



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

State Load Dispatch Center, Airoli

Daily system Report

for

06/May/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 06/May/2012 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	130.835	746.278	1) Gujrat	1.810	6.076
2) Hydro	13.781	63.856	2) Madhya Pradesh	17.744	102.831
3) Gas	11.305	66.984	3) Chattisgarh	11.010	64.400
Total MSGENCO	155.921	877.118	4) Maharashtra	58.188	360.032
B) OTHERS			5) Goa	-5.855	-38.571
1) JSW JAIGAD	26.320	162.964	6) TAPS 1&2 Injection	7.757	46.532
2) WPCL	9.235	53.207	7) RGPPL Injection	19.663	133.879
3) Other CPP / IPP	9.474	57.507	8) Pench (Excess)	-0.042	-0.651
4) Wind Generation	12.979	90.590	# Total Cent. Sector	110.275	674.528
5) PENCH (MS)	0.042	0.651	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-12.188	-78.764
1) TPCL Thermal	23.054	156.313	G) Bilateral Power *		
2) TPCL Hydro	0.272	20.203	1) MSEDCL Bilateral	35.855	237.074
TOTAL TPCL	23.326	176.516	Include PX	0.000	0.000
3) REL Thermal	12.599	75.378	2) MUMBAI Bilateral	12.238	79.673
D) STATE			Include PX	0.944	13.150
1) Thermal (A1+C1+C3)	166.488	977.969	3) MUMBAI Schedule	12.238	79.673
2) Hydro (A2+B5+C2)	14.095	84.710	H) ENERGY CATERED (MUs)		
3) Gas (A3)	11.305	66.984	1) MSEDCL	312.058	1837.801
4) Wind (B4)	12.979	90.590	2) TPCL	31.361	218.886
5) CPP (B1+B2+B3)	45.029	273.678	3) REL	16.749	111.762
TOTAL STATE	249.896	1493.931	TOTAL STATE	360.168	2168.449

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	5504	5452	5349
MSGENCO Hydro	1041	517	276
MSGENCO Gas	446	469	475
MSGENCO Total Generation	6991	6438	6100
Central Sector Receipt	4896	4931	4366
WIND	360	626	497
CPP / IPP	1859	1853	1917
Exchange with Mumbai	-394	-621	-355
MSEDCL DEMAND MET	13712	13227	12525
Load Shedding	655	383	7
MSEDCL DEMAND	14367	13610	12532
TPCL GENERATION	1102	886	936
R-INFRA GENERATION	526	525	526
TPCL+R-INFRA DEMAND	2022	2032	1817
STATE DEMAND MET	15734	15259	14342
STATE DEMAND	16389	15642	14349
Frequency (Hz)	49.95	50.02	49.66

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.42 Hz at 17:05 Hrs	49.24 Hz at 23:06 Hrs	49.85	0 % 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 06/May/2012

Generating unit	Generation				OLC (MW)	Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)			Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi						Hydro					
Unit 5	2.89	18.98	150	79	140	KDPH	0.85	3.67	36	35	36
Unit 6	3.24	16.18	159	115	155	VTRNA	0.60	4.20	61	0	58
Unit 7	3.46	20.82	170	121	170	TILLARI	0.06	0.36	57	0	60
Total	9.60	55.98			465	BHTGR/VEER	0.25	1.53	11	10	12
Bhusawal						Wind					
Unit 2	3.81	21.68	165	150	160	MalharPeth	0.60	3.66			
Unit 3	4.10	23.36	180	160	170	Vankuswadi	0.98	6.15			
Unit 4	3.01	19.08	146	104	0	ATIT	0.12	0.80			
Total	10.92	64.12			330	Kale	0.35	2.23			
Parli						Total					
Unit 3	4.65	27.28	206	152	190	Satara	1.68	7.95			
Unit 4	4.08	21.88	183	149	175	Shirala	0.25	1.81			
Unit 5	4.22	25.02	186	158	180	K Mahankal	0.04	3.03			
Unit 6	3.98	18.73	195	145	180	Supa	0.16	1.08			
Unit 7	3.99	15.24	199	136	180	Vita	1.39	8.43			
Total	20.92	108.15			905	Dondaicha	5.35	39.62			
Chandrapur						Sakri					
Unit 1	3.81	21.48	166	148	160	Nandurbar	0.60	4.01			
Unit 2	3.90	21.25	168	152	155	Khandke	0.36	3.40			
Unit 3	4.46	26.44	193	180	190	Khaparale	0.59	3.88			
Unit 4	4.63	24.83	198	177	200	Total	12.98	90.59			
Unit 5	11.08	65.02	475	395	475	CPP					
Unit 6	9.14	61.14	400	365	380	JSW JAIGAD	26.32	162.96	1122	1014	1002
Unit 7	10.15	60.31	437	401	420	WARDHA	9.24	53.21	423	343	421
Total	47.16	280.47			1980	Other CPPs	9.47	57.51			
Paras						Total					
Unit 3	5.61	22.66	257	190	200		45.03	273.68			1423
Unit 4	0.00	0.59	0	0	0	Tata					
Total	5.61	23.25			200	Trombay 4	0.00	0.00	0	0	0
Khaparkheda						REL					
Unit 1	4.17	25.48	180	155	180	1&2	12.60	75.38	526	523	500
Unit 2	4.24	25.59	188	154	180	Total	12.60	75.38			500
Unit 3	4.37	26.29	186	178	180	Cent Sect					
Unit 4	4.32	26.07	185	166	180	Share					4936
Unit 5	6.26	35.54	295	246	250	Total					4936
Total	23.36	138.96			970	MS PG CL					
Nasik						Thermal					
Unit 3	5.00	23.80	215	180	210		130.84	746.28			5415
Unit 4	4.35	26.78	196	161	190	Thml+Gas	142.14	813.26			5865
Unit 5	3.93	24.77	182	151	165	Hydro	13.78	63.86			1280
Total	13.28	75.35			565	Total	155.92	877.12			7145
Uran						State Total					
All Units	11.30	66.98	479	446	450		249.90	1493.93			15881
Total	11.30	66.98			450						
PENCH (MS)											
Pench (MS)	0.04	0.65	25	0	0						
Total	0.04	0.65			0						
Koyna											
Stage 1-2	4.22	18.27	415	35	460						
Stage 4	3.66	13.57	808	0	250						
Stage 3	0.90	6.64	160	0	320						
Total	8.79	38.48			1030						
Koyna 12&4 Total	7.89	31.84			710						

