



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

State Load Dispatch Center, Airoli

Daily system Report

for

09/Feb/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 09/Feb/2009 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	108.740	1129.658	1) Madhya Pradesh	72.339	585.430
2) Hydro	22.892	115.340	2) Gujrat	19.243	165.333
3) Gas	15.594	136.124	3) Goa	-5.698	-50.254
Total MSGENCO	147.226	1381.122	4) TAPS 1&2 (Inj.)	7.390	66.558
B) OTHERS			5) Pench (Excess)	0.000	0.023
1) RGPPL Gas	3.483	63.896	# Total Cent. Sector	93.274	767.090
2) Wind Generation	2.314	22.096	F) Other Exchanges		
3) PENCH (MS)	0.000	0.000	1) With TPCL	-6.599	-51.117
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	18.085	164.024	1) MSEDCL Bilateral	10.859	94.854
2) TPCL Hydro	5.915	39.469	Include PX	3.429	31.326
TOTAL TPCL	24.000	203.493	2) MUMBAI Bilateral	7.940	58.742
3) REL Thermal	12.713	114.227	Include PX	1.644	11.262
D) STATE			3) MUMBAI Schedule	7.940	59.192
1) Thermal (A1+C1+C3)	139.538	1407.909	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	28.807	154.809	1) MSEDCL	239.698	2183.087
3) Gas (A3+B1)	19.077	200.020	2) TPCL	29.078	244.244
4) Wind (B2)	2.314	22.096	3) REL	14.232	124.591
TOTAL STATE	189.736	1784.834	TOTAL STATE	283.008	2551.922

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	4562	4765	4374
MSGENCO Hydro	891	1561	139
MSGENCO Gas	660	656	670
MSGENCO Total Generation	6113	6982	5183
Central Sector Receipt	3948	4022	3375
RGPPL	306	0	307
WIND	60	284	75
Exchange with TPCL	-433	-441	1
MSEDCL DEMAND MET	9994	10847	8941
Load Shedding	4040	3676	1565
MSEDCL DEMAND (INCL. LS)	14034	14523	10506
TPCL GENERATION	1092	1232	700
REL GENERATION	530	529	529
TPCL+REL DEMAND	2055	2202	1228
STATE DEMAND MET	12049	13049	10169
STATE DEMAND (INCL. LS)	16089	16725	11734
Frequency (Hz)	49.22	49.37	49.98
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5578 MW at 13.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			105.695 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.17 Hz at 18.03 Hrs	48.96 Hz at 16.35 Hrs	49.47	2.36 % 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 09/Feb/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.47	14.54	72	33	45
Unit 2	1.69	15.33	78	56	70
Unit 3	0.00	0.00	0	0	0
Unit 4	1.75	13.82	80	62	70
Unit 5	3.94	33.82	186	142	150
Unit 6	0.00	25.94	0	0	0
Unit 7	4.37	35.68	205	147	180
	13.22	139.14			515
Bhusawal					
Unit 1	0.62	5.43	29	23	27
Unit 2	3.32	37.05	156	111	185
Unit 3	0.58	35.92	165	0	0
	4.52	78.40			212
Parli					
Unit 1	0.52	4.82	23	21	20
Unit 2	0.57	5.24	26	22	20
Unit 3	4.12	31.90	177	151	170
Unit 4	3.94	35.78	192	105	175
Unit 5	4.28	40.27	212	137	150
Unit 6	4.36	43.42	209	160	170
	17.79	161.43			705
Chandrapur					
Unit 1	4.04	26.29	178	164	170
Unit 2	4.28	37.65	182	170	175
Unit 3	4.91	43.97	212	149	210
Unit 4	4.40	41.71	196	150	195
Unit 5	4.36	79.76	291	116	150
Unit 6	8.75	83.72	447	222	350
Unit 7	0.00	71.74	0	0	0
	30.73	384.83			1250
Paras					
Unit 2	1.04	6.41	49	36	45
Unit 3	5.56	46.84	245	211	230
	6.60	53.25			275
Khaparkheda					
Unit 1	4.71	42.94	208	161	200
Unit 2	4.75	41.54	206	192	200
Unit 3	4.76	42.31	208	188	200
Unit 4	4.78	42.15	204	192	200
	19.00	168.94			800
Nasik					
Unit 1	2.38	13.58	103	93	95
Unit 2		14.98	0	0	0
Unit 3	4.92	43.45	210	195	205
Unit 4	4.87	43.30	210	190	200
Unit 5	4.72	28.35	205	181	200
	16.88	143.67			700
Uran					
All Units	15.59	136.12	675	610	600
	15.59	136.12			600
Koyna					
Stage 1-2	2.95	22.65	345	35	600
Stage 4	12.56	42.04	864	0	250
Koyna 12&4 Total	15.52	64.69			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	3.13	13.77	320	0	240
	18.64	78.46			1090
Hydro					
KDPH	0.22	2.35	37	0	0
VTRNA	1.17	10.02	61	0	60
TILLARI	0.64	3.68	60	0	60
BHTGR/VEER	1.15	11.03	48	48	52
BHIRA T.R.	0.27	2.23	81	0	80
RNGR+BHTSA	0.37	3.19	18	13	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	0.45	12	0	12
GHATGHAR	0.37	3.92	125	0	0
	4.25	36.88			279
PENCH (MS)					
Pench (MS)	0.00	0.00	0	0	
	0.00	0.00			
Wind					
MalharPeth	0.12	1.15			
Vankuswadi	0.25	2.62			
ATIT	0.03	0.27			
Kale	0.07	0.88			
Satara	0.11	1.04			
Shirala	0.06	0.85			
K Mahankal	0.02	0.11			
Supa	0.04	0.54			
Vita	0.44	4.35			
Dondaicha	0.80	6.32			
Sakri	0.14	1.21			
Nandurbar	0.11	0.89			
Khadakale	0.10	1.49			
Khaparale	0.02	0.40			
	2.31	22.10			
Dabhol					
RGPP L II	3.48	63.90	311	0	300
RGPP L III	0.00	0.00	0	0	
	3.48	63.90			300
Tata					
Trombay 4	2.62	23.23	137	50	150
Trombay 5	12.00	108.00	500	500	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	2.64	21.96	111	109	120
Trombay 7B	0.83	10.84	38	23	40
TATA Hydro	5.92	39.47	473	2	447
	24.00	203.49			1257
REL					
1&2	12.71	114.23	531	528	500
	12.71	114.23			500
Cent Sect					
Share					3446
					3446

