



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

State Load Dispatch Center, Airoli

Daily system Report

for

02/May/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 02/May/2012 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	117.584	238.642	1) Gujrat	-1.732	-0.428
2) Hydro	16.109	20.639	2) Madhya Pradesh	16.485	34.822
3) Gas	11.271	22.379	3) Chattisgarh	10.940	21.650
Total MSGENCO	144.964	281.660	4) Maharashtra	63.093	119.652
B) OTHERS			5) Goa	-6.336	-12.735
1) JSW JAIGAD	28.014	54.578	6) TAPS 1&2 Injection	7.765	15.555
2) WPCL	7.196	15.363	7) RGPPL Injection	24.081	50.313
3) Other CPP / IPP	9.976	19.913	8) Pench (Excess)	-0.173	-0.298
4) Wind Generation	12.890	24.251	# Total Cent. Sector	114.123	228.531
5) PENCH (MS)	0.173	0.298	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-13.756	-27.532
1) TPCL Thermal	27.432	49.848	G) Bilateral Power *		
2) TPCL Hydro	4.922	6.006	1) MSEDCL Bilateral	43.700	85.632
TOTAL TPCL	32.354	55.854	Include PX	0.000	0.000
3) REL Thermal	12.544	25.073	2) MUMBAI Bilateral	13.149	24.439
D) STATE			Include PX	3.166	4.317
1) Thermal (A1+C1+C3)	157.560	313.563	3) MUMBAI Schedule	13.149	24.439
2) Hydro (A2+B5+C2)	21.204	26.943	H) ENERGY CATERED (MUs)		
3) Gas (A3)	11.271	22.379	1) MSEDCL	303.580	597.062
4) Wind (B4)	12.890	24.251	2) TPCL	38.922	71.586
5) CPP (B1+B2+B3)	45.186	89.854	3) REL	19.729	36.870
TOTAL STATE	248.111	476.990	TOTAL STATE	362.231	705.518

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	4808	5018	4834
MSGENCO Hydro	1541	1291	110
MSGENCO Gas	465	472	466
MSGENCO Total Generation	6814	6781	5410
Central Sector Receipt	5135	4726	4223
WIND	379	524	489
CPP / IPP	1930	1772	1860
Exchange with Mumbai	-786	-670	-393
MSEDCL DEMAND MET	13472	13133	11589
Load Shedding	890	735	221
MSEDCL DEMAND	14362	13868	11810
TPCL GENERATION	1627	1741	845
R-INFRA GENERATION	523	523	523
TPCL+R-INFRA DEMAND	2936	2934	1761
STATE DEMAND MET	16408	16067	13350
STATE DEMAND	17298	16802	13571
Frequency (Hz)	49.69	49.63	49.86

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06.04 Hrs	49.16 Hz at 22.08 Hrs	49.74	.39 % 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 02/May/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.52	7.00	157	134	140
Unit 6	1.79	2.73	154	0	0
Unit 7	3.57	7.62	190	90	150
Total	8.88	17.34			290
Bhusawal					
Unit 2	3.50	6.53	170	120	115
Unit 3	3.78	7.32	180	135	150
Unit 4	3.45	6.03	171	129	
Total	10.74	19.88			265
Parli					
Unit 3	4.77	9.41	212	169	210
Unit 4	3.29	6.74	175	110	150
Unit 5	4.18	8.33	192	129	170
Unit 6	1.39	2.58	180	0	0
Unit 7	0.00	0.00	0	0	0
Total	13.63	27.07			530
Chandrapur					
Unit 1	3.78	7.44	165	144	160
Unit 2	3.72	7.60	168	148	165
Unit 3	4.51	8.99	195	177	190
Unit 4	3.36	7.05	162	120	160
Unit 5	10.74	21.84	475	410	475
Unit 6	10.39	21.02	450	415	450
Unit 7	9.97	20.60	442	354	450
Total	46.48	94.55			2050
Paras					
Unit 3	0.00	4.08	0	0	0
Unit 4	0.00	0.59	0	0	0
Total	0.00	4.67			0
Khaparkheda					
Unit 1	4.28	8.60	190	165	190
Unit 2	4.31	8.55	185	166	190
Unit 3	4.40	8.78	188	180	190
Unit 4	4.33	8.72	184	175	190
Unit 5	6.20	12.53	281	236	250
Total	23.52	47.18			1010
Nasik					
Unit 3	5.12	9.85	220	190	210
Unit 4	4.79	9.29	209	192	210
Unit 5	4.44	8.82	196	170	200
Total	14.35	27.96			620
Uran					
All Units	11.27	22.38	479	463	450
Total	11.27	22.38			450
PENCH (MS)					
Pench (MS)	0.17	0.30	26	0	
Total	0.17	0.30			
Koyna					
Stage 1-2	4.26	5.77	410	40	530
Stage 4	5.34	5.34	822	0	250
Stage 3	1.86	1.98	240	0	320
Total	11.47	13.10			1100
Kovna 12&4 Total	9.61	11.12			780

