



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

State Load Dispatch Center, Airoli

Daily system Report

for

23/Mar/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 23/Mar/2009 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	124.607	2740.039	1) Madhya Pradesh	72.123	1527.890
2) Hydro	5.331	326.124	2) Gujrat	22.045	426.220
3) Gas	12.765	294.458	3) Goa	-6.134	-137.372
Total MSGENCO	142.703	3360.621	4) TAPS 1&2 (Inj.)	7.252	156.528
B) OTHERS			5) Pench (Excess)	0.000	-1.821
1) RGPPL Gas	14.951	283.968	# Total Cent. Sector	95.286	1971.445
2) Wind Generation	3.248	94.107	F) Other Exchanges		
3) PENCH (MS)	0.000	1.821	1) With TPCL	-3.202	-49.983
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	28.628	667.878	1) MSEDCL Bilateral	11.077	196.274
2) TPCL Hydro	4.551	72.439	Include PX	1.939	37.453
TOTAL TPCL	33.179	740.317	2) MUMBAI Bilateral	5.136	82.399
3) REL Thermal	12.773	291.652	Include PX	0.615	12.873
D) STATE			3) MUMBAI Schedule	5.136	85.549
1) Thermal (A1+C1+C3)	166.008	3699.569	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	9.882	400.384	1) MSEDCL	252.986	5663.800
3) Gas (A3+B1)	27.716	578.426	2) TPCL	32.404	732.846
4) Wind (B2)	3.248	94.107	3) REL	16.720	362.913
TOTAL STATE	206.854	4772.486	TOTAL STATE	302.110	6759.559

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	5209	5394	4935
MSGENCO Hydro	198	633	89
MSGENCO Gas	632	490	514
MSGENCO Total Generation	6039	6517	5538
Central Sector Receipt	4013	4001	3326
RGPPL	621	622	629
WIND	85	146	142
Exchange with TPCL	-356	-366	191
MSEDCL DEMAND MET	10402	10920	9826
Load Shedding	3139	3682	0
MSEDCL DEMAND (INCL. LS)	13541	14602	9826
TPCL GENERATION	1523	1536	1195
REL GENERATION	524	524	530
TPCL+REL DEMAND	2403	2426	1534
STATE DEMAND MET	12805	13346	11360
STATE DEMAND (INCL. LS)	15944	17028	11360
Frequency (Hz)	49.54	49.60	49.90
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4294 MW At 16.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			70.25 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.18 Hz at 18.04 Hrs	49.16 Hz at 12.18 Hrs	49.66	0 % 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 23/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	1.67	37.94	77	38	65
Unit 3	1.50	26.04	76	40	70
Unit 4	1.27	29.08	75	0	60
Unit 5	3.58	82.35	163	124	160
Unit 6	3.60	58.79	166	126	125
Unit 7	1.06	68.68	154	0	0
	12.68	310.95			480
Bhusawal					
Unit 1	0.59	17.47	28	21	25
Unit 2	4.35	101.66	192	160	190
Unit 3	4.30	106.04	193	167	195
	9.24	225.17			410
Parli					
Unit 1	0.54	12.24	23	21	20
Unit 2	0.56	13.44	25	20	20
Unit 3	3.67	61.73	166	142	150
Unit 4	3.58	50.51	157	134	140
Unit 5	3.64	69.23	162	131	130
Unit 6	5.90	130.19	264	223	250
	17.90	337.34			710
Chandrapur					
Unit 1	3.96	84.42	173	156	170
Unit 2	3.77	91.29	160	147	160
Unit 3	5.01	113.69	212	191	210
Unit 4	4.86	84.74	210	192	205
Unit 5	11.17	195.63	482	445	450
Unit 6	9.75	204.51	434	345	425
Unit 7	10.65	228.73	467	417	450
	49.17	1003.01			2070
Paras					
Unit 2	1.13	24.85	50	44	45
Unit 3	0.00	43.03	0	0	0
	1.13	67.88			45
Khaparkheda					
Unit 1	4.83	81.82	212	181	200
Unit 2	4.72	107.06	204	188	200
Unit 3	4.92	113.28	213	179	170
Unit 4	4.95	103.43	214	191	210
	19.43	405.59			780
Nasik					
Unit 1	0.85	39.08	54	0	45
Unit 2	1.59	45.30	79	56	85
Unit 3	4.17	101.64	186	162	160
Unit 4	4.36	104.26	188	175	190
Unit 5	4.09	99.81	181	158	160
	15.07	390.09			640
Uran					
All Units	12.76	294.46	646	466	500
	12.76	294.46			500
Koyna					
Stage 1-2	1.40	56.54	125	40	600
Stage 4	1.19	153.12	279	0	250
Kovna 12&4 Total	2.59	209.66			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.51	43.93	146	0	320
	3.10	253.60			1170
Hydro					
KDPH	0.00	11.91	0	0	0
VTRNA	0.00	7.59	0	0	0
TILLARI	0.46	9.99	60	0	60
BHTGR/VEER	0.82	19.86	36	34	40
BHIRA T.R.	0.17	3.06	78	0	80
RNGR+BHTSA	0.37	7.43	16	15	14
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	0.41	5.14	125	0	0
	2.24	72.53			194
PENCH (MS)					
Pench (MS)	0.00	1.82	0	0	
	0.00	1.82			
Wind					
MalharPeth	0.14	3.43			
Vankuswadi	0.43	8.67			
ATIT	0.06	1.48			
Kale	0.14	2.93			
Satara	0.19	3.64			
Shirala	0.15	3.72			
K Mahankal	0.03	0.85			
Supa	0.14	3.29			
Vita	0.86	20.48			
Dondaicha	0.64	27.46			
Sakri	0.13	4.88			
Nandurbar	0.06	4.00			
Khadakale	0.27	8.03			
Khaparale	0.02	1.26			
	3.25	94.11			
Dabhol					
RGPP L II	14.95	283.97	630	614	600
RGPP L III		0.00	0	0	
	14.95	283.97			600
Tata					
Trombay 4	2.38	56.29	112	45	100
Trombay 5	12.12	278.74	505	505	500
Trombay 6	12.00	279.40	510	425	500
Trombay 7A	1.89	49.74	83	70	120
Trombay 7B	0.24	3.70	49	0	0
TATA Hydro	4.55	72.44	316	0	297
	33.18	740.32			1517
REL					
1&2	12.77	291.65	566	522	500
	12.77	291.65			500
Cent Sect					
Share					3678
					3678

