



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

State Load Dispatch Center, Airoli

Daily system Report

for

16/Mar/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 16/Mar/2009 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	115.001	1920.291	1) Madhya Pradesh	64.949	1041.010
2) Hydro	16.261	256.990	2) Gujrat	20.280	280.090
3) Gas	12.826	205.729	3) Goa	-5.847	-95.143
Total MSGENCO	144.088	2383.010	4) TAPS 1&2 (Inj.)	7.309	105.345
B) OTHERS			5) Pench (Excess)	-0.135	-1.458
1) RGPPL Gas	13.831	179.957	# Total Cent. Sector	86.556	1329.844
2) Wind Generation	3.281	59.262	F) Other Exchanges		
3) PENCH (MS)	0.135	1.458	1) With TPCL	-4.634	-31.223
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	28.561	463.835	1) MSEDCL Bilateral	7.479	130.397
2) TPCL Hydro	4.105	46.435	Include PX	1.059	29.978
TOTAL TPCL	32.666	510.270	2) MUMBAI Bilateral	4.060	51.976
3) REL Thermal	12.664	202.927	Include PX	0.532	11.173
D) STATE			3) MUMBAI Schedule	5.410	55.126
1) Thermal (A1+C1+C3)	156.226	2587.053	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	20.501	304.883	1) MSEDCL	243.257	3923.766
3) Gas (A3+B1)	26.657	385.686	2) TPCL	33.397	504.164
4) Wind (B2)	3.281	59.262	3) REL	16.567	249.353
TOTAL STATE	206.665	3336.884	TOTAL STATE	293.221	4677.283

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4730	4945	4691
MSGENCO Hydro	888	1275	136
MSGENCO Gas	605	606	491
MSGENCO Total Generation	6223	6826	5318
Central Sector Receipt	3606	3926	3193
RGPPL	608	327	616
WIND	87	165	210
Exchange with TPCL	-458	-355	349
MSEDCL DEMAND MET	10066	10913	9686
Load Shedding	3274	3936	1074
MSEDCL DEMAND (INCL. LS)	13340	14849	10760
TPCL GENERATION	1479	1514	1181
REL GENERATION	528	527	527
TPCL+REL DEMAND	2465	2396	1359
STATE DEMAND MET	12531	13309	11045
STATE DEMAND (INCL. LS)	15805	17245	12119
Frequency (Hz)	49.50	49.66	49.86
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4459 MW at 20.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			85.356 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.24 Hz at 18.03 Hrs	49.07 Hz at 14.35 Hrs	49.62	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 16/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	1.74	25.90	80	64	70
Unit 3	1.51	19.32	74	47	60
Unit 4	1.58	17.87	77	42	60
Unit 5	3.44	58.84	170	102	140
Unit 6	3.44	35.27	154	129	150
Unit 7	3.46	56.46	160	112	150
	15.18	221.72			630
Bhusawal					
Unit 1	0.65	13.12	29	25	25
Unit 2	4.36	71.06	194	167	190
Unit 3	4.70	74.46	201	182	200
	9.70	158.64			415
Parli					
Unit 1	0.56	8.40	24	22	20
Unit 2	0.61	9.31	26	24	20
Unit 3	0.00	44.34	0	0	0
Unit 4	2.55	28.97	123	95	100
Unit 5	2.57	44.84	121	93	100
Unit 6	6.12	89.34	260	246	250
	12.40	225.20			490
Chandrapur					
Unit 1	4.10	65.78	178	160	170
Unit 2	3.73	64.81	166	100	160
Unit 3	5.02	79.20	211	205	210
Unit 4	4.91	59.37	209	190	205
Unit 5	7.00	124.48	382	234	310
Unit 6	9.60	135.65	439	358	400
Unit 7	9.17	158.90	426	342	400
	43.51	688.19			1855
Paras					
Unit 2	1.11	17.23	50	44	45
Unit 3	0.00	43.03	0	0	0
	1.11	60.26			45
Khaparkheda					
Unit 1	4.83	63.76	209	194	200
Unit 2	4.72	74.44	200	192	200
Unit 3	4.93	79.07	212	199	210
Unit 4	4.95	69.49	212	194	210
	19.44	286.76			820
Nasik					
Unit 1	0.01	25.58	8	0	0
Unit 2	1.61	34.77	77	51	95
Unit 3	4.02	73.57	178	160	160
Unit 4	4.02	73.49	176	160	170
Unit 5	4.00	72.10	178	161	160
	13.66	279.51			585
Uran					
All Units	12.83	205.73	606	469	500
	12.83	205.73			500
Koyna					
Stage 1-2	1.58	41.66	170	35	600
Stage 4	9.43	125.60	1037	0	250
Kovna 12&4 Total	11.01	167.26			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.78	35.15	240	0	320
	13.79	202.40			1170
Hydro					
KDPH	0.31	8.94	38	0	36
VTRNA	0.00	7.59	0	0	0
TILLARI	0.42	6.66	59	0	60
BHTGR/VEER	0.96	13.32	40	40	40
BHIRA T.R.	0.00	1.86	0	0	0
RNGR+BHTSA	0.32	5.24	15	13	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	0.46	3.42	125	0	0
	2.47	54.59			151
PENCH (MS)					
Pench (MS)	0.14	1.46	24	0	
	0.14	1.46			
Wind					
MalharPeth	0.13	2.27			
Vankuswadi	0.33	5.68			
ATIT	0.07	0.95			
Kale	0.08	1.71			
Satara	0.17	2.27			
Shirala	0.14	2.30			
K Mahankal	0.01	0.58			
Supa	0.10	2.05			
Vita	0.52	14.25			
Dondaicha	1.09	16.06			
Sakri	0.18	2.76			
Nandurbar	0.21	2.12			
Khadakale	0.24	5.36			
Khaparale	0.01	0.89			
	3.28	59.26			
Dabhol					
RGPP L II	13.83	179.96	803	327	300
RGPP L III	0.00	0.00	0	0	
	13.83	179.96			300
Tata					
Trombay 4	2.41	40.06	116	90	130
Trombay 5	12.12	193.90	505	505	500
Trombay 6	12.24	194.41	510	510	500
Trombay 7A	1.79	35.46	90	48	90
Trombay 7B	0.00	0.00	0	0	0
TATA Hydro	4.10	46.44	316	2	297
	32.67	510.27			1517
REL					
1&2	12.66	202.93	529	525	500
	12.66	202.93			500
Cent Sect					
Share					3435
					3435

