



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

State Load Dispatch Center, Airoli

Daily system Report

for

14/Nov/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 14/Nov/2011 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	108.818	1412.658	1) Gujrat	6.405	40.456
2) Hydro	22.419	183.021	2) Madhya Pradesh	24.400	331.689
3) Gas	11.310	201.230	3) Chattisgarh	14.540	212.620
Total MSGENCO	142.547	1796.909	4) Maharashtra	59.439	792.630
B) OTHERS			5) Goa	-5.989	-86.371
1) JSW JAIGAD	14.819	376.324	6) TAPS 1&2 Injection	7.776	108.393
2) WPCL	7.782	86.108	7) RGPPL Injection	28.694	435.956
3) Other CPP / IPP	4.906	59.559	8) Pench (Excess)	-0.018	-4.436
4) Wind Generation	1.284	30.384	# Total Cent. Sector	135.247	1830.937
5) PENCH (MS)	0.376	7.001	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-14.287	-157.118
1) TPCL Thermal	22.526	372.771	G) Bilateral Power *		
2) TPCL Hydro	6.652	50.912	1) MSEDCL Bilateral	31.558	538.752
TOTAL TPCL	29.178	423.683	Include PX	0.000	37.240
3) REL Thermal	12.562	176.093	2) MUMBAI Bilateral	12.394	175.025
D) STATE			Include PX	-0.451	2.762
1) Thermal (A1+C1+C3)	143.906	1961.522	3) MUMBAI Schedule	15.744	178.375
2) Hydro (A2+B5+C2)	29.447	240.934	H) ENERGY CATERED (MUs)		
3) Gas (A3)	11.310	201.230	1) MSEDCL	292.674	4030.104
4) Wind (B4)	1.284	30.384	2) TPCL	37.436	500.939
5) CPP (B1+B2+B3)	27.507	521.991	3) REL	18.572	255.841
TOTAL STATE	213.454	2956.061	TOTAL STATE	348.682	4786.884

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4534	4621	4842
MSGENCO Hydro	1734	1559	114
MSGENCO Gas	470	475	506
MSGENCO Total Generation	6738	6655	5462
Central Sector Receipt	5628	5505	5559
WIND	68	72	34
CPP / IPP	1193	1198	1177
Exchange with Mumbai	-906	-916	-136
MSEDCL DEMAND MET	12721	12564	11970
Load Shedding (LS)	1928	1346	295
MSEDCL DEMAND (INCL. LS)	14649	13910	12265
TPCL GENERATION	1378	1364	1008
REL GENERATION	524	524	525
TPCL+REL DEMAND	2808	2804	1669
STATE DEMAND MET	15529	15368	13639
Load Management (LM)	2632	4013	1847
Total Load Relief (LS+LM)	4560	5359	2142
UNRESTRICTED STATE DEMAND	20089	20727	15781
Frequency (Hz)	49.50	49.73	49.76

