



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

State Load Dispatch Center, Airoli

Daily system Report

for

22/Mar/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 22/Mar/2009 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	119.457	2615.432	1) Madhya Pradesh	74.826	1455.767
2) Hydro	4.650	320.793	2) Gujrat	20.957	404.175
3) Gas	13.901	281.693	3) Goa	-5.745	-131.238
Total MSGENCO	138.008	3217.918	4) TAPS 1&2 (Inj.)	7.285	149.276
B) OTHERS			5) Pench (Excess)	0.000	-1.821
1) RGPPL Gas	15.015	269.017	# Total Cent. Sector	97.323	1876.159
2) Wind Generation	4.322	90.859	F) Other Exchanges		
3) PENCH (MS)	0.000	1.821	1) With TPCL	2.377	-46.781
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	28.886	639.250	1) MSEDCL Bilateral	11.595	185.197
2) TPCL Hydro	1.210	67.888	Include PX	1.221	35.514
TOTAL TPCL	30.096	707.138	2) MUMBAI Bilateral	0.597	77.263
3) REL Thermal	12.636	278.879	Include PX	0.128	12.258
D) STATE			3) MUMBAI Schedule	0.597	80.413
1) Thermal (A1+C1+C3)	160.979	3533.561	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	5.860	390.502	1) MSEDCL	257.045	5410.814
3) Gas (A3+B1)	28.916	550.710	2) TPCL	30.881	700.442
4) Wind (B2)	4.322	90.859	3) REL	14.228	346.193
TOTAL STATE	200.077	4565.632	TOTAL STATE	302.154	6457.449

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4911	5081	4838
MSGENCO Hydro	217	613	135
MSGENCO Gas	612	588	562
MSGENCO Total Generation	5740	6282	5535
Central Sector Receipt	4508	4115	3738
RGPPL	627	624	629
WIND	159	112	270
Exchange with TPCL	184	-138	232
MSEDCL DEMAND MET	11218	10995	10404
Load Shedding	2358	3716	0
MSEDCL DEMAND (INCL. LS)	13576	14711	10404
TPCL GENERATION	1308	1264	1246
REL GENERATION	527	523	531
TPCL+REL DEMAND	1651	1925	1545
STATE DEMAND MET	12869	12920	11949
STATE DEMAND (INCL. LS)	15227	16636	11949
Frequency (Hz)	49.83	49.73	50.10
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4146 MW at 15:00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			74.63 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.38 Hz at 00:10 Hrs	49.4 Hz at 22:18 Hrs	49.89	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 22/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	1.66	36.28	80	47	80
Unit 3	1.41	24.55	74	0	80
Unit 4	1.31	27.81	79	0	80
Unit 5	3.76	78.76	182	138	150
Unit 6	3.58	55.19	172	102	150
Unit 7	0.00	67.62	0	0	0
	11.72	298.27			540
Bhusawal					
Unit 1	0.60	16.88	28	23	25
Unit 2	4.37	97.31	192	156	190
Unit 3	4.46	101.74	199	169	200
	9.42	215.93			415
Parli					
Unit 1	0.53	11.70	24	21	20
Unit 2	0.58	12.87	28	22	20
Unit 3	3.58	58.06	155	142	140
Unit 4	3.63	46.94	159	126	150
Unit 5	3.74	65.59	166	148	150
Unit 6	5.90	124.29	258	205	255
	17.96	319.45			735
Chandrapur					
Unit 1	3.80	80.46	169	115	160
Unit 2	3.76	87.52	162	151	160
Unit 3	4.88	108.69	211	194	210
Unit 4	1.51	79.88	193	0	0
Unit 5	10.34	184.46	469	404	450
Unit 6	10.03	194.76	458	370	450
Unit 7	10.62	218.08	458	422	450
	44.94	953.84			1880
Paras					
Unit 2	1.06	23.72	48	38	45
Unit 3	0.00	43.03	0	0	0
	1.06	66.75			45
Khaparkheda					
Unit 1	4.69	76.98	202	184	200
Unit 2	4.66	102.34	202	188	200
Unit 3	4.93	108.35	213	179	210
Unit 4	4.54	98.48	206	163	200
	18.81	386.16			810
Nasik					
Unit 1	1.83	38.23	95	49	95
Unit 2	1.48	43.71	89	0	70
Unit 3	3.96	97.47	179	158	160
Unit 4	4.34	99.90	188	165	160
Unit 5	3.92	95.72	167	161	160
	15.53	375.03			645
Uran					
All Units	13.90	281.69	632	536	525
	13.90	281.69			525
Koyna					
Stage 1-2	1.04	55.15	55	35	600
Stage 4	0.68	151.93	280	0	250
Kovna 12&4 Total	1.72	207.08			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.53	43.42	158	0	240
	2.25	250.50			1090
Hydro					
KDPH	0.54	11.91	39	0	36
VTRNA	0.00	7.59	0	0	0
TILLARI	0.47	9.52	60	0	60
BHTGR/VEER	0.96	19.04	40	40	40
BHIRA T.R.	0.13	2.89	61	0	80
RNGR+BHTSA	0.31	7.05	14	12	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	0.00	4.73	0	0	0
	2.40	70.29			230
PENCH (MS)					
Pench (MS)	0.00	1.82	0	0	0
	0.00	1.82			0
Wind					
MalharPeth	0.10	3.28			
Vankuswadi	0.28	8.24			
ATIT	0.03	1.42			
Kale	0.11	2.80			
Satara	0.12	3.45			
Shirala	0.14	3.58			
K Mahankal	0.03	0.82			
Supa	0.22	3.14			
Vita	0.92	19.62			
Dondaicha	1.24	26.82			
Sakri	0.36	4.75			
Nandurbar	0.23	3.93			
Khadakale	0.49	7.76			
Khaparale	0.04	1.24			
	4.32	90.86			
Dabhol					
RGPP L II	15.02	269.02	631	605	600
RGPP L III	0.00	0.00	0	0	0
	15.02	269.02			600
Tata					
Trombay 4	2.37	53.91	110	94	80
Trombay 5	12.12	266.62	505	505	500
Trombay 6	11.95	267.40	510	430	500
Trombay 7A	1.99	47.85	84	83	100
Trombay 7B	0.45	3.47	52	0	100
TATA Hydro	1.21	67.89	207	0	297
	30.10	707.14			1577
REL					
1&2	12.64	278.88	531	521	500
	12.64	278.88			500
Cent Sect					
Share					3524
					3524