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.43	0.86	18	17	18
VTRNA	0.81	1.66	61	0	60
TILLARI	0.05	0.11	50	0	0
BHTGR/VEER	0.23	0.50	10	9	15
BHIRA T.R.	0.15	0.26	48	0	40
RNGR+BHTSA	0.28	0.56	12	11	15
BHANDARDRA	0.16	0.16	23	0	0
ELDARY	0.20	0.25	10	4	0
SMLHY PTN	0.40	0.79	23	13	12
GHATGHAR	1.93	2.38	250	0	0
Total	4.64	7.54			160
Wind					
MalharPeth	0.48	1.22			
Vankuswadi	0.83	1.79			
ATIT	0.08	0.20			
Kale	0.27	0.62			
Satara	0.27	1.29			
Shirala	0.22	0.56			
K Mahankal	0.98	1.42			
Supa	0.16	0.34			
Vita	0.92	2.01			
Dondaicha	6.20	10.10			
Sakri	0.80	1.39			
Nandurbar	0.60	0.98			
Khandke	0.60	1.39			
Khaparale	0.49	0.95			
Total	12.89	24.25			
CPP					
JSW JAIGAD	28.01	54.58	1198	1101	1085
WARDHA	7.20	15.36	443	97	370
Other CPPs	9.98	19.91			
Total	45.19	89.85			1455
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.78	19.33	510	285	500
Trombay 6	6.43	10.19	447	155	500
Trombay 7A	2.76	5.66	125	70	120
Trombay 7B	1.58	3.20	69	53	60
Trombay 8	5.88	11.48	252	198	250
TATA Hydro	4.92	6.01	410	0	447
Total	32.35	55.85			1877
REL					
1&2	12.54	25.07	525	520	500
Total	12.54	25.07			500
Cent Sect					
Share					5134
Total					5134

MS PG CL	Thermal	117.58	238.64			4765
	Thml+Gas	128.86	261.02			5215
	Hydro	16.11	20.64			1260
	Total	144.96	281.66			6475
State Total		248.11	476.99			15441