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18:01 Hrs	48.81 Hz at 16:42 Hrs	49.63	1.66 % 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 14/Nov/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.98	47.29	150	108	120
Unit 6	3.76	52.20	188	131	160
Unit 7	3.14	9.23	170	100	100
Total	9.88	108.73			380
Bhusawal					
Unit 2	3.58	50.90	165	115	160
Unit 3	2.78	45.26	140	85	120
Unit 4	0.00	0.00	0	0	0
Total	6.36	96.17			280
Parli					
Unit 3	0.00	25.34	0	0	0
Unit 4	4.45	54.26	203	158	172
Unit 5	2.88	41.91	132	109	128
Unit 6	4.74	58.59	253	35	160
Unit 7	4.31	51.80	245	153	165
Total	16.37	231.91			625
Chandrapur					
Unit 1	3.84	53.24	164	156	160
Unit 2	0.00	9.78	0	0	0
Unit 3	3.95	54.42	182	133	180
Unit 4	4.70	67.24	204	173	200
Unit 5	10.70	85.03	470	425	440
Unit 6	1.64	126.17	430	0	0
Unit 7	9.86	86.79	457	352	425
Total	34.68	482.68			1405
Paras					
Unit 3	3.50	51.40	165	128	150
Unit 4	3.54	51.22	170	132	150
Total	7.03	102.62			300
Khaparkheda					
Unit 1	4.08	51.55	190	155	170
Unit 2	4.06	51.20	185	158	160
Unit 3	3.80	53.47	176	128	160
Unit 4	4.01	54.43	177	159	160
Unit 5	4.85	23.79	267	158	0
Total	20.79	234.44			650
Nasik					
Unit 3	5.04	60.69	215	195	192
Unit 4	4.36	51.06	210	125	192
Unit 5	4.31	44.35	195	157	162
Total	13.70	156.11			546
Uran					
All Units	11.31	201.23	605	352	485
Total	11.31	201.23			485
PENCH (MS)					
Pench (MS)	0.38	7.00	53	0	0
Total	0.38	7.00			0
Koyna					
Stage 1-2	5.76	57.68	565	40	600
Stage 4	9.50	60.06	838	0	250
Stage 3	3.27	25.43	316	0	320
Total	18.53	143.17			1170
Kovna 12&4 Total	15.26	117.74			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.45	2.54	19	18	19
VTRNA	0.00	0.39	0	0	0
TILLARI	0.38	5.82	60	0	60
BHTGR/VEER	0.16	2.09	7	6	6
BHIRA T.R.	0.14	2.87	50	0	80
RNGR+BHTSA	0.40	5.39	17	16	17
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.35	3.45	15	14	15
SMLHY PTN	0.49	8.15	29	17	11
GHATGHAR	1.53	9.15	240	0	0
Total	3.89	39.85			208
Wind					
MalharPeth	0.06	2.42			
Vankuswadi	0.16	4.21			
ATIT	0.02	0.64			
Kale	0.05	1.38			
Satara	0.31	4.88			
Shirala	0.03	1.43			
K Mahankal	0.01	2.64			
Supa	0.03	0.87			
Vita	0.34	5.62			
Dondaicha	0.11	1.74			
Sakri	0.01	0.51			
Nandurbar	0.01	0.53			
Khandke	0.12	2.02			
Khaparale	0.02	1.48			
Total	1.28	30.38			
CPP					
JSW JAIGAD	14.82	376.32	743	610	775
WARDHA	7.78	86.11	369	240	360
Other CPPs	4.91	59.56			
Total	27.51	521.99			1135
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	3.33	141.35	480	0	490
Trombay 6	8.83	95.23	493	158	500
Trombay 7A	2.84	38.60	125	93	120
Trombay 7B	1.60	21.71	68	59	60
Trombay 8	5.92	75.88	251	244	250
TATA Hydro	6.65	50.91	459	0	447
Total	29.18	423.68			1867
REL					
1&2	12.56	176.09	526	507	500
Total	12.56	176.09			500
Cent Sect					
Share					5625
Total					5625

MS PG CL	Thermal	108.82	1412.66			4186
	Thml+Gas	120.13	1613.89			4671
	Hydro	22.42	183.02			1378
	Total	142.55	1796.91			6049
State Total		213.45	2956.06			15176

