



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

State Load Dispatch Center, Airoli

Daily system Report

for

18/Mar/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 18/Mar/2009 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	114.197	2148.797	1) Madhya Pradesh	65.985	1174.098
2) Hydro	18.317	290.884	2) Gujrat	19.709	321.250
3) Gas	12.422	231.336	3) Goa	-6.165	-107.466
Total MSGENCO	144.936	2671.017	4) TAPS 1&2 (Inj.)	7.310	119.960
B) OTHERS			5) Pench (Excess)	-0.133	-1.726
1) RGPPL Gas	15.367	208.825	# Total Cent. Sector	86.706	1506.116
2) Wind Generation	4.452	65.819	F) Other Exchanges		
3) PENCH (MS)	0.133	1.726	1) With TPCL	-4.533	-39.981
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	28.945	521.568	1) MSEDCL Bilateral	7.712	145.367
2) TPCL Hydro	3.982	54.973	Include PX	1.287	32.254
TOTAL TPCL	32.927	576.541	2) MUMBAI Bilateral	5.848	62.738
3) REL Thermal	12.679	228.280	Include PX	0.696	12.702
D) STATE			3) MUMBAI Schedule	5.848	65.888
1) Thermal (A1+C1+C3)	155.821	2898.645	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	22.432	347.583	1) MSEDCL	247.061	4415.248
3) Gas (A3+B1)	27.789	440.161	2) TPCL	33.519	571.188
4) Wind (B2)	4.452	65.819	3) REL	16.620	282.710
TOTAL STATE	210.494	3752.208	TOTAL STATE	297.200	5269.146

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	4954	4898	4677
MSGENCO Hydro	210	1428	100
MSGENCO Gas	590	487	566
MSGENCO Total Generation	5754	6813	5343
Central Sector Receipt	3822	3781	3082
RGPPL	646	639	649
WIND	137	314	192
Exchange with TPCL	-342	-342	119
MSEDCL DEMAND MET	10017	11229	9385
Load Shedding	4526	3995	1783
MSEDCL DEMAND (INCL. LS)	14543	15224	11168
TPCL GENERATION	1413	1512	1183
REL GENERATION	529	525	528
TPCL+REL DEMAND	2284	2379	1592
STATE DEMAND MET	12301	13608	10977
STATE DEMAND (INCL. LS)	16827	17603	12760
Frequency (Hz)	49.61	49.39	49.43
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4799 MW at 14.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			93.492 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.16 Hz at 18.01 Hrs	48.83 Hz at 18.55 Hrs	49.37	3.61 % 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 18/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	1.78	29.44	79	72	75
Unit 3	0.00	20.68	0	0	0
Unit 4	1.84	21.42	84	74	75
Unit 5	3.28	64.75	154	94	130
Unit 6	3.39	41.46	150	134	135
Unit 7	3.31	62.55	151	125	135
	13.60	248.38			550
Bhusawal					
Unit 1	0.65	14.41	28	22	25
Unit 2	4.42	79.87	190	169	190
Unit 3	4.60	83.70	202	178	200
	9.67	177.99			415
Parli					
Unit 1	0.55	9.53	24	22	20
Unit 2	0.60	10.52	26	23	20
Unit 3	0.01	44.36	14	0	0
Unit 4	3.44	35.50	156	102	140
Unit 5	3.40	51.37	153	132	140
Unit 6	5.81	100.90	253	225	235
	13.82	252.17			555
Chandrapur					
Unit 1	3.84	73.56	169	146	170
Unit 2	3.84	72.42	165	153	160
Unit 3	4.76	88.96	211	166	190
Unit 4	4.83	68.82	207	170	210
Unit 5	9.30	143.24	448	346	440
Unit 6	8.94	154.07	443	332	450
Unit 7	9.19	177.51	438	356	450
	44.69	778.57			2070
Paras					
Unit 2	1.08	19.36	49	37	45
Unit 3	0.00	43.03	0	0	0
	1.08	62.39			45
Khaparkheda					
Unit 1	0.00	64.47	0	0	0
Unit 2	4.68	83.86	202	178	200
Unit 3	5.04	89.19	212	205	210
Unit 4	4.99	79.56	212	194	205
	14.71	317.08			615
Nasik					
Unit 1	2.20	29.94	95	87	95
Unit 2	1.83	38.22	80	72	95
Unit 3	4.00	81.58	177	161	160
Unit 4	4.68	82.46	200	190	180
Unit 5	3.92	80.03	171	156	160
	16.62	312.23			690
Uran					
All Units	12.42	231.34	594	473	500
	12.42	231.34			500
Koyna					
Stage 1-2	2.73	48.51	290	35	600
Stage 4	10.63	143.39	1038	0	250
Koyna 12&4 Total	13.36	191.90			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.98	40.21	240	0	320
	16.34	232.11			1170
Hydro					
KDPH	0.00	8.94	0	0	35
VTRNA	0.00	7.59	0	0	0
TILLARI	0.48	7.62	60	0	60
BHTGR/VEER	0.94	15.22	39	39	10
BHIRA T.R.	0.20	2.26	80	0	80
RNGR+BHTSA	0.29	5.83	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	0.07	3.75	68	0	0
	1.98	58.77			195
PENCH (MS)					
Pench (MS)	0.13	1.73	24	0	
	0.13	1.73			
Wind					
MalharPeth	0.16	2.58			
Vankuswadi	0.36	6.39			
ATIT	0.12	1.10			
Kale	0.15	1.98			
Satara	0.16	2.58			
Shirala	0.18	2.57			
K Mahankal	0.09	0.68			
Supa	0.19	2.33			
Vita	0.70	15.43			
Dondaicha	1.48	17.86			
Sakri	0.24	3.09			
Nandurbar	0.23	2.39			
Khadakale	0.35	5.92			
Khaparale	0.02	0.92			
	4.45	65.82			
Dabhol					
RGPP L II	15.37	208.82	656	618	600
RGPP L III	0.00	0.00	0	0	
	15.37	208.82			600
Tata					
Trombay 4	2.28	44.66	98	93	140
Trombay 5	12.12	218.14	505	505	500
Trombay 6	12.20	218.85	510	490	500
Trombay 7A	2.16	39.73	97	85	60
Trombay 7B	0.18	0.18	35	0	0
TATA Hydro	3.98	54.97	316	2	297
	32.93	576.54			1497
REL					
1&2	12.68	228.28	531	524	500
	12.68	228.28			500
Cent Sect					
Share					3619
					3619