State Load Dispatch Center, Airoli (MSETCL)

Hourly Load Data As on 06/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 SHEDDING	MSEDCL DEMAND WITH LS	TPCL + R -INFRA DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	5297	737	478	6512	650	1883	4779	4618	-679	-487	13176	5	13181	2169	15350	49.73
2	5361	507	478	6346	500	1874	4692	4559	-580	-418	12861	8	12869	2022	14891	49.64
3	5347	377	479	6203	502	1833	4622	4462	-506	-357	12643	3	12646	1897	14543	49.70
4	5349	276	475	6100	497	1917	4576	4366	-460	-355	12525	7	12532	1817	14349	49.66
5	5394	276	467	6137	453	1937	4578	4422	-460	-379	12570	10	12580	1790	14370	49.64
6	5482	346	472	6300	465	1883	4632	4627	-460	-385	12890	244	13134	1818	14952	49.80
7	5427	197	471	6095	656	1896	4652	4668	-461	-362	12953	594	13547	1778	15325	49.92
8	5511	161	471	6143	516	1892	4632	4475	-437	-365	12661	603	13264	1781	15045	49.99
9	5552	234	473	6259	515	1876	4624	4532	-442	-380	12802	605	13407	1845	15252	49.95
10	5597	590	472	6659	414	1868	4655	4944	-474	-363	13522	390	13912	1907	15819	49.94
11	5517	672	470	6659	378	1854	4673	5190	-480	-341	13740	429	14169	1989	16158	49.99
12	5504	1041	446	6991	360	1859	4660	4896	-484	-394	13712	655	14367	2022	16389	49.95
13	5466	1453	463	7382	265	1781	4657	4398	-487	-445	13381	751	14132	2070	16202	49.85
14	5514	1583	463	7560	225	1851	4561	4116	-487	-403	13354	626	13980	2028	16008	49.89
15	5527	1250	465	7242	290	1859	4455	4675	-484	-473	13618	487	14105	2050	16155	49.82
16	5497	938	473	6908	434	1868	4438	4965	-481	-619	13568	398	13966	2048	16014	49.81
17	5452	517	469	6438	626	1853	4447	4931	-478	-621	13227	383	13610	2032	15642	50.02
18	5473	206	475	6154	858	1843	4459	4181	-473	-611	12425	230	12655	1992	14647	50.20
19	5426	233	477	6136	1035	1846	4529	3844	-468	-614	12247	40	12287	1989	14276	50.08
20	5445	281	475	6201	995	1922	4747	4561	-506	-728	12951	64	13015	2191	15206	49.94
21	5432	260	476	6168	942	1931	4774	4747	-548	-757	13031	63	13094	2216	15310	49.90
22	5455	233	476	6164	653	1873	4798	4771	-580	-763	12698	63	12761	2218	14979	49.79
23	5377	491	471	6339	426	1904	4743	4706	-650	-776	12599	8	12607	2221	14828	49.60
24	5433	922	470	6825	324	1926	4743	4621	-674	-792	12904	5	12909	2223	15132	49.56
MUs	130.84	13.78	11.30	155.92	12.98	45.03	111.13	110.28	-12.24	-12.19	312.06	6.67	318.73	48.11	366.84	49.85