MS PG CL	Thermal	119.46	2615.43		5070
	Thml+Gas	133.36	2897.12		5595
	Hydro	4.65	320.79		1320
	Total	138.01	3217.92		6915
State Total		200.08	4565.63		13116

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 22/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	4856	135	561	5552	630	263	3089	3538	-56	55	10038	1158	11196	1721	12917	49.96
2	4888	125	561	5574	630	247	2905	3362	63	188	10001	709	10710	1587	12297	50.06
3	4838	135	562	5535	629	270	2849	3738	113	232	10404	0	10404	1545	11949	50.10
4	4837	130	567	5534	629	280	2850	3747	113	236	10426	0	10426	1529	11955	50.05
5	4847	125	564	5536	630	300	2853	3857	113	230	10553	0	10553	1484	12037	49.83
6	4928	152	564	5644	629	304	2859	4095	113	227	10899	697	11596	1488	13084	49.74
7	4998	165	569	5732	629	207	3044	3919	63	186	10673	2412	13085	1556	14641	49.92
8	5044	135	574	5753	629	162	3360	4072	107	217	10833	2325	13158	1534	14692	49.91
9	5024	201	598	5823	631	191	3330	4541	107	209	11395	1848	13243	1467	14710	49.94
10	4970	191	632	5793	629	209	3370	4813	78	178	11622	1873	13495	1560	15055	49.94
11	4911	217	612	5740	627	159	3499	4508	78	184	11218	2358	13576	1651	15227	49.83
12	4894	308	598	5800	624	131	3650	4133	-72	32	10720	2837	13557	1759	15316	49.72
13	4913	141	586	5640	622	67	3698	4518	-72	42	10889	2844	13733	1749	15482	49.73
14	4854	131	571	5556	623	45	3754	4374	-75	42	10640	3168	13808	1748	15556	49.93
15	4943	103	570	5616	621	35	3755	4209	-78	51	10532	3223	13755	1733	15488	49.90
16	4988	93	576	5657	621	59	3702	3987	-28	110	10434	3376	13810	1698	15508	49.89
17	5006	93	583	5682	605	87	3548	4123	122	277	10774	3305	14079	1649	15728	50.07
18	5122	147	586	5855	625	123	3520	3880	10	161	10644	3133	13777	1640	15417	50.09
19	5064	192	586	5842	624	122	3511	3801	8	161	10550	3391	13941	1668	15609	49.86
20	5081	613	588	6282	624	112	3461	4115	-292	-138	10995	3716	14711	1925	16636	49.73
21	5134	591	589	6314	625	203	3380	4170	-292	-170	11142	3259	14401	1981	16382	49.75
22	5144	326	590	6060	625	201	3382	3955	-290	-154	10687	3265	13952	1967	15919	49.73
23	5122	103	578	5803	626	300	3317	4050	-294	-168	10611	3011	13622	1921	15543	49.73
24	5051	98	536	5685	628	202	3152	3818	-137	-11	10322	2519	12841	1795	14636	49.84
MUs	119.46	4.65	13.90	138.01	15.02	4.28	79.84	97.32	-0.60	2.38	257.00	54.43	311.43	40.36	351.78	49.89

