



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

State Load Dispatch Center, Airoli

Daily system Report

for

10/Apr/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 10/Apr/2009 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	123.400	1254.532	1) Madhya Pradesh	60.037	619.679
2) Hydro	17.367	177.162	2) Gujrat	20.104	221.296
3) Gas	15.076	141.234	3) Goa	-5.673	-62.472
Total MSGENCO	155.843	1572.928	4) TAPS 1&2 (Inj.)	7.198	72.289
B) OTHERS			5) Pench (Excess)	-0.245	-1.102
1) RGPPL Gas	7.696	113.076	# Total Cent. Sector	81.421	849.690
2) Wind Generation	2.907	41.870	F) Other Exchanges		
3) PENCH (MS)	0.245	1.270	1) With TPCL	-3.012	-57.201
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	32.069	307.939	1) MSEDCL Bilateral	9.193	73.518
2) TPCL Hydro	1.961	39.493	Include PX	1.432	7.500
TOTAL TPCL	34.030	347.432	2) MUMBAI Bilateral	4.360	68.600
3) REL Thermal	12.703	126.592	Include PX	0.028	15.482
D) STATE			3) MUMBAI Schedule	4.360	70.000
1) Thermal (A1+C1+C3)	168.172	1689.063	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	19.573	217.925	1) MSEDCL	245.100	2522.735
3) Gas (A3+B1)	22.772	254.310	2) TPCL	33.018	352.075
4) Wind (B2)	2.907	41.870	3) REL	16.726	179.136
TOTAL STATE	213.424	2203.168	TOTAL STATE	294.844	3053.946

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	5228	5325	4858
MSGENCO Hydro	298	1509	458
MSGENCO Gas	652	625	658
MSGENCO Total Generation	6178	7459	5974
Central Sector Receipt	3324	3327	3273
RGPPL	320	323	320
WIND	296	165	90
Exchange with TPCL	-303	-173	78
MSEDCL DEMAND MET	9815	11144	9735
Load Shedding	3690	3743	1753
MSEDCL DEMAND (INCL. LS)	13505	14887	11488
TPCL GENERATION	1271	1658	1310
REL GENERATION	530	527	530
TPCL+REL DEMAND	2104	2358	1762
STATE DEMAND MET	11919	13502	11497
STATE DEMAND (INCL. LS)	15609	17245	13250
Frequency (Hz)	49.72	49.44	49.65
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4261 MW AT 20.00Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			85.36 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.29 Hz at 13.03 Hrs	48.87 Hz at 20.09 Hrs	49.64	.57 % 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 10/Apr/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.98	16.36	95	64	80
Unit 2	1.22	5.44	78	0	25
Unit 3	1.80	16.52	90	62	80
Unit 4	0.00	10.78	0	0	0
Unit 5	3.91	36.23	188	140	150
Unit 6	4.00	37.22	198	152	150
Unit 7	3.98	36.88	193	141	150
	16.89	159.43			635
Bhusawal					
Unit 1	1.24	5.50	58	40	45
Unit 2	4.08	42.00	175	160	170
Unit 3	4.10	42.64	180	165	175
	9.42	90.14			390
Parli					
Unit 1	0.57	5.68	25	23	20
Unit 2	0.60	5.92	26	23	20
Unit 3	3.13	33.18	151	117	140
Unit 4	3.52	34.46	154	141	140
Unit 5	3.12	35.21	148	116	140
Unit 6	5.50	53.62	240	213	200
	16.44	168.07			660
Chandrapur					
Unit 1	4.16	40.57	180	164	170
Unit 2	4.06	40.79	174	154	170
Unit 3	4.82	46.46	212	184	210
Unit 4	3.77	45.67	200	0	210
Unit 5	9.48	97.35	427	364	425
Unit 6	9.31	94.80	410	345	400
Unit 7	9.09	90.79	403	319	400
	44.70	456.43			1985
Paras					
Unit 2	0.16	8.72	31	0	0
Unit 3	4.80	38.02	238	122	230
	4.96	46.74			230
Khaparkheda					
Unit 1	4.43	45.51	200	171	180
Unit 2	4.31	45.01	192	161	180
Unit 3	4.40	44.92	193	180	180
Unit 4	4.40	46.11	197	180	180
	17.55	181.55			720
Nasik					
Unit 1	2.20	12.24	94	87	81
Unit 2	2.22	14.63	98	80	81
Unit 3	4.62	44.50	200	183	162
Unit 4	4.40	44.46	194	176	162
Unit 5	0.00	36.34	0	0	0
	13.44	152.17			486
Uran					
All Units	15.08	141.23	672	545	600
	15.08	141.23			600
Koyna					
Stage 1-2	3.53	37.48	345	40	600
Stage 4	7.97	82.55	1118	0	250
Koyna 12&4 Total	11.50	120.03			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.07	25.09	204	0	320
	13.57	145.12			1170
Hydro					
KDPH	0.92	5.50	39	38	36
VTRNA	0.00	0.00	0	0	0
TILLARI	0.40	4.03	60	0	60
BHTGR/VEER	0.70	6.87	29	29	30
BHIRA T.R.	0.20	2.16	80	0	80
RNGR+BHTSA	0.36	3.35	15	15	15
BHANDARDRA	0.77	5.85	32	32	30
ELDARY	0.00	0.06	0	0	0
PAITHAN	0.00	0.30	0	0	0
GHATGHAR	0.45	3.93	125	0	0
	3.79	32.04			251
PENCH (MS)					
Pench (MS)	0.24	1.27	48	0	
	0.24	1.27			
Wind					
MalharPeth	0.16	2.23			
Vankuswadi	0.33	5.08			
ATIT	0.06	0.89			
Kale	0.12	1.58			
Satara	0.15	2.10			
Shirala	0.12	1.85			
K Mahankal	0.01	0.69			
Supa	0.13	1.78			
Vita	0.43	7.02			
Dondaicha	0.66	9.61			
Sakri	0.12	2.04			
Nandurbar	0.06	1.27			
Khadakale	0.44	4.51			
Khaparale	0.12	1.22			
	2.91	41.87			
Dabhol					
RGPP L II	7.70	113.08	325	314	300
RGPP L III	0.00	0.00	0	0	
	7.70	113.08			300
Tata					
Trombay 4	0.00	6.65	0	0	0
Trombay 5	12.02	120.40	505	450	500
Trombay 6	9.79	114.29	510	150	250
Trombay 7A	2.79	23.67	121	114	60
Trombay 7B	1.60	14.68	68	65	120
Trombay 8	5.86	28.26	251	215	250
TATA Hydro	1.96	39.49	233	0	447
	34.03	347.43			1627
REL					
1&2	12.70	126.59	531	526	500
	12.70	126.59			500
Cent Sect					
Share					3113
					3113

