



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

State Load Dispatch Center, Airoli

Daily system Report

for

03/Apr/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 03/Apr/2012 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	123.412	379.772	1) Gujrat	3.193	9.250
2) Hydro	11.603	27.449	2) Madhya Pradesh	22.110	68.849
3) Gas	15.059	43.934	3) Chattisgarh	10.130	31.730
Total MSGENCO	150.074	451.155	4) Maharashtra	52.613	157.247
B) OTHERS			5) Goa	-6.503	-19.897
1) JSW JAIGAD	27.631	80.573	6) TAPS 1&2 Injection	7.762	23.207
2) WPCL	9.259	26.961	7) RGPPL Injection	29.279	87.344
3) Other CPP / IPP	11.641	32.655	8) Pench (Excess)	-0.394	-1.149
4) Wind Generation	5.629	11.673	# Total Cent. Sector	118.190	356.581
5) PENCH (MS)	0.394	1.149	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-16.725	-37.117
1) TPCL Thermal	25.940	81.300	G) Bilateral Power *		
2) TPCL Hydro	4.838	9.509	1) MSEDCL Bilateral	38.890	119.075
TOTAL TPCL	30.778	90.809	Include PX	0.000	0.000
3) REL Thermal	12.578	37.728	2) MUMBAI Bilateral	14.149	38.477
D) STATE			Include PX	2.035	4.579
1) Thermal (A1+C1+C3)	161.930	498.800	3) MUMBAI Schedule	14.149	38.477
2) Hydro (A2+B5+C2)	16.835	38.107	H) ENERGY CATERED (MUs)		
3) Gas (A3)	15.059	43.934	1) MSEDCL	306.093	923.630
4) Wind (B4)	5.629	11.673	2) TPCL	40.065	110.208
5) CPP (B1+B2+B3)	48.531	140.189	3) REL	20.016	55.446
TOTAL STATE	247.984	732.703	TOTAL STATE	366.174	1089.284

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	5022	5071	5241
MSGENCO Hydro	1277	493	137
MSGENCO Gas	586	628	636
MSGENCO Total Generation	6885	6192	6014
Central Sector Receipt	5371	5127	4475
WIND	54	216	390
CPP / IPP	2033	2038	1902
Exchange with Mumbai	-922	-665	-651
MSEDCL DEMAND MET	13446	12918	12130
Load Shedding	1783	1917	413
MSEDCL DEMAND	15229	14835	12543
TPCL GENERATION	1582	1800	619
R-INFRA GENERATION	525	522	525
TPCL+R-INFRA DEMAND	3029	2987	1795
STATE DEMAND MET	16475	15905	13925
STATE DEMAND	18258	17822	14338
Frequency (Hz)	49.69	49.72	49.80

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.38 Hz at 18.02 Hrs	49.17 Hz at 14.20 Hrs	49.72	.1 % of Time(min)