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/May/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	4771	485	467	5723	615	1868	4939	4804	-573	-765	12270	0	12270	2175	14445	49.72
2	4776	237	466	5479	650	1855	4828	4376	-453	-581	11804	96	11900	1986	13886	49.70
3	4816	101	467	5384	556	1861	4797	4488	-422	-454	11846	217	12063	1854	13917	49.81
4	4834	110	466	5410	489	1860	4797	4223	-422	-393	11589	221	11810	1761	13571	49.86
5	4854	105	467	5426	616	1865	4795	4215	-420	-359	11763	226	11989	1716	13705	49.79
6	4838	107	467	5412	612	1899	4739	4581	-398	-336	12168	358	12526	1771	14297	49.80
7	4811	106	466	5383	589	1905	4700	4519	-397	-266	12130	625	12755	1790	14545	49.83
8	4799	117	479	5395	581	1957	4779	4541	-399	-241	12233	714	12947	1898	14845	49.76
9	4804	160	476	5440	523	2009	4847	4622	-437	-427	12167	880	13047	2211	15258	49.72
10	4757	771	475	6003	467	1982	5025	5192	-529	-668	12976	667	13643	2592	16235	49.77
11	4777	886	468	6131	458	2051	5272	5869	-678	-808	13701	702	14403	2880	17283	49.76
12	4808	1541	465	6814	379	1930	5503	5135	-871	-786	13472	890	14362	2936	17298	49.69
13	4868	1801	464	7133	496	1829	5509	4728	-877	-754	13432	969	14401	2971	17372	49.72
14	4911	1657	464	7032	607	1821	5414	4846	-614	-709	13597	829	14426	2908	17334	49.71
15	4942	1726	463	7131	329	1700	5471	4889	-741	-766	13283	657	13940	2970	16910	49.73
16	4985	1791	465	7241	391	1708	5497	5185	-610	-743	13782	657	14439	2965	17404	49.67
17	5018	1291	472	6781	524	1772	5442	4726	-619	-670	13133	735	13868	2934	16802	49.63
18	5019	302	471	5792	589	1825	5268	4524	-546	-605	12125	696	12821	2855	15676	49.85
19	4992	195	472	5659	902	1848	5067	4101	-394	-618	11892	566	12458	2699	15157	49.90
20	5036	239	476	5751	678	1878	5189	4764	-469	-527	12554	747	13301	2748	16049	49.73
21	5074	238	470	5782	578	1911	5205	4778	-484	-465	12609	729	13338	2653	15991	49.73
22	5048	205	470	5723	516	1930	5216	4935	-537	-463	12666	638	13304	2522	15826	49.70
23	5052	730	477	6259	353	1956	5098	5102	-607	-596	13100	270	13370	2451	15821	49.54
24	4994	1208	478	6680	392	1966	5035	4981	-649	-756	13289	189	13478	2408	15886	49.54
MUs	117.58	16.11	11.27	144.96	12.89	45.19	122.43	114.12	-13.15	-13.76	303.58	13.28	316.86	58.65	375.51	49.74

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 02/May/2012

Position as on 6.30 Hrs of 03/May/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect NTPC(K-6)	500	09/04/2012	00.09		Continued.	Annual Overhaul	
Cent_Sect NTPC(V-4)	210	25/04/2012	00.07		Continued.	Annual Overhaul.	
Paras Unit 4	250	01/05/2012	03.25		Continued.	Annual Overhaul.	30/05/2012
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.	
Cent_Sect Gandhar U3	144	09/04/2012	21.03		Continued.	Less Schedule.	
Cent_Sect Kawas GT1A	106	26/04/2012	18:13		Continued.	Less requisition.	
Cent_Sect Kawas GT1B	106	26/04/2012	18:16		Continued.	Less requisition.	
CPP WPCL U-1	135	28/04/2012	17.44	02/05/2012	03.22	PA Fan Temp.High	
Uran Unit 5	108	29/04/2012	11.20		Continued.	Gas Shortage	
Cent_Sect NTPC(V-2)	210	30/04/2012	07.14	02/05/2012	05.55	Boiler Tube Leakage.	
Parli Unit 7	250	30/04/2012	07.49	03/05/2012	01.03	Coal Handling Problem.	
Koyna Unit 3	75	30/04/2012	11.20		Continued.	For Installation & Commissioning of Numerical Relay.	10/05/2012
Koradi Unit 6	210	01/05/2012	06.24	02/05/2012	10.52	Air Heater Problem.	
Parli Unit 6	250	01/05/2012	07.25	02/05/2012	13.35	CHP Conveyer Belt Broken.	
Paras Unit 3	250	01/05/2012	17.03		Continued.	Boiler Tube Leakage.	
CPP WPCL U-3	135	02/05/2012	11.30	03/05/2012	01.05	Trip on VPS Supply Fail.	
CPP WPCL U-2	135	02/05/2012	11.35	02/05/2012	13.12	Master Fuel Trip.	
CPP WPCL U-1	135	02/05/2012	13.47	02/05/2012	18.18	A C Supply Fail.	
CPP WPCL U-4	135	02/05/2012	13.49	02/05/2012	15.54	A C Supply Fail.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/May/2012

