



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

State Load Dispatch Center, Airoli

Daily system Report

for

18/Apr/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 18/Apr/2012 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	120.496	2207.836	1) Gujrat	9.266	98.805
2) Hydro	17.807	179.476	2) Madhya Pradesh	19.684	397.707
3) Gas	15.075	265.225	3) Chattisgarh	10.340	195.890
Total MSGENCO	153.378	2652.537	4) Maharashtra	61.744	1053.619
B) OTHERS			5) Goa	-6.934	-121.093
1) JSW JAIGAD	19.678	459.457	6) TAPS 1&2 Injection	7.709	138.830
2) WPCL	10.031	164.620	7) RGPPL Injection	29.055	522.166
3) Other CPP / IPP	9.871	188.526	8) Pench (Excess)	-0.128	-5.318
4) Wind Generation	8.570	136.348	# Total Cent. Sector	130.736	2280.606
5) PENCH (MS)	0.128	5.318	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-11.849	-226.422
1) TPCL Thermal	30.237	504.918	G) Bilateral Power *		
2) TPCL Hydro	4.678	59.295	1) MSEDCL Bilateral	41.531	704.173
TOTAL TPCL	34.915	564.213	Include PX	1.568	6.379
3) REL Thermal	12.557	226.363	2) MUMBAI Bilateral	16.441	249.858
D) STATE			Include PX	4.586	40.671
1) Thermal (A1+C1+C3)	163.290	2939.117	3) MUMBAI Schedule	16.441	249.858
2) Hydro (A2+B5+C2)	22.613	244.089	H) ENERGY CATERED (MUs)		
3) Gas (A3)	15.075	265.225	1) MSEDCL	320.543	5660.990
4) Wind (B4)	8.570	136.348	2) TPCL	38.362	666.139
5) CPP (B1+B2+B3)	39.580	812.603	3) REL	20.956	350.536
TOTAL STATE	249.128	4397.382	TOTAL STATE	379.861	6677.665

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	5128	4864	4830
MSGENCO Hydro	630	1560	624
MSGENCO Gas	623	616	642
MSGENCO Total Generation	6381	7040	6096
Central Sector Receipt	6569	5036	5018
WIND	101	315	494
CPP / IPP	1741	1755	1525
Exchange with Mumbai	-713	-513	-392
MSEDCL DEMAND MET	14079	13633	12743
Load Shedding	1093	996	323
MSEDCL DEMAND	15172	14629	13066
TPCL GENERATION	1728	1878	929
R-INFRA GENERATION	525	522	524
TPCL+R-INFRA DEMAND	2966	2913	1845
STATE DEMAND MET	17045	16546	14588
STATE DEMAND	18138	17542	14911
Frequency (Hz)	49.81	49.74	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.26 Hz at 06.04 Hrs	49.08 Hz at 19.12 Hrs	49.78	.38 % 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 18/Apr/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.34	59.89	151	126	140
Unit 6	0.00	57.45	0	0	0
Unit 7	4.04	62.08	180	150	150
Total	7.38	179.42			290
Bhusawal					
Unit 2	4.03	58.32	190	150	180
Unit 3	0.73	56.24	165	0	0
Unit 4	0.00	23.15	0	0	
Total	4.76	137.71			180
Parli					
Unit 3	0.00	11.69	0	0	0
Unit 4	4.25	66.42	186	166	180
Unit 5	4.26	21.36	185	172	170
Unit 6	3.95	73.48	180	149	180
Unit 7	3.90	68.87	185	152	160
Total	16.36	241.82			690
Chandrapur					
Unit 1	0.00	0.00	0	0	0
Unit 2	3.83	69.30	168	152	165
Unit 3	4.62	80.00	199	180	195
Unit 4	4.02	80.38	198	135	200
Unit 5	11.09	194.44	475	450	460
Unit 6	10.62	185.42	450	425	450
Unit 7	10.07	184.82	440	362	440
Total	44.26	794.36			1910
Paras					
Unit 3	2.92	85.07	242	0	150
Unit 4	6.02	100.17	257	243	250
Total	8.94	185.23			400
Khaparkheda					
Unit 1	4.91	85.94	210	190	210
Unit 2	4.37	66.83	193	170	200
Unit 3	5.22	65.59	224	202	210
Unit 4	5.30	86.53	224	215	210
Unit 5	4.94	108.86	288	167	
Total	24.74	413.74			830
Nasik					
Unit 3	5.12	88.99	220	210	210
Unit 4	4.69	84.48	204	180	210
Unit 5	4.24	82.08	186	166	200
Total	14.05	255.55			620
Uran					
All Units	15.08	265.22	654	616	620
Total	15.08	265.22			620
PENCH (MS)					
Pench (MS)	0.13	5.32	50	0	
Total	0.13	5.32			
Koyna					
Stage 1-2	6.98	50.80	510	40	600
Stage 4	5.08	30.02	773	0	250
Stage 3	2.27	18.47	230	0	320
Total	14.32	99.30			1170
Kovna 12&4 Total	12.06	80.82			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.45	7.24	19	18	0
VTRNA	0.96	14.74	61	0	61
TILLARI	0.27	6.08	60	0	60
BHTGR/VEER	0.40	4.63	17	16	17
BHIRA T.R.	0.21	2.86	59	0	80
RNGR+BHTSA	0.29	5.46	13	12	0
BHANDARDRA	0.00	8.50	0	0	0
ELDARY	0.24	2.64	11	9	0
SMLHY PTN	0.61	12.81	32	22	20
GHATGHAR	0.06	15.20	61	0	0
Total	3.48	80.18			238
Wind					
MalharPeth	0.32	5.22			
Vankuswadi	0.49	8.64			
ATIT	0.09	1.93			
Kale	0.22	3.28			
Satara	0.33	10.90			
Shirala	0.17	3.03			
K Mahankal	1.05	6.48			
Supa	0.15	2.56			
Vita	1.01	10.39			
Dondaicha	3.36	58.69			
Sakri	0.42	8.70			
Nandurbar	0.32	5.98			
Khandke	0.33	4.95			
Khaparale	0.32	5.60			
Total	8.57	136.35			
CPP					
JSW JAIGAD	19.68	459.46	905	600	814
WARDHA	10.03	164.62	440	346	363
Other CPPs	9.87	188.53			
Total	39.58	812.60			1177
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.66	194.57	515	324	500
Trombay 6	7.96	121.75	492	156	500
Trombay 7A	2.94	52.87	126	119	120
Trombay 7B	1.63	29.40	69	67	60
Trombay 8	6.05	106.32	253	250	250
TATA Hydro	4.68	59.30	439	0	447
Total	34.92	564.21			1877
REL					
1&2	12.56	226.36	525	518	500
Total	12.56	226.36			500
Cent Sect					
Share					5391
Total					5391