MS PG CL	Thermal	115.00	1920.29		4840
	Thml+Gas	127.83	2126.02		5340
	Hydro	16.26	256.99		1321
	Total	144.09	2383.01		6661
State Total		206.66	3336.88		12413

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 16/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	4681	476	469	5626	595	235	2954	3005	-8	41	9502	1507	11009	1691	12700	49.80
2	4694	229	476	5399	600	207	2820	3009	127	184	9399	1507	10906	1526	12432	49.94
3	4696	131	483	5310	616	283	2718	2976	231	295	9480	1312	10792	1414	12206	49.96
4	4691	136	491	5318	616	210	2661	3193	288	349	9686	1074	10760	1359	12119	49.86
5	4679	136	528	5343	614	181	2699	3173	241	297	9608	1836	11444	1410	12854	49.64
6	4714	427	530	5671	615	259	2667	3274	275	329	10148	2231	12379	1418	13797	49.53
7	4742	349	530	5621	616	296	2946	3288	154	200	10021	2953	12974	1637	14611	49.50
8	4835	216	571	5622	615	147	3100	3484	127	165	10033	3117	13150	1717	14867	49.73
9	4787	211	574	5572	616	94	3153	3484	-26	9	9775	3402	13177	1909	15086	49.74
10	4748	657	579	5984	613	74	3505	3601	-422	-391	9881	3636	13517	2270	15787	49.49
11	4730	888	605	6223	608	87	3581	3606	-494	-458	10066	3274	13340	2465	15805	49.50
12	4727	1169	590	6486	621	89	3641	3739	-565	-535	10400	3269	13669	2575	16244	49.36
13	4763	1405	501	6669	606	83	3636	3778	-565	-541	10595	3228	13823	2585	16408	49.40
14	4797	1266	498	6561	628	46	3562	3949	-494	-472	10712	3173	13885	2500	16385	49.62
15	4754	1159	498	6411	608	43	3632	3813	-565	-543	10332	3233	13565	2563	16128	49.38
16	4807	1107	497	6411	797	54	3633	3552	-565	-543	10271	3443	13714	2539	16253	49.60
17	4805	895	499	6199	803	64	3933	3973	-517	-494	10545	3388	13933	2514	16447	49.49
18	4872	773	519	6164	331	102	3814	4085	-435	-408	10274	3356	13630	2429	16059	49.66
19	4892	825	585	6302	327	136	3766	4014	-384	-356	10443	3551	13994	2387	16381	49.75
20	4945	1275	606	6826	327	165	3435	3926	-384	-355	10913	3936	14849	2396	17245	49.66
21	4929	1307	599	6835	329	128	3430	3813	-383	-375	10754	3461	14215	2336	16551	49.73
22	4900	848	590	6338	474	121	3415	3817	-382	-378	10396	3472	13868	2190	16058	49.66
23	4904	214	519	5637	628	117	3469	4203	-386	-378	10231	3216	13447	2105	15552	49.45
24	4853	158	516	5527	628	117	3300	3821	-279	-276	9837	2668	12505	2033	14538	49.41
MUs	114.95	16.26	12.85	144.06	13.83	3.34	79.47	86.58	-5.41	-4.63	243.30	69.24	312.54	49.97	362.51	49.62

