



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

State Load Dispatch Center, Airoli

Daily system Report

for

24/Mar/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 24/Mar/2009 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	127.055	2867.094	1) Madhya Pradesh	69.174	1597.064
2) Hydro	6.146	332.270	2) Gujrat	20.447	446.667
3) Gas	12.009	306.467	3) Goa	-6.128	-143.500
Total MSGENCO	145.210	3505.831	4) TAPS 1&2 (Inj.)	7.268	163.796
B) OTHERS			5) Pench (Excess)	0.000	-1.821
1) RGPPL Gas	14.956	298.924	# Total Cent. Sector	90.761	2062.206
2) Wind Generation	2.995	97.102	F) Other Exchanges		
3) PENCH (MS)	0.000	1.821	1) With TPCL	-3.286	-53.269
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	27.941	695.819	1) MSEDCL Bilateral	10.259	206.533
2) TPCL Hydro	4.846	77.285	Include PX	3.144	40.597
TOTAL TPCL	32.787	773.104	2) MUMBAI Bilateral	6.684	89.083
3) REL Thermal	12.509	304.161	Include PX	1.428	14.301
D) STATE			3) MUMBAI Schedule	6.684	92.233
1) Thermal (A1+C1+C3)	167.505	3867.074	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	10.992	411.376	1) MSEDCL	250.636	5914.436
3) Gas (A3+B1)	26.965	605.391	2) TPCL	31.850	764.696
4) Wind (B2)	2.995	97.102	3) REL	16.733	379.646
TOTAL STATE	208.457	4980.943	TOTAL STATE	299.219	7058.778

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	5399	5266	5309
MSGENCO Hydro	237	520	96
MSGENCO Gas	504	496	498
MSGENCO Total Generation	6140	6282	5903
Central Sector Receipt	3995	3928	3019
RGPPL	620	623	630
WIND	47	281	99
Exchange with TPCL	-189	-365	252
MSEDCL DEMAND MET	10613	10749	9903
Load Shedding	2956	3476	0
MSEDCL DEMAND (INCL. LS)	13569	14225	9903
TPCL GENERATION	1496	1480	1181
REL GENERATION	524	523	531
TPCL+REL DEMAND	2209	2368	1460
STATE DEMAND MET	12822	13117	11363
STATE DEMAND (INCL. LS)	15778	16593	11363
Frequency (Hz)	49.56	49.64	49.78
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3809 MW at 13.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			62.59 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.22 Hz at 21.46 Hrs	49 Hz at 05.54 Hrs	49.69	.14 % 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 24/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	1.55	39.49	76	42	70
Unit 3	1.48	27.53	75	40	70
Unit 4	1.50	30.58	75	38	70
Unit 5	3.76	86.11	174	144	150
Unit 6	3.88	62.66	195	147	150
Unit 7	3.82	72.50	180	141	150
	15.99	326.94			660
Bhusawal					
Unit 1	0.63	18.10	30	24	25
Unit 2	4.37	106.03	192	160	190
Unit 3	4.44	110.48	195	170	180
	9.44	234.61			395
Parli					
Unit 1	0.55	12.79	24	22	20
Unit 2	0.58	14.01	25	22	20
Unit 3	3.68	65.41	154	141	150
Unit 4	3.64	54.15	159	127	150
Unit 5	3.83	73.06	179	147	150
Unit 6	5.55	135.74	248	197	220
	17.82	355.16			710
Chandrapur					
Unit 1	4.06	88.49	177	168	170
Unit 2	3.76	95.05	161	153	160
Unit 3	4.96	118.66	211	172	210
Unit 4	4.88	89.62	208	195	205
Unit 5	10.80	206.42	473	406	450
Unit 6	10.33	214.84	453	396	450
Unit 7	10.54	239.27	460	408	450
	49.33	1052.34			2095
Paras					
Unit 2	1.14	25.99	50	42	45
Unit 3	0.00	43.03	0	0	0
	1.14	69.02			45
Khaparkheda					
Unit 1	4.82	86.64	208	193	200
Unit 2	4.69	111.76	203	187	200
Unit 3	4.71	117.99	211	182	205
Unit 4	4.86	108.29	208	197	210
	19.08	424.67			815
Nasik					
Unit 1	0.00	39.08	0	0	0
Unit 2	1.33	46.63	76	36	95
Unit 3	4.38	106.02	198	162	180
Unit 4	4.44	108.70	193	173	180
Unit 5	4.09	103.90	182	156	180
	14.24	404.34			635
Uran					
All Units	12.01	306.47	509	490	500
	12.01	306.47			500
Koyna					
Stage 1-2	1.52	58.06	175	40	600
Stage 4	1.37	154.49	406	0	250
Kovna 12&4 Total	2.89	212.56			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.69	44.62	160	0	320
	3.58	257.18			1170
Hydro					
KDPH		11.91	0	0	0
VTRNA		7.59	0	0	0
TILLARI	0.46	10.44	60	0	60
BHTGR/VEER	0.96	20.82	40	40	40
BHIRA T.R.	0.19	3.24	80	0	80
RNGR+BHTSA	0.40	7.83	18	15	15
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	0.56	5.70	125	0	0
	2.56	75.09			195
PENCH (MS)					
Pench (MS)	0.00	1.82	0	0	
	0.00	1.82			
Wind					
MalharPeth	0.08	3.50			
Vankuswadi	0.27	8.94			
ATIT	0.02	1.50			
Kale	0.06	2.99			
Satara	0.09	3.73			
Shirala	0.16	3.88			
K Mahankal	0.02	0.88			
Supa	0.05	3.34			
Vita	0.69	21.18			
Dondaicha	0.85	28.30			
Sakri	0.18	5.06			
Nandurbar	0.10	4.09			
Khadakale	0.39	8.42			
Khaparale	0.03	1.28			
	3.00	97.10			
Dabhol					
RGPP L II	14.96	298.92	630	611	600
RGPP L III		0.00	0	0	
	14.96	298.92			600
Tata					
Trombay 4	1.02	57.31	46	41	70
Trombay 5	12.12	290.86	505	505	500
Trombay 6	12.08	291.48	510	450	500
Trombay 7A	1.75	51.49	74	72	100
Trombay 7B	0.97	4.68	51	0	100
TATA Hydro	4.85	77.28	316	2	297
	32.79	773.10			1567
REL					
1&2	12.51	304.16	533	491	500
	12.51	304.16			500
Cent Sect					
Share					3775
					3775

