



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

State Load Dispatch Center, Airoli

Daily system Report

for

19/Mar/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 19/Mar/2009 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	115.160	2263.957	1) Madhya Pradesh	63.712	1237.810
2) Hydro	12.624	303.508	2) Gujrat	22.282	343.532
3) Gas	11.802	243.138	3) Goa	-6.084	-113.550
Total MSGENCO	139.586	2810.603	4) TAPS 1&2 (Inj.)	7.306	127.266
B) OTHERS			5) Pench (Excess)	-0.032	-1.758
1) RGPPL Gas	15.185	224.010	# Total Cent. Sector	87.184	1593.300
2) Wind Generation	6.796	72.615	F) Other Exchanges		
3) PENCH (MS)	0.032	1.758	1) With TPCL	-4.251	-44.232
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	29.069	550.637	1) MSEDCL Bilateral	8.388	153.756
2) TPCL Hydro	3.666	58.639	Include PX	1.122	33.376
TOTAL TPCL	32.735	609.276	2) MUMBAI Bilateral	5.691	68.429
3) REL Thermal	12.660	240.940	Include PX	0.305	13.007
D) STATE			3) MUMBAI Schedule	5.691	71.579
1) Thermal (A1+C1+C3)	156.889	3055.534	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	16.322	363.905	1) MSEDCL	244.532	4659.812
3) Gas (A3+B1)	26.987	467.148	2) TPCL	33.166	604.354
4) Wind (B2)	6.796	72.615	3) REL	16.480	299.190
TOTAL STATE	206.994	3959.202	TOTAL STATE	294.178	5563.356

