



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

State Load Dispatch Center, Airoli

Daily system Report

for

03/Nov/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 03/Nov/2011 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	102.948	297.329	1) Gujrat	0.853	9.772
2) Hydro	9.642	24.503	2) Madhya Pradesh	24.428	74.422
3) Gas	11.659	41.803	3) Chattisgarh	14.720	45.120
Total MSGENCO	124.249	363.635	4) Maharashtra	56.457	174.584
B) OTHERS			5) Goa	-6.174	-19.463
1) JSW JAIGAD	29.127	86.489	6) TAPS 1&2 Injection	7.816	22.477
2) WPCL	6.248	18.720	7) RGPPL Injection	31.134	95.093
3) Other CPP / IPP	4.246	11.267	8) Pench (Excess)	-0.291	-1.095
4) Wind Generation	2.969	8.325	# Total Cent. Sector	128.943	400.910
5) PENCH (MS)	0.473	1.277	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-11.177	-33.504
1) TPCL Thermal	28.429	85.336	G) Bilateral Power *		
2) TPCL Hydro	4.030	12.143	1) MSEDCL Bilateral	43.466	123.477
TOTAL TPCL	32.459	97.479	Include PX	6.882	15.003
3) REL Thermal	12.539	37.738	2) MUMBAI Bilateral	13.980	41.605
D) STATE			Include PX	1.665	4.781
1) Thermal (A1+C1+C3)	143.916	420.403	3) MUMBAI Schedule	13.980	41.605
2) Hydro (A2+B5+C2)	14.145	37.923	H) ENERGY CATERED (MUs)		
3) Gas (A3)	11.659	41.803	1) MSEDCL	285.078	857.119
4) Wind (B4)	2.969	8.325	2) TPCL	37.236	111.712
5) CPP (B1+B2+B3)	39.621	116.476	3) REL	18.936	57.002
TOTAL STATE	212.310	624.930	TOTAL STATE	341.250	1025.833

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4250	4493	4252
MSGENCO Hydro	374	576	139
MSGENCO Gas	470	483	497
MSGENCO Total Generation	5094	5552	4888
Central Sector Receipt	6210	5379	5367
WIND	87	152	161
CPP / IPP	1656	1659	1660
Exchange with Mumbai	-622	-592	-320
MSEDCL DEMAND MET	12434	12192	11773
Load Shedding (LS)	1617	1034	309
MSEDCL DEMAND (INCL. LS)	14051	13226	12082
TPCL GENERATION	1638	1608	922
REL GENERATION	525	525	519
TPCL+REL DEMAND	2785	2725	1761
STATE DEMAND MET	15219	14917	13534
Load Management (LM)	2427	3594	1584
Total Load Relief (LS+LM)	4044	4628	1893
UNRESTRICTED STATE DEMAND	19263	19545	15427
Frequency (Hz)	49.79	49.95	49.80

