



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

State Load Dispatch Center, Airoli

Daily system Report

for

26/Mar/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 26/Mar/2009 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	121.600	3106.750	1) Madhya Pradesh	72.008	1746.142
2) Hydro	7.591	346.463	2) Gujrat	24.113	496.349
3) Gas	11.899	332.424	3) Goa	-7.105	-157.094
Total MSGENCO	141.090	3785.637	4) TAPS 1&2 (Inj.)	7.338	178.470
B) OTHERS			5) Pench (Excess)	-0.069	-1.890
1) RGPPL Gas	14.996	328.910	# Total Cent. Sector	96.285	2261.977
2) Wind Generation	4.959	106.723	F) Other Exchanges		
3) PENCH (MS)	0.069	1.890	1) With TPCL	-3.564	-61.089
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	28.318	751.662	1) MSEDCL Bilateral	11.505	229.410
2) TPCL Hydro	3.612	85.617	Include PX	2.372	45.731
TOTAL TPCL	31.930	837.279	2) MUMBAI Bilateral	7.057	102.730
3) REL Thermal	12.689	329.500	Include PX	2.068	17.836
D) STATE			3) MUMBAI Schedule	7.057	105.880
1) Thermal (A1+C1+C3)	162.607	4187.912	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	11.272	433.970	1) MSEDCL	253.835	6425.938
3) Gas (A3+B1)	26.895	661.334	2) TPCL	24.055	821.209
4) Wind (B2)	4.959	106.723	3) REL	16.840	413.376
TOTAL STATE	205.733	5389.939	TOTAL STATE	294.730	7660.523