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4954	4742	4662
MSGENCO Hydro	231	713	90
MSGENCO Gas	492	490	500
MSGENCO Total Generation	5677	5945	5252
Central Sector Receipt	3842	4324	2979
RGPPL	642	623	646
WIND	237	282	374
Exchange with TPCL	-294	-387	166
MSEDCL DEMAND MET	10104	10811	9417
Load Shedding	4121	4289	1890
MSEDCL DEMAND (INCL. LS)	14225	15100	11307
TPCL GENERATION	1457	1497	1203
REL GENERATION	526	526	529
TPCL+REL DEMAND	2277	2410	1566
STATE DEMAND MET	12381	13221	10983
STATE DEMAND (INCL. LS)	16502	17510	12873
Frequency (Hz)	49.22	49.51	49.31
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4782 MW at 13.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			92.21 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.02 Hz at 18.32 Hrs	48.81 Hz at 11.27 Hrs	49.33	3.82 % 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 19/Mar/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	8.07	0	0	0
Unit 2	1.81	31.25	82	72	75
Unit 3	0.00	20.68	0	0	0
Unit 4	1.76	23.18	84	41	85
Unit 5	3.05	67.80	168	77	150
Unit 6	3.09	44.55	149	111	140
Unit 7	3.23	65.78	159	94	150
	12.94	261.32			600
Bhusawal					
Unit 1	0.64	15.05	28	26	25
Unit 2	4.32	84.19	193	170	190
Unit 3	4.47	88.18	198	174	190
	9.43	187.42			405
Parli					
Unit 1	0.55	10.08	26	21	20
Unit 2	0.59	11.11	26	22	20
Unit 3	3.12	47.47	152	26	140
Unit 4	0.77	36.27	155	0	0
Unit 5	3.44	54.82	160	130	140
Unit 6	5.57	106.46	257	200	225
	14.05	266.22			545
Chandrapur					
Unit 1	2.84	76.39	176	0	170
Unit 2	3.85	76.27	164	158	160
Unit 3	5.03	94.00	211	205	210
Unit 4	4.86	73.68	208	190	210
Unit 5	10.40	153.64	485	375	400
Unit 6	10.12	164.19	450	380	400
Unit 7	9.70	187.20	432	375	425
	46.80	825.37			1975
Paras					
Unit 2	1.11	20.47	48	44	45
Unit 3	0.00	43.03	0	0	0
	1.11	63.50			45
Khaparkheda					
Unit 1	0.00	64.47	0	0	0
Unit 2	4.67	88.53	200	182	185
Unit 3	4.80	93.98	211	182	200
Unit 4	4.87	84.42	209	195	195
	14.34	331.41			580
Nasik					
Unit 1	2.08	32.03	100	74	95
Unit 2	1.86	40.08	89	61	95
Unit 3	4.05	85.63	183	157	160
Unit 4	4.51	86.97	199	171	195
Unit 5	3.99	84.02	177	159	160
	16.50	328.72			705
Uran					
All Units	11.80	243.14	509	477	500
	11.80	243.14			500
Koyna					
Stage 1-2	2.73	51.24	335	30	600
Stage 4	5.19	148.58	1111	0	250
Kovna 12&4 Total	7.92	199.82			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.60	41.81	238	0	240
	9.52	241.63			1090
Hydro					
KDPH	0.62	9.55	37	0	35
VTRNA	0.00	7.59	0	0	0
TILLARI	0.46	8.09	60	0	60
BHTGR/VEER	0.94	16.16	39	39	10
BHIRA T.R.	0.16	2.43	70	0	80
RNGR+BHTSA	0.29	6.12	13	11	10
BHANDARDRA	0.00	6.42	0	0	0
ELDARY	0.00	1.14	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.63	4.38	125	0	0
	3.10	61.88			195
PENCH (MS)					
Pench (MS)	0.03	1.76	24	0	
	0.03	1.76			
Wind					
MalharPeth	0.18	2.76			
Vankuswadi	0.44	6.83			
ATIT	0.07	1.17			
Kale	0.21	2.19			
Satara	0.21	2.79			
Shirala	0.26	2.83			
K Mahankal	0.06	0.74			
Supa	0.21	2.54			
Vita	1.52	16.96			
Dondaicha	2.38	20.23			
Sakri	0.34	3.43			
Nandurbar	0.38	2.77			
Khadakale	0.47	6.39			
Khaparale	0.07	0.99			
	6.80	72.62			
Dabhol					
RGPP L II	15.18	224.01	660	616	600
RGPP L III	0.00	0.00	0	0	
	15.18	224.01			600
Tata					
Trombay 4	2.33	46.99	100	90	150
Trombay 5	12.12	230.26	505	505	500
Trombay 6	12.12	230.97	510	460	500
Trombay 7A	2.14	41.87	94	83	120
Trombay 7B	0.36	0.54	52	0	0
TATA Hydro	3.67	58.64	316	2	297
	32.74	609.28			1567
REL					
1&2	12.66	240.94	531	524	500
	12.66	240.94			500
Cent Sect					
Share					3536
					3536

MS PG CL	Thermal	115.16	2263.96		4855
	Thml+Gas	126.96	2507.10		5355
	Hydro	12.62	303.51		1285
	Total	139.59	2810.60		6640
State Total		206.99	3959.20		12843

