



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

State Load Dispatch Center, Airoli

Daily system Report

for

01/Feb/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 01/Feb/2009 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	127.022	127.022	1) Madhya Pradesh	66.437	66.437
2) Hydro	9.373	9.373	2) Gujrat	16.310	16.310
3) Gas	15.068	15.068	3) Goa	-5.542	-5.542
Total MSGENCO	151.463	151.463	4) TAPS 1&2 (Inj.)	7.279	7.279
B) OTHERS			5) Pench (Excess)	0.000	0.000
1) RGPPL Gas	7.292	7.292	# Total Cent. Sector	84.484	84.484
2) Wind Generation	1.919	1.919	F) Other Exchanges		
3) PENCH (MS)	0.000	0.000	1) With TPCL	-2.795	-2.795
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	18.978	18.978	1) MSEDCL Bilateral	10.860	10.860
2) TPCL Hydro	0.718	0.718	Include PX	2.998	2.998
TOTAL TPCL	19.696	19.696	2) MUMBAI Bilateral	3.941	3.941
3) REL Thermal	12.723	12.723	Include PX	1.379	1.379
D) STATE			3) MUMBAI Schedule	3.941	3.941
1) Thermal (A1+C1+C3)	158.723	158.723	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	10.091	10.091	1) MSEDCL	242.363	242.363
3) Gas (A3+B1)	22.360	22.360	2) TPCL	22.980	22.980
4) Wind (B2)	1.919	1.919	3) REL	12.235	12.235
TOTAL STATE	193.093	193.093	TOTAL STATE	277.578	277.578

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 1 Hrs
MSGENCO Thermal	5495	5484	4999
MSGENCO Hydro	209	769	133
MSGENCO Gas	672	516	672
MSGENCO Total Generation	6376	6769	5804
Central Sector Receipt	3517	3631	3478
RGPPL	304	306	307
WIND	104	87	66
Exchange with TPCL	-150	-289	-7
MSEDCL DEMAND MET	10151	10504	9648
Load Shedding	3807	3853	0
MSEDCL DEMAND (INCL. LS)	13958	14357	9648
TPCL GENERATION	830	949	802
REL GENERATION	531	530	531
TPCL+REL DEMAND	1511	1768	1340
STATE DEMAND MET	11662	12272	10988
STATE DEMAND (INCL. LS)	15469	16125	10988
Frequency (Hz)	49.26	49.49	49.55
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4372MW At 12.00 Hrs.
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			71.78 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.44 Hz at 18.03 Hrs	48.9 Hz at 11.40 Hrs	49.48	1.59 % 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 01/Feb/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.43	1.43	78	28	25
Unit 2	1.45	1.45	78	20	25
Unit 3	0.00	0.00	0	0	0
Unit 4	1.46	1.46	79	40	50
Unit 5	4.08	4.08	178	158	160
Unit 6	3.90	3.90	180	143	150
Unit 7	4.30	4.30	203	144	160
	16.62	16.62			570
Bhusawal					
Unit 1	0.56	0.56	27	18	25
Unit 2	3.79	3.79	186	138	160
Unit 3	3.92	3.92	190	152	190
	8.27	8.27			375
Parli					
Unit 1	0.51	0.51	22	20	20
Unit 2	0.54	0.54	25	21	20
Unit 3	0.00	0.00	0	0	0
Unit 4	4.06	4.06	190	122	180
Unit 5	4.08	4.08	197	140	165
Unit 6	5.66	5.66	250	204	210
	14.85	14.85			595
Chandrapur					
Unit 1	0.00	0.00	0	0	0
Unit 2	4.09	4.09	173	162	160
Unit 3	5.10	5.10	212	202	210
Unit 4	4.63	4.63	196	184	190
Unit 5	10.82	10.82	477	428	450
Unit 6	10.17	10.17	486	346	440
Unit 7	9.67	9.67	464	354	370
	44.47	44.47			1820
Paras					
Unit 2	0.97	0.97	45	37	50
Unit 3	5.43	5.43	245	205	230
	6.39	6.39			280
Khaparkheda					
Unit 1	4.84	4.84	209	189	200
Unit 2	4.78	4.78	205	192	200
Unit 3	4.96	4.96	208	202	200
Unit 4	4.75	4.75	205	185	200
	19.33	19.33			800
Nasik					
Unit 1	2.26	2.26	102	81	95
Unit 2	2.14	2.14	94	84	95
Unit 3	4.87	4.87	210	192	200
Unit 4	4.82	4.82	205	192	200
Unit 5	2.99	2.99	192	73	180
	17.08	17.08			770
Uran					
All Units	15.07	15.07	686	516	600
	15.07	15.07			600
Koyna					
Stage 1-2	1.92	1.92	245	30	600
Stage 4	2.55	2.55	522	0	250
Koyna 12&4 Total	4.47	4.47			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.06	1.06	160	0	240
	5.52	5.52			1090
Hydro					
KDPH	0.90	0.90	38	37	36
VTRNA	0.87	0.87	61	0	60
TILLARI	0.28	0.28	60	0	60
BHTGR/VEER	0.84	0.84	35	35	13
BHIRA T.R.	0.17	0.17	82	0	80
RNGR+BHTSA	0.30	0.30	15	15	0
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.06	12	0	0
GHATGHAR	0.42	0.42	125	0	0
	3.85	3.85			249
PENCH (MS)					
Pench (MS)	0.00	0.00	0	0	
	0.00	0.00			
Wind					
MalharPeth	0.10	0.10			
Vankuswadi	0.26	0.26			
ATIT	0.02	0.02			
Kale	0.06	0.06			
Satara	0.08	0.08			
Shirala	0.06	0.06			
K Mahankal	0.01	0.01			
Supa	0.08	0.08			
Vita	0.27	0.27			
Dondaicha	0.54	0.54			
Sakri	0.11	0.11			
Nandurbar	0.06	0.06			
Khadakale	0.23	0.23			
Khaparale	0.04	0.04			
	1.92	1.92			
Dabhol					
RGPP L II	7.29	7.29	307	298	300
RGPP L III			0	0	
	7.29	7.29			300
Tata					
Trombay 4	2.67	2.67	135	100	140
Trombay 5	12.00	12.00	500	500	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	2.72	2.72	129	109	110
Trombay 7B	1.59	1.59	70	64	80
TATA Hydro	0.72	0.72	221	0	447
	19.70	19.70			1277
REL					
1&2	12.72	12.72	532	529	500
	12.72	12.72			500
Cent Sect					
Share					3306
					3306

