



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

State Load Dispatch Center, Airoli

Daily system Report

for

30/Oct/2013

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 30/Oct/2013 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	79.472	2925.387	1) Gujrat	11.101	296.399
2) Hydro	28.294	447.208	2) Madhya Pradesh	22.786	551.323
3) Gas	11.346	331.803	3) Chattisgarh	12.860	287.970
Total MSGENCO	119.112	3704.398	4) Maharashtra	88.744	2058.305
B) 1) JSW JAIGAD	18.650	633.699	5) Goa	-6.561	-168.251
2) WPCL	5.580	199.977	6) TAPS 1&2 Injection	7.526	201.167
3) ADANI	35.130	1029.180	7) RGPPL Injection	0.000	0.000
4) Other CPP / IPP	4.250	253.024	8) Pench (Excess)	-0.121	-22.511
5) Wind Generation	1.682	176.386	# Total Cent. Sector	136.335	3204.402
6) PENCH (MS)	0.121	22.511	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-19.248	-646.202
1) TPCL Thermal	22.019	613.481	G) Bilateral Power *		
2) TPCL Hydro	6.246	126.706	1) MSEDCL Bilateral	27.778	685.133
TOTAL TPCL	28.265	740.187	Include PX	3.426	-6.954
3) REL Thermal	12.478	359.687	2) MUMBAI Bilateral	21.657	580.468
D) STATE			Include PX	8.409	166.477
1) Thermal (A1+C1+C3)	113.969	3898.555	3) MUMBAI Schedule	21.657	580.628
2) Hydro (A2+B5+C2)	34.661	596.425	H) ENERGY CATERED (MUs)		
3) Gas (A3)	11.346	331.803	1) MSEDCL	301.612	8577.375
4) Wind (B4)	1.682	176.386	2) TPCL	38.970	1127.272
5) CPP (B1+B2+B3)	63.610	1121.830	3) REL	21.019	618.769
TOTAL STATE	225.268	6124.999	TOTAL STATE	361.601	10323.416

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	3031	3149	3497
MSGENCO Hydro	1995	1859	348
MSGENCO Gas	454	453	490
MSGENCO Total Generation	5480	5461	4335
Central Sector Receipt	6385	6490	4808
WIND	35	44	52
CPP / IPP	2934	2364	2774
Exchange with Mumbai	-1115	-1084	-419
MSEDCL DEMAND MET	13719	13275	11550
Load Shedding	595	457	190
MSEDCL DEMAND	14314	13732	11740
TPCL GENERATION	1376	1391	826
R-INFRA GENERATION	521	520	518
TPCL+R-INFRA DEMAND	3012	2995	1763
STATE DEMAND MET	16731	16270	13313
STATE DEMAND	17326	16727	13503
Frequency (Hz)	50.06	49.93	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.42 Hz at 13:00 Hrs	49.36 Hz at 17:34 Hrs	49.96	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)
Water Coal And Oil Position For the date 30/Oct/2013

Koyna Lake Level In Feet			
Current Year	Rise (+) / Fall (-)	Previous year	Rise (+) / Fall (-) with ref to previous year
2158.90	-0.60	2160.20	-1.30

Koyna Water Utilization for Water Year 2013-2014 As Per Krishna Awards param.constant(TMC)					Rainfall (In mm) As on 30/Oct/2013				
	In TMC				Lake	Current Year		Previous Year	
	Daily	Monthly	Yearly	Balance		For The Day	Total	For The Day	Total
Koyna I and II	0.221	2.568	9.930						
Koyna IV	0.373	5.092	11.092		Pophali	0	5945	0	4742
Total	0.594	7.660	21.022	46.478	Novaja	0	6638	0	5034
Last Year			27.655	39.845	Mahabaleshwar	0	5867	0	5210

Coal And Oil Position for 30/Oct/2013						
Power Station	Coal			OIL (in kL)		
	Receipt (In MT)	Consumption (In MT)	Balance Stock Days	FO	LDO	LSHS
Bhusawal	14831.00	11315.00	9.52	18.00	0.00	0.00
Chandrapur	20779.37	17456.85	5.50	183.00	27.00	0.00
Khaparkheda	6938.15	5398.90	11.00	180.00	16.00	0.00
Koradi	5194.00	5834.00	15.42	61.20	0.00	0.00
Nasik	11041.00	7049.00	21.79	21.00	17.00	0.00
Paras	3232.80	7960.00	5.24	9.23	0.00	0.00
Parli	11754.91	12936.72	3.00	16.00	0.00	0.00
Total	73771.23	67950.47		488.43	60.00	0.00