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 18.17 Hrs	49.06 Hz at 00.05 Hrs	49.79	.24 % 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/Nov/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.59	10.73	170	55	155
Unit 6	4.21	11.86	191	147	160
Unit 7	0.00	0.00	0	0	0
Total	7.80	22.59			315
Bhusawal					
Unit 2	3.93	11.32	175	140	170
Unit 3	3.96	7.06	180	150	160
Unit 4	0.00	0.00	0	0	0
Total	7.90	18.38			330
Parli					
Unit 3	3.64	9.52	163	126	150
Unit 4	3.84	11.50	178	146	150
Unit 5	2.70	8.70	152	63	115
Unit 6	3.83	11.98	175	140	150
Unit 7	3.65	11.90	190	119	135
Total	17.66	53.59			700
Chandrapur					
Unit 1	3.77	11.45	162	151	165
Unit 2	3.24	5.70	142	120	120
Unit 3	4.12	12.42	188	145	160
Unit 4	4.89	14.52	210	195	200
Unit 5	8.53	27.47	405	300	400
Unit 6	9.28	27.35	425	337	400
Unit 7	0.00	0.00	0	0	0
Total	33.82	98.91			1445
Paras					
Unit 3	3.47	10.70	184	116	150
Unit 4	4.02	11.32	204	108	150
Total	7.48	22.02			300
Khaparkheda					
Unit 1	3.42	8.68	175	80	150
Unit 2	3.81	10.95	188	123	150
Unit 3	3.72	11.74	170	140	150
Unit 4	3.97	11.92	181	145	150
Unit 5	0.00	0.00	0	0	0
Total	14.92	43.30			600
Nasik					
Unit 3	4.70	13.62	210	71	182
Unit 4	4.56	12.98	202	174	192
Unit 5	4.11	11.93	198	134	182
Total	13.37	38.53			556
Uran					
All Units	11.66	41.80	546	456	460
Total	11.66	41.80			460
PENCH (MS)					
Pench (MS)	0.47	1.28	42	0	
Total	0.47	1.28			
Koyna					
Stage 1-2	4.08	9.25	515	30	600
Stage 4	1.90	5.19	445	0	250
Stage 3	1.43	3.27	200	0	320
Total	7.42	17.71			1170
Kovna 12&4 Total	5.98	14.44			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	0.00	0.00	0	0	0
TILLARI	0.44	1.30	60	0	60
BHTGR/VEER	0.16	0.38	7	6	6
BHIRA T.R.	0.22	0.79	57	0	40
RNGR+BHTSA	0.37	1.08	16	15	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.53	1.74	30	18	11
GHATGHAR	0.50	1.50	125	0	0
Total	2.22	6.79			132
Wind					
MalharPeth	0.15	0.77			
Vankuswadi	0.36	1.11			
ATIT	0.04	0.21			
Kale	0.12	0.36			
Satara	0.13	0.81			
Shirala	0.13	0.40			
K Mahankal	0.78	1.20			
Supa	0.09	0.25			
Vita	0.61	1.48			
Dondaicha	0.00	0.00			
Sakri	0.09	0.26			
Nandurbar	0.12	0.31			
Khandke	0.18	0.65			
Khaparale	0.17	0.51			
Total	2.97	8.32			
CPP					
JSW JAIGAD	29.13	86.49	1220	1136	1100
WARDHA	6.25	18.72	295	225	260
Other CPPs	4.25	11.27			
Total	39.62	116.48			1360
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.98	33.19	490	310	490
Trombay 6	7.12	22.12	405	155	500
Trombay 7A	2.85	7.81	122	114	120
Trombay 7B	1.58	4.51	66	65	60
Trombay 8	5.91	17.72	250	244	250
TATA Hydro	4.03	12.14	380	0	447
Total	32.46	97.48			1867
REL					
1&2	12.54	37.74	526	491	500
Total	12.54	37.74			500
Cent Sect					
Share					5394
Total					5394

MS PG CL	Thermal	102.95	297.33			4246
	Thml+Gas	114.61	339.13			4706
	Hydro	9.64	24.50			1302
	Total	124.25	363.64			6008
State Total		212.31	624.93			15129

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/Nov/2011

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS													
1	4257	364	494	5115	111	1642	5206	5166	-547	-427	11630	2276	11790	2041	15947	49.66
2	4238	174	494	4906	134	1664	5122	5355	-452	-321	11761	2167	12000	1866	15794	49.75
3	4252	139	497	4888	161	1653	5051	5367	-378	-320	11773	1893	12082	1761	15427	49.80
4	4169	139	498	4806	175	1658	4994	5566	-336	-258	11970	1909	12291	1687	15566	49.94
5	4132	79	497	4708	180	1660	4974	5843	-315	-239	12175	1922	12503	1661	15758	49.92
6	4112	215	502	4829	163	1653	4959	5647	-299	-233	12083	2255	12556	1702	16040	49.62
7	4252	784	501	5537	149	1615	4924	5006	-299	-225	12105	3407	13342	1768	17280	49.61
8	4323	334	502	5159	133	1690	4926	4451	-309	-229	11227	4069	12675	1881	17177	49.83
9	4401	428	484	5313	89	1652	4999	5082	-388	-295	11841	3799	12885	2149	17789	49.67
10	4394	665	478	5537	109	1653	5479	5449	-499	-473	12275	4155	13852	2518	18948	49.73
11	4373	401	473	5247	118	1657	5852	5829	-706	-567	12309	4106	14010	2735	19150	49.83
12	4250	374	470	5094	87	1656	5986	6210	-823	-622	12434	4044	14051	2785	19263	49.79
13	4061	364	468	4893	53	1649	5985	5999	-823	-627	11976	4234	13783	2799	19009	49.79
14	4119	667	471	5257	46	1655	5984	6034	-823	-594	12407	3947	14022	2698	19052	49.88
15	4231	1013	456	5700	45	1645	5962	5787	-823	-632	12554	3633	14036	2759	18946	49.80
16	4293	1182	459	5934	47	1656	5873	5319	-823	-661	12304	3731	13939	2770	18805	49.70
17	4392	231	462	5085	56	1649	5483	5250	-823	-660	11389	4342	13249	2770	18501	49.78
18	4494	112	477	5083	93	1648	5395	4771	-759	-587	11008	4425	12504	2707	18140	49.67
19	4549	674	480	5703	121	1651	5429	4970	-666	-629	11853	4866	13176	2771	19490	49.90
20	4493	576	483	5552	152	1659	5532	5379	-642	-592	12192	4628	13226	2725	19545	49.95
21	4464	185	485	5134	170	1659	5483	5246	-593	-446	11803	4340	12567	2619	18762	49.88
22	4356	83	478	4917	169	1660	5510	5082	-622	-479	11389	4083	11918	2481	17953	49.88
23	4253	92	504	4849	179	1576	5373	5185	-622	-529	11285	3742	11716	2339	17366	49.86
24	4088	367	546	5001	229	1661	5246	4948	-612	-532	11331	3194	11637	2183	16708	49.79
MUs	102.95	9.64	11.66	124.25	2.97	39.62	129.73	128.94	-13.98	-11.18	285.07	85.17	309.81	56.18	426.42	49.79

