



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

State Load Dispatch Center, Airoli

Daily system Report

for

07/Apr/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 07/Apr/2009 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	126.089	881.335	1) Madhya Pradesh	59.538	428.693
2) Hydro	22.700	128.949	2) Gujrat	24.019	154.264
3) Gas	15.013	98.430	3) Goa	-6.378	-44.236
Total MSGENCO	163.802	1108.714	4) TAPS 1&2 (Inj.)	7.239	50.646
B) OTHERS			5) Pench (Excess)	-0.037	-0.600
1) RGPPL Gas	7.749	89.990	# Total Cent. Sector	84.381	588.767
2) Wind Generation	4.850	28.249	F) Other Exchanges		
3) PENCH (MS)	0.037	0.768	1) With TPCL	-6.888	-43.665
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	30.760	213.582	1) MSEDCL Bilateral	5.235	51.623
2) TPCL Hydro	3.249	29.051	Include PX	0.000	5.811
TOTAL TPCL	34.009	242.633	2) MUMBAI Bilateral	7.798	51.776
3) REL Thermal	12.658	88.535	Include PX	1.578	14.942
D) STATE			3) MUMBAI Schedule	7.798	53.776
1) Thermal (A1+C1+C3)	169.507	1183.452	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	25.986	158.768	1) MSEDCL	253.931	1773.423
3) Gas (A3+B1)	22.762	188.420	2) TPCL	35.198	247.593
4) Wind (B2)	4.850	28.249	3) REL	18.352	127.228
TOTAL STATE	223.105	1558.889	TOTAL STATE	307.481	2148.244

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	5303	5249	5267
MSGENCO Hydro	922	1327	773
MSGENCO Gas	610	616	646
MSGENCO Total Generation	6835	7192	6686
Central Sector Receipt	3654	3696	3110
RGPPL	322	324	320
WIND	81	314	254
Exchange with TPCL	-385	-375	-50
MSEDCL DEMAND MET	10507	11175	10320
Load Shedding	3497	3444	1649
MSEDCL DEMAND (INCL. LS)	14004	14619	11969
TPCL GENERATION	1583	1545	1257
REL GENERATION	524	522	531
TPCL+REL DEMAND	2492	2442	1838
STATE DEMAND MET	12999	13617	12158
STATE DEMAND (INCL. LS)	16496	17061	13807
Frequency (Hz)	49.61	49.53	49.64
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4414 MW At 09.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			87.78 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.33 Hz at 16.03 Hrs	49.07 Hz at 05.41 Hrs	49.64	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 07/Apr/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.22	11.08	68	38	50
Unit 2	1.50	2.18	79	48	65
Unit 3	1.31	11.28	79	36	45
Unit 4	0.54	10.78	60	0	50
Unit 5	3.47	24.47	168	112	155
Unit 6	3.51	25.54	173	110	155
Unit 7	3.42	25.08	162	110	155
	14.96	110.40			675
Bhusawal					
Unit 1	0.58	2.88	29	17	25
Unit 2	4.10	29.55	186	151	180
Unit 3	4.22	30.16	186	166	175
	8.90	62.59			380
Parli					
Unit 1	0.57	3.94	24	23	20
Unit 2	0.59	4.14	26	23	20
Unit 3	3.41	23.53	145	128	145
Unit 4	3.59	24.01	157	144	145
Unit 5	3.64	25.29	160	148	150
Unit 6	5.37	37.17	240	199	215
	17.18	118.07			695
Chandrapur					
Unit 1	3.88	28.30	181	152	170
Unit 2	4.03	28.63	176	154	170
Unit 3	4.73	32.05	209	170	210
Unit 4	4.74	32.45	206	177	210
Unit 5	9.72	68.79	446	377	425
Unit 6	9.18	66.69	420	337	400
Unit 7	8.75	63.48	420	298	425
	45.04	320.37			2010
Paras					
Unit 2	1.18	6.93	54	46	45
Unit 3	5.69	25.13	253	220	225
	6.87	32.07			270
Khaparkheda					
Unit 1	4.52	32.09	198	183	185
Unit 2	4.46	31.78	194	159	185
Unit 3	4.52	31.61	193	183	185
Unit 4	4.55	32.61	199	179	185
	18.04	128.09			740
Nasik					
Unit 1	1.93	5.62	96	64	65
Unit 2	0.00	11.07	0	0	0
Unit 3	4.43	31.18	190	178	173
Unit 4	4.41	31.25	188	176	180
Unit 5	4.33	30.61	187	174	182
	15.10	109.74			600
Uran					
All Units	15.01	98.43	658	572	600
	15.01	98.43			600
Koyna					
Stage 1-2	3.52	27.74	420	35	600
Stage 4	12.97	61.54	1071	0	250
Koyna 12&4 Total	16.50	89.27			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	3.26	18.71	288	0	320
	19.76	107.98			1170
Hydro					
KDPH	0.00	3.05	0	0	0
VTRNA	0.00	0.00	0	0	0
TILLARI	0.41	2.82	60	0	60
BHTGR/VEER	0.59	4.76	30	19	26
BHIRA T.R.	0.17	1.60	68	0	80
RNGR+BHTSA	0.34	2.30	15	14	13
BHANDARDRA	0.74	3.56	31	30	30
ELDARY	0.00	0.06	0	0	0
PAITHAN	0.06	0.23	11	0	0
GHATGHAR	0.64	2.60	125	0	0
	2.94	20.97			209
PENCH (MS)					
Pench (MS)	0.04	0.77	24	0	
	0.04	0.77			
Wind					
MalharPeth	0.33	1.63			
Vankuswadi	0.74	3.92			
ATIT	0.14	0.68			
Kale	0.20	1.24			
Satara	0.29	1.68			
Shirala	0.26	1.50			
K Mahankal	0.25	0.58			
Supa	0.11	1.42			
Vita	1.18	5.29			
Dondaicha	0.70	4.70			
Sakri	0.16	1.14			
Nandurbar	0.08	0.46			
Khadakale	0.31	3.29			
Khaparale	0.08	0.73			
	4.85	28.25			
Dabhol					
RGPP L II	7.75	89.99	324	320	300
RGPP L III	0.00	0.00	0	0	
	7.75	89.99			300
Tata					
Trombay 4	2.45	3.89	104	100	100
Trombay 5	12.12	84.16	505	505	500
Trombay 6	12.10	81.48	510	480	500
Trombay 7A	2.56	16.42	123	99	120
Trombay 7B	1.52	10.23	68	61	60
Trombay 8	0.00	17.40	0	0	0
TATA Hydro	3.25	29.05	388	0	444
	34.01	242.63			1724
REL					
1&2	12.66	88.54	531	521	500
	12.66	88.54			500
Cent Sect					
Share					3498
					3498