MS PG CL	Thermal	127.02	127.02		5210
	Thml+Gas	142.09	142.09		5810
	Hydro	9.37	9.37		1339
	Total	151.46	151.46		7149
State Total		193.09	193.09		12532

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/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	4999	133	672	5804	307	66	3107	3478	-40	-7	9648	0	9648	1340	10988	49.55
2	5059	128	673	5860	305	60	3108	3591	-40	-5	9811	0	9811	1339	11150	49.64
3	5002	138	674	5814	306	58	3061	3647	10	49	9874	0	9874	1269	11143	49.67
4	5107	194	680	5981	305	60	3062	3609	10	53	10008	0	10008	1256	11264	49.78
5	5125	244	684	6053	306	56	3072	3384	14	54	9853	1259	11112	1257	12369	49.50
6	5194	454	681	6329	306	53	3056	3238	17	57	9983	2104	12087	1251	13338	49.31
7	5313	323	674	6310	306	61	3068	3288	-8	30	9995	2820	12815	1276	14091	49.35
8	5392	263	685	6340	306	108	3371	3362	-38	2	10118	3308	13426	1315	14741	49.33
9	5500	193	684	6377	306	109	3378	3158	-47	1	9951	3828	13779	1366	15145	49.43
10	5495	209	672	6376	304	104	3473	3517	-195	-150	10151	3807	13958	1511	15469	49.26
11	5334	571	652	6557	300	68	3490	3640	-195	-151	10414	3406	13820	1510	15330	49.22
12	5234	634	636	6504	298	62	3486	3675	-195	-150	10389	3606	13995	1521	15516	49.17
13	5255	761	631	6647	299	42	3483	3672	-195	-139	10521	3491	14012	1515	15527	49.28
14	5237	617	628	6482	299	60	3470	3693	-195	-138	10396	3494	13890	1485	15375	49.36
15	5279	580	633	6492	301	80	3482	3652	-195	-145	10380	3315	13695	1492	15187	49.63
16	5273	220	577	6070	299	84	3481	3689	-195	-140	10002	3391	13393	1482	14875	49.49
17	5285	356	520	6161	300	93	3481	3813	-195	-142	10225	3346	13571	1468	15039	49.39
18	5372	479	518	6369	304	111	3632	3815	-340	-285	10314	3172	13486	1591	15077	49.62
19	5392	629	524	6545	304	69	3663	3738	-345	-290	10366	3615	13981	1623	15604	49.65
20	5484	769	516	6769	306	87	3308	3631	-345	-289	10504	3853	14357	1768	16125	49.49
21	5461	658	522	6641	306	99	3315	3691	-345	-292	10445	3380	13825	1821	15646	49.57
22	5377	467	578	6422	306	106	3311	3541	-339	-285	10090	3378	13468	1712	15180	49.45
23	5374	181	664	6219	306	114	3352	3395	-341	-288	9746	2981	12727	1596	14323	49.73
24	5336	167	686	6189	307	103	3236	3131	-204	-145	9585	2197	11782	1451	13233	49.69
MUs	126.88	9.37	15.06	151.31	7.29	1.91	79.95	85.05	-3.94	-2.80	242.77	63.75	306.52	35.21	341.74	49.48