Maximum During the Month		Koyna Water Utilization (in TMC) During Gates Opened			
			Daily	Monthly	Yearly
MSGENCO Thermal Gen.	110.411 Mus On Date 17/10/2013	Koyna I & II	0.000	0.000	3.196
MSGENCO Hydro Gen.	29.091 Mus On Date 28/10/2013	Koyna IV	0.000	0.000	2.784
MSGENCO Total Gen.	139.506 Mus On Date 21/10/2013	Total	0.000	0.000	5.980
MSDISCOM Requirement	302.119 Mus On Date 29/10/2013	FOR LAST YEAR			
State Requirement	363.175 Mus On Date 29/10/2013				1.291
State OLC	16857 MW On Date 22/10/2013				
State M.P. Demand	17326 MW On Date 30/10/2013				
State E.P. Demand	16795 MW On Date 29/10/2013				

Voltage Profile at 400 KV Level for 30/10/2013					
Maximum Voltage			Minimum Voltage		
Substation	KV	Time	Substation	KV	Time
KALWA	432	04:00	JEJURI	393	11:00

Load Shedding in Mus for 30/10/2013				
Rural PLR	Urban PLR	Distress Load Shedding	Emergency Load Shedding	Total
6.142	4.673	0.000	0.000	10.815

State Load Dispatch Center, Airoli (MSETCL)

Daily and Progressive Generation, Maximum, Minimum, OLC Details for 30/Oct/2013

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.87	22.60	134	100	110
Unit 6	0.59	85.01	130	0	0
Unit 7	2.88	78.82	145	75	120
Total	6.34	186.42			230
Bhusawal					
Unit 2	3.46	46.74	155	135	140
Unit 3	3.35	85.03	150	125	140
Unit 4	5.46	152.04	255	205	258
Unit 5	0.00	91.34	0	0	0
Total	12.27	375.14			538
Parli					
Unit 3	0.00	0.00	0	0	0
Unit 4	3.31	98.43	152	112	150
Unit 5	3.69	96.18	163	144	157
Unit 6	3.73	122.68	165	145	156
Unit 7	3.78	120.43	163	145	163
Total	14.52	437.72			626
Chandrapur					
Unit 1	1.86	85.51	118	50	100
Unit 2	1.80	60.71	129	0	120
Unit 3	2.05	79.81	120	34	100
Unit 4	2.36	96.16	120	70	120
Unit 5	0.00	0.00	0	0	0
Unit 6	10.01	241.89	440	395	425
Unit 7	0.00	199.24	0	0	0
Total	18.09	763.32			865
Paras					
Unit 3	4.28	122.70	208	157	185
Unit 4	4.41	118.59	217	165	175
Total	8.69	241.29			360
Khaparkheda					
Unit 1	0.00	93.58	0	0	0
Unit 2	2.54	94.20	150	75	130
Unit 3	0.97	61.74	120	0	140
Unit 4	3.17	122.14	165	100	140
Unit 5	4.49	205.52	358	110	250
Total	11.17	577.17			660
Nasik					
Unit 3	0.00	107.55	0	0	0
Unit 4	4.00	121.19	172	160	190
Unit 5	4.40	115.58	195	165	190
Total	8.39	344.33			380
Uran					
All Units	11.35	331.80	501	443	465
Total	11.35	331.80			465
PENCH (MS)					
Pench (MS)	0.12	22.51	20	0	0
Total	0.12	22.51			0
Koyna					
Stage 1-2	8.05	93.54	590	40	600
Stage 4	14.53	198.32	1124	202	250
Stage 3	4.23	64.27	240	0	240
Koyna 12&4 Total	22.58	291.85			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	26.81	356.13			1090
Hydro					
KDPH	0.00	6.89	0	0	0
VTRNA	0.00	6.93	0	0	0
TILLARI	0.17	8.96	58	0	60
BHTGR/VEER	0.00	0.22	0	0	0
BHIRA T.R.	0.39	8.64	41	0	40
RNGR+BHTSA	0.37	11.08	16	15	0
BHANDARDRA	0.00	4.46	0	0	0
ELDARY	0.06	8.42	9	0	0
SMLHY_PTNI	0.50	15.60	21	20	22
GHATGHAR	0.00	18.04	0	0	0
Total	1.49	89.24			122
Wind					
MalharPeth	0.07	7.92			
Vankuswadi	0.13	13.75			
ATIT	0.01	1.84			
Kale	0.03	5.23			
Satara	0.74	56.13			
Shirala	0.01	5.63			
K Mahankal	0.01	1.37			
Supa	0.04	2.56			
Vita	0.27	26.45			
Dondaicha	0.07	34.06			
Sakri	0.01	5.54			
Nandurbar	0.01	3.09			
Khandke	0.19	6.08			
Khaparale	0.10	6.74			
Total	1.68	176.39			
CPP					
JSW_JAIGAD	18.65	633.70	883	739	797
WARDHA	5.58	199.98	238	221	235
Adani	35.13	1029.18	1690	1120	1851
Other_CPPs	4.25	253.02			
Total	63.61	2115.88			2883
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.67	316.83	504	401	500
Trombay 6	0.00	0.00	0	0	0
Trombay 7A	2.80	81.25	129	101	120
Trombay 7B	1.63	47.66	72	62	60
Trombay 8	5.92	167.74	252	240	250
TATA Hydro	6.25	126.71	471	0	447
Total	28.26	740.19			1377
REL					
1&2	12.48	359.69	522	518	500
Total	12.48	359.69			500
Cent Sect					
Share					5952
Total					5952