* 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 03/Apr/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.26	9.84	150	117	130
Unit 6	3.72	11.46	175	130	140
Unit 7	3.35	11.17	155	120	140
Total	10.32	32.47			410
Bhusawal					
Unit 2	3.92	12.18	175	150	180
Unit 3	4.28	12.85	185	160	190
Unit 4	2.51	3.69	169	77	
Total	10.70	28.72			370
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	3.13	10.25	137	123	130
Unit 5	2.97	9.45	135	115	120
Unit 6	3.77	12.22	183	133	150
Unit 7	3.58	11.38	199	114	140
Total	13.45	43.29			540
Chandrapur					
Unit 1	0.00	0.00	0	0	0
Unit 2	3.92	11.73	167	158	170
Unit 3	4.36	13.40	196	142	190
Unit 4	4.52	13.81	200	156	210
Unit 5	10.84	32.62	465	420	475
Unit 6	10.58	32.03	455	420	450
Unit 7	10.05	30.16	448	398	425
Total	44.28	133.77			1920
Paras					
Unit 3	5.32	15.66	255	170	250
Unit 4	5.05	15.70	254	150	250
Total	10.37	31.36			500
Khaparkheda					
Unit 1	4.33	13.78	195	160	170
Unit 2	4.18	12.46	190	151	170
Unit 3	0.31	5.24	118	0	0
Unit 4	4.35	13.18	201	165	170
Unit 5	7.72	23.17	380	110	
Total	20.88	67.84			510
Nasik					
Unit 3	4.62	14.16	215	160	190
Unit 4	4.34	14.22	210	150	180
Unit 5	4.44	13.95	202	168	175
Total	13.41	42.33			545
Uran					
All Units	15.06	43.93	652	586	620
Total	15.06	43.93			620
PENCH (MS)					
Pench (MS)	0.39	1.15	51	0	
Total	0.39	1.15			
Koyna					
Stage 1-2	2.51	6.19	390	40	600
Stage 4	3.43	4.55	511	0	250
Stage 3	0.96	2.50	160	0	320
Total	6.90	13.24			1170
Kovna 12&4 Total	5.94	10.74			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.70	1.73	37	18	18
VTRNA	0.46	2.01	61	0	60
TILLARI	0.36	1.10	60	0	60
BHTGR/VEER	0.09	0.27	4	3	3
BHIRA T.R.	0.18	0.45	55	0	80
RNGR+BHTSA	0.32	0.95	14	13	13
BHANDARDRA	0.76	2.20	32	31	30
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.66	2.41	28	27	0
GHATGHAR	1.17	3.09	190	0	0
Total	4.71	14.21			264
Wind					
MalharPeth	0.21	0.60			
Vankuswadi	0.44	1.12			
ATIT	0.06	0.65			
Kale	0.13	0.36			
Satara	0.25	0.98			
Shirala	0.11	0.34			
K Mahankal	0.57	0.82			
Supa	0.26	0.46			
Vita	0.48	1.15			
Dondaicha	1.91	3.12			
Sakri	0.46	0.70			
Nandurbar	0.39	0.54			
Khandke	0.26	0.58			
Khaparale	0.09	0.25			
Total	5.63	11.67			
CPP					
JSW JAIGAD	27.63	80.57	1217	1058	1045
WARDHA	9.26	26.96	401	332	400
Other CPPs	11.64	32.66			
Total	48.53	140.19			1445
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	6.39	28.30	503	0	0
Trombay 6	8.98	21.68	503	181	500
Trombay 7A	2.96	8.91	125	120	120
Trombay 7B	1.65	4.95	69	68	60
Trombay 8	5.97	17.46	252	245	250
TATA Hydro	4.84	9.51	452	0	447
Total	30.78	90.81			1377
REL					
1&2	12.58	37.73	526	522	500
Total	12.58	37.73			500
Cent Sect					
Share					4941
Total					4941

MS PG CL	Thermal	123.41	379.77		4795
	Thml+Gas	138.47	423.71		5415
	Hydro	11.60	27.45		1434
	Total	150.07	451.16		6849
State Total		247.98	732.70		15112