MS PG CL	Thermal	124.61	2740.04		5135
	Thml+Gas	137.37	3034.50		5635
	Hydro	5.33	326.12		1364
	Total	142.70	3360.62		6999
State Total		206.85	4772.49		13294

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/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	4923	94	510	5527	628	157	3045	3447	-58	55	9814	691	10505	1668	12173	49.83
2	4935	89	514	5538	629	142	2929	3326	60	191	9826	0	9826	1534	11360	49.90
3	4955	89	514	5558	629	167	2922	3531	60	179	10064	0	10064	1524	11588	49.99
4	5008	89	509	5606	628	179	2918	3660	60	177	10250	0	10250	1461	11711	49.83
5	5036	94	510	5640	628	171	2954	3783	60	186	10408	0	10408	1453	11861	49.67
6	5093	149	495	5737	625	164	3036	4034	60	184	10744	674	11418	1489	12907	49.42
7	5159	120	568	5847	627	209	3223	4195	60	176	11054	1985	13039	1546	14585	49.63
8	5224	99	606	5929	630	168	3539	4196	110	177	11100	2141	13241	1610	14851	49.74
9	5248	159	616	6023	628	155	3532	3836	107	166	10808	2541	13349	1804	15153	49.71
10	5259	155	646	6060	623	126	3853	4136	-219	-155	10790	2650	13440	2181	15621	49.59
11	5209	198	632	6039	621	85	3935	4013	-408	-356	10402	3139	13541	2403	15944	49.54
12	5132	298	617	6047	617	73	3917	4179	-476	-420	10496	3251	13747	2468	16215	49.48
13	5102	368	592	6062	616	57	3863	4320	-476	-486	10569	3265	13834	2539	16373	49.39
14	5244	194	480	5918	617	35	4003	4372	-408	-415	10527	3368	13895	2469	16364	49.67
15	5184	392	466	6042	614	39	4039	4282	-431	-439	10538	3395	13933	2489	16422	49.54
16	5165	218	471	5854	615	75	4042	4253	-439	-446	10351	3848	14199	2488	16687	49.55
17	5228	236	486	5950	618	147	4052	4400	-439	-443	10672	3718	14390	2485	16875	49.80
18	5326	252	491	6069	620	211	4101	4023	-457	-384	10539	3352	13891	2421	16312	49.84
19	5381	175	490	6046	620	207	4012	4019	-362	-289	10603	3483	14086	2337	16423	49.73
20	5394	633	490	6517	622	146	3750	4001	-409	-366	10920	3682	14602	2426	17028	49.60
21	5443	611	493	6547	622	86	3765	3942	-364	-200	10997	3241	14238	2267	16505	49.57
22	5357	406	496	6259	624	110	3691	3988	-293	-133	10848	3253	14101	2146	16247	49.66
23	5339	124	501	5964	625	203	3657	3841	-295	-140	10493	3009	13502	2046	15548	49.60
24	5263	89	502	5854	625	190	3522	3509	-181	-21	10157	2468	12625	1900	14525	49.59
MUs	124.61	5.33	12.70	142.63	14.95	3.30	86.30	95.29	-5.14	-3.20	252.97	57.15	310.12	49.15	359.28	49.66