MS PG CL	Thermal	79.47	2925.39		3659
	Thml+Gas	90.82	3257.19		4124
	Hydro	28.29	447.21		1212
	Total	119.11	3704.40		5336
State Total	225.27	6125.00			16048

State Load Dispatch Center, Airoli (MSETCL)

Hourly Load Data As on 30/Oct/2013

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	3681	522	488	4691	96	2769	4804	4916	-889	-663	11809	130	11939	2115	14054	49.89
2	3654	316	487	4457	99	2774	4645	4893	-729	-553	11670	179	11849	1939	13788	49.99
3	3571	299	492	4362	85	2770	4532	4800	-621	-483	11534	184	11718	1832	13550	49.93
4	3497	348	490	4335	52	2774	4459	4808	-548	-419	11550	190	11740	1763	13503	50.00
5	3398	574	475	4447	43	2788	4447	4971	-533	-376	11873	213	12086	1731	13817	49.96
6	3301	1037	501	4839	52	2775	4443	4930	-521	-365	12231	412	12643	1794	14437	49.86
7	3174	1283	494	4951	73	2800	4456	4665	-534	-368	12141	876	13017	1868	14885	49.88
8	3139	1413	498	5050	61	2790	4786	5071	-668	-495	12497	895	13392	1988	15380	49.90
9	3088	1448	487	5023	57	2807	5078	5270	-848	-682	12495	839	13334	2283	15617	49.96
10	3029	1695	478	5202	39	2842	5375	5803	-960	-786	13120	548	13668	2661	16329	49.93
11	3080	1859	462	5401	46	2912	5973	6221	-1113	-1029	13565	466	14031	2929	16960	50.02
12	3031	1995	454	5480	35	2934	6075	6385	-1239	-1115	13719	595	14314	3012	17326	50.06
13	3092	1903	456	5451	34	2864	6108	6254	-1230	-1143	13460	740	14200	2999	17199	50.03
14	3100	1672	447	5219	31	2870	6029	6285	-1131	-1064	13341	622	13963	2947	16910	50.07
15	3145	1698	443	5286	55	2370	6549	6947	-1141	-1093	13565	480	14045	2987	17032	49.88
16	3146	1948	454	5548	33	2283	6476	6821	-1162	-1099	13586	434	14020	2998	17018	49.95
17	3149	1859	453	5461	44	2364	6304	6490	-1124	-1084	13275	457	13732	2995	16727	49.93
18	3202	966	459	4627	79	2340	6100	5879	-1057	-1051	11876	618	12494	2954	15448	49.87
19	3211	1609	462	5282	82	2499	5592	5959	-1052	-1075	12764	506	13270	3006	16276	49.87
20	3363	1296	464	5123	82	2478	5901	5893	-1057	-1013	12571	571	13142	2920	16062	49.95
21	3484	691	471	4646	73	2486	6180	6220	-911	-918	12507	379	12886	2784	15670	49.97
22	3532	637	472	4641	90	2446	5926	5899	-861	-841	12235	221	12456	2658	15114	50.05
23	3703	616	479	4798	166	2442	5506	5495	-842	-781	12120	144	12264	2500	14764	49.98
24	3702	610	480	4792	175	2433	5307	5460	-884	-752	12108	116	12224	2328	14552	50.05
MUs	79.47	28.29	11.35	119.11	1.68	63.61	131.05	136.34	-21.66	-19.25	301.61	10.82	312.43	59.99	372.42	49.96