MS PG CL	Thermal	127.06	2867.09		5355
	Thml+Gas	139.06	3173.56		5855
	Hydro	6.15	332.27		1365
	Total	145.21	3505.83		7220
State Total		208.46	4980.94		13662

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/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	5266	96	495	5857	626	129	3172	3036	-89	128	9776	1117	10893	1589	12482	49.61
2	5284	101	495	5880	627	106	3054	3034	29	252	9899	370	10269	1459	11728	49.76
3	5309	96	498	5903	630	99	3047	3019	29	252	9903	0	9903	1460	11363	49.78
4	5230	101	505	5836	630	79	3050	3232	29	235	10012	0	10012	1417	11429	49.88
5	5255	116	508	5879	628	87	3051	3200	29	239	10033	255	10288	1413	11701	49.70
6	5321	256	505	6082	626	85	3113	3381	29	260	10434	1858	12292	1413	13705	49.37
7	5414	165	508	6087	629	71	3251	3509	29	232	10528	2530	13058	1494	14552	49.61
8	5411	96	509	6016	630	53	3599	3460	24	195	10354	2667	13021	1633	14654	49.83
9	5399	153	509	6061	626	45	3606	3759	23	172	10663	2695	13358	1791	15149	49.86
10	5399	237	504	6140	620	47	3905	3995	-282	-189	10613	2956	13569	2209	15778	49.56
11	5291	348	496	6135	617	52	4108	3986	-503	-416	10374	2938	13312	2435	15747	49.48
12	5254	382	490	6126	615	43	4197	4208	-597	-505	10487	3203	13690	2523	16213	49.51
13	5270	647	490	6407	611	49	4200	4137	-606	-512	10692	3285	13977	2531	16508	49.64
14	5266	545	490	6301	619	38	4099	4030	-512	-384	10604	3286	13890	2412	16302	49.65
15	5280	463	496	6239	616	68	4178	3982	-559	-392	10513	3145	13658	2413	16071	49.51
16	5277	280	498	6055	616	97	4186	4057	-569	-428	10397	3109	13506	2450	15956	49.55
17	5176	253	500	5929	617	109	4160	4353	-540	-402	10606	2822	13428	2423	15851	49.64
18	5232	149	504	5885	622	161	4118	4166	-499	-318	10516	2609	13125	2339	15464	49.89
19	5271	184	496	5951	623	254	4029	4008	-403	-320	10516	2776	13292	2342	15634	49.82
20	5266	520	496	6282	623	281	3764	3928	-451	-365	10749	3476	14225	2368	16593	49.64
21	5264	587	502	6353	626	278	3656	4176	-404	-332	11101	3133	14234	2249	16483	49.83
22	5290	166	502	5958	626	277	3586	4175	-330	-268	10768	3116	13884	2158	16042	49.92
23	5238	95	503	5836	627	279	3492	4202	-334	-262	10682	2727	13409	2096	15505	49.83
24	5210	110	502	5822	626	190	3394	3844	-226	-158	10324	2073	12397	1965	14362	49.74
MUs	126.87	6.15	12.00	145.02	14.96	2.98	88.02	90.88	-6.68	-3.29	250.54	56.15	306.69	48.58	355.27	49.69

