



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

State Load Dispatch Center, Airoli

Daily system Report

for

07/Nov/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 07/Nov/2012 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	110.285	739.634	1) Gujrat	12.355	74.963
2) Hydro	13.320	90.090	2) Madhya Pradesh	21.637	132.936
3) Gas	7.306	57.440	3) Chattisgarh	13.270	85.840
Total MSGENCO	130.911	887.164	4) Maharashtra	73.218	504.310
B) 1) JSW JAIGAD	28.209	190.987	5) Goa	-6.771	-45.851
2) WPCL	5.856	55.337	6) TAPS 1&2 Injection	3.723	26.528
3) ADANI	8.710	65.960	7) RGPPL Injection	12.213	87.095
4) Other CPP / IPP	8.083	52.918	8) Pench (Excess)	-0.829	-3.910
5) Wind Generation	1.341	25.277	# Total Cent. Sector	128.816	861.911
6) PENCH (MS)	0.829	4.569	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-9.654	-81.126
1) TPCL Thermal	30.074	194.947	G) Bilateral Power *		
2) TPCL Hydro	4.154	26.312	1) MSEDCL Bilateral	53.623	352.517
TOTAL TPCL	34.228	221.259	Include PX	6.205	15.370
3) REL Thermal	12.591	87.563	2) MUMBAI Bilateral	14.107	94.345
D) STATE			Include PX	4.662	15.787
1) Thermal (A1+C1+C3)	152.950	1022.144	3) MUMBAI Schedule	14.107	94.345
2) Hydro (A2+B5+C2)	18.303	120.971	H) ENERGY CATERED (MUs)		
3) Gas (A3)	7.306	57.440	1) MSEDCL	303.101	2062.997
4) Wind (B4)	1.341	25.277	2) TPCL	38.199	261.825
5) CPP (B1+B2+B3)	50.858	307.952	3) REL	18.272	128.124
TOTAL STATE	230.758	1533.784	TOTAL STATE	359.572	2452.946

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	4495	4469	4506
MSGENCO Hydro	1684	737	84
MSGENCO Gas	303	290	300
MSGENCO Total Generation	6482	5496	4890
Central Sector Receipt	5949	6086	4448
WIND	23	37	84
CPP / IPP	2052	2208	2110
Exchange with Mumbai	-684	-596	-34
MSEDCL DEMAND MET	13872	13281	11498
Load Shedding	718	518	223
MSEDCL DEMAND	14590	13799	11721
TPCL GENERATION	1684	1672	1100
R-INFRA GENERATION	520	523	526
TPCL+R-INFRA DEMAND	2888	2791	1660
STATE DEMAND MET	16760	16072	13158
STATE DEMAND	17478	16590	13381
Frequency (Hz)	49.96	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.48 Hz at 13.58 Hrs	49.48 Hz at 06.53 Hrs	49.97	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 07/Nov/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	0.00	0.00	0	0	0
Unit 6	3.14	23.40	142	110	130
Unit 7	3.16	14.79	155	35	120
Total	6.30	38.20			250
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	3.73	26.06	165	135	170
Unit 4	0.30	0.30	135	0	
Unit 5	2.21	2.28	214	0	
Total	6.24	28.64			170
Parli					
Unit 3	2.99	10.24	146	97	110
Unit 4	3.44	24.36	158	123	140
Unit 5	0.00	0.00	0	0	0
Unit 6	1.30	24.39	147	0	160
Unit 7	3.47	26.52	203	90	100
Total	11.20	85.51			510
Chandrapur					
Unit 1	3.65	19.56	158	140	150
Unit 2	3.65	22.70	158	131	160
Unit 3	4.60	18.43	200	171	200
Unit 4	4.70	30.27	200	192	200
Unit 5	9.78	66.36	470	360	400
Unit 6	10.02	68.89	455	380	400
Unit 7	7.77	58.35	415	230	325
Total	44.17	284.57			1835
Paras					
Unit 3	4.42	31.50	218	144	150
Unit 4	4.34	32.38	213	135	150
Total	8.76	63.88			300
Khaparkheda					
Unit 1	3.50	26.08	170	120	140
Unit 2	3.43	27.44	165	125	148
Unit 3	3.66	29.52	165	122	146
Unit 4	3.51	28.28	163	132	132
Unit 5	6.86	46.58	337	253	300
Total	20.96	157.89			866
Nasik					
Unit 3	4.32	28.96	200	155	180
Unit 4	4.31	28.72	189	153	190
Unit 5	4.02	23.28	186	148	170
Total	12.65	80.95			540
Uran					
All Units	7.31	57.44	311	290	300
Total	7.31	57.44			300
PENCH (MS)					
Pench (MS)	0.83	4.57	50	0	
Total	0.83	4.57			
Koyna					
Stage 1-2	3.70	27.21	515	40	600
Stage 4	5.68	33.31	807	0	250
Stage 3	2.10	13.02	224	0	320
Kovna 12&4 Total	9.38	60.52			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	11.48	73.54			1170
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	0.00	0.00	0	0	0
TILLARI	0.29	1.91	59	0	60
BHTGR/VEER	0.14	0.39	6	6	3
BHIRA T.R.	0.21	1.54	53	0	80
RNGR+BHTSA	0.36	2.57	17	0	15
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.35	4.12	20	12	8
GHATGHAR	0.49	6.02	125	0	
Total	1.84	16.55			166
Wind					
MalharPeth	0.10	1.51			
Vankuswadi	0.15	2.65			
ATIT	0.01	0.36			
Kale	0.04	0.84			
Satara	0.02	5.36			
Shirala	0.03	1.22			
K Mahankal	0.18	0.82			
Supa	0.05	0.85			
Vita	0.06	3.80			
Dondaicha	0.32	3.91			
Sakri	0.03	0.46			
Nandurbar	0.03	0.29			
Khandke	0.24	2.16			
Khaparale	0.08	1.05			
Total	1.34	25.28			
CPP					
JSW JAIGAD	28.21	190.99	1206	1104	1091
WARDHA	5.86	55.34	247	241	243
Adani	8.71	65.96	400	340	
Other CPPs	8.08	52.92			
Total	50.86	365.20			1334
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.01	78.36	504	496	500
Trombay 6	7.50	45.54	497	156	500
Trombay 7A	2.95	20.59	126	119	120
Trombay 7B	1.64	11.49	69	68	60
Trombay 8	5.97	38.97	251	246	250
TATA Hydro	4.15	26.31	297	0	317
Total	34.23	221.26			1747
REL					
1&2	12.59	87.56	527	520	500
Total	12.59	87.56			500
Cent Sect					
Share					5376
Total					5376