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	5091	5204	4987
MSGENCO Hydro	241	380	100
MSGENCO Gas	307	649	449
MSGENCO Total Generation	5639	6233	5536
Central Sector Receipt	4114	4365	3533
RGPPL	625	624	628
WIND	355	276	176
Exchange with TPCL	-251	-300	198
MSEDCL DEMAND MET	10482	11228	10071
Load Shedding	3055	3806	0
MSEDCL DEMAND (INCL. LS)	13537	15034	10071
TPCL GENERATION	1415	1447	1175
REL GENERATION	529	523	532
TPCL+REL DEMAND	2195	2270	1509
STATE DEMAND MET	12677	13498	11580
STATE DEMAND (INCL. LS)	15732	17304	11580
Frequency (Hz)	50.02	49.73	49.92
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4066 MW at 13:00 HRS
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			73.59 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.52 Hz at 13:02 Hrs	49.23 Hz at 05:47 Hrs	49.85	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 26/Mar/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.32	9.24	45	0	70
Unit 2	0.00	40.49	0	0	0
Unit 3	1.62	30.36	92	41	60
Unit 4	1.69	33.50	88	49	70
Unit 5	3.93	93.33	175	147	160
Unit 6	0.00	64.31	0	0	0
Unit 7	3.92	79.81	176	142	140
	11.49	351.04			500
Bhusawal					
Unit 1	0.64	19.38	28	25	25
Unit 2	4.39	114.49	192	165	190
Unit 3	4.64	119.60	199	190	190
	9.67	253.48			405
Parli					
Unit 1	0.56	13.90	25	22	20
Unit 2	0.58	15.19	27	23	20
Unit 3	3.51	72.48	155	123	150
Unit 4	3.61	61.41	164	140	150
Unit 5	3.67	80.47	160	146	150
Unit 6	5.35	146.75	237	168	230
	17.28	390.20			720
Chandrapur					
Unit 1	4.05	96.62	174	160	170
Unit 2	3.83	102.72	162	150	160
Unit 3	4.74	128.15	212	157	210
Unit 4	4.86	99.34	208	194	200
Unit 5	9.98	226.42	464	364	400
Unit 6	10.27	235.13	460	400	410
Unit 7	9.75	259.28	425	365	440
	47.47	1147.66			1990
Paras					
Unit 2	1.15	28.26	49	46	45
Unit 3	0.00	43.03	0	0	0
	1.15	71.29			45
Khaparkheda					
Unit 1	4.84	96.26	208	190	200
Unit 2	4.70	120.85	199	191	200
Unit 3	4.68	127.05	212	184	200
Unit 4	4.68	117.24	211	172	170
	18.91	461.42			770
Nasik					
Unit 1	0.24	39.32	76	0	0
Unit 2	1.96	50.17	95	62	95
Unit 3	4.17	111.28	187	142	180
Unit 4	4.63	117.93	198	184	180
Unit 5	4.65	112.97	208	185	180
	15.64	431.67			635
Uran					
All Units	11.90	332.42	661	300	450
	11.90	332.42			450
Koyna					
Stage 1-2	2.09	61.46	315	40	600
Stage 4	2.11	159.23	456	0	250
Kovna 12&4 Total	4.20	220.70			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.04	46.07	160	0	320
	5.23	266.76			1170
Hydro					
KDPH	0.00	11.91	0	0	0
VTRNA	0.00	7.59	0	0	0
TILLARI	0.47	11.36	60	0	60
BHTGR/VEER	0.96	22.76	40	40	40
BHIRA T.R.	0.19	3.60	79	0	80
RNGR+BHTSA	0.40	8.62	18	15	16
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	0.34	6.30	125	0	0
	2.36	79.70			196
PENCH (MS)					
Pench (MS)	0.07	1.89	30	0	
	0.07	1.89			
Wind					
MalharPeth	0.18	3.80			
Vankuswadi	0.49	9.71			
ATIT	0.04	1.59			
Kale	0.20	3.33			
Satara	0.25	4.11			
Shirala	0.27	4.24			
K Mahankal	0.07	0.98			
Supa	0.19	3.67			
Vita	1.35	22.89			
Dondaicha	1.09	31.57			
Sakri	0.20	5.64			
Nandurbar	0.15	4.59			
Khadakale	0.44	9.22			
Khaparale	0.05	1.38			
	4.96	106.72			
Dabhol					
RGPP L II	15.00	328.91	630	617	600
RGPP L III	0.00	0.00	0	0	
	15.00	328.91			600
Tata					
Trombay 4	0.81	59.48	54	0	100
Trombay 5	12.11	315.07	505	500	500
Trombay 6	11.95	315.67	510	425	500
Trombay 7A	2.07	55.36	110	73	100
Trombay 7B	1.38	6.08	63	53	60
TATA Hydro	3.61	85.62	316	2	297
	31.93	837.28			1557
REL					
1&2	12.69	329.50	532	523	500
	12.69	329.50			500
Cent Sect					
Share					3724
					3724

MS PG CL	Thermal	121.60	3106.75		5065
	Thml+Gas	133.50	3439.17		5515
	Hydro	7.59	346.46		1366
	Total	141.09	3785.64		6881
State Total		205.73	5389.94		13262

