



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

State Load Dispatch Center, Airoli

Daily system Report

for

15/Mar/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 15/Mar/2009 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	113.408	1805.290	1) Madhya Pradesh	67.356	976.061
2) Hydro	6.959	240.729	2) Gujrat	18.649	259.810
3) Gas	12.441	192.903	3) Goa	-5.433	-89.296
Total MSGENCO	132.808	2238.922	4) TAPS 1&2 (Inj.)	7.371	98.036
B) OTHERS			5) Pench (Excess)	-0.055	-1.323
1) RGPPL Gas	14.221	166.126	# Total Cent. Sector	87.888	1243.288
2) Wind Generation	3.198	55.981	F) Other Exchanges		
3) PENCH (MS)	0.055	1.323	1) With TPCL	-0.057	-26.589
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	27.906	435.274	1) MSEDCL Bilateral	9.187	122.919
2) TPCL Hydro	0.772	42.330	Include PX	1.669	28.919
TOTAL TPCL	28.678	477.604	2) MUMBAI Bilateral	1.068	47.916
3) REL Thermal	12.712	190.263	Include PX	-0.076	10.642
D) STATE			3) MUMBAI Schedule	1.068	49.716
1) Thermal (A1+C1+C3)	154.026	2430.827	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	7.786	284.382	1) MSEDCL	238.113	3680.374
3) Gas (A3+B1)	26.662	359.029	2) TPCL	27.350	470.767
4) Wind (B2)	3.198	55.981	3) REL	14.097	232.786
TOTAL STATE	191.672	3130.219	TOTAL STATE	279.560	4383.927

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	4760	4749	4690
MSGENCO Hydro	232	749	130
MSGENCO Gas	500	563	446
MSGENCO Total Generation	5492	6061	5266
Central Sector Receipt	4286	4058	3013
RGPPL	591	593	598
WIND	65	239	189
Exchange with TPCL	99	-223	67
MSEDCL DEMAND MET	10533	10752	9133
Load Shedding	2507	3561	0
MSEDCL DEMAND (INCL. LS)	13040	14313	9133
TPCL GENERATION	1225	1235	1187
REL GENERATION	530	528	531
TPCL+REL DEMAND	1656	1986	1651
STATE DEMAND MET	12189	12738	10784
STATE DEMAND (INCL. LS)	14696	16299	10784
Frequency (Hz)	49.52	49.80	49.72
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3837 MW At 20.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			63.64 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.29 Hz at 18:31 Hrs	49.19 Hz at 09:16 Hrs	49.74	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 15/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	1.47	24.16	75	38	35
Unit 3	1.24	17.81	71	38	50
Unit 4	1.38	16.29	78	23	60
Unit 5	3.21	55.39	155	92	125
Unit 6	3.45	31.83	158	127	160
Unit 7	3.66	52.99	166	125	150
	14.42	206.54			580
Bhusawal					
Unit 1	0.64	12.47	28	25	25
Unit 2	4.47	66.70	192	169	185
Unit 3	4.67	69.76	209	180	195
	9.78	148.93			405
Parli					
Unit 1	0.56	7.84	24	22	20
Unit 2	0.60	8.70	26	24	20
Unit 3	0.00	44.34	0	0	0
Unit 4	2.39	26.42	122	71	90
Unit 5	2.22	42.28	99	86	90
Unit 6	5.99	83.22	262	211	250
	11.77	212.80			470
Chandrapur					
Unit 1	4.12	61.69	177	160	170
Unit 2	3.92	61.08	165	162	160
Unit 3	5.03	74.19	219	204	210
Unit 4	4.89	54.46	211	182	210
Unit 5	7.71	117.48	386	279	350
Unit 6	8.67	126.06	402	319	350
Unit 7	9.14	149.73	440	357	375
	43.48	644.68			1825
Paras					
Unit 2	1.09	16.12	48	43	45
Unit 3	0.00	43.03	0	0	0
	1.09	59.16			45
Khaparkheda					
Unit 1	4.80	58.92	205	192	200
Unit 2	4.61	69.72	206	179	200
Unit 3	4.70	74.14	211	168	210
Unit 4	4.64	64.54	210	173	210
	18.75	267.32			820
Nasik					
Unit 1	0.00	25.58	0	0	0
Unit 2	2.07	33.16	95	81	95
Unit 3	4.00	69.54	178	161	160
Unit 4	4.02	69.48	176	161	160
Unit 5	4.02	68.10	172	164	160
	14.11	265.85			575
Uran					
All Units	12.44	192.90	571	442	625
	12.44	192.90			625
Koyna					
Stage 1-2	1.28	40.08	150	35	600
Stage 4	2.04	116.16	497	0	250
Kovna 12&4 Total	3.32	156.24			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.97	32.36	160	0	320
	4.29	188.61			1170
Hydro					
KDPH	0.91	8.63	38	37	36
VTRNA	0.00	7.59	0	0	0
TILLARI	0.47	6.24	61	0	60
BHTGR/VEER	0.96	12.36	40	40	40
BHIRA T.R.	0.00	1.86	0	0	80
RNGR+BHTSA	0.33	4.92	15	13	13
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	2.96	0	0	0
	2.67	52.12			229
PENCH (MS)					
Pench (MS)	0.06	1.32	24	0	0
	0.06	1.32			0
Wind					
MalharPeth	0.15	2.14			
Vankuswadi	0.39	5.35			
ATIT	0.04	0.88			
Kale	0.13	1.63			
Satara	0.13	2.10			
Shirala	0.16	2.16			
K Mahankal	0.01	0.58			
Supa	0.09	1.95			
Vita	0.66	13.73			
Dondaicha	0.79	14.96			
Sakri	0.18	2.58			
Nandurbar	0.11	1.91			
Khadakale	0.29	5.11			
Khaparale	0.06	0.88			
	3.20	55.98			
Dabhol					
RGPP L II	14.22	166.13	599	583	300
RGPP L III	0.00	0.00	0	0	0
	14.22	166.13			300
Tata					
Trombay 4	2.43	37.64	105	98	150
Trombay 5	12.12	181.78	505	505	500
Trombay 6	11.75	182.17	510	420	500
Trombay 7A	1.60	33.68	98	48	120
Trombay 7B	0.00	0.00	0	0	0
TATA Hydro	0.77	42.33	79	0	297
	28.68	477.60			1567
REL					
1&2	12.71	190.26	531	528	500
	12.71	190.26			500
Cent Sect					
Share					3236
					3236