MS PG CL	Thermal	110.28	739.63			4471
	Thml+Gas	117.59	797.07			4771
	Hydro	13.32	90.09			1336
	Total	130.91	887.16			6107
State Total		230.76	1533.78			15064

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/Nov/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	4545	74	310	4929	117	2112	4517	4802	-473	-325	11647	144	11791	1975	13766	49.82
2	4546	94	309	4949	120	2114	4423	4623	-396	-183	11623	197	11820	1810	13630	49.83
3	4564	104	311	4979	87	2119	4460	4532	-334	-95	11622	208	11830	1717	13547	49.90
4	4506	84	300	4890	84	2110	4479	4448	-335	-34	11498	223	11721	1660	13381	49.99
5	4501	104	309	4914	76	2123	4498	4616	-335	-7	11722	265	11987	1636	13623	49.82
6	4621	164	311	5096	78	2142	4997	4873	-335	-80	12122	419	12541	1707	14248	49.78
7	4747	74	309	5130	64	2159	5421	5412	-386	-159	12627	841	13468	1791	15259	49.77
8	4777	234	310	5321	60	2148	5428	5494	-386	-186	12887	864	13751	1927	15678	49.84
9	4858	484	308	5650	66	2048	5439	5394	-395	-247	12961	870	13831	2224	16055	49.79
10	4786	1018	310	6114	27	2055	5730	5681	-611	-438	13485	627	14112	2575	16687	49.91
11	4521	1556	305	6382	44	2050	5897	5918	-751	-630	13814	541	14355	2826	17181	49.98
12	4495	1684	303	6482	23	2052	5993	5949	-877	-684	13872	718	14590	2888	17478	49.96
13	4536	1395	298	6229	16	2045	6005	5906	-867	-683	13533	848	14381	2882	17263	50.01
14	4482	1045	302	5829	38	2057	5959	6088	-784	-618	13441	740	14181	2796	16977	50.21
15	4499	1171	297	5967	23	2065	6031	6083	-814	-636	13552	680	14232	2829	17061	50.02
16	4511	1006	294	5811	31	2189	6078	6258	-819	-647	13692	607	14299	2826	17125	49.98
17	4469	737	290	5496	37	2208	6051	6086	-732	-596	13281	518	13799	2791	16590	50.00
18	4602	754	300	5656	48	2175	5186	5142	-660	-526	12515	502	13017	2744	15761	50.07
19	4767	851	304	5922	55	2159	5585	5433	-733	-568	13051	470	13521	2767	16288	50.08
20	4718	318	304	5340	51	2168	5730	5398	-699	-529	12478	650	13128	2709	15837	50.08
21	4673	83	306	5062	72	2164	5565	5134	-603	-449	12033	600	12633	2570	15203	50.17
22	4639	87	305	5031	51	2122	5455	5036	-607	-447	11843	421	12264	2405	14669	50.11
23	4484	83	305	4872	24	2120	5304	5254	-609	-450	11870	125	11995	2265	14260	50.10
24	4433	116	306	4855	49	2154	5029	5257	-566	-437	11928	78	12006	2153	14159	50.02
MUs	110.28	13.32	7.31	130.91	1.34	50.86	129.26	128.82	-14.11	-9.65	303.10	12.16	315.25	56.47	371.73	49.97