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 22/Mar/2009

Position as on 6.30 Hrs of 23/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	22/03/2009	08.49	Bi-Annual overhaul work	
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.	
Koyna Unit 11	80	18/03/2009	08.00	22/03/2009	10.45	Gen.Stator Core Tightning.	
Koradi Unit 7	210	20/03/2009	14.41		Continued.	E.S.P Problem	23/03/2009
Chandrapur Unit 4	210	21/03/2009	01.30	22/03/2009	11.45	Economizer Tube leakage	
Nasik Unit 2	125	21/03/2009	05.35	22/03/2009	02:50	Boiler Tube Leakage	
Cent_Sect sipat-5	500	22/03/2009	00.47	23/03/2009	04.00	Boiler Tube Leakage	
Koradi Unit 3	105	22/03/2009	02:39	22/03/2009	05:27	Boiler Trip.	
Tata Trombay 7B	60	22/03/2009	09.04		Continued.	L.P.Turbine Control Valve Problem.	
Koradi Unit 4	115	22/03/2009	18.02	23/03/2009	02.42	Turbine Overs-peed.	23/03/2009

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Mar/2009

Position as on 6.30 Hrs of 23/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	20/03/2009	00:40	22/03/2009	06.36	H/T FOR O/V
Dhule-Sar'Sarovar II	22/03/2009	00:18	22/03/2009	10.02	H/T FOR O/V
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		Continued.	H/T FOR O/V
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
400/220 KV,600 MVA ICT-I @ Kalwa	22/03/2009	07.55	22/03/2009	19.49	CTR Fire System Installation.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Khaparkheda-TBC Breaker.	21/03/2009	12.00		Continued.	O/H Work
Arrey-Main Bus-I	21/03/2009	23.09	22/03/2009	10.49	R.M.Work.
220/100 KV ICT-3 at Borivali	22/03/2009	10.20	22/03/2009	18.08	L.A.replacement work
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
LONIKHAND-PARLY-I	20/03/2009	10.53	22/03/2009	18.23	Taken on TBC for M.B.work. At Loniland End.
C;pur-Parli CKT .I	21/03/2009	21.21	22/03/2009	13.22	Taken on TBC.At C'pur End.
Voltage Level : 220KV			Outage Type TRIPPED		
Parbhani-Parly	22/03/2009	03.37	22/03/2009	04.25	Tripped due to Bkr Problem.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 23/Mar/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	65
Unit 3	105	70
Unit 4	105	60
Unit 5	200	160
Unit 6	210	125
Unit 7	210	0
	1040	480
Bhusawal		
Unit 1	58	25
Unit 2	210	190
Unit 3	210	195
	478	410
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	150
Unit 4	210	140
Unit 5	210	130
Unit 6	250	250
	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	425
Unit 7	500	450
	2340	2070
Paras		
Unit 2	55	45
Unit 3	250	0
	305	45
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	170
Unit 4	210	210
	840	780
Nasik		
Unit 1	120	45
Unit 2	120	85
Unit 3	210	160
Unit 4	210	190
Unit 5	210	160
	870	640
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	14
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	194
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		
RGPPL II	740	600
RGPPL III	740	
	1480	600
Tata		
Trombay 4	150	100
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	0
TATA Hydro	444	297
	1774	1517
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3678
	3143	3678

	17146	13294
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