MS PG CL	Thermal	126.09	881.34		5370
	Thml+Gas	141.10	979.76		5970
	Hydro	22.70	128.95		1379
	Total	163.80	1108.71		7349
State Total		223.10	1558.89		13371

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/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	5302	1034	634	6970	323	174	3208	3259	-401	-361	10365	1671	12036	2170	14206	49.50
2	5255	722	638	6615	321	202	3021	3264	-221	-169	10233	1678	11911	1979	13890	49.58
3	5267	773	646	6686	320	254	2900	3110	-103	-50	10320	1649	11969	1838	13807	49.64
4	5269	790	650	6709	321	298	2770	3164	36	86	10578	1606	12184	1692	13876	49.69
5	5331	1017	651	6999	322	312	2770	3031	36	81	10745	1921	12666	1695	14361	49.51
6	5436	1064	652	7152	324	262	2768	3004	36	81	10823	2417	13240	1695	14935	49.47
7	5448	380	658	6486	321	273	2808	3223	-47	3	10306	3607	13913	1805	15718	49.72
8	5439	178	658	6275	323	209	2827	3038	-63	-11	9834	4033	13867	1823	15690	49.78
9	5399	190	640	6229	322	158	2865	3125	-106	-51	9783	4337	14120	1964	16084	49.69
10	5390	380	623	6393	322	127	3198	3442	-438	-383	9901	4094	13995	2263	16258	49.56
11	5303	922	610	6835	322	81	3230	3654	-438	-385	10507	3497	14004	2492	16496	49.61
12	5184	1624	574	7382	324	48	3225	3686	-438	-379	11061	3214	14275	2567	16842	49.60
13	5208	1553	572	7333	324	37	3349	3815	-528	-479	11030	3202	14232	2608	16840	49.67
14	5152	997	590	6739	324	62	3418	4208	-492	-445	10888	3302	14190	2503	16693	49.70
15	5193	1184	596	6973	323	112	3500	3940	-573	-530	10818	3405	14223	2607	16830	49.64
16	5132	1074	602	6808	324	229	3462	3858	-583	-558	10661	3593	14254	2638	16892	49.69
17	5041	742	611	6394	324	314	3434	3704	-551	-532	10204	3817	14021	2590	16611	49.87
18	5037	762	610	6409	324	223	3350	3676	-470	-454	10178	3586	13764	2491	16255	49.73
19	5117	1014	614	6745	324	219	3298	3668	-376	-353	10609	3204	13813	2371	16184	49.69
20	5249	1327	616	7192	324	314	3417	3696	-377	-375	11175	3444	14619	2442	17061	49.53
21	5311	1333	618	7262	324	313	3461	3779	-377	-356	11329	3194	14523	2425	16948	49.54
22	5317	1263	627	7207	324	248	3461	3741	-375	-351	11169	2969	14138	2348	16486	49.65
23	5251	1224	631	7106	322	213	3497	3942	-508	-492	11091	2710	13801	2306	16107	49.63
24	5249	1154	632	7035	323	170	3342	3685	-442	-425	10788	2288	13076	2243	15319	49.59
MUs	126.28	22.70	14.95	163.93	7.75	4.85	76.58	84.71	-7.80	-6.89	254.40	72.44	326.83	53.56	380.39	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 07/Apr/2009

