replacement
Karad-Pophali	11/02/2009	08.20	11/02/2009	18.15	Line Maintenance work.
Khaperkheda - Ambazari - II	11/02/2009	10.06	11/02/2009	13.38	Tan Delta Measurment.
Bale-Osmanbad	11/02/2009	11.25	11/02/2009	16.30	Tan Delta Measurment.
New Parly - Beed - I	11/02/2009	11.55	11/02/2009	14.05	Q.M. WORK
220/132 KV,200 MVA ICT @ Bale	11/02/2009	12.00	11/02/2009	18.28	CTR Fire Fighting Commissioning Work.
Kanhan - Bhandara - I	11/02/2009	13.25	11/02/2009	19.52	Tan Delta Measurment.
Bale-Murud	11/02/2009	15.30	11/02/2009	18.15	Tan Delta Measurment.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/100 KV,100 MVA ICT-I @ Tambati	11/02/2009	15.05	11/02/2009	16.20	Oil Leakage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Uran-ONGC	11/02/2009	20.50	11/02/2009	20.57	Isolator Sparking.
Voltage Level : 220KV			Outage Type TRIPPED		
Dondaicha - Shahada	11/02/2009	20.50	11/02/2009	22.50	Tripped
Voltage Level : 132KV			Outage Type TRIPPED		
Dondaicha - Dondaicha	11/02/2009	20.55	11/02/2009	22.05	Tripped
Dhule - Dondaicha - II	11/02/2009	21.02	11/02/2009	21.20	Tripped - O/C,E/F Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 12/Feb/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	75
Unit 2	105	75
Unit 3	105	0
Unit 4	105	75
Unit 5	200	175
Unit 6	210	0
Unit 7	210	200
	1040	600
Bhusawal		
Unit 1	58	25
Unit 2	210	180
Unit 3	210	190
	478	395
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	160
Unit 4	210	150
Unit 5	210	130
Unit 6	250	210
	940	690
Chandrapur		
Unit 1	210	170
Unit 2	210	175
Unit 3	210	0
Unit 4	210	195
Unit 5	500	400
Unit 6	500	450
Unit 7	500	450
	2340	1840
Paras		
Unit 2	55	45
Unit 3	250	220
	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	95
Unit 3	210	205
Unit 4	210	200
Unit 5	210	200
	870	795
Uran		
All Units	852	620
	852	620
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	50
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	12
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	740	300
RGPPPL III	740	
	1480	300
Tata		
Trombay 4	150	150
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	120
Trombay 7B	60	60
TATA Hydro	444	447
	1774	1277
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3472
	3143	3472

	17146	12957
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