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 23/Mar/2009

Position as on 6.30 Hrs of 24/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.	
Koradi Unit 7	210	20/03/2009	14.41	23/03/2009	13.00	ESP Problem.	
Cent_Sect sipat-5	500	22/03/2009	00.47	23/03/2009	04.00	Boiler Tube Leakage	
Tata Trombay 7B	60	22/03/2009	09.04	23/03/2009	18.26	L.P.Turbine Control Valve Problem.	
Koradi Unit 4	115	22/03/2009	18.02	23/03/2009	02.42	Turbine Overs-peed.	
Uran Unit 5	108	23/03/2009	13.18		Continued.	Gas Restriction	
Nasik Unit 1	125	23/03/2009	17.10		Continued.	Boiler Tube Leakage	26/03/2009

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Mar/2009

Position as on 6.30 Hrs of 24/Mar/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Nasik-Navsari-I	23/03/2009	10.05	23/03/2009	19.18	Maintenance work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
DHULE-SAR'SAROVAR-I	22/03/2009	20.02	23/03/2009	05.45	H/T FOR O/V
Dhule-Sar'Sarovar II	23/03/2009	00.44	23/03/2009	11.47	H/T FOR O/V
Dhule-Khandwa I	23/03/2009	23.02	23/03/2009	23.10	H/T To Take line reactor in Service at Khandwa End.
DHULE-SAR'SAROVAR-I	23/03/2009	23.15	24/03/2009	04.04	H/T FOR O/V
DHULE-SAR'SAROVAR-I	24/03/2009	04.39		Continued.	H/T to Control H/V at Dhule.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Khandwa I	24/03/2009	03.55	24/03/2009	04.40	Tripped. Reactor Problem at Khandwa.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED 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
400/220KV,315MVA ICT-II at N.Koyna	23/03/2009	09.30	23/03/2009	17.30	To attend hot spot
400/220KV,315 MVA ICT-III at Padgha	23/03/2009	09.57		Continued.	L.V.Main Brk.replacement,L.V.Side On TBC.
400KV Main Bus-I at Aurangbad	23/03/2009	11.09	23/03/2009	17.20	Q.M. WORK
400/220 KV,315 MVA ICT-II at Chandrapur	23/03/2009	11.14		Continued.	L.V.Main Brk.replacement,L.V.Side On TBC.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Khaparkheda-TBC Breaker.	21/03/2009	12.00		Continued.	O/H Work
220 KV Main Bus-I at Butibori	23/03/2009	10.03	23/03/2009	15.41	For Attending Main Bus-I Isolator Problem of 50 MVA T/F & Sunvijay Ckt.
220KV Main Bus-I at Kolhapur	23/03/2009	11.24		Continued.	Jumpering Of A Bus Isolator for New Bay.
Bhenda-Waluj	23/03/2009	11.59	23/03/2009	18.17	Testing Work
Apta - Taloja	23/03/2009	12.31	23/03/2009	18.42	Carrier Prot.Testing Trial.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Koradi-Butibori	23/03/2009	09.50	23/03/2009	15.55	H/T Due to Main Bus-I Outage.
Voltage Level : 400KV			Outage Type TRIPPED		
STG IV-N.Koyna -I	23/03/2009	23.52	24/03/2009	06.20	TRIPPED ON O/V

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 24/Mar/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	70
Unit 4	105	70
Unit 5	200	150
Unit 6	210	150
Unit 7	210	150
	1040	660
Bhusawal		
Unit 1	58	25
Unit 2	210	190
Unit 3	210	180
	478	395
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	150
Unit 4	210	150
Unit 5	210	150
Unit 6	250	220
	940	710
Chandrapur		
Unit 1	210	170
Unit 2	210	160
Unit 3	210	210
Unit 4	210	205
Unit 5	500	450
Unit 6	500	450
Unit 7	500	450
	2340	2095
Paras		
Unit 2	55	45
Unit 3	250	0
	305	45
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	205
Unit 4	210	210
	840	815
Nasik		
Unit 1	120	0
Unit 2	120	95
Unit 3	210	180
Unit 4	210	180
Unit 5	210	180
	870	635
Uran		
All Units	852	500
	852	500
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	0
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	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	70
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	100
Trombay 7B	60	100
TATA Hydro	444	297
	1774	1567
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3775
	3143	3775

	17146	13662
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