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 01/Feb/2009

Position as on 6.30 Hrs of 02/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	15/02/2009
Dabhol 3X	290	19/11/2008	19.58		Continued.	W/dn	15/02/2009
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	02/02/2009
Uran Unit 5	108	01/02/2009	15.38	01/02/2009	20.22	Boiler Damper Desripancy.	
Paras Unit 2	55	02/02/2009	02.06	02/02/2009	03.18	UAT Tripped on Neutral Displacement.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Feb/2009

Position as on 6.30 Hrs of 02/Feb/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
DHULE-SAR'SAROVAR-I	17/01/2009	22:16	01/02/2009	15.20	H/T FOR O/V
Dhule-Sar'Sarovar II	01/02/2009	14.25		Continued.	H/T FOR O/V
KOLHAPUR-MAPUSA CKT II	01/02/2009	23.13		Continued.	H/T FOR O/V
Voltage Level : 220KV			Outage Type TRIPPED		
Tillary-Phonda	31/01/2009	04.55		Continued.	Tripped ,Dist.Prot.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Bhusawal- Koradi-I Main Brekar	30/01/2009	06.23		Continued.	O/H Work.
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
Voltage Level : 220KV			Outage Type HAND TRIPPED		
PUSAD - PARBHANI	31/01/2009	22.33		Continued.	For Controlling C'pur ICT loading.
Voltage Level : 400KV			Outage Type TRIPPED		
KOYNA STG-IV-N.KOYNA CKT 1	01/02/2009	18.06	01/02/2009	18.42	TRIPPED ON O/V
Voltage Level : 220KV			Outage Type TRIPPED		
Kolhapur-Karad-III	02/02/2009	05:33		Continued.	Tripped on Dist.Prot.
Voltage Level : 132KV			Outage Type TRIPPED		
Deepnagar - Yawal	01/02/2009	06.46	01/02/2009	10.03	Tripped on Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 02/Feb/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	80
Unit 2	105	75
Unit 3	105	0
Unit 4	105	80
Unit 5	200	170
Unit 6	210	170
Unit 7	210	200
	1040	775
Bhusawal		
Unit 1	58	25
Unit 2	210	180
Unit 3	210	180
	478	385
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	165
Unit 4	210	165
Unit 5	210	190
Unit 6	250	225
	940	785
Chandrapur		
Unit 1	210	0
Unit 2	210	165
Unit 3	210	210
Unit 4	210	190
Unit 5	500	450
Unit 6	500	460
Unit 7	500	450
	2340	1925
Paras		
Unit 2	55	20
Unit 3	250	220
	305	240
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	200
Unit 4	210	200
Unit 5	210	190
	870	780
Uran		
All Units	852	650
	852	650
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	35
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	12
GHATGHAR	250	0
	611	298
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	3400
	3143	3400

	17146	13205
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