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/Nov/2011

Position as on 6.30 Hrs of 04/Nov/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Koradi Unit 7	210	08/10/2011	23.43		Continued.	Annual overhaul.	05/11/2011
Uran Unit 8	108	02/11/2011	23.49	03/11/2011	22:08	Air Filter replacement	
Koyna ST - IV 4	250	03/11/2011	04.42		Continued.	Attending Oil Leakage through Spherical Valve	23/11/2011
FORCED OUTAGE							
Bhusawal Unit 4	500	17/10/2011	03.55		Continued.	Hand Tripped	
Khaparkheda Unit 5	500	21/10/2011	00.40		Continued.	Furnace pressure low.	
Dabhol 3A	230	29/10/2011	13.22		Continued.	Due to gas shortage.	
Chandrapur Unit 7	500	29/10/2011	23.58		Continued.	Boiler tube leakage.	05/11/2011
CPP WPCL U-4	135	02/11/2011	04.40		Continued.	ID Fan Problem	05/11/2011
Nasik Unit 3	210	03/11/2011	23.35		Continued.	Boiler tube leakae.	06/11/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Nov/2011

Position as on 6.30 Hrs of 04/Nov/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Boiser - Tarapur	30/10/2011	08.31		Continued.	60 Days outage for Dismantling of existing tower and re-stringing work for Mumbai Strengthening Scheme(Converted as Borivali-Tarapur
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Pench-Mansar	03/11/2011	11.53	03/11/2011	17.18	In view of Kanhan Mansar outage
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Parli (PG)-Bhadravati I	08/10/2011	19.50	03/11/2011	14.15	Over Voltage
Parli-Parli (PGCIL) I	19/10/2011	21.40		Continued.	Over Voltage.
Parli (PGCIL)-Bhadravati-II	30/10/2011	17.07	03/11/2011	10.02	Over Voltage.
Parly(PG) - Wardha (PG) - I	02/11/2011	11.33		Continued.	To control Koradi-Bhilai Load
Parli (PG) - Wardha (PG) - II	02/11/2011	12.51		Continued.	To control Koradi-Bhilai Load
Kolhapur - Mapusa - I	02/11/2011	22.04	03/11/2011	09.42	Over Voltage
Karad - Solapur (PGCIL)	03/11/2011	17.36		Continued.	H/T for O/V
Kolhapur - Mapusa - II	03/11/2011	22.18		Continued.	Over voltage.
Parli (PG)-Bhadravati I	03/11/2011	22.23		Continued.	Over voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50MVAR Line Reactor of 400KV Parli-Lnknd-I	02/11/2011	10.52		Continued.	Oil Leakage and Filtration work
400 KV Bus Coupler @ Lonikhand	03/11/2011	08.29	03/11/2011	18.35	To attend hot spot.
Padgha - Nagothane - I	03/11/2011	09.08	03/11/2011	19.40	Q.M. Work.
Chandrapur - Parli - III	03/11/2011	09.18	03/11/2011	11.41	Taken on TBC to attend hot spot.
400/220 KV 500 MVA ICT-I @ Jejuri	03/11/2011	10.34	03/11/2011	18.30	Q.M. Work.
Main Bus - I @ Chakan	03/11/2011	11.00	03/11/2011	15.30	To attend hot spot.
Karad-New Koyna II	03/11/2011	11.28		Continued.	Taken on TBC to attend hot spot.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C
220/132 KV 250 MVA ICT at Ambazari	05/08/2011	10.41		Continued.	ICT is to be replaced by 200 MVA ICT
Bhoisor - Borivali	30/10/2011	08.06		Continued.	60 Days outage for Dismantling of existing tower and re-stringing work for Mumbai Strengthening Scheme(Converted as Borivali-Tarapur
Theur-Chinchwad	03/11/2011	08.43	03/11/2011	19.17	Stringing of LILO of 220 KV Blue Ridge.
Chinchwad - Parvati	03/11/2011	08.45	03/11/2011	14.20	Stringing of LILO of 220 KV Blue Ridge.
Jejuri I-Jejuri II	03/11/2011	08.48		Continued.	Replacement breaker.(2 days outage)
Koradi-Ambazari-I	03/11/2011	09.17	03/11/2011	16.29	commissioning of RTU DC scada and Q.M.work.
Hingoli-Pusad	03/11/2011	10.18	03/11/2011	14.03	For attending clamp hot glow on R phase CT stud connecting clamo and oil leakage problem.
Pusad - Bhugaon	03/11/2011	10.46	03/11/2011	13.53	replacement of R phase cross arm