MS PG CL	Thermal	113.41	1805.29		4720
	Thml+Gas	125.85	1998.19		5345
	Hydro	6.96	240.73		1399
	Total	132.81	2238.92		6744
State Total		191.67	3130.22		12347

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 15/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	4700	125	442	5267	594	427	3110	2996	-71	-16	9268	0	9268	1732	11000	49.52
2	4690	130	446	5266	598	189	3025	3013	16	67	9133	0	9133	1651	10784	49.72
3	4646	131	465	5242	599	150	3027	3171	16	70	9232	0	9232	1619	10851	49.79
4	4703	136	470	5309	596	125	2907	3170	134	200	9400	0	9400	1473	10873	49.96
5	4665	141	472	5278	597	103	2984	3390	65	123	9491	313	9804	1517	11321	49.80
6	4628	269	465	5362	597	104	3015	3391	32	85	9539	1656	11195	1570	12765	49.51
7	4665	283	457	5405	599	116	3063	3246	-18	34	9400	2488	11888	1597	13485	49.72
8	4667	138	470	5275	597	105	3157	3666	213	241	9884	2470	12354	1488	13842	49.86
9	4750	187	497	5434	595	93	3396	4232	111	146	10500	1956	12456	1592	14048	49.63
10	4760	232	500	5492	591	65	3432	4286	43	99	10533	2507	13040	1656	14696	49.52
11	4876	192	497	5565	590	50	3247	3744	-37	-2	9947	2799	12746	1789	14535	49.74
12	4843	192	496	5531	587	36	3237	3810	-82	-27	9937	2710	12647	1802	14449	49.57
13	4857	126	556	5539	583	32	3357	4107	-107	-53	10208	2830	13038	1783	14821	49.51
14	4794	126	570	5490	584	39	3356	4080	-107	-59	10134	2938	13072	1778	14850	49.62
15	4755	126	570	5451	585	50	3351	3819	-82	-28	9877	2982	12859	1745	14604	49.71
16	4672	131	571	5374	586	50	3408	3858	-57	-10	9858	3251	13109	1726	14835	49.78
17	4639	168	569	5376	588	75	3472	3837	-32	18	9894	3214	13108	1680	14788	49.82
18	4675	263	570	5508	592	146	3531	3941	-19	22	10209	2958	13167	1709	14876	50.06
19	4673	198	565	5436	591	178	3537	3946	-21	18	10193	3242	13435	1729	15164	49.91
20	4749	749	563	6061	593	239	3457	4058	-271	-223	10752	3561	14313	1986	16299	49.80
21	4780	849	560	6189	595	223	3345	3772	-223	-213	10573	3152	13725	1988	15713	49.87
22	4777	780	550	6107	595	188	3330	3651	-222	-212	10329	3138	13467	1985	15452	49.83
23	4792	714	570	6076	594	226	3301	3367	-226	-218	10045	2863	12908	1977	14885	49.74
24	4663	573	550	5786	595	172	3192	3347	-121	-119	9781	2122	11903	1875	13778	49.71
MUs	113.42	6.96	12.44	132.82	14.22	3.18	78.24	87.90	-1.07	-0.06	238.12	53.15	291.27	41.45	332.71	49.74