Position as on 6.30 Hrs of 03/May/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Nasik-Navsari-I	02/05/2012	08.50	02/05/2012	17.52	R.M.Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - II	25/04/2012	18.11		Continued.	Over Voltage.
Kolhapur - Mapusa - I	01/05/2012	16.13	02/05/2012	09.20	Over Voltage.
Kolhapur - Mapusa - I	02/05/2012	18.37		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Chandrapur - Bhadravati - III	29/04/2012	18.04		Continued.	Over Voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Line Reactor on 400 KV Parly Ckt.-III at Chandrapur	22/03/2012	11.00		Continued.	High tan delta value of bushing.
50MVAR Reactor C'Pur - Parli -I at Parli end	16/04/2012	16.50		Continued.	Filtration work
Newkoyna - Jaigad - I	02/05/2012	09.24	02/05/2012	14.53	Cold Line Insulator Washing.
Main Bus - I @ Chandrapur	02/05/2012	09.57	02/05/2012	21.52	Replacement of Y Ph.Bus CVT.
Dabhol - New Koyna - I	02/05/2012	15.16	02/05/2012	22.22	Replacement of Flashover String.
Karad-Jaigad II	02/05/2012	15.29	03/05/2012	06.30	Cold Line Insulator Washing.
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.
220/132 KV 100 MVA ICT II at Girvali	14/04/2012	12:05		Continued.	Augumentation by 200 MVA ICT.
Main Bus Section - II @ Gadchiroli	02/05/2012	07.17	02/05/2012	12.27	M.B. Iso. Work.
Koradi-Ambazari-I	02/05/2012	08.02	02/05/2012	12.13	Dismantling of Old Aux.Isolator.
220/132 KV 200 MVA ICT-II @ Kalmeshwar	02/05/2012	09.54	02/05/2012	18.42	Quarterly Maintainance Work.
220/132 KV,200 MVA ICT-II At Chalisgaon	02/05/2012	10.21	02/05/2012	11.51	CRM Measurement.
Uran-Apta-II	02/05/2012	10.52	02/05/2012	20.08	Bus Bar Protection Work.
Pawas-Kharepatan	02/05/2012	11.14	02/05/2012	16.30	Insulator Replacement Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Deepnagar-Aurangabad-I	11/04/2012	16.03		Continued.	Over Voltage.
Bhusawal- Aurangabad	01/05/2012	13.04	02/05/2012	09.25	Over Voltage.
Dhule - Babhaleshwar - I	02/05/2012	08.12	02/05/2012	08.52	Due to Sparking on B Ph. Isolator.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Padgha - Temghar - II	24/04/2012	17.56		Continued.	To Control Padgha ICT.
Padgha-Temghar I	02/05/2012	20.34		Continued.	To Control Load on ICT @ Padgha.
Voltage Level : 400KV			Outage Type TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/May/2012

Position as on 6.30 Hrs of 03/May/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Nagothane-Dabhol-I	01/05/2012	04.11	02/05/2012	12.09	Distance Protection,Declared Faulty.
Chandrapur - Parli - I	02/05/2012	13.36	02/05/2012	14.29	Distance Protection.
Chandrapur - Parli - I	02/05/2012	15.48	02/05/2012	16.41	Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 03/May/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	140
Unit 6	210	160
Unit 7	210	180
	620	480
Bhusawal		
Unit 2	210	160
Unit 3	210	160
Unit 4	500	
	920	320
Parli		
Unit 3	210	200
Unit 4	210	155
Unit 5	210	180
Unit 6	250	180
Unit 7	250	170
	1130	885
Chandrapur		
Unit 1	210	165
Unit 2	210	165
Unit 3	210	190
Unit 4	210	170
Unit 5	500	425
Unit 6	500	440
Unit 7	500	325
	2340	1880
Paras		
Unit 3	250	0
Unit 4	250	0
	500	0
Khaparkheda		
Unit 1	210	180
Unit 2	210	180
Unit 3	210	180
Unit 4	210	180
Unit 5	500	200
	1340	920
Nasik		
Unit 3	210	210
Unit 4	210	210
Unit 5	210	200
	630	620
Uran		
All Units	852	450
	852	450
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	450
Stage 4	1000	250
Stage 3	320	320
	1920	1020
Hydro		
KDPH	40	18
VTRNA	60	60
TILLARI	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
BHTGR/VEER	21	10
BHIRA T.R.	80	40
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	17
GHATGHAR	250	0
	611	160
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	1085
WARDHA	405	370
Other CPPs	0	
	1005	1455
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	5150
	3455	5150

	17900	7 of 7 15717
--	--------------	---------------------