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 24/Mar/2009

Position as on 6.30 Hrs of 25/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	25/03/2009	00.56	Boiler Tube Leakage	
Dabhol 1X	290	16/03/2009	17.01		Continued.	No insurance.	
Dabhol 1A	230	16/03/2009	17.05		Continued.	No insurance.	
Uran Unit 5	108	23/03/2009	13.18	25/03/2009	00.01	Gas Restriction	
Nasik Unit 1	125	23/03/2009	17.10		Continued.	Boiler Tube Leakage	26/03/2009
Tata Trombay 7B	60	24/03/2009	19.58		Continued.	Casing temp.high.	26/03/2009
Nasik Unit 3	210	25/03/2009	05.40		Continued.	P.A. Fan Tripped.	26/03/2009

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Mar/2009

Position as on 6.30 Hrs of 25/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 -II	24/03/2009	09.20	24/03/2009	18.19	Bay Maint.works at Navsary end.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
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	24/03/2009	11.32	H/T to Control H/V at Dhule.
DHULE-SAR'SAROVAR-I	24/03/2009	22.45		Continued.	H/T FOR O/V
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,315 MVA ICT-III at Padgha	23/03/2009	09.57		Continued.	L.V.Main Brk.replacement,L.V.Side On TBC.
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.
400/220 KV,105 MVA Spare ICT-I at Karad S/S.	24/03/2009	12.56		Continued.	Attending oil leakage from neutral bushing.
400/220 KV 167 MVA Spare ICT at Lamboti	24/03/2009	13.45	24/03/2009	20.16	Tan delta Testing work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Khaparkheda-TBC Breaker.	21/03/2009	12.00		Continued.	O/H Work
220KV Main Bus-I at Kolhapur	23/03/2009	11.24		Continued.	Jumpering Of A Bus Isolator for New Bay.
220/100 KV,125 MVA ICT-III at Trombay S/S.	24/03/2009	08.40	24/03/2009	21.44	L.A.replacement work
Apta-Uran-II	24/03/2009	08.50	24/03/2009	22.31	P.T.Replacement.
125MVA ICT-1 AT KALWA	24/03/2009	09.31	24/03/2009	15.25	R.M.Work.
Jejury - Lonand	24/03/2009	10.00	24/03/2009	15.45	Line Maint.work.
Bhandara - RLY TSS - I	24/03/2009	10.40	24/03/2009	13.38	Q.M. WORK
Parly - Harangul - I	24/03/2009	11.11	24/03/2009	16.30	Q.M. WORK
220 KV Main Bus -II at Butuburi s/s.	24/03/2009	11.46	24/03/2009	14.09	Isolator Jumpering work.
220 KV Main Bus at Ogalewadi S/S.	24/03/2009	12.24	24/03/2009	16.19	R.M.Work.
Kalwa-Mahape	24/03/2009	14.35	24/03/2009	18.56	Testing Work
Voltage Level : 220KV			Outage Type HAND TRIPPED		
ABAD-BBLSWR	24/03/2009	09.50	24/03/2009	18.42	H/T to control BBLSR ICT Loading
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
Karad-New Koyna II	24/03/2009	15.54	24/03/2009	16.24	Tripped on Dist.Prot.
Voltage Level : 220KV			Outage Type TRIPPED		
Talandge - Sawantwadi	24/03/2009	17.20	24/03/2009	18.02	Tripped on Dist.Prot.
Voltage Level : 132KV			Outage Type TRIPPED		
132 KV Parbhani-I from 220 KV Parbhani s/s.	23/03/2009	22.24	24/03/2009	09.46	Tripped on Back up E/F Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 25/Mar/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	50
Unit 2	105	75
Unit 3	105	55
Unit 4	105	40
Unit 5	200	110
Unit 6	210	110
Unit 7	210	120
	1040	560
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	145
Unit 5	210	150
Unit 6	250	240
	940	725
Chandrapur		
Unit 1	210	170
Unit 2	210	155
Unit 3	210	210
Unit 4	210	200
Unit 5	500	400
Unit 6	500	450
Unit 7	500	410
	2340	1995
Paras		
Unit 2	55	45
Unit 3	250	0
	305	45
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	200
Unit 4	210	200
	840	800
Nasik		
Unit 1	120	0
Unit 2	120	75
Unit 3	210	180
Unit 4	210	180
Unit 5	210	180
	870	615
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	100
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	50
Trombay 7B	60	0
TATA Hydro	444	297
	1774	1447
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3692
	3143	3692