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 07/Nov/2012

Position as on 6.30 Hrs of 08/Nov/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect Tarapur 1	80	16/07/2012	22.15		Continued.	Refueling work.	
Parli Unit 5	210	06/09/2012	04.20		Continued.	Flame failure,converted to C.O.H from 15.09.2012(intimated on	30/11/2012
Koradi Unit 5	200	16/09/2012	04.23		Continued.	Low Bunkering, Converted to C O H from 20/09/2012.	10/11/2012
FORCED OUTAGE							
Tata TATA Hydro	444	05/09/2012	03:30		Continued.	BHIRA (BPSU-150MW)Unit tripped due to stator winding fault.	31/12/2012
Dabhol 2B	230	18/09/2012	18.42		Continued.	Gas shortage.	
Dabhol 1B	230	09/10/2012	13.56		Continued.	Gas Shortage.	
CPP WPCL U-2	135	17/10/2012	00.23		Continued.	Bottom ash problem.	
Bhusawal Unit 2	210	19/10/2012	22.22		Continued.	ID Fan Problem	
Dabhol 3B	230	26/10/2012	00.49		Continued.	Gas shortage.	
Uran Unit 7	108	26/10/2012	13.26		Continued.	Gas Shortage	
Bhusawal Unit 4	500	29/10/2012	17.59		Continued.	Class A Protection Operated.	
Dabhol 1X	290	02/11/2012	16.26		Continued.	Gas shortage.	
Dabhol 1A	230	02/11/2012	16.27		Continued.	Gas shortage.	
Uran Unit B0	120	03/11/2012	18.47		Continued.	Gas Shortage	
Uran Unit 8	108	03/11/2012	18.58		Continued.	Gas Shortage	
CPP WPCL U-4	135	05/11/2012	21.30		Continued.	Maintenance Work.	09/11/2012
Parli Unit 6	250	07/11/2012	09.57		Continued.	Flame Failure.	
Koyana ST - IV 4	250	07/11/2012	11.58	07/11/2012	15.10	For attending Spherical valve oil pressure problem.	
Bhusawal Unit 5	500	07/11/2012	21.32	08/11/2012	02.49	Pre heater protection operated.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 07/Nov/2012

Position as on 6.30 Hrs of 08/Nov/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Borivali-Tarapur-I	04/11/2012	09.53		Continued.	Mumbai Strengthening work to be carried out on Boiser-Borivali section upto 31/1/2013
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur - Mapusa - I	05/11/2012	17.28	07/11/2012	09.33	Over Voltage.
Dhule-S'Sarovar I	05/11/2012	22.27		Continued.	Over Voltage.
Kolhapur-Solapur(PGCIL)-I	06/11/2012	13.10		Continued.	Over Voltage.
Kolhapur - Mapusa - II	07/11/2012	16.24		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV Spare ICT @ Babaleshwar	05/07/2012	10.38		Continued.	Maintenance work.
400/220KV,200MVA Spare ICT at Kalwa.	22/08/2012	09.57		Continued.	Replacement of Isolator
Kalwa - Lonikand	03/11/2012	06.34		Continued.	LILO work at 400KV Talegaon(PG)
Main Bus- II @ Babaleshwar	03/11/2012	11.00		Continued.	Servicing of 29PG Isolator
80 MVAR Bus Reactor-I @ Babaleshwar	05/11/2012	11.03		Continued.	For Overhauling @ Servcing of 29B P G Isolator.
Main Bus - I @ Kolhapur	05/11/2012	13.07	07/11/2012	15.30	Attending Hot Spot & Alligment & Servicing of A Bus Isolator.
400/220 KV 500 MVA ICT - I @ Lamboti	07/11/2012	15.10	07/11/2012	16.37	Spacer work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 100 MVA ICT II at Girvali	14/04/2012	12:05		Continued.	Augumentation by 200 MVA ICT.
Kalwa - Khargar	19/10/2012	08.55		Continued.	Mumbai Strengthening work(Till 19.11.12)
Mahape - Siemens	19/10/2012	10.09		Continued.	Mumbai Strengthening work(Till 19.11.12)
Pedambe-Tambati	02/11/2012	06.53		Continued.	For making arrangement to shift existing line and increasing height.(Outage Till 09.11.12)
Nagothane - ACCIL	02/11/2012	07.36		Continued.	For making arrangement to shift existing line and increasing height.Up to 09.11.2012
220/100 KV 200 MVA ICT-IV @ Apta	03/11/2012	09.16		Continued.	Oil Filtration(Outage Till 10.11.12)
Ghodbandar - Bhoisor (MSETCL)	04/11/2012	10.35		Continued.	mumbai strengthening work to be carried out on Boiser-Borivali section upto 31/1/2013
Wardha Power - Warora-I	07/11/2012	06.40	08/11/2012	01.31	P.T Replacement.
Nagothane-IPCL	07/11/2012	08.07	07/11/2012	14.56	Insulator disc replacement and bay maint.work.
Wadkhal-IPCL I	07/11/2012	09.17	07/11/2012	15.15	Maintenance work.
220/132 KV 200 MVA ICT - I @ Beed	07/11/2012	10.15	07/11/2012	14.23	Q.M.Work
Akola - Balapur - II	07/11/2012	10.30	07/11/2012	15.16	Installation work.
Malinagar-Temburni	07/11/2012	10.45	07/11/2012	21.00	Q.M.Work
Kaparkheda-Kalmeshwar	07/11/2012	10.47	07/11/2012	17.19	R.M.Work