MS PG CL	Thermal	120.50	2207.84			4920
	Thml+Gas	135.57	2473.06			5540
	Hydro	17.81	179.48			1408
	Total	153.38	2652.54			6948
State Total		249.13	4397.38			15893

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	4765	1057	642	6464	510	1627	5263	5582	-770	-633	13600	182	13782	2276	16058	49.79
2	4796	806	638	6240	535	1556	5135	5078	-638	-446	13013	288	13301	2061	15362	49.73
3	4817	782	638	6237	548	1528	4969	4839	-548	-448	12730	313	13043	1939	14982	49.88
4	4830	624	642	6096	494	1525	4903	5018	-475	-392	12743	323	13066	1845	14911	49.91
5	4865	334	640	5839	455	1537	4879	5353	-452	-357	12827	330	13157	1803	14960	49.76
6	4937	855	654	6446	588	1623	4798	4862	-452	-260	13259	481	13740	1826	15566	49.72
7	5088	790	650	6528	394	1582	4804	4558	-456	-226	12836	1031	13867	1851	15718	49.89
8	5189	458	644	6291	291	1648	4797	4994	-456	-221	13003	1043	14046	1921	15967	50.02
9	5174	187	630	5991	243	1698	4861	5624	-453	-371	13185	1029	14214	2189	16403	50.02
10	5206	255	619	6080	209	1720	5009	6255	-618	-629	13635	960	14595	2572	17167	49.89
11	5174	475	622	6271	104	1749	5308	6444	-719	-719	13849	1043	14892	2885	17777	49.82
12	5128	630	623	6381	101	1741	5471	6569	-864	-713	14079	1093	15172	2966	18138	49.81
13	5086	723	620	6429	72	1726	5511	6369	-892	-635	13961	1102	15063	2971	18034	49.77
14	5053	1041	619	6713	98	1758	5400	6051	-805	-628	13992	1055	15047	2952	17999	49.77
15	5052	1185	619	6856	169	1772	5531	5801	-884	-596	14002	932	14934	2966	17900	49.75
16	5065	1163	623	6851	229	1766	5518	5948	-874	-567	14227	944	15171	2969	18140	49.71
17	4864	1560	616	7040	315	1755	5176	5036	-854	-513	13633	996	14629	2913	17542	49.74
18	4919	681	616	6216	385	1703	5093	4639	-751	-459	12484	913	13397	2794	16191	49.89
19	5101	494	622	6217	435	1679	5129	4592	-686	-400	12523	730	13253	2672	15925	49.73
20	5162	674	627	6463	470	1668	5334	5446	-751	-463	13584	682	14266	2746	17012	49.73
21	5141	537	617	6295	486	1654	5298	5476	-731	-441	13470	604	14074	2666	16740	49.62
22	5030	717	617	6364	552	1673	5299	5346	-737	-503	13432	443	13875	2554	16429	49.62
23	4994	714	617	6325	473	1466	5204	5505	-768	-596	13173	398	13571	2513	16084	49.61
24	5060	1065	620	6745	414	1426	5106	5346	-807	-633	13298	299	13597	2471	16068	49.51
MUs	120.50	17.81	15.08	153.38	8.57	39.58	123.80	130.73	-16.44	-11.85	320.54	17.21	337.75	59.32	397.07	49.78