MS PG CL	Thermal	123.40	1254.53		5106
	Thml+Gas	138.48	1395.77		5706
	Hydro	17.37	177.16		1421
	Total	155.84	1572.93		7127
State Total		213.42	2203.17		12667

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 10/Apr/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	4893	630	658	6181	320	81	2729	3383	-35	22	9987	1745	11732	1932	13664	49.67
2	4858	458	658	5974	320	90	2676	3273	19	78	9735	1753	11488	1762	13250	49.65
3	4935	416	660	6011	320	106	2641	3516	55	113	10066	1724	11790	1638	13428	49.71
4	5059	205	661	5925	320	105	2635	3670	62	117	10137	1645	11782	1542	13324	49.69
5	5110	219	664	5993	320	147	2737	4004	-35	21	10485	1816	12301	1590	13891	49.60
6	5196	464	665	6325	320	175	2743	3640	-40	19	10479	2419	12898	1614	14512	49.69
7	5285	154	672	6111	320	188	2558	3177	148	203	9999	3225	13224	1583	14807	50.01
8	5151	200	667	6018	320	247	2573	3428	77	137	10150	3250	13400	1577	14977	49.69
9	5180	268	658	6106	321	267	2996	2947	-104	-44	9597	3917	13514	1774	15288	49.66
10	5228	298	652	6178	320	296	3368	3324	-360	-303	9815	3690	13505	2104	15609	49.72
11	5179	456	644	6279	320	203	3221	3232	-360	-302	9732	3265	12997	2300	15297	49.74
12	5219	801	634	6654	314	115	3123	3201	-360	-303	9981	3323	13304	2379	15683	49.71
13	5179	858	573	6610	320	56	3063	3497	-360	-306	10177	3328	13505	2380	15885	49.65
14	5149	669	552	6370	320	34	3094	3576	-360	-307	9993	3335	13328	2331	15659	49.75
15	5085	851	545	6481	320	31	3092	3399	-360	-311	9920	3631	13551	2442	15993	49.74
16	5113	772	562	6447	319	35	3271	3441	-360	-311	9931	3632	13563	2453	16016	49.72
17	5086	594	582	6262	320	62	3401	3589	-361	-311	9922	3770	13692	2453	16145	49.75
18	5145	544	598	6287	320	94	3336	3618	-303	-253	10066	3410	13476	2340	15816	49.77
19	5250	739	622	6611	321	127	3345	3433	-267	-216	10289	3445	13734	2291	16025	49.62
20	5325	1509	625	7459	323	165	3115	3327	-223	-173	11144	3743	14887	2358	17245	49.44
21	5243	1522	631	7396	325	90	3138	3329	-223	-159	11029	3494	14523	2318	16841	49.26
22	5224	1544	631	7399	325	90	3142	3256	-224	-159	10958	3282	14240	2250	16490	49.37
23	5188	1534	631	7353	324	88	3035	3242	-196	-133	10921	2748	13669	2176	15845	49.45
24	5120	1662	631	7413	324	84	2935	2919	-194	-131	10656	2358	13014	2158	15172	49.40
MUs	123.40	17.37	15.08	155.84	7.70	2.98	71.97	81.42	-4.36	-3.01	245.17	71.95	317.12	49.74	366.86	49.64