MS PG CL	Thermal	114.20	2148.80		4940
	Thml+Gas	126.62	2380.13		5440
	Hydro	18.32	290.88		1365
	Total	144.94	2671.02		6805
State Total		210.49	3752.21		13021

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	4687	273	564	5524	641	215	3144	3161	-63	-8	9533	1760	11293	1754	13047	49.16
2	4677	100	566	5343	649	192	3038	3082	56	119	9385	1783	11168	1592	12760	49.43
3	4638	90	544	5272	648	185	2984	3265	106	168	9538	1786	11324	1564	12888	49.38
4	4670	135	508	5313	650	165	2937	3407	153	197	9732	1742	11474	1528	13002	49.39
5	4654	305	510	5469	649	178	2979	3127	106	179	9602	2389	11991	1555	13546	49.27
6	4664	939	522	6125	651	183	2929	3068	185	215	10242	2626	12868	1518	14386	49.20
7	4893	351	548	5792	656	174	3201	3167	104	168	9957	3680	13637	1615	15252	49.44
8	4983	86	586	5655	654	174	3566	3406	85	136	10025	3883	13908	1698	15606	49.51
9	4967	142	594	5703	654	169	3399	3493	-46	3	10022	4164	14186	1921	16107	49.60
10	4954	210	590	5754	646	137	3736	3822	-383	-342	10017	4526	14543	2284	16827	49.61
11	4759	853	584	6196	637	113	3698	3952	-479	-439	10459	3769	14228	2441	16669	49.46
12	4681	1260	514	6455	632	99	3758	3921	-550	-509	10598	3610	14208	2561	16769	49.36
13	4710	1517	475	6702	634	49	3733	3990	-550	-507	10868	3555	14423	2555	16978	49.39
14	4686	1585	474	6745	629	49	3635	3844	-526	-478	10789	3539	14328	2468	16796	49.33
15	4671	1278	473	6422	626	53	3583	3921	-526	-483	10539	3609	14148	2494	16642	49.28
16	4700	1139	474	6313	620	82	3606	3929	-555	-508	10436	3786	14222	2524	16746	49.26
17	4663	1129	475	6267	618	136	3954	4104	-555	-510	10615	3667	14282	2490	16772	49.21
18	4717	886	482	6085	634	233	3855	4123	-478	-424	10651	3517	14168	2384	16552	49.44
19	4821	707	486	6014	639	306	3792	4080	-380	-320	10738	3753	14491	2312	16803	49.49
20	4898	1428	487	6813	639	314	3475	3781	-403	-342	11229	3995	15224	2379	17603	49.39
21	4938	1220	491	6649	637	328	3430	3804	-378	-299	11143	3421	14564	2297	16861	49.25
22	4888	1217	489	6594	643	345	3308	3547	-282	-203	10950	3432	14382	2160	16542	49.43
23	4792	946	491	6229	640	305	3322	3412	-287	-210	10400	3144	13544	2096	15640	49.22
24	4792	521	495	5808	641	267	3193	3424	-205	-136	10022	2537	12559	1947	14506	49.26
MUs	114.50	18.32	12.42	145.24	15.37	4.45	82.26	86.83	-5.85	-4.53	247.49	77.67	325.16	50.14	375.30	49.37

