



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

State Load Dispatch Center, Airoli

Daily system Report

for

09/Apr/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 09/Apr/2009 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	123.817	1131.132	1) Madhya Pradesh	65.099	559.642
2) Hydro	17.037	159.795	2) Gujrat	22.325	201.192
3) Gas	13.201	126.158	3) Goa	-6.120	-56.799
Total MSGENCO	154.055	1417.085	4) TAPS 1&2 (Inj.)	7.189	65.091
B) OTHERS			5) Pench (Excess)	-0.182	-0.857
1) RGPPL Gas	7.692	105.380	# Total Cent. Sector	88.311	768.269
2) Wind Generation	2.797	38.963	F) Other Exchanges		
3) PENCH (MS)	0.182	1.025	1) With TPCL	-4.503	-54.189
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	31.134	275.870	1) MSEDCL Bilateral	7.115	64.325
2) TPCL Hydro	4.289	37.532	Include PX	0.248	6.068
TOTAL TPCL	35.423	313.402	2) MUMBAI Bilateral	5.550	64.240
3) REL Thermal	12.702	113.889	Include PX	0.027	15.454
D) STATE			3) MUMBAI Schedule	5.550	65.640
1) Thermal (A1+C1+C3)	167.653	1520.891	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	21.508	198.352	1) MSEDCL	248.534	2277.390
3) Gas (A3+B1)	20.893	231.538	2) TPCL	35.360	319.057
4) Wind (B2)	2.797	38.963	3) REL	17.268	162.410
TOTAL STATE	212.851	1989.744	TOTAL STATE	301.162	2758.857