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/Apr/2012

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	LOAD SHEDDI NG	MSEDCL DEMAND WITH LS	TPCL + R -INFRA DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	4999	167	636	5802	483	1932	4655	5023	-608	-656	12584	182	12766	2213	14979	49.57
2	5103	167	636	5906	463	1906	4534	4588	-495	-668	12195	333	12528	2019	14547	49.65
3	5196	142	636	5974	434	1940	4529	4708	-486	-726	12330	400	12730	1873	14603	49.71
4	5241	137	636	6014	390	1902	4535	4475	-486	-651	12130	413	12543	1795	14338	49.80
5	5262	145	630	6037	374	1966	4522	4573	-481	-626	12324	422	12746	1772	14518	49.65
6	5187	253	633	6073	402	2020	4485	4780	-469	-702	12573	593	13166	1856	15022	49.65
7	5170	168	652	5990	262	2032	4521	4955	-478	-774	12465	1404	13869	1933	15802	49.85
8	5174	144	648	5966	137	2018	4535	5039	-470	-760	12400	1553	13953	2024	15977	49.94
9	5192	479	635	6306	196	2025	4530	4661	-461	-860	12328	1583	13911	2308	16219	49.81
10	5207	786	625	6618	64	2020	4562	4853	-505	-1001	12571	1925	14496	2688	17184	49.85
11	5036	1330	615	6981	55	2033	4650	4837	-633	-1021	12910	1970	14880	2958	17838	49.75
12	5022	1277	586	6885	54	2033	5042	5371	-742	-922	13446	1783	15229	3029	18258	49.69
13	5011	951	601	6563	45	2041	5050	5386	-757	-868	13193	1908	15101	3022	18123	49.67
14	5012	853	610	6475	60	2012	5003	5374	-684	-714	13232	1650	14882	2962	17844	49.67
15	4979	953	615	6547	95	2038	5110	5344	-675	-679	13370	1549	14919	3005	17924	49.63
16	5042	950	620	6612	149	2045	5129	5261	-688	-652	13440	1771	15211	3008	18219	49.66
17	5071	493	628	6192	216	2038	4704	5127	-699	-665	12918	1917	14835	2987	17822	49.72
18	5088	246	635	5969	221	2004	4637	4405	-595	-558	12041	1062	13103	2892	15995	49.98
19	5205	275	623	6103	237	2038	4659	4550	-539	-487	12451	598	13049	2791	15840	49.86
20	5134	420	633	6187	288	2082	4822	5139	-628	-525	13204	505	13709	2814	16523	49.65
21	5216	389	630	6235	246	2106	4808	4927	-618	-518	13046	448	13494	2698	16192	49.77
22	5300	231	632	6163	241	2108	4819	4866	-619	-539	12889	324	13213	2584	15797	49.69
23	5284	235	632	6151	254	2097	4768	5108	-672	-582	13079	271	13350	2484	15834	49.54
24	5280	412	632	6324	263	2095	4842	4841	-661	-571	12974	216	13190	2366	15556	49.62
MUs	123.41	11.60	15.06	150.07	5.63	48.53	113.45	118.19	-14.15	-16.72	306.09	24.78	330.87	60.08	390.95	49.72

NOTE : ALL VALUES IN MW

Mumbai Sch./Net Exch is shown with reference to MSETCL System. (+) indicates Mum. to MSETCL and (-) indicates MSETCL to Mum. Mumbai Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 03/Apr/2012

Position as on 6.30 Hrs of 04/Apr/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Chandrapur Unit 1	210	11/03/2012	08.48		Continued.	Annual Overhaul	07/04/2012
Cent_Sect NTPC(V-2)	210	01/04/2012	00:01		Continued.	AOH.	30/04/2012
FORCED OUTAGE							
Tata Trombay 4	150	14/02/2012	00.08		Continued.	Withdrawn/Cold Standby	
Cent_Sect TARAPUR-3	540	15/03/2012	22.13		Continued.	Primary coolant pump fail.	
Parli Unit 3	210	23/03/2012	23.57		Continued.	Coal shortage.	
Bhusawal Unit 5	500	30/03/2012	04.34		Continued.	Hand Tripped	
Dabhol 1A	230	30/03/2012	23.29		Continued.	Gas Shortage	
Dabhol 1X	290	31/03/2012	19:43		Continued.	Maintenance work.	
Dabhol 1B	230	31/03/2012	19:45		Continued.	Maintenance work.	
Khaparkheda Unit 3	210	02/04/2012	04:03	03/04/2012	20.23	Boiler Tube Leakage.	
Khaparkheda Unit 5	500	02/04/2012	20.07	03/04/2012	00.13	Cooling Gas Temperature High	
Tata Trombay 5	500	03/04/2012	02.00	03/04/2012	10.38	Hot Spot on Gen.T/F Neutral Bushing	
Koradi Unit 6	210	04/04/2012	05.50		Continued.	Air Heater 'B' Decoupled	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Apr/2012