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/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	4877	100	448	5425	625	130	3225	3534	-95	54	9768	1324	11092	1708	12800	49.69
2	4958	100	448	5506	630	159	3109	3380	23	195	9870	1256	11126	1530	12656	50.08
3	4987	100	449	5536	628	176	3103	3533	23	198	10071	0	10071	1509	11580	49.92
4	5016	95	449	5560	629	170	3104	3691	23	199	10249	0	10249	1476	11725	49.90
5	4985	95	450	5530	630	237	3102	3920	23	195	10512	373	10885	1443	12328	49.93
6	4997	129	376	5502	628	270	3096	4180	23	195	10775	1775	12550	1470	14020	49.66
7	4957	215	324	5496	630	282	3109	4046	23	196	10650	2865	13515	1522	15037	49.89
8	4960	175	303	5438	629	255	3307	3749	168	334	10405	2998	13403	1542	14945	49.96
9	5058	230	300	5588	627	277	3458	3836	15	202	10530	3020	13550	1748	15298	49.95
10	5091	241	307	5639	625	355	3872	4114	-404	-251	10482	3055	13537	2195	15732	50.02
11	5021	299	369	5689	620	325	4001	4021	-598	-430	10225	2952	13177	2466	15643	49.75
12	4949	524	376	5849	621	188	3995	4191	-598	-467	10382	3156	13538	2468	16006	49.76
13	4987	588	470	6045	617	81	3993	4332	-598	-487	10588	3221	13809	2521	16330	50.06
14	5053	695	514	6262	623	66	3992	4270	-598	-489	10732	3196	13928	2502	16430	50.13
15	5107	644	542	6293	618	68	4058	4054	-598	-489	10544	3282	13826	2462	16288	49.80
16	5111	478	610	6199	618	86	4057	4113	-598	-484	10532	3210	13742	2429	16171	49.86
17	5089	691	615	6395	620	103	4071	4321	-598	-479	10960	3010	13970	2351	16321	49.76
18	5136	840	636	6612	624	155	4059	4249	-562	-433	11207	2897	14104	2295	16399	49.92
19	5242	252	644	6138	624	232	3949	4296	-417	-305	10985	3237	14222	2184	16406	49.79
20	5204	380	649	6233	624	276	3726	4365	-417	-300	11228	3806	15034	2270	17304	49.73
21	5196	330	650	6176	625	337	3752	4238	-417	-274	11122	3534	14656	2219	16875	49.63
22	5238	195	652	6085	624	255	3652	4023	-326	-189	10813	3545	14358	2080	16438	49.60
23	5208	100	657	5965	627	219	3536	4079	-331	-180	10714	3069	13783	1979	15762	49.71
24	5177	95	661	5933	630	228	3343	3750	-223	-75	10466	2622	13088	1814	14902	49.88
MUs	121.60	7.59	11.90	141.09	15.00	4.93	86.67	96.28	-7.06	-3.56	253.81	61.40	315.21	48.18	363.40	49.85

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 26/Mar/2009

Position as on 6.30 Hrs of 27/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	30/03/2009
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
Dabhol 1X	290	16/03/2009	17.01		Continued.	No insurance.	
Dabhol 1A	230	16/03/2009	17.05		Continued.	No insurance.	
Nasik Unit 1	125	23/03/2009	17.10		Continued.	Boiler Tube Leakage	27/03/2009
Koradi Unit 6	210	25/03/2009	13.00		Continued.	Boiler Tube Leakage	29/03/2009
Koradi Unit 2	105	25/03/2009	17.51		Continued.	Fire In Wind Box	30/03/2009
Uran Unit 5	108	26/03/2009	05.35	26/03/2009	09.44	Bus Fault at Uran.	
Uran Unit 8	108	26/03/2009	05.35	26/03/2009	11.24	Bus Fault at Uran.	
Uran Unit A0	120	26/03/2009	05.35	26/03/2009	10.33	Bus Fault at Uran.	
Koradi Unit 1	105	26/03/2009	09.45		Continued.	Fire in Control Cable.	
Tata Trombay 4	150	26/03/2009	16.21		Continued.	W/dn	
Parli Unit 6	250	27/03/2009	01.57		Continued.	Boiler Tube Leakage	30/03/2009
Khaparkheda Unit 2	210	27/03/2009	03.08		Continued.	Bus Fault at Khaparkheda.	
Khaparkheda Unit 3	210	27/03/2009	03.08		Continued.	Bus Fault at Khaparkheda.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Mar/2009