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	5166	5190	5155
MSGENCO Hydro	293	1818	154
MSGENCO Gas	488	640	490
MSGENCO Total Generation	5947	7648	5799
Central Sector Receipt	3563	3348	3842
RGPPL	321	321	320
WIND	108	39	202
Exchange with TPCL	-400	-233	-26
MSEDCL DEMAND MET	9539	11142	10137
Load Shedding	3984	3690	1528
MSEDCL DEMAND (INCL. LS)	13523	14832	11665
TPCL GENERATION	1407	1718	1090
REL GENERATION	530	525	533
TPCL+REL DEMAND	2337	2476	1649
STATE DEMAND MET	11876	13618	11786
STATE DEMAND (INCL. LS)	15860	17308	13314
Frequency (Hz)	49.94	49.50	50.05
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4503 MW at 20.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			88.51 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.45 Hz at 05.10 Hrs	49.21 Hz at 19.13 Hrs	49.88	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 09/Apr/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.87	14.38	87	64	70
Unit 2	0.41	4.23	76	0	0
Unit 3	1.81	14.72	82	64	70
Unit 4	0.00	10.78	0	0	0
Unit 5	4.00	32.32	178	150	150
Unit 6	4.15	33.22	197	154	150
Unit 7	4.10	32.90	198	148	150
	16.35	142.54			590
Bhusawal					
Unit 1	0.73	4.26	55	26	25
Unit 2	4.16	37.92	178	168	175
Unit 3	4.14	38.54	180	160	180
	9.04	80.72			380
Parli					
Unit 1	0.60	5.11	27	24	20
Unit 2	0.61	5.33	27	24	20
Unit 3	3.26	30.05	146	128	135
Unit 4	3.56	30.94	165	135	135
Unit 5	3.45	32.09	152	136	135
Unit 6	5.50	48.12	246	211	220
	16.97	151.63			665
Chandrapur					
Unit 1	4.02	36.42	174	161	170
Unit 2	4.02	36.73	172	154	170
Unit 3	4.80	41.63	210	183	210
Unit 4	4.70	41.90	202	178	210
Unit 5	9.35	87.87	440	330	425
Unit 6	9.54	85.49	447	376	400
Unit 7	9.12	81.70	436	324	400
	45.56	411.73			1985
Paras					
Unit 2	0.53	8.56	51	0	45
Unit 3	3.98	33.22	228	120	130
	4.51	41.78			175
Khaparkheda					
Unit 1	4.45	41.08	190	179	180
Unit 2	4.36	40.70	186	174	180
Unit 3	4.43	40.51	189	181	180
Unit 4	4.46	41.70	191	182	180
	17.70	164.00			720
Nasik					
Unit 1	2.21	10.04	96	88	90
Unit 2	1.34	12.41	100	0	0
Unit 3	4.34	39.88	192	167	180
Unit 4	4.38	40.06	198	171	190
Unit 5	1.43	36.34	177	0	180
	13.70	138.74			640
Uran					
All Units	13.20	126.16	652	478	500
	13.20	126.16			500
Koyna					
Stage 1-2	2.73	33.95	480	40	600
Stage 4	8.43	74.58	1108	0	250
Koyna 12&4 Total	11.16	108.53			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.28	23.02	240	0	320
	13.44	131.54			1170
Hydro					
KDPH	0.92	4.58	39	38	36
VTRNA	0.00	0.00	0	0	0
TILLARI	0.40	3.63	60	0	60
BHTGR/VEER	0.70	6.17	29	29	30
BHIRA T.R.	0.19	1.96	80	0	80
RNGR+BHTSA	0.36	2.99	16	15	15
BHANDARDRA	0.77	5.08	33	32	30
ELDARY	0.00	0.06	0	0	0
PAITHAN	0.01	0.30	5	0	0
GHATGHAR	0.25	3.48	125	0	0
	3.59	28.25			251
PENCH (MS)					
Pench (MS)	0.18	1.02	47	0	
	0.18	1.02			
Wind					
MalharPeth	0.20	2.07			
Vankuswadi	0.38	4.76			
ATIT	0.03	0.83			
Kale	0.08	1.47			
Satara	0.11	1.96			
Shirala	0.09	1.73			
K Mahankal	0.02	0.68			
Supa	0.10	1.66			
Vita	0.52	6.60			
Dondaicha	0.66	8.95			
Sakri	0.15	1.91			
Nandurbar	0.13	1.20			
Khadakale	0.26	4.06			
Khaparale	0.07	1.10			
	2.80	38.96			
Dabhol					
RGPP L II	7.69	105.38	322	319	300
RGPP L III	0.00	0.00	0	0	
	7.69	105.38			300
Tata					
Trombay 4	0.15	6.65	97	0	0
Trombay 5	12.12	108.39	505	505	500
Trombay 6	11.11	104.50	510	250	500
Trombay 7A	2.16	20.87	91	90	120
Trombay 7B	1.40	13.07	61	58	60
Trombay 8	4.20	22.39	239	0	250
TATA Hydro	4.29	37.53	457	0	447
	35.42	313.40			1877
REL					
1&2	12.70	113.89	533	525	500
	12.70	113.89			500
Cent Sect					
Share					3352
					3352

MS PG CL	Thermal	123.82	1131.13		5155
	Thml+Gas	137.02	1257.29		5655
	Hydro	17.04	159.80		1421
	Total	154.06	1417.08		7076
State Total		212.85	1989.74		13105