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 15/Mar/2009

Position as on 6.30 Hrs of 16/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 3B	230	19/11/2008	19.55	16/03/2009	01.39	W/dn	31/03/2009
Dabhol 3X	290	19/11/2008	19.58	16/03/2009	12.03	W/dn	31/03/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	30/03/2009
Tata Trombay 7B	60	21/02/2009	03:58		Continued.	Stator Winding Prob.	19/03/2009
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		Continued.	Pressure Part Leakages	17/03/2009
Nasik Unit 1	125	14/03/2009	22:25	16/03/2009	23.45	Boiler Tube Leakage	
Dabhol 3X	290	16/03/2009	12.34	16/03/2009	14.38	Trip Emergency.	
Dabhol 1X	290	16/03/2009	17.01		Continued.	No insurance.	
Dabhol 1A	230	16/03/2009	17.05		Continued.	No insurance.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Mar/2009

Position as on 6.30 Hrs of 16/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 II	11/03/2009	07.30	15/03/2009	08.33	H/T FOR O/V
DHULE-SAR'SAROVAR-I	15/03/2009	00:33	16/03/2009	09.50	H/T FOR O/V
Kolhapur-Mapusa-II	15/03/2009	22.24		Continued.	H/T FOR O/V
Dhule-Sar'Sarovar II	16/03/2009	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
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Kandalgaon-Bhira	14/03/2009	12:30		Continued.	Breaker Replacement
C'pur-Sicom-II	14/03/2009	19:09		Continued.	CT replacement.
Badnera--Rly.TSS Ckt.I	16/03/2009	09.30		Continued.	Breaker Overhauling work.
Padgha-Jambhul II	16/03/2009	10.42		Continued.	Main Brk.repl.Maint.work at Padgha line taken on TBC.
Talangade-Ichalkaranji I	16/03/2009	14.25	16/03/2009	16.15	Q.M. WORK
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Kalwa-Salshet ckt-II	15/03/2009	09.35	15/03/2009	16.40	Insulator Replacement
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Nasik-Bablsr Ckt II	16/03/2009	10.28	16/03/2009	13.40	To attend hot spot
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Ambazari-Wardha	14/03/2009	18:32		Continued.	Hand Tripped To Control Koradi ICT-II Loading.
Voltage Level : 400KV			Outage Type TRIPPED		
C'pur-Parli II	15/03/2009	19.13	16/03/2009	16.17	Tripped ,Dist.Prot.
Voltage Level : 220KV			Outage Type TRIPPED		
Nasik-Raymond	15/03/2009	18.28	15/03/2009	20.38	Tripped on Dist.Prot.
220/132 KV,200 MVA ICT at Ahamadnager	15/03/2009	20.12	16/03/2009	02.45	Tripped B/up O/c and E/F
Wardha-Rly.TSS-II	15/03/2009	22.31	16/03/2009	01.05	Tripped on O/C.
Voltage Level : 132KV			Outage Type TRIPPED		
Nanded - Narsi	15/03/2009	01:53	15/03/2009	11.03	B phase LA Burst
Parly-Gangakhed	15/03/2009	06.50	15/03/2009	06.55	Tripped ,Dist.Prot.
Nanded-Jangamwadi	15/03/2009	3:04	15/03/2009	09.10	B phase LA Burst
null					
Voltage Level : 132KV			Outage Type TRIPPED		
Deepnagar-Nimbhora	15/03/2009	10.58	15/03/2009	12.10	Tripped ,Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 16/Mar/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	60
Unit 4	105	60
Unit 5	200	140
Unit 6	210	150
Unit 7	210	150
	1040	630
Bhusawal		
Unit 1	58	25
Unit 2	210	190
Unit 3	210	200
	478	415
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	0
Unit 4	210	100
Unit 5	210	100
Unit 6	250	250
	940	490
Chandrapur		
Unit 1	210	170
Unit 2	210	160
Unit 3	210	210
Unit 4	210	205
Unit 5	500	310
Unit 6	500	400
Unit 7	500	400
	2340	1855
Paras		
Unit 2	55	45
Unit 3	250	0
	305	45
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	210
Unit 4	210	210
	840	820
Nasik		
Unit 1	120	0
Unit 2	120	95
Unit 3	210	160
Unit 4	210	170
Unit 5	210	160
	870	585
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	36
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	40
BHIRA T.R.	80	0
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	151
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	300
RGPPL III	740	
	1480	300
Tata		
Trombay 4	150	130
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	90
Trombay 7B	60	0
TATA Hydro	444	297
	1774	1517
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3435
	3143	3435

	17146	12413
--	--------------	--------------