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 06/May/2012

Position as on 6.30 Hrs of 07/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(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 Kawas GT1A	106	26/04/2012	18:13		Continued.	Less requisition.	
Cent_Sect Kawas GT1B	106	26/04/2012	18:16		Continued.	Less requisition.	
Uran Unit 5	108	29/04/2012	11.20		Continued.	Gas Shortage	
Koyna Unit 3	75	30/04/2012	11.20		Continued.	For Installation & Commissioning of Numerical Relay.	10/05/2012
Dabhol 3B	230	04/05/2012	11.18		Continued.	Gas shortage.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/May/2012

Position as on 6.30 Hrs of 07/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 -II	06/05/2012	07.31	06/05/2012	14.34	Maint.work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - I	05/05/2012	17.51		Continued.	Over Voltage
Chandrapur - Bhadravati - III	05/05/2012	17.53		Continued.	Over Voltage.
Kolhapur - Mapusa - I	05/05/2012	21.53	06/05/2012	10.31	Over Voltage.
Kolhapur - Mapusa - II	06/05/2012	18.03		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
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.
220/100KV,200 MVA ICT-II at Trombay.	06/05/2012	08.41	06/05/2012	15.22	Attending Hot Spot of Main Bus,T Clamp of Tifil feeder
Bus-Section - II @ Trombay	06/05/2012	08.46	06/05/2012	18.22	Hot Spot
Chakan-Volkaswagon	06/05/2012	09.01	06/05/2012	14.31	Replacement of CT
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Aurangabad-Deepnagar-II	04/05/2012	20.39		Continued.	Over Voltage.
Bhusawal- Aurangabad	05/05/2012	21.48	06/05/2012	06.20	Over Voltage.
Bhusawal- Aurangabad	06/05/2012	21.50		Continued.	Over Voltage
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 : 132KV			Outage Type HAND TRIPPED		
Kanhan-Uppalwadi	05/05/2012	19.54	06/05/2012	14.27	Attending sparking on 132 KV Ambazari-Mankapur-II line isolator.
Voltage Level : 400KV			Outage Type TRIPPED		
Koradi - Bhusawal	06/05/2012	13.08	06/05/2012	13.22	Distance Protection
Bablswr-Padgha Ckt I	07/05/2012	04.27	07/05/2012	04.41	Distance Protection
Bablswr-Padgha Ckt I	07/05/2012	05.17		Continued.	Distance Protection
Voltage Level : 220KV			Outage Type TRIPPED		
Padghe - Nashik - II	06/05/2012	18.30	06/05/2012	19.02	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/May/2012

Position as on 6.30 Hrs of 07/May/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Parbhani-Jintur	06/05/2012	14.05	06/05/2012	14.17	Distance Protection
Voltage Level : 100KV			Outage Type TRIPPED		
Kalwa-Kalyan	07/05/2012	06.17	07/05/2012	06.34	Tripped

State Load Dispatch Center, Airoli (MSETCL)

Details of On Line Capacity for 07/May/2012

Generating unit	Derated Capacity (MW)	OLC (MW)	Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi			BHTGR/VEER	21	11
Unit 5	200	125	BHIRA T.R.	80	80
Unit 6	210	135	RNGR+BHTSA	20	12
Unit 7	210	150	BHANDARDRA	45	29
	620	410	ELDARY	23	8
Bhusawal			SMLHY_PTN	12	9
Unit 2	210	180	GHATGHAR	250	0
Unit 3	210	170		611	302
Unit 4	500	0	Wind		
	920	350	MalharPeth	0	
Parli			Vankuswadi	0	
Unit 3	210	162	ATIT	0	
Unit 4	210	175	Kale	0	
Unit 5	210	180	Satara	0	
Unit 6	250	180	Shirala	0	
Unit 7	250	180	K Mahankal	0	
	1130	877	Supa	0	
Chandrapur			Vita	0	
Unit 1	210	142	Dondaicha	0	
Unit 2	210	146	Sakri	0	
Unit 3	210	170	Nandurbar	0	
Unit 4	210	179	Khandke	0	
Unit 5	500	437	Khaparale	0	
Unit 6	500	349		0	
Unit 7	500	391	CPP		
	2340	1814	JSW_JAIGAD	600	1002
Paras			WARDHA	405	426
Unit 3	250	250	Other_CPPs	0	
Unit 4	250	0		1005	1428
	500	250	Tata		
Khaparkheda			Trombay 4	150	0
Unit 1	210	180	Trombay 5	500	500
Unit 2	210	180	Trombay 6	500	500
Unit 3	210	180	Trombay 7A	120	120
Unit 4	210	180	Trombay 7B	60	60
Unit 5	500	300	Trombay 8	250	250
	1340	1020	TATA Hydro	444	447
Nasik				2024	1877
Unit 3	210	210	REL		
Unit 4	210	210	1&2	500	500
Unit 5	210	180		500	500
	630	600	Cent Sect		
Uran			Share	3455	4862
All Units	852	460		3455	4862
	852	460			
PENCH (MS)					
Pench (MS)	53				
	53				
Koyna					
Stage 1-2	600	455			
Stage 4	1000	250			
Stage 3	320	320			
	1920	1025			
Hydro					
KDPH	40	36			
VTRNA	60	60			
TILLARI	60	57			