Position as on 6.30 Hrs of 27/Mar/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 100 MVA ICT-II @ Kalmeshwar	25/03/2009	16.30		Continued.	Avgmentation of 100 MVA ICT By 200 MVA ICT.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar II	26/03/2009	00.50	26/03/2009	09.09	H/T FOR O/V
Dhule-Sar'Sarovar II	27/03/2009	00.20		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
400/220KV,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.
KORADY-BHSWL CKT. I	26/03/2009	04.34		Continued.	LILO at Akola.
ICT L V Breaker @ Lamboti	26/03/2009	10.06	26/03/2009	14.35	Breaker Timing,ICT on TBC.
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	26/03/2009	16.52	Outage
220 KV TBC @ Kharghar	26/03/2009	09.45		Continued.	C.T.Replacement.
C'wad-Telco	26/03/2009	10.06	26/03/2009	15.50	R.M.Work.
Apta-Bombay Dyeing	26/03/2009	11.30	26/03/2009	22.22	C.T.Replacement.
Chinchwad-Bhosari	26/03/2009	15.56	26/03/2009	17.07	CRM Testing Work.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Kandalgaon-Khargar	26/03/2009	10.37	26/03/2009	14.35	B ph Isolator Red Hot.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
BBLSR-BHUSAWAL	26/03/2009	04.20		Continued.	Due to Outage on Koradi-BSL-I
Voltage Level : 220KV			Outage Type TRIPPED		
Apta-Uran I(HOC)	26/03/2009	05.35	26/03/2009	07.30	Bus Fault at Uran
Apta-Uran-III	26/03/2009	05.35	26/03/2009	07.53	Bus Fault at Uran
220 KV Bus Coupler @ Uran	26/03/2009	05.35	26/03/2009	15.50	Bus Fault at Uran
Uran-ONGC	26/03/2009	05.35	26/03/2009	15.52	Bus Fault at Uran
URAN_HOCL	26/03/2009	05.35	26/03/2009	10.58	Bus Fault at Uran
Uran - Khargar - I	26/03/2009	05.35	26/03/2009	07.37	Bus Fault at Uran
Apta-Uran-II	26/03/2009	05.35		Continued.	Bus Fault at Uran Y ph C.T.Burst.
Kalyani-Bhigwan	26/03/2009	08.35	26/03/2009	14.00	Bird guard fixing.
Pedambe-Kharepatan	26/03/2009	12.58	26/03/2009	13.54	Distance Protection
M.B I @ Kaparkheda	27/03/2009	03.05	27/03/2009	06.26	Bus Fault.
220/6.6 KV Stn Tr - II @ K'Kheda	27/03/2009	03.08		Continued.	Bus Fault.
220 KV Bus Coupler @ K'Kheda	27/03/2009	03.08	27/03/2009	06.26	Bus Fault.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Mar/2009

Position as on 6.30 Hrs of 27/Mar/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Khaparkheda-Ambazari ckt - I	27/03/2009	03.08	27/03/2009	06.39	Bus Fault.
Khaperkheda - Wardha.	27/03/2009	03.08		Continued.	Bus Fault.
Khapakheda - Koulawada - II	27/03/2009	03.08	27/03/2009	06.26	Bus Fault.
Khaparkheda - Bhugaon	27/03/2009	03.08		Continued.	Bus Fault.
Kalmeshwar-Kaparkheda	27/03/2009	03.08		Continued.	Bus Fault.
Khaparkheda - Kanhan - II	27/03/2009	03.08		Continued.	Bus Fault.
220/6.6 KV Stn Tr - III @ K'Kheda	27/03/2009	03.08		Continued.	Bus Fault.
null					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Jejuri-Jejuri-II	26/03/2009	11.40	26/03/2009	18.17	C.T.Replacement.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 27/Mar/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	0
Unit 3	105	80
Unit 4	105	80
Unit 5	200	140
Unit 6	210	0
Unit 7	210	140
	1040	440
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	130
Unit 4	210	150
Unit 5	210	155
Unit 6	250	0
	940	475
Chandrapur		
Unit 1	210	170
Unit 2	210	160
Unit 3	210	210
Unit 4	210	210
Unit 5	500	450
Unit 6	500	450
Unit 7	500	400
	2340	2050
Paras		
Unit 2	55	45
Unit 3	250	0
	305	45
Khaparkheda		
Unit 1	210	200
Unit 2	210	0
Unit 3	210	0
Unit 4	210	200
	840	400
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	180
Unit 4	210	180
Unit 5	210	190
	870	730
Uran		
All Units	852	600
	852	600
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	18
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	198
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	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	130
Trombay 7B	60	50
TATA Hydro	444	297
	1774	1477
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3725
	3143	3725