MS PG CL	Thermal	108.74	1129.66		4457
	Thml+Gas	124.33	1265.78		5057
	Hydro	22.89	115.34		1369
	Total	147.23	1381.12		6426
State Total		189.74	1784.83		11929

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/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	4440	166	668	5274	309	79	2853	3431	-112	-51	9042	1550	10592	1282	11874	49.64
2	4374	139	670	5183	307	75	2799	3375	-52	1	8941	1565	10506	1228	11734	49.98
3	4361	111	672	5144	306	74	2803	3659	-52	3	9186	1559	10745	1227	11972	50.00
4	4340	106	675	5121	307	84	2805	3732	-52	4	9248	1678	10926	1226	12152	49.75
5	4330	211	675	5216	308	90	2811	3789	-52	5	9408	2400	11808	1224	13032	49.68
6	4334	830	665	5829	310	90	2880	3554	-52	3	9786	2695	12481	1227	13708	49.28
7	4397	880	670	5947	310	81	2864	3305	-52	8	9651	3678	13329	1383	14712	49.29
8	4477	985	675	6137	311	82	3319	3277	-62	-3	9804	3932	13736	1501	15237	49.14
9	4492	823	675	5990	310	59	3365	3668	-132	-80	9947	4056	14003	1700	15703	49.35
10	4562	891	660	6113	306	60	3746	3948	-487	-433	9994	4040	14034	2055	16089	49.22
11	4594	1048	645	6287	303	56	3742	3884	-500	-433	10097	3660	13757	2158	15915	49.22
12	4539	1353	635	6527	96	42	3762	3973	-537	-461	10177	4080	14257	2217	16474	49.20
13	4514	1641	624	6779	0	29	3747	3976	-597	-484	10300	4019	14319	2262	16581	49.26
14	4497	1630	615	6742	0	33	3750	3970	-597	-481	10264	3979	14243	2260	16503	49.37
15	4473	1355	622	6450	0	53	3797	4235	-597	-479	10259	3805	14064	2257	16321	49.45
16	4540	1136	620	6296	0	73	3820	4249	-597	-479	10139	3732	13871	2254	16125	49.34
17	4611	1216	620	6447	0	129	3810	4401	-597	-541	10436	3576	14012	2202	16214	49.27
18	4598	1186	634	6418	0	179	3727	4571	-559	-533	10635	3405	14040	2130	16170	49.46
19	4686	1546	642	6874	0	189	3682	4244	-409	-426	10881	3483	14364	2074	16438	49.55
20	4765	1561	656	6982	0	284	3441	4022	-408	-441	10847	3676	14523	2202	16725	49.37
21	4736	1252	662	6650	0	199	3503	4291	-403	-372	10768	3279	14047	2055	16102	49.47
22	4705	1039	660	6404	0	112	3508	4211	-401	-368	10359	3293	13652	1891	15543	49.53
23	4730	777	642	6149	0	71	3464	4186	-330	-298	10108	3122	13230	1725	14955	49.77
24	4739	1010	610	6359	0	90	3095	3505	-298	-260	9694	2424	12118	1572	13690	49.64
MUs	108.83	22.89	15.59	147.32	3.48	2.31	81.09	93.46	-7.94	-6.60	239.97	76.69	316.66	43.31	359.97	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 09/Feb/2009