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 16/Mar/2009

Position as on 6.30 Hrs of 17/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	18/03/2009
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.	
Nasik Unit 2	125	17/03/2009	01.20	17/03/2009	02.30	Drum Level high	
Khaparkheda Unit 1	210	17/03/2009	03.50		Continued.	Boiler Tube Leakage	20/03/2009
Dabhol 3X	290	17/03/2009	08.14	17/03/2009	12.25	For Rotor Inspection.	
Dabhol 3B	230	17/03/2009	08.18	17/03/2009	11.10	For Rotor Inspection.	
Cent_Sect NTPC (K-2)	210	17/03/2009	15.06	17/03/2009	17.15	Boiler Feed Pump Problem	
Koradi Unit 3	105	17/03/2009	22.27		Continued.	Boiler Tube Leakage	20/03/2009

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/Mar/2009

Position as on 6.30 Hrs of 17/Mar/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Padgha-Tarapur CKT I	17/03/2009	13.42	17/03/2009	17.40	Repl. Of Relay Cable.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
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	17/03/2009	09.10	H/T FOR O/V
Dhule-Sar'Sarovar II	16/03/2009	00.20	17/03/2009	08.58	H/T FOR O/V
DHULE-SAR'SAROVAR-I	17/03/2009	01.12		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
Karad-Newkoyna 1	17/03/2009	09.00	17/03/2009	16.08	Outage Line Work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Kandalgaon-Bhira	14/03/2009	12:30	17/03/2009	13.10	Breaker Replacement
C'pur-Sicom-II	14/03/2009	19:09		Continued.	CT replacement.
Badnera--Rly.TSS Ckt.I	16/03/2009	09.30	17/03/2009	16.01	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
220 KV Main Bus at Peth S/S.	17/03/2009	06.47	17/03/2009	11.12	Breaker and Isolator Errection Work.
Khaparkheda-Ambazari ckt - I	17/03/2009	08.38	17/03/2009	13.55	Replacement Of Disc Insulator.
Kalwa-Mulund II	17/03/2009	09.58	17/03/2009	15.40	Relay Testing Work.
Parli-I - Harangul Ckt-II	17/03/2009	11.00	17/03/2009	20.32	LILO arrangement For M/S ICL Parli.
220 KV Main Bus at Peth S/S.	17/03/2009	14.05	17/03/2009	18.35	Breaker and Isolator Errection Work.
SPCL - IPCL	17/03/2009	14.20	17/03/2009	21.15	To attend C.T.oil Leakage
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Padgha 400/220 kv ,315 MVA ICT-III	17/03/2009	00.56	17/03/2009	03.25	For attending oil leakage LV Side 'B' Ph.Bushing.
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	16/03/2009	17.08	Hand Tripped To Control Koradi ICT-II Loading.
Ambazari-Wardha	17/03/2009	11.47		Continued.	To control Koradi ICT loading
Dondaicha - Shahada	17/03/2009	14.25	17/03/2009	19.20	Main Brk Trip Trials.
220/132 KV 200 MVA ICT-I at Harangul S/S.	17/03/2009	14.35	17/03/2009	17.20	Q.M. WORK
Pusad-Parbhani	17/03/2009	18.32		Continued.	To control Koradi ICT loading
Wardha-K'Kheda	17/03/2009	18.36		Continued.	To control Koradi ICT loading
Yavatmal-Pusad	17/03/2009	18.54	17/03/2009	21.18	To control Koradi ICT loading
Voltage Level : 400KV			Outage Type TRIPPED		
C'pur-Parli II	15/03/2009	19.13	16/03/2009	16.17	Tripped ,Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Mar/2009

Position as on 6.30 Hrs of 17/Mar/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 220KV			Outage Type TRIPPED		
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.
220/132KV 200 MVA ICT at Kawalewada.	17/03/2009	07.05	17/03/2009	07.35	Tripped On B/up O/C.and E/F.
K'gaon-Pirangut	17/03/2009	12.47	17/03/2009	13.05	Tripped On B/up O/C.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 17/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	100
Unit 6	210	100
Unit 7	210	100
	1040	510
Bhusawal		
Unit 1	58	25
Unit 2	210	185
Unit 3	210	200
	478	410
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	0
Unit 4	210	100
Unit 5	210	105
Unit 6	250	250
	940	495
Chandrapur		
Unit 1	210	170
Unit 2	210	160
Unit 3	210	210
Unit 4	210	210
Unit 5	500	380
Unit 6	500	380
Unit 7	500	380
	2340	1890
Paras		
Unit 2	55	45
Unit 3	250	0
	305	45
Khaparkheda		
Unit 1	210	0
Unit 2	210	200
Unit 3	210	210
Unit 4	210	205
	840	615
Nasik		
Unit 1	120	95
Unit 2	120	95
Unit 3	210	160
Unit 4	210	160
Unit 5	210	160
	870	670
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		
RGPL II	740	300
RGPL III	740	
	1480	300
Tata		
Trombay 4	150	140
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	60
Trombay 7B	60	0
TATA Hydro	444	297
	1774	1497
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3358
	3143	3358