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 14/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	4854	114	605	5573	49	1186	5457	5418	-454	-333	11918	2498	12061	1924	16340	49.73
2	4798	115	505	5418	50	1060	5316	5766	-305	-230	12077	2397	12315	1774	16248	49.73
3	4842	114	506	5462	34	1051	5194	5559	-178	-136	11970	2142	12265	1669	15781	49.76
4	4720	119	501	5340	26	1051	5287	5839	-274	-197	12059	2168	12364	1620	15847	49.81
5	4496	115	508	5119	18	1049	5256	6066	-242	-188	12064	2157	12377	1605	15826	49.77
6	4404	392	508	5304	35	1079	5150	6155	-181	-194	12379	2562	12992	1694	16635	49.62
7	4442	1163	505	6110	65	1072	5182	4987	-245	-223	12011	3706	13524	1802	17519	49.54
8	4533	999	506	6038	94	1104	5215	5583	-322	-267	12552	3762	13644	1882	18196	49.62
9	4589	1430	441	6460	75	1159	5246	5379	-350	-471	12602	4217	13774	2124	18943	49.63
10	4650	973	423	6046	85	1171	5460	5266	-497	-628	11940	4688	13777	2524	19152	49.44
11	4495	1537	450	6482	87	1183	5615	5629	-953	-856	12525	4529	14452	2762	19816	49.56
12	4534	1734	470	6738	68	1193	5655	5628	-1044	-906	12721	4560	14649	2808	20089	49.50
13	4438	1628	470	6536	61	1172	5637	5581	-1018	-897	12453	4721	14539	2795	19969	49.55
14	4404	1338	470	6212	37	1188	5521	5998	-982	-896	12539	4406	14395	2777	19722	49.71
15	4358	1739	454	6551	29	1195	5487	5750	-1018	-914	12611	4046	14283	2805	19462	49.56
16	4343	1796	458	6597	31	1182	5373	5616	-1018	-903	12523	4186	14386	2806	19515	49.45
17	4365	1316	456	6137	48	1192	5386	5301	-1009	-901	11784	4791	13861	2798	19373	49.35
18	4513	1119	480	6112	62	1176	5114	5191	-926	-869	11719	4909	13350	2760	19388	49.47
19	4621	1559	475	6655	72	1198	5265	5505	-959	-916	12564	5359	13910	2804	20727	49.73
20	4559	1384	475	6418	65	1192	5524	5789	-933	-852	12665	5120	13689	2736	20521	49.74
21	4630	750	365	5745	44	1181	5494	5925	-807	-677	12270	4889	13088	2562	19721	49.72
22	4583	668	352	5603	45	1173	5545	5749	-727	-564	12057	4668	12682	2441	19166	49.66
23	4474	201	440	5115	46	1142	5399	5747	-676	-592	11509	4432	12061	2339	18280	49.72
24	4173	116	487	4776	58	1158	5258	5820	-626	-677	11162	3816	11554	2216	17194	49.73
MUs	108.8 2	22.42	11.31	142.55	1.28	27.51	129.04	135.25	-15.74	-14.29	292.67	94.73	319.99	56.03	443.43	49.63

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 14/Nov/2011

Position as on 6.30 Hrs of 15/Nov/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Koyna ST - IV 4	250	03/11/2011	04.42		Continued.	Attending Oil Leakage through Spherical Valve	23/11/2011
Chandrapur Unit 2	210	05/11/2011	11.02		Continued.	Boiler Tube Leakage,converted to AOH.	30/11/2011
Dabhol 2A	230	05/11/2011	15.48		Continued.	Overhauling work	15/11/2011
Cent_Sect TARAPUR-4	540	06/11/2011	01.00		Continued.	Annual Overhaul	25/12/2011
FORCED OUTAGE							
Bhusawal Unit 4	500	17/10/2011	03.55		Continued.	Hand Tripped	
CPP WPCL U-4	135	02/11/2011	04.40		Continued.	ID Fan Problem, Preparation for P.G. Test.	23/11/2011
CPP WPCL U-2	135	10/11/2011	01.39	14/11/2011	04.02	For Maintenance Work.	
CPP JSW (J) U3	300	12/11/2011	11.45		Continued.	Condenser cooling water leakage.	
Parli Unit 3	210	12/11/2011	21.25		Continued.	No coal.	
Uran Unit 5	108	14/11/2011	00.05		Continued.	Air filter replacement.	
CPP JSW (J) U4	300	14/11/2011	01.17		Continued.	Turbine governing oil line leakage.	
Chandrapur Unit 6	500	14/11/2011	04.36		Continued.	Boiler tube leakage.	17/11/2011
Tata Trombay 5	500	14/11/2011	08:15	15/11/2011	05.53	Turbine bearing Vibration high.	
Dabhol 1A	230	14/11/2011	12:00		Continued.	Gas Shortage.	
Cent_Sect NTPC(V-7)	500	14/11/2011	16:38	14/11/2011	18.28	Furnace pressure high.	
Uran Unit 8	108	14/11/2011	20:45	14/11/2011	21:30	Boiler problem.	
Parli Unit 6	250	14/11/2011	23.15	15/11/2011	03.26	Loss of Fuel	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 14/Nov/2011