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 07/Nov/2012

Position as on 6.30 Hrs of 08/Nov/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Khaparkheda-Kawlewada-II	07/11/2012	11.33	07/11/2012	16.07	To carry out the signature test of line.
Bhigwan-Baramati agro	07/11/2012	11.37	08/11/2012	05.45	Testing of Distance prot.relay.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Trombay Tie - I	07/11/2012	22.52	08/11/2012	02.42	Bus Section III outage.
Mulund-Trombay	07/11/2012	22.55	08/11/2012	02.25	Bus section III outage.
Bus Section - III @ Trombay	07/11/2012	22.56	08/11/2012	02.23	Hot Spot.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220 KV 100 MVA Spare Unit @ Koradi	12/07/2012	07.11		Continued.	Main Buchholz protection operated.
Khadka-Deepnagar-I	01/11/2012	18.22		Continued.	For replacement of damaged PLCC card and carrier received relay(ready for charging 2-11-2012 at 17.18Hrs)
Deepnagar-Aurangabad-I	05/11/2012	17.19		Continued.	Over Voltage.
Karad - Kolhapur - I	06/11/2012	17.19	07/11/2012	08.19	Over Voltage.
Bhusawal- Aurangabad	06/11/2012	17.34	07/11/2012	06.53	Over Voltage.
Karad-Kolhapur-II	07/11/2012	18.06		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Magarpatta - Sirum	21/07/2012	19.18		Continued.	To free TBC of Magarpatta.
Phursungi - Theur	06/11/2012	07.05		Continued.	Hand Tripped.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220 KV 315 MVA ICT-II @ Dhule	04/08/2012	17.21		Continued.	B Ph. H V Side ICT-II Bushing Burst.(23.22Hrs on 06.11.2012 Kept on humming.)
400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR	25/09/2012	15.38		Continued.	Differential protection operated.
Voltage Level : 220KV			Outage Type TRIPPED		
M'Peth -Vankuswade	06/11/2012	15.48	07/11/2012	15.21	Air Compressor Problem.
Karad - Dasgaon	06/11/2012	19.27	07/11/2012	18.07	Distance Protection Y Ph. Z-I
Amalner-Bambhori	07/11/2012	05.41	07/11/2012	06.00	Distance protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 08/Nov/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	110
Unit 7	210	115
	620	225
Bhusawal		
Unit 2	210	0
Unit 3	210	170
Unit 4	500	0
Unit 5	500	0
	1420	170
Parli		
Unit 3	210	140
Unit 4	210	125
Unit 5	210	0
Unit 6	250	0
Unit 7	250	148
	1130	413
Chandrapur		
Unit 1	210	140
Unit 2	210	140
Unit 3	210	190
Unit 4	210	190
Unit 5	500	400
Unit 6	500	400
Unit 7	500	400
	2340	1860
Paras		
Unit 3	250	200
Unit 4	250	200
	500	400
Khaparkheda		
Unit 1	210	142
Unit 2	210	142
Unit 3	210	154
Unit 4	210	153
Unit 5	500	279
	1340	870
Nasik		
Unit 3	210	190
Unit 4	210	190
Unit 5	210	190
	630	570
Uran		
All Units	852	300
	852	300
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

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	60
BHTGR/VEER	21	2
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	14
GHATGHAR	250	0
	611	171
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	243
Adani	660	
Other CPPs	0	
	1665	1343
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	318
	2024	1748
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	5910
	3455	5910