Position as on 6.30 Hrs of 04/Apr/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule - S'Sarovar- II	01/04/2012	14:37		Continued.	Over Voltage.
Kolhapur - Mapusa - I	03/04/2012	05.24	03/04/2012	09.38	Over Voltage
Kolhapur-Mapusa-II	03/04/2012	18.16	03/04/2012	22.50	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Solapur - Solapur (PG)	02/04/2012	17.56	03/04/2012	11.17	Distance Protection
Voltage Level : 220KV			Outage Type TRIPPED		
Mudshingi-Chikodi	02/04/2012	17.35		Continued.	Bus Bar Prot.Operated
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV,500MVA ICT-II at Deepnagar.	10/01/2012	10.30		Continued.	Connection of L V Side Jumpers of ICT -I & II Span Stringing & Testing Work.
Kalwa - Padgha - I	28/03/2012	11.22		Continued.	Taken on TBC(up to 13.04.2012)
50MVAR Line Reactor of Koradi - BSL at Koradi	31/03/2012	13.55		Continued.	Oil Filtration work
Karad-Jaigad II	02/04/2012	09.41	03/04/2012	08.39	R Phase P.T.Oil Leakage(Line ready for charging from 16.14Hrs)
Padgha - Nagothane - I	03/04/2012	08.44	03/04/2012	18.42	Q.M.Work.
New Koyna - Jaigad - II	03/04/2012	10.00	03/04/2012	14.05	Cold Line Insulator Washing.
Newkoyna - Jaigad - I	03/04/2012	15.15	03/04/2012	17.32	Cold Line Insulator Washing.
Padgha - Nagothane- II	03/04/2012	20.05		Continued.	Repl.of Damaged C-Bus(R Ph) IPS to Isolator Connecting Clamp.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 150 MVA ICT @ Bhandara	28/12/2011	13.57		Continued.	Replacement of ICT by 200MVA
Uran-Kharghar-II	15/02/2012	07.42		Continued.	Mumbai system strengthening work
Khargar-Topworth	15/02/2012	07.47		Continued.	Mumbai system strengthening work
Kharghar-TSS	18/02/2012	08.52		Continued.	Temporary Reconfigured as Uran-TSS at 20.30Hrs Dt.18/2/12
Uran - Kharghar - I	19/02/2012	07.50		Continued.	Mumbai System Strengthening Work.
Kalwa - Borivali	11/03/2012	12.00		Continued.	Tower Erection and Stringing work
Nivali-Pawas	03/04/2012	09.46	03/04/2012	17.26	Cold Washing of Insulator.
Bale-Murud	03/04/2012	09.57	03/04/2012	13.57	Q.M.Work.
Bale-Osmanbad	03/04/2012	10.03	03/04/2012	16.10	Q.M.Work.
Pedambe - Tambati	03/04/2012	10.20	03/04/2012	18.35	Replacement of Damaged Suspension Clamp.
Vita-Mhaisal	03/04/2012	11.35	03/04/2012	13.36	Q.M.Work.
Borivali - Tata - V	03/04/2012	23.41	04/04/2012	01.12	Attending Hot Spot @ Metering C T.
Bhosari - Chakan	04/04/2012	00.00	04/04/2012	03.27	Replacement of Bus Isolator of Chakan Line.
Bhosari-Telco	04/04/2012	00.08	04/04/2012	03.29	Replacement of Bus Isolator.
Kalwa-Trombay	04/04/2012	04.01	04/04/2012	05.13	For Passing of Heighted Consignment of Godrej & Boy Mfg. Co.Ltd.
Trombay-Mulund	04/04/2012	04.02	04/04/2012	05.15	For Passing of Heighted Consignment of Godrej & Boy Mfg. Co.Ltd.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220KV 315MVA ICT-I	03/04/2012	20.20	03/04/2012	20.43	Due to Sparking on R Ph PG Isolator.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Apr/2012