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 19/Mar/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	4813	290	496	5599	643	320	2964	3032	-62	-13	9581	1899	11480	1761	13241	49.22
2	4691	80	497	5268	640	317	2858	3046	57	114	9385	1914	11299	1617	12916	49.11
3	4662	90	500	5252	646	374	2793	2979	107	166	9417	1890	11307	1566	12873	49.31
4	4687	115	499	5301	647	430	2805	3130	107	169	9677	1839	11516	1512	13028	49.35
5	4740	195	497	5432	650	415	2799	3031	107	183	9711	2346	12057	1498	13555	49.36
6	4834	606	498	5938	653	377	2724	2991	212	245	10204	2558	12762	1466	14228	49.29
7	4902	375	506	5783	657	382	3026	3059	57	112	9993	3775	13768	1628	15396	49.50
8	4944	126	509	5579	660	274	3256	3154	98	145	9812	3971	13783	1717	15500	49.61
9	4937	185	504	5626	651	224	3286	3483	-21	24	10008	4101	14109	1900	16009	49.40
10	4954	231	492	5677	642	237	3759	3842	-336	-294	10104	4121	14225	2277	16502	49.22
11	4929	538	484	5951	636	200	3591	3709	-480	-448	10048	3776	13824	2479	16303	49.22
12	4821	1179	488	6488	616	115	3589	3740	-516	-486	10473	3689	14162	2521	16683	49.06
13	4739	1514	487	6740	617	67	3580	3731	-516	-472	10683	3667	14350	2516	16866	49.19
14	4741	1320	486	6547	616	61	3598	3720	-471	-423	10521	3654	14175	2434	16609	49.19
15	4782	1157	489	6428	616	108	3642	3771	-516	-464	10459	3839	14298	2458	16756	49.20
16	4795	788	482	6065	616	165	3726	3910	-547	-488	10268	4053	14321	2475	16796	49.21
17	4705	504	486	5695	618	270	4015	4174	-547	-492	10265	3935	14200	2469	16669	49.34
18	4685	484	488	5657	620	297	3961	4242	-452	-393	10423	3742	14165	2385	16550	49.44
19	4689	370	488	5547	623	259	4032	4282	-401	-334	10382	4117	14499	2281	16780	49.59
20	4742	713	490	5945	623	282	3715	4300	-446	-387	10787	4289	15076	2410	17486	49.51
21	4884	536	492	5912	623	400	3586	4421	-356	-258	11101	3755	14856	2279	17135	49.45
22	4798	546	485	5829	624	381	3516	4183	-283	-178	10839	3772	14611	2113	16724	49.47
23	4846	479	482	5807	624	416	3541	3791	-287	-182	10456	3189	13645	1987	15632	49.45
24	4827	203	477	5507	624	429	3403	3485	-198	-97	9948	2562	12510	1897	14407	49.33
MUs	115.15	12.62	11.80	139.57	15.18	6.80	81.76	87.21	-5.69	-4.25	244.55	80.45	325.00	49.65	374.64	49.33

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 19/Mar/2009

Position as on 6.30 Hrs of 20/Mar/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
Paras Unit 3	250	10/03/2009	02.03		Continued.	PG Test	25/03/2009
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 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	30/03/2009
Koradi Unit 1	105	06/03/2009	10:52		Continued.	Boiler Tube Leakage	24/03/2009
Dabhol 1X	290	16/03/2009	17.01		Continued.	No insurance.	
Dabhol 1A	230	16/03/2009	17.05		Continued.	No insurance.	
Khaparkheda Unit 1	210	17/03/2009	03.50	20/03/2009	06.26	Boiler Tube Leakage	
Koradi Unit 3	105	17/03/2009	22.27	20/03/2009	08.12	Boiler Tube Leakage	
Cent_Sect NTPC(V-10)	500	18/03/2009	13.28	19/03/2009	15.03	Boiler Tube Leakage	
Parli Unit 3	210	18/03/2009	22.50	19/03/2009	00.19	Low Vaccume	
Tata Trombay 7B	60	18/03/2009	22.50	19/03/2009	16.16	Bearing Vibration Problem.	
Parli Unit 4	210	19/03/2009	01.40	19/03/2009	19.48	Air Line Leakage.	
Koradi Unit 7	210	20/03/2009	14.41		Continued.	E.S.P Problem	23/03/2009