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Nov/2011

Position as on 6.30 Hrs of 04/Nov/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
					aaat loc.177.
220 KV TBC @ Aurangabad	03/11/2011	12.20	03/11/2011	17.20	Repair and maintenance of breaker(B pole mechanism}
Parli-Murud	03/11/2011	12.20	03/11/2011	13.27	Replacement of distance relay.
220/132KV 200 MVA ICT-III @ Chinchwad	03/11/2011	15.04	03/11/2011	17.43	Q.M. work and hot spot attending work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Girwali - Latur MIDC	03/11/2011	09.16	03/11/2011	14.40	Quarterly maint. work.
Supa - Shirur	03/11/2011	10.48	03/11/2011	18.15	Dismantalling of old tower.
Khadka-Deepnagar-II	03/11/2011	11.11	03/11/2011	14.19	Replacmentof B phase CT.
Kanhan - Mansar.	03/11/2011	11.55	03/11/2011	17.19	For height raising work for purpose of national highway.
Hinganghat-ISMT I	03/11/2011	12.43		Continued.	measurment of ratio error and phase angle error CTs and PTs.
Parbhani-Jintur	03/11/2011	12.43	03/11/2011	14.40	erection of B phase pole of breaker.
Voltage Level : 100KV			Outage Type PLANNED OUTAGE		
Chinchwad-Rahatni	03/11/2011	09.15	03/11/2011	16.32	Bunching work.
Chinchwad - Talegaon	03/11/2011	09.17	03/11/2011	12.09	Jumpering work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220KV,100 MVA Spare Unit at Korady	31/10/2011	02.36		Continued.	Buchholz Alarm received
Karad - Kolhapur - II	01/11/2011	16.04		Continued.	Over Voltage
Bhusawal- Aurangabad	01/11/2011	16.43	03/11/2011	10.25	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chandrapur - Warora	12/10/2011	19.56		Continued.	For System Stabily.
Valve-Jamde	18/10/2011	17.18		Continued.	H/T due to Tower collapsed at Loc.N.40.44,45,46.
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Ganeshkhand-Chinchwad	03/11/2011	09.19		Continued.	Bunching work.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV 105 MVA Spare ICT at Parly II	22/08/2011	13.50		Continued.	To Remove Trip Coil Assembly for Bus Coupler.
Voltage Level : 220KV			Outage Type TRIPPED		
Dondaicha - Jamde - I	18/10/2011	17.12		Continued.	Towers Damaged.
Dondaicha - Jamde - II.	18/10/2011	17.12		Continued.	Towers Damaged.
Dondaicha - Walve	18/10/2011	17.18		Continued.	Towers Damaged.
220/132KV 100MVA ICT-I at Bambhori	25/10/2011	19.06		Continued.	Tripped on R.E.F.
Padgha-Wada	02/11/2011	16.52	03/11/2011	05.38	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		
Eldari - Jintur	19/10/2011	15.20		Continued.	B Phase Pole of C B Flashover.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 04/Nov/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	145
Unit 6	210	150
Unit 7	210	0
	620	295
Bhusawal		
Unit 2	210	170
Unit 3	210	160
Unit 4	500	
	920	330
Parli		
Unit 3	210	150
Unit 4	210	135
Unit 5	210	115
Unit 6	250	160
Unit 7	250	170
	1130	730
Chandrapur		
Unit 1	210	160
Unit 2	210	130
Unit 3	210	185
Unit 4	210	210
Unit 5	500	360
Unit 6	500	380
Unit 7	500	0
	2340	1425
Paras		
Unit 3	250	150
Unit 4	250	150
	500	300
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	170
Unit 4	210	170
Unit 5	500	
	1340	680
Nasik		
Unit 3	210	0
Unit 4	210	180
Unit 5	210	140
	630	320
Uran		
All Units	852	630
	852	630
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	0
VTRNA	60	0
TILLARI	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
BHTGR/VEER	21	8
BHIRA T.R.	80	45
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	11
GHATGHAR	250	0
	611	139
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	1100
WARDHA	405	260
Other CPPs	0	
	1005	1360
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1867
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	5597
	3455	5597