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 09/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	5081	154	480	5715	320	272	3035	4078	-204	-176	10209	1637	11846	1972	13818	50.19
2	5158	154	488	5800	320	256	2942	3702	-114	-78	10000	1583	11583	1789	13372	49.95
3	5155	154	490	5799	320	202	2895	3842	-60	-26	10137	1528	11665	1649	13314	50.05
4	5151	154	492	5797	320	235	2895	4033	-60	-21	10364	1388	11752	1644	13396	50.18
5	5185	164	498	5847	320	235	2686	4055	162	191	10648	1629	12277	1542	13819	50.09
6	5219	197	500	5916	319	221	2696	4038	153	169	10663	2215	12878	1652	14530	50.09
7	5104	179	500	5783	320	237	2759	3463	126	145	9948	3487	13435	1728	15163	50.11
8	5215	154	500	5869	320	147	2802	3251	82	107	9694	3649	13343	1770	15113	50.10
9	5231	184	506	5921	320	114	2911	3313	-39	-7	9661	3808	13469	1962	15431	50.03
10	5166	293	488	5947	321	108	3307	3563	-434	-400	9539	3984	13523	2337	15860	49.94
11	5119	533	480	6132	321	98	3333	3589	-407	-375	9765	3380	13145	2554	15699	49.95
12	5056	853	483	6392	322	55	3328	3930	-407	-370	10329	3153	13482	2634	16116	49.88
13	5085	1085	478	6648	320	43	3325	4120	-407	-350	10781	3170	13951	2646	16597	49.92
14	5086	884	483	6453	320	35	3347	3972	-407	-352	10428	3201	13629	2536	16165	49.83
15	5073	948	553	6574	320	38	3392	3941	-498	-444	10429	3477	13906	2639	16545	49.63
16	5138	1089	628	6855	320	42	3389	3677	-498	-443	10451	3624	14075	2635	16710	49.67
17	5136	875	634	6645	320	56	3391	3460	-498	-444	10037	3895	13932	2634	16566	49.90
18	5099	677	641	6417	320	73	3488	3494	-381	-324	9980	3613	13593	2520	16113	50.00
19	5166	618	646	6430	320	55	3089	3696	-329	-273	10228	3511	13739	2434	16173	49.88
20	5190	1818	640	7648	321	39	3173	3348	-290	-233	11142	3690	14832	2476	17308	49.50
21	5335	1829	640	7804	322	43	3185	3238	-286	-225	11206	3410	14616	2391	17007	49.36
22	5359	1411	650	7420	322	48	3178	3383	-272	-211	11007	3197	14204	2257	16461	49.59
23	5195	1550	651	7396	322	49	3075	3513	-242	-182	11145	2662	13807	2127	15934	49.60
24	5120	1080	652	6852	322	78	2977	3621	-241	-181	10739	2247	12986	2105	15091	49.66
MUs	123.82	17.04	13.20	154.06	7.69	2.78	74.60	88.32	-5.55	-4.50	248.53	71.14	319.67	52.63	372.30	49.88

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 09/Apr/2009

Position as on 6.30 Hrs of 10/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.	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	09/04/2009	06:55	I.D.Fan Problem.	
Koradi Unit 4	115	07/04/2009	10.45		Continued.	CHP Belt Problem.	11/04/2009
Cent_Sect NTPC(V-4)	210	07/04/2009	23.57	09/04/2009	20.20	Boiler Tube Leakage	
Uran Unit 6	108	08/04/2009	23.48	09/04/2009	13.30	Gas Restriction	
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.	
Tata Trombay 8	250	09/04/2009	07.42	09/04/2009	10.35	Drum Level Low	
Nasik Unit 5	210	09/04/2009	08.35		Continued.	Economizer Tube leakage	11/04/2009
Paras Unit 2	55	09/04/2009	10.42		Continued.	Bus fault.	10/04/2009
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		Continued.	Furnance pressure high	10/04/2009