Position as on 6.30 Hrs of 08/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
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.	10/04/2009
Tata Trombay 8	250	04/04/2009	02.25		Continued.	Boiler Tube Leakage	10/04/2009
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
Nasik Unit 2	125	06/04/2009	12:00		Continued.	I.D.Fan Problem.	08/04/2009
Koradi Unit 4	115	07/04/2009	10.45		Continued.	CHP Belt Problem.	09/04/2009
Cent_Sect NTPC(V-4)	210	07/04/2009	23.57		Continued.	Boiler Tube Leakage	10/04/2009

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Apr/2009

Position as on 6.30 Hrs of 08/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-I	06/04/2009	23:38		Continued.	H/T FOR O/V
Voltage Level : 220KV			Outage Type TRIPPED		
Tarapur-Borivali	07/04/2009	08.37	07/04/2009	19.18	Outage
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 ICT-I at Parli	07/04/2009	08.10		Continued.	Fire Protection work.
Karad-New Koyna II	07/04/2009	08.22	07/04/2009	14.39	Insulator Replacement
Padgha - Nagothane - I	07/04/2009	10.53	07/04/2009	20.09	Q.M. WORK
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Bhugaon-Wardha	06/04/2009	10:42		Continued.	Relay Retrofitting Work upto 09/04/2009.
Apta-Tambati	07/04/2009	09.00	07/04/2009	17.40	Bay Maintenance work.
100 MVA T/F-II at Tambati	07/04/2009	10.30	07/04/2009	17.55	To attend hot spot
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Madgi-Kawlewada-II	10/02/2009	16.20		Continued.	C.B. replacement work.
Voltage Level : 400KV			Outage Type TRIPPED		
spare ICT @Kalwa	07/03/2009	01.20		Continued.	Trip on PRV
600 MVA ICT I AT KALWA	31/03/2009	05.55		Continued.	Buchhloz Trip. R Ph. Unit Caught Fire.
Karad-New Koyna II	07/04/2009	14.44	07/04/2009	20.33	Y Ph Decapping.
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 kv,100 MVA ICT at Bhugaon.	05/04/2009	16:30		Continued.	Internal Fault,Oil filtration of OLTC in progress.
K'gaon-Lonand	07/04/2009	14.30	07/04/2009	14.45	Y Ph to Earth-Zone-I
220/132 Kv200 MVA ICT at Kalmeshwar	08/04/2009	00.50		Continued.	Trip. 3 Ph Master Relay Operated
132 Kv Bus at Padegaon	08/04/2009	03.35	08/04/2009	04.10	B Ph CT Burst.(Bus Bar Operated)
132 Kv Harsul-I at Padegaon	08/04/2009	03.35		Continued.	B Ph CT Burst.(Bus Bar Operated)
Voltage Level : 132KV			Outage Type TRIPPED		
Chikhali - Mehakar	04/04/2009	09.53	07/04/2009	15.25	'Y' Ph.CT Burst.
Chalishaon-Chalishaon-I	04/04/2009	20.41	07/04/2009	21.45	R phase C.T.of 132KV chalishaon ckt-I burst

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 08/Apr/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	70
Unit 3	105	75
Unit 4	105	0
Unit 5	200	150
Unit 6	210	140
Unit 7	210	140
	1040	645
Bhusawal		
Unit 1	58	25
Unit 2	210	175
Unit 3	210	180
	478	380
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	140
Unit 4	210	150
Unit 5	210	150
Unit 6	250	220
	940	700
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	210
Unit 4	210	210
Unit 5	500	425
Unit 6	500	400
Unit 7	500	425
	2340	2010
Paras		
Unit 2	55	45
Unit 3	250	225
	305	270
Khaparkheda		
Unit 1	210	185
Unit 2	210	185
Unit 3	210	185
Unit 4	210	185
	840	740
Nasik		
Unit 1	120	98
Unit 2	120	0
Unit 3	210	180
Unit 4	210	180
Unit 5	210	180
	870	638
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	26
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	30
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	209
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		
RGPPPL II	740	300
RGPPPL III	740	
	1480	300
Tata		
Trombay 4	150	120
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	0
TATA Hydro	444	444
	2024	1744
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3354
	3143	3354

	17396	13260
--	--------------	--------------