Position as on 6.30 Hrs of 04/Apr/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
at Kharghar					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Aurangabad-Deepnagar-II	16/02/2012	16.56		Continued.	Over Voltage.
Tie CB of A'Bad - II at Akola	02/04/2012	16.34		Continued.	Testing work due to imbalance currents in Bus Bar Relay
Bhusawal- Aurangabad	02/04/2012	17.05	03/04/2012	07.58	Over Voltage
Bhusawal- Aurangabad	03/04/2012	17.14		Continued.	Over Voltage.
Karad - Kolhapur - I	03/04/2012	17.44		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Talangade-Mudshingi-II	02/04/2012	22.36	03/04/2012	03.52	Hot Spot(Taken on TBC)
Voltage Level : 400KV			Outage Type TRIPPED		
Lonikand- Koyna Stage IV	02/04/2012	15.56	03/04/2012	06.20	Distance Protection(Ready for charging 03.15Hrs/03-04-2012)
400/220KV 315 MVA ICT-I @ Talangade	02/04/2012	22.59	03/04/2012	00.40	Bus Bar Prot.operated
Bus Coupler @ 400 KV Kolhapur	02/04/2012	22.59	03/04/2012	00.30	Bus Bar Prot.operated
Voltage Level : 220KV			Outage Type TRIPPED		
Mudshingi - Talangade - I	02/04/2012	17.35	03/04/2012	11.39	Bus Bar Prot.Operated
Main Bus - I @ Talangade	02/04/2012	22.59	03/04/2012	00.30	Bus Bar Prot.operated
Talangade-Ichalkaranji I	02/04/2012	22.59	03/04/2012	00.55	Bus Bar Prot.operated
Talangade - Sawantwadi	02/04/2012	22.59	03/04/2012	00.36	Bus Bar Prot.operated
220/132 KV 100MVA T/F II at Ogalewadi	03/04/2012	18.02		Continued.	Differential Protection
220/132KV,200MVA T/F At Ogalewadi	03/04/2012	18.02	04/04/2012	02.40	Differential Protection
Karad-Pedambe	03/04/2012	18.34	03/04/2012	21.05	Dist.Prot.
Voltage Level : 110KV			Outage Type TRIPPED		
Ogalewadi - Tembu	03/04/2012	18.02	04/04/2012	04.04	R Phase LA Burst

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 04/Apr/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	130
Unit 6	210	0
Unit 7	210	165
	620	295
Bhusawal		
Unit 2	210	180
Unit 3	210	190
Unit 4	500	
	920	370
Parli		
Unit 3	210	0
Unit 4	210	130
Unit 5	210	130
Unit 6	250	160
Unit 7	250	155
	1130	575
Chandrapur		
Unit 1	210	0
Unit 2	210	165
Unit 3	210	190
Unit 4	210	170
Unit 5	500	460
Unit 6	500	450
Unit 7	500	450
	2340	1885
Paras		
Unit 3	250	190
Unit 4	250	190
	500	380
Khaparkheda		
Unit 1	210	210
Unit 2	210	180
Unit 3	210	200
Unit 4	210	210
Unit 5	500	
	1340	800
Nasik		
Unit 3	210	210
Unit 4	210	210
Unit 5	210	200
	630	620
Uran		
All Units	852	620
	852	620
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	36
VTRNA	60	60
TILLARI	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
BHTGR/VEER	21	4
BHIRA T.R.	80	80
RNGR+BHTSA	20	11
BHANDARDRA	45	18
ELDARY	23	0
SMLHY PTN	12	15
GHATGHAR	250	0
	611	284
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	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	600	1045
WARDHA	405	427
Other CPPs	0	
	1005	1472
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	4852
	3455	4852

	17900	7 of 7 15700
--	--------------	---------------------