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 18/Apr/2012

Position as on 6.30 Hrs of 19/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	24/04/2012
Cent_Sect NTPC(V-2)	210	01/04/2012	00:01		Continued.	AOH.	30/04/2012
Cent_Sect NTPC(K-6)	500	09/04/2012	00.09		Continued.	Annual Overhaul	
FORCED OUTAGE							
Tata Trombay 4	150	14/02/2012	00.08		Continued.	Withdrawn/Cold Standby	
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.	
Parli Unit 3	210	09/04/2012	00.10		Continued.	PA Fan Tripped	
Cent_Sect Gandhar U3	144	09/04/2012	21.03		Continued.	Less Schedule.	
Bhusawal Unit 4	500	12/04/2012	10.34		Continued.	Class A Protection trip,low furnace pressure.	
Bhusawal Unit 3	210	15/04/2012	02.18	18/04/2012	12.28	ID fan problem.	
Paras Unit 3	250	15/04/2012	16:16	18/04/2012	05.10	Boiler Tube Liakage.	
CPP JSW (J) U1	300	16/04/2012	00:01		Continued.	P A Fan Problem.	19/04/2012
Koradi Unit 6	210	17/04/2012	22.18		Continued.	Boiler Tube Leakage.	21/04/2012
Koyna Unit 11	80	18/04/2012	08.30		Continued.	For bearing inspection.	
Paras Unit 3	250	18/04/2012	16.02	18/04/2012	18.13	Drum level high.	
Bhusawal Unit 3	210	18/04/2012	20.28	18/04/2012	23.09	Tripped,AC Supply Fail.	
CPP JSW (J) U4	300	18/04/2012	22.27		Continued.	GTCB Tripped.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Apr/2012

Position as on 6.30 Hrs of 19/Apr/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Tarapur - Borivali	18/04/2012	08.17	18/04/2012	19.32	Annual Maintenance work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - II	18/04/2012	03.02		Continued.	Over Voltage.
Kolhapur - Mapusa - I	18/04/2012	22.06		Continued.	Over Voltage.
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-II and one Span Stringing & Testing Work.
50 MVAR Line Reactor on 400 KV Parly Ckt.-III at Chandrapur	22/03/2012	11.00		Continued.	High tan delta value of bushing.
50 MVAR line Reactor of Chandrapur-Parly-I at Chandrapur	16/04/2012	16.50		Continued.	Filtration work.
400/220KV 315MVA ICT-III at Karad.	17/04/2012	15.14	19/04/2012	01.00	Changing of Bay and Stringing work
400 KV Tie Breaker @ Lamboti	18/04/2012	10.58	18/04/2012	18.53	DCRM Testing.
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 strengthing work
Khargar-Topworth	15/02/2012	07.47		Continued.	Mumbai system strengthing 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.
Aurangabad-Chitegaon-II	11/04/2012	11.30		Continued.	Breaker overhal.
220/132 KV 100 MVA ICT II at Girvali	14/04/2012	12:05		Continued.	Augumentation by 200 MVA ICT.
Bale-Lamboti II	18/04/2012	08.25	18/04/2012	18.28	Repl.of conductor.
Apta-Uran-IV	18/04/2012	10.25	18/04/2012	17.53	Testing work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Deepnagar-Aurangabad-I	11/04/2012	16.03		Continued.	Over Voltage.
Bhusawal- Aurangabad	17/04/2012	17.40	18/04/2012	07.40	Over Voltage.
Bhusawal- Aurangabad	18/04/2012	17.41		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Padgha-Temghar I	16/04/2012	10.36		Continued.	To Control Padghe ICT Loading.
Padgha - Temghar - II	16/04/2012	10.36		Continued.	To Control Padghe ICT Loading.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 500 MVA ICT-I @ Deepnagar	18/04/2012	21.54	18/04/2012	22.48	Oil Temp.High Indication.
Karad-Jaigad I	18/04/2012	22.27	19/04/2012	06.58	Dist.Protection.
Voltage Level : 220KV			Outage Type TRIPPED		
Chandrapur - Warora	18/04/2012	13.11	18/04/2012	15.52	Dist.prot,B-Ph.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 19/Apr/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	135
Unit 6	210	0
Unit 7	210	145
	620	280
Bhusawal		
Unit 2	210	161
Unit 3	210	161
Unit 4	500	
	920	322
Parli		
Unit 3	210	0
Unit 4	210	170
Unit 5	210	180
Unit 6	250	180
Unit 7	250	170
	1130	700
Chandrapur		
Unit 1	210	0
Unit 2	210	142
Unit 3	210	170
Unit 4	210	143
Unit 5	500	414
Unit 6	500	414
Unit 7	500	414
	2340	1697
Paras		
Unit 3	250	250
Unit 4	250	250
	500	500
Khaparkheda		
Unit 1	210	210
Unit 2	210	200
Unit 3	210	210
Unit 4	210	210
Unit 5	500	
	1340	830
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	240
	1920	1090
Hydro		
KDPH	40	18
VTRNA	60	60
TILLARI	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
BHTGR/VEER	21	15
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	19
GHATGHAR	250	0
	611	267
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	764
WARDHA	405	425
Other CPPs	0	
	1005	1189
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	5337
	3455	5337

	17900	15829
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