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 10/Apr/2009

Position as on 6.30 Hrs of 11/Apr/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 NTPC (V-1)	210	08/04/2009	21.13		Continued.	Annual Overhaul	28/04/2009
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	
Dabhol 1X	290	16/03/2009	17.01		Continued.	No insurance.	
Dabhol 1A	230	16/03/2009	17.05		Continued.	No insurance.	
Cent_Sect sipat-5	500	03/04/2009	23.46		Continued.	Bearing Vibration Problem.	11/04/2009
Dabhol 2X	290	05/04/2009	22:26		Continued.	Combulsion Inspection.	20/04/2009
Dabhol 2B	230	06/04/2009	00:25		Continued.	Combulsion Inspection.	20/04/2009
Koradi Unit 4	115	07/04/2009	10.45		Continued.	CHP Belt Problem.	11/04/2009
Tata Trombay 4	150	09/04/2009	02.10		Continued.	W/dn	
Koradi Unit 2	105	09/04/2009	05.32	10/04/2009	05.47	Fire in Wind Box.	
Nasik Unit 5	210	09/04/2009	08.35	11/04/2009	01.25	Economizer Tube leakage	
Paras Unit 2	55	09/04/2009	10.42	10/04/2009	17.27	Bus fault.	
Cent_Sect NTPC(V-7)	500	09/04/2009	17.50		Continued.	Boiler Tube Leakage	12/04/2009
Chandrapur Unit 4	210	10/04/2009	06.33	10/04/2009	10.04	Furnance pressure high	
Khaparkheda Unit 3	210	11/04/2009	05.39		Continued.	Boiler Tube Leakage	14/04/2009

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Apr/2009

Position as on 6.30 Hrs of 11/Apr/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	09/04/2009	00.03	10/04/2009	23.13	H/T FOR O/V
Dhule-Khandwa I	10/04/2009	23.18	10/04/2009	23.28	For taking line reactor in service.
DHULE-SAR'SAROVAR-I	10/04/2009	23.34		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,105 MVA Spare ICT-I at Karad S/S.	24/03/2009	12.56		Continued.	Attending oil leakage from neutral bushing.
400/220 KV 300 MVA ICT-I @ Koradi	10/04/2009	08.07	10/04/2009	18.50	To attend Oil Leakage.
Dabhol-NewKoyna-II	10/04/2009	08.13	10/04/2009	18.20	Testing Work
400/220KV 315MVA ICT-III at Padgha	10/04/2009	10.05	10/04/2009	17.08	Jumpering work and Maint
Bhusawal- Aurangabad	10/04/2009	11.20	10/04/2009	18.25	Line Maintenance work.
400/132KV,200MVA ICT-I at Bhusawal	10/04/2009	12.15	10/04/2009	14.07	To attend Oil Leakage.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Bhugaon-Wardha	06/04/2009	10:42	10/04/2009	21.39	Relay Retrofitting Work.
220/100KV,100MVA ICT-IV at K'gaon	10/04/2009	09.25	10/04/2009	14.45	Earthing work
kalwa-Colourchem	10/04/2009	09.47	10/04/2009	20.00	Replacement of Aux.Bus Isolator
Chalisgaon - Malegaon	10/04/2009	09.50	10/04/2009	17.45	Bay Maintenance work.
New Parli -Beed ckt-II	10/04/2009	10.01	10/04/2009	15.30	Line Maint.work.
Padgha-Boiser	10/04/2009	10.58	10/04/2009	19.37	Q.M. WORK
C'pur-Sicom-I	10/04/2009	14.18	10/04/2009	21.39	L.A.replacement work
Bhira-Kandalgaon	10/04/2009	18.30	11/04/2009	01.25	Breaker Maintenance Work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Madgi-Kawlewada-II	10/02/2009	16.20		Continued.	C.B. replacement work.
Paras-Akot ckt.	10/04/2009	15.00	10/04/2009	18.15	P.T.Replacement.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Kalmeshwar-Saoner Ckt.	10/04/2009	13.02	10/04/2009	13.37	For Phasing out purpose

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 11/Apr/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	70
Unit 3	105	70
Unit 4	105	0
Unit 5	200	150
Unit 6	210	160
Unit 7	210	150
	1040	670
Bhusawal		
Unit 1	58	25
Unit 2	210	170
Unit 3	210	175
	478	370
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	140
Unit 4	210	140
Unit 5	210	140
Unit 6	250	240
	940	700
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	200
Unit 4	210	210
Unit 5	500	400
Unit 6	500	400
Unit 7	500	425
	2340	1975
Paras		
Unit 2	55	45
Unit 3	250	230
	305	275
Khaparkheda		
Unit 1	210	180
Unit 2	210	180
Unit 3	210	0
Unit 4	210	180
	840	540
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	180
Unit 4	210	180
Unit 5	210	160
	870	700
Uran		
All Units	852	650
	852	650
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	30
BHIRA T.R.	80	80
RNGR+BHTSA	20	16
BHANDARDRA	45	30
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	252
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	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	80
Trombay 7B	60	120
Trombay 8	250	250
TATA Hydro	444	447
	2024	1897
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3140
	3143	3140

	17396	6 of 6	13139
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