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 09/Apr/2009

Position as on 6.30 Hrs of 10/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		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.
315 MVA ICT-I @ Lonikand	09/04/2009	10.50	09/04/2009	18.42	CTR Fire prot.system.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Bhugaon-Wardha	06/04/2009	10:42		Continued.	Relay Retrofitting Work.
Bablsr-Ranjangaon	09/04/2009	09.04	10/04/2009	18.30	Q.M. WORK
LONIKHAND-BHOSARI	09/04/2009	09.50	09/04/2009	18.42	Q.M. WORK
Aurangabad-Chalisingaon	09/04/2009	10.42	09/04/2009	15.42	Testing Work
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Madgi-Kawlewada-II	10/02/2009	16.20		Continued.	C.B. replacement work.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220 Kv TBC at Dhule	08/04/2009	20.52		Continued.	TBC Bus Y Ph. Isolator Sparking Problem.
Borivali-Kalwa	09/04/2009	09.11	09/04/2009	12.40	To attend CT problem.
KALWA-GHATGHAR	09/04/2009	10.25	09/04/2009	15.22	To attend Isolator hot spot.
Tifil-Trombay	09/04/2009	13.30	09/04/2009	17.29	CT replacement
Voltage Level : 400KV			Outage Type HAND TRIPPED		
600 MVA ICT I AT KALWA	09/04/2009	17.08	09/04/2009	22.52	H.V.side on TBC.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
ABAD-BBLSWR	09/04/2009	13.48	09/04/2009	18.46	To control ICT loading of BBLSR.
BBLSWR-ANAGAR CKT I	09/04/2009	16.41	09/04/2009	16.54	H/T to control Dhule ICT load.
Bblswr-Anagar Ckt.II	09/04/2009	16.41	09/04/2009	16.53	H/T to control Dhule ICT load.
Tifil-Trombay	09/04/2009	22.05	09/04/2009	23.41	Testing Work
Voltage Level : 400KV			Outage Type TRIPPED		
600 MVA ICT I AT KALWA	31/03/2009	05.55	09/04/2009	12.10	Buchhloz Trip. R Ph. Unit Caught Fire.
400/220 KV 315 MVA ICT -II DHULE	09/04/2009	16.07	09/04/2009	16.23	Without Indication on Master trip relay.
400/220 KV 315 ICT-I DHULE	09/04/2009	16.09	09/04/2009	16.24	Tripped on O/C.
400/220 KV 315 MVA ICT -II DHULE	09/04/2009	16.41	09/04/2009	18.08	Tripped on master trip only.
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 Kv200 MVA ICT at Kalmeshwar	08/04/2009	23.05	09/04/2009	18.48	Tripped on OLTC Buchhloz.
C'pur-Sicom-II	09/04/2009	04.40	09/04/2009	16.05	Trip.at Sicom End only.
C'pur-Sicom-I	09/04/2009	04.40	09/04/2009	08.43	Y Ph L.A.Burst.
BBLSWR-ANAGAR CKT I	09/04/2009	16.09	09/04/2009	16.24	Tripped on load triming scheme.
Bblswr-Anagar Ckt.II	09/04/2009	16.09	09/04/2009	16.22	Tripped on load triming scheme.
Voltage Level : 132KV			Outage Type TRIPPED		
Kalmeshwar-Saoner Ckt.	08/04/2009	18.52	09/04/2009	14.27	Tripped on Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Apr/2009

Position as on 6.30 Hrs of 10/Apr/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Paras-Akot ckt.	09/04/2009	10.42	09/04/2009	20.15	Tripped 'Y Ph. C.C.&'R Ph.P.T. Burst.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 10/Apr/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	80
Unit 2	105	25
Unit 3	105	80
Unit 4	105	0
Unit 5	200	150
Unit 6	210	150
Unit 7	210	150
	1040	635
Bhusawal		
Unit 1	58	45
Unit 2	210	170
Unit 3	210	175
	478	390
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	140
Unit 4	210	140
Unit 5	210	140
Unit 6	250	200
	940	660
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	400
	2340	1985
Paras		
Unit 2	55	0
Unit 3	250	230
	305	230
Khaparkheda		
Unit 1	210	180
Unit 2	210	180
Unit 3	210	180
Unit 4	210	180
	840	720
Nasik		
Unit 1	120	81
Unit 2	120	81
Unit 3	210	162
Unit 4	210	162
Unit 5	210	0
	870	486
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	36
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	30
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	30
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	251
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	250
Trombay 7A	120	60
Trombay 7B	60	120
Trombay 8	250	250
TATA Hydro	444	447
	2024	1627
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3113
	3143	3113