Position as on 6.30 Hrs of 10/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	13/02/2009
Dabhol 1A	230	06/02/2009	11:50		Continued.	Turbine Problem	13/02/2009
Nasik Unit 2	125	07/02/2009	19.20	10/02/2009	05.35	Boiler Tube Leakage	
Chandrapur Unit 7	500	08/02/2009	14.59	10/02/2009	20.00	Boiler Tube Leakage	
Cent_Sect NTPC(V-8)	500	08/02/2009	23.09	10/02/2009	09.37	Boiler Tube Leakage	
Bhusawal Unit 3	210	09/02/2009	03.32	10/02/2009	12.35	Condensor Tube Leakage	
Dabhol 2X	290	09/02/2009	11.23	10/02/2009	03.09	Gas Leakage	
Dabhol 2B	230	09/02/2009	11.28	10/02/2009	00.26	Gas Leakage	
Nasik Unit 2	125	10/02/2009	05.50	10/02/2009	06.55	During Aux.Change Over.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/Feb/2009

Position as on 6.30 Hrs of 10/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-I	08/02/2009	21.19	10/02/2009	04.46	H/T FOR O/V
Kolhapur-Mapusa Ckt I	09/02/2009	00.11	09/02/2009	15.45	H/T FOR O/V
KOLHAPUR-MAPUSA CKT II	09/02/2009	22.05	10/02/2009	15.17	Hand Tripped to Control O/V.
Dhule-Sar'Sarovar II	10/02/2009	00.00		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.
400 kv Main Bus-I at New Koyna	09/02/2009	16:40	10/02/2009	12.45	Bus Isolator Work.
Dhabhol-N'Thane I	10/02/2009	09.06	10/02/2009	20.25	Testing and R.M. work.
400 KV Own Br. of Solapur-Parli line	10/02/2009	11.02	10/02/2009	16.57	Line Was On Tie Breaker(Testing Work)
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	09/02/2009	20.40	Breaker Replacement
ICT-II AT TROMBAY	08/02/2009	08.30	09/02/2009	03.00	L.A.replacement work
Pophali-K'gaon	09/02/2009	07.45	09/02/2009	11.45	R.M. Work
Kurkumb-Bhigwan	09/02/2009	09.25	09/02/2009	17.25	Line Maintenance work.
Girawli-Parli-III	10/02/2009	07.24	10/02/2009	18.48	Conductor Repair.
Apta - Taloja	10/02/2009	07.44	10/02/2009	22.08	C.T.Replacement RYB.
Pophali- Karad II	10/02/2009	08.45	10/02/2009	18.30	Crimping Work
Uran-Kharghar-CKT.II	10/02/2009	09.15	10/02/2009	15.23	Carrier Intertrip Commissioning
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.
Khaperkheda-Koradi Ckt.	10/02/2009	14.00	10/02/2009	16.20	Testing Work
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
KALWA-SALSETE-III	09/02/2009	11.48	09/02/2009	15.56	Hot Spot on Y ph.C.T.
Bus at Kamba	09/02/2009	12.25	09/02/2009	16.50	Red Hot on Bus Isolator.
Kolhapur-Mudsingi	09/02/2009	14.04	09/02/2009	16.47	Red Hot on Isolator
Voltage Level : 400KV			Outage Type TRIPPED		
Kalwa-Padgha CKT I	09/02/2009	16.10	09/02/2009	20.26	Tripped
New Koyna - Stage IV	09/02/2009	23.58	10/02/2009	08.10	TRIPPED ON O/V
Voltage Level : 220KV			Outage Type TRIPPED		
Kandalgaon-Khargar	10/02/2009	10.55	10/02/2009	17.46	R Ph Conductor Snapped.
Trombay-Nerul	10/02/2009	22.30	10/02/2009	23.39	Tripped on Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 10/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	70
Unit 5	200	170
Unit 6	210	0
Unit 7	210	170
	1040	550
Bhusawal		
Unit 1	58	25
Unit 2	210	150
Unit 3	210	0
	478	175
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	170
Unit 4	210	175
Unit 5	210	130
Unit 6	250	205
	940	720
Chandrapur		
Unit 1	210	165
Unit 2	210	170
Unit 3	210	210
Unit 4	210	195
Unit 5	500	400
Unit 6	500	450
Unit 7	500	0
	2340	1590
Paras		
Unit 2	55	50
Unit 3	250	225
	305	275
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	40
Unit 3	210	205
Unit 4	210	200
Unit 5	210	200
	870	740
Uran		
All Units	852	600
	852	600
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
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		
RGPL II	740	300
RGPL III	740	0
	1480	300
Tata		
Trombay 4	150	140
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	125
Trombay 7B	60	45
TATA Hydro	444	447
	1774	1257
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3526
	3143	3526

	17146	12516
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