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 19/Mar/2009

Position as on 6.30 Hrs of 20/Mar/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	17/03/2009	01.12	19/03/2009	15.03	H/T FOR O/V
DHULE-SAR'SAROVAR-I	20/03/2009	00.40	20/03/2009	07.57	H/T FOR O/V
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 300 MVA ICT-I @ Koradi	27/02/2009	09.27	19/03/2009	15.58	Outage
Single Ph.105 MVA Spare ICT-II at Karad	02/03/2009	10:45		Continued.	Repl. of existing single phase ICT of 400KV ICT-I, B Ph. by Spare ICT-II
Karad-Lonikhand	19/03/2009	10.05	19/03/2009	20.40	Testing Work
400/220KV 315MVA ICT-III at Padgha	20/03/2009	08.47	20/03/2009	20.35	Extn.of Bus for new Bus Reactor
Aux.Bus at 400 KV Padgha.	20/03/2009	11.10	20/03/2009	20.30	Extn.of Bus for new Bus Reactor
400/220 KV 300 MVA ICT-I @ Koradi	20/03/2009	11.48	20/03/2009	13.54	To replace Air and taking on load
Chandrapur-Parli -I	20/03/2009	12.53	20/03/2009	13.22	Tripped ,Dist.Prot.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
C'pur-Sicom-II	14/03/2009	19:09	20/03/2009	20.47	CT replacement.
Borivali-Kalwa	19/03/2009	08.20	19/03/2009	19.50	Insulator Replacement
New-Koyna-Pawas	19/03/2009	09.13	19/03/2009	17.25	Maintenance work
Lonikhand-Ranjangaon	19/03/2009	09.31	19/03/2009	22.12	C.T.Replacement.
512 Khadki - Cen.Yenka	19/03/2009	11.08	19/03/2009	14.14	R. Miantenance Work.
Raymond-Washala	19/03/2009	11.25	19/03/2009	18.20	R. Miantenance Work.
220/100KV,125MVA ICT-IV at Kalwa	20/03/2009	08.57	20/03/2009	19.30	R.M. Work
Pedambe-Kharepatan	20/03/2009	09.15	20/03/2009	19.35	Line Maintenance work.
Borivali-Mulund	20/03/2009	09.35	20/03/2009	18.55	C.C.Replacement & R.M.works
Nagothane-Warkhal-I	20/03/2009	10.44	20/03/2009	19.16	Bay Maintenance work.
Nagothane-Warkhal-II	20/03/2009	10.50	20/03/2009	19.12	Bay Maintenance work.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Ambazari-Wardha	17/03/2009	11.47	20/03/2009	08.25	To control Koradi ICT loading
Wardha-K'Kheda	17/03/2009	18.36	19/03/2009	07.52	To control Koradi ICT loading
Pusad - Parbhani	18/03/2009	18.49	19/03/2009	06.36	To control Koradi ICT loading
Parbhani-Pusad	19/03/2009	16.40	20/03/2009	06.39	To control Koradi ICT loading
Wardha-K'Kheda	19/03/2009	16.46	20/03/2009	06.16	To control Koradi ICT loading
Warora-Hinganghat	19/03/2009	17.18	19/03/2009	19.25	To control C'pur ICT loading
Pusad - Yavatmal	19/03/2009	18.32	19/03/2009	18.35	To control Koradi ICT loading

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 20/Mar/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	0
Unit 4	105	75
Unit 5	200	140
Unit 6	210	125
Unit 7	210	140
	1040	550
Bhusawal		
Unit 1	58	25
Unit 2	210	190
Unit 3	210	200
	478	415
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	145
Unit 4	210	145
Unit 5	210	145
Unit 6	250	225
	940	700
Chandrapur		
Unit 1	210	0
Unit 2	210	160
Unit 3	210	210
Unit 4	210	210
Unit 5	500	450
Unit 6	500	440
Unit 7	500	405
	2340	1875
Paras		
Unit 2	55	45
Unit 3	250	0
	305	45
Khaparkheda		
Unit 1	210	0
Unit 2	210	200
Unit 3	210	210
Unit 4	210	210
	840	620
Nasik		
Unit 1	120	95
Unit 2	120	90
Unit 3	210	160
Unit 4	210	195
Unit 5	210	160
	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	36
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	40
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	231
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	600
RGPPPL III	740	
	1480	600
Tata		
Trombay 4	150	150
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	50
TATA Hydro	444	297
	1774	1617
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3717
	3143	3717

	17146	13160
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