Position as on 6.30 Hrs of 15/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 : 400KV			Outage Type HAND TRIPPED		
Parli-Parli (PGCIL) I	19/10/2011	21.40		Continued.	Over Voltage.
Parly(PG) - Wardha (PG) - I	02/11/2011	11.33		Continued.	To control Koradi-Bhilai Load
Parli (PGCIL)-Bhadravati-II	07/11/2011	17.00		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	12/11/2011	08.23	14/11/2011	11.56	Over Voltage.
Kolhapur - Mapusa - I	12/11/2011	21.51		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	14/11/2011	17.41		Continued.	Over Voltage
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Pench - Kanhan	13/11/2011	23.54	14/11/2011	16.48	Hand Tripped.
Pench - Kanhan	14/11/2011	21.46		Continued.	Hand Tripped
Voltage Level : 400KV			Outage Type TRIPPED		
Padgha -Tarapur - I	14/11/2011	16.31	14/11/2011	16.51	Tripped while PLCC Testing
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
Kalwa - Padgha - I	11/11/2011	09.58		Continued.	Taken on TBC for Hot Spot.
400/220KV,500 MVA ICT-III at Nagothane.	14/11/2011	11.20		Continued.	Attending the Punch related to Isolator Transformer
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
220/100KV,125 MVA T/F-II at Jambhul	08/11/2011	13.50		Continued.	Inspection and Rectification of Gasformation upto 29/11/2011
220 KV TBC @ Koradi	10/11/2011	09.30		Continued.	Breaker O/H Work.
Wadkhal - NDIL - I	12/11/2011	02.12	14/11/2011	21.10	Maintenance work(CT,PT replacement at Wadkhal end.)
Kalwa-Mulund II	12/11/2011	09.43		Continued.	Replacement of breaker isolator .Line taken on TBC.
Kharghar-TSS-Panvel	14/11/2011	09.00	14/11/2011	18.20	Isolator Alignment work and R.M.Work
Chandrapur MIDC - Gadchandur	14/11/2011	11.10	14/11/2011	18.26	Tan Delta Measurement
220/132KV 200MVA ICT-I at Chikhali	14/11/2011	15.32	14/11/2011	17.07	To attend Oil Leakage of CTR and PNRV
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Ambazari-Pardi	10/11/2011	08.49		Continued.	Height Raising of 132 KV Ambazari-Pardi & 132 KV Khapri-Besa Between Loc.64-68 & 79-83 Due to Four Laning of National Highway No.-7.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Nov/2011

Position as on 6.30 Hrs of 15/Nov/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Khapri - Besa	10/11/2011	09.10	14/11/2011	19.12	Height Raising of 132 KV Ambazari-Pardi & 132 KV Khapri-Besa Between Loc.64-68 & 79-83 Due to Four Laning of National Highway No.-7.
Chikali - Mehkar	14/11/2011	13.03	14/11/2011	17.52	changing of CT Ratio
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 - I	15/11/2011	03.10		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Uran-Apta-II	14/11/2011	03.01	14/11/2011	15.31	For attending DC supply fail.
Chandrapur - Warora	14/11/2011	04.49		Continued.	Line loading.
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 : 132KV			Outage Type TRIPPED		
Chalisgaon - Dhule	14/11/2011	10.50	14/11/2011	15.07	Distance Protection
Voltage Level : 110KV			Outage Type TRIPPED		
Puikhadi - Kale	14/11/2011	17.05	14/11/2011	18.20	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 15/Nov/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	130
Unit 6	210	140
Unit 7	210	130
	620	400
Bhusawal		
Unit 2	210	160
Unit 3	210	120
Unit 4	500	
	920	280
Parli		
Unit 3	210	0
Unit 4	210	164
Unit 5	210	115
Unit 6	250	160
Unit 7	250	160
	1130	599
Chandrapur		
Unit 1	210	160
Unit 2	210	0
Unit 3	210	185
Unit 4	210	205
Unit 5	500	440
Unit 6	500	0
Unit 7	500	450
	2340	1440
Paras		
Unit 3	250	150
Unit 4	250	150
	500	300
Khaparkheda		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	160
Unit 4	210	170
Unit 5	500	0
	1340	650
Nasik		
Unit 3	210	192
Unit 4	210	192
Unit 5	210	162
	630	546
Uran		
All Units	852	485
	852	485
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	19
VTRNA	60	0
TILLARI	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
BHTGR/VEER	21	7
BHIRA T.R.	80	80
RNGR+BHTSA	20	16
BHANDARDRA	45	0
ELDARY	23	15
SMLHY PTN	12	11
GHATGHAR	250	0
	611	208
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	800
WARDHA	405	360
Other CPPs	0	
	1005	1160
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	5552
	3455	5552