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 18/Mar/2009

Position as on 6.30 Hrs of 19/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
Cent_Sect KARPR2	220	03/02/2009	00.24		Continued.	Bi-Annual overhaul work	30/03/2009
Paras Unit 3	250	10/03/2009	02.03		Continued.	PG Test	20/03/2009
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
Tata Trombay 7B	60	21/02/2009	03:58	18/03/2009	11.24	Stator Winding Prob.	
Koradi Unit 1	105	06/03/2009	10:52		Continued.	Boiler Tube Leakage	24/03/2009
Parli Unit 3	210	14/03/2009	10:34	18/03/2009	22.26	Pressure Part Leakages	
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		Continued.	Boiler Tube Leakage	20/03/2009
Koradi Unit 3	105	17/03/2009	22.27		Continued.	Boiler Tube Leakage	20/03/2009
Koyna Unit 11	80	18/03/2009	08.00		Continued.	Gen.Stator Core Tightning.	22/03/2009
Uran Unit 5	108	18/03/2009	12.01		Continued.	Gas Restriction	
Cent_Sect NTPC(V-10)	500	18/03/2009	13.28		Continued.	Boiler Tube Leakage	
Tata Trombay 7B	60	18/03/2009	15.59	18/03/2009	21.51	High Vibration.	
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		Continued.	Bearing Vibration Problem.	
Parli Unit 4	210	19/03/2009	01.40		Continued.	Air Line Leakage.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Mar/2009

Position as on 6.30 Hrs of 19/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		Continued.	H/T FOR O/V
Dhule-Sar'Sarovar II	18/03/2009	01.13	18/03/2009	07.16	H/T FOR O/V
Dhule-Sar'Sarovar II	19/03/2009	00.20		Continued.	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		Continued.	B Phase Unit Replacement.
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-Lamboti	18/03/2009	09.39	18/03/2009	19.15	Outage
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
C'pur-Sicom-II	14/03/2009	19:09		Continued.	CT replacement.
Padgha-Jambhul II	16/03/2009	10.42		Continued.	Main Brk.repl.Maint.work at Padgha line taken on TBC.
Kharepatan-Pawas	18/03/2009	09.25	18/03/2009	17.51	Insulator Washing
Borivali-Boisar	18/03/2009	10.04	18/03/2009	19.35	Outage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Ambazari-Wardha	17/03/2009	11.47		Continued.	To control Koradi ICT loading
Pusad-Parbhani	17/03/2009	18.32	18/03/2009	07.45	To control Koradi ICT loading
Wardha-K'Kheda	17/03/2009	18.36		Continued.	To control Koradi ICT loading
Pusad - Parbhani	18/03/2009	18.49		Continued.	To control Koradi ICT loading
Yavatmal-Pusad	18/03/2009	18.50	18/03/2009	21.45	To control Koradi ICT loading
Voltage Level : 220KV			Outage Type TRIPPED		
K'gaon-Lonand	18/03/2009	14.25	18/03/2009	14.38	Tripped on Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 19/Mar/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	75
Unit 3	105	0
Unit 4	105	85
Unit 5	200	150
Unit 6	210	140
Unit 7	210	150
	1040	600
Bhusawal		
Unit 1	58	25
Unit 2	210	190
Unit 3	210	190
	478	405
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	140
Unit 4	210	0
Unit 5	210	140
Unit 6	250	225
	940	545
Chandrapur		
Unit 1	210	170
Unit 2	210	160
Unit 3	210	210
Unit 4	210	210
Unit 5	500	400
Unit 6	500	400
Unit 7	500	425
	2340	1975
Paras		
Unit 2	55	45
Unit 3	250	0
	305	45
Khaparkheda		
Unit 1	210	0
Unit 2	210	185
Unit 3	210	200
Unit 4	210	195
	840	580
Nasik		
Unit 1	120	95
Unit 2	120	95
Unit 3	210	160
Unit 4	210	195
Unit 5	210	160
	870	705
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	35
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	10
BHIRA T.R.	80	80
RNGR+BHTSA	20	10
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	195
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	600
RGPL III	740	
	1480	600
Tata		
Trombay 4	150	150
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	0
TATA Hydro	444	297
	1774	1567
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3536
	3143	3536

	17146	12843
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