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)
Bilateral Power Purchases for 30/Oct/2013

TIME SR. NO.	MSEDCL					MUMBAI SYSTEM							OTHER	
	IMPORT	EXPORT	PX	INTRA	NET	IMPORT	EXPORT	Standby From MSEDCL	Kawas URS	Gandhar URS	PX	INTRA		NET
1	59.74	0.00	0.00	838.14	897.88	46.49	0.00	0.00	0.00	0.00	453.95	388.82	889.26	-6.99
2	59.74	0.00	0.00	838.14	897.88	46.49	0.00	0.00	0.00	0.00	293.66	388.82	728.97	-6.99
3	59.74	0.00	0.00	838.14	897.88	46.49	0.00	0.00	0.00	0.00	185.99	388.82	621.30	-7.37
4	59.74	0.00	0.00	838.14	897.88	46.49	0.00	0.00	0.00	0.00	112.58	388.82	547.89	-7.37
5	59.74	0.00	0.00	838.14	897.88	46.49	0.00	0.00	0.00	0.00	97.89	388.82	533.20	-7.37
6	59.74	0.00	0.00	838.14	897.88	46.49	0.00	0.00	0.00	0.00	85.66	388.82	520.97	-7.37
7	61.81	0.00	0.00	843.04	904.85	46.49	0.00	0.00	0.00	0.00	85.66	402.32	534.47	-7.29
8	59.70	0.00	195.78	848.04	1103.52	47.09	0.00	0.00	0.00	0.00	219.02	402.32	668.43	-4.77
9	61.19	0.00	195.78	854.44	1111.41	52.79	0.00	0.00	0.00	0.00	392.79	402.32	847.90	-4.77
10	61.19	0.00	195.78	853.14	1110.11	97.92	0.00	0.00	0.00	0.00	460.08	402.32	960.32	-4.77
11	61.19	0.00	489.44	911.14	1461.77	242.96	0.00	0.00	0.00	0.00	467.43	402.32	1112.71	-5.14
12	61.19	0.00	489.45	877.14	1427.78	246.61	0.00	0.00	0.00	0.00	593.46	399.32	1239.39	-4.77
13	61.19	0.00	342.62	855.14	1258.95	247.66	0.00	0.00	0.00	0.00	586.12	395.82	1229.60	-4.77
14	61.19	0.00	195.78	854.34	1111.31	247.87	0.00	0.00	0.00	0.00	490.68	392.32	1130.87	-4.77
15	61.19	0.00	489.44	857.84	1408.47	247.11	0.00	0.00	0.00	0.00	501.69	392.32	1141.12	-4.77
16	60.54	0.00	489.45	994.69	1544.68	244.24	0.00	0.00	0.00	0.00	525.44	392.32	1162.00	-4.77
17	60.54	0.00	342.61	1039.94	1443.09	239.34	0.00	0.00	0.00	0.00	491.90	392.32	1123.56	-4.77
18	60.54	0.00	0.00	1039.94	1100.48	232.82	0.00	0.00	0.00	0.00	430.72	393.07	1056.61	-4.77
19	59.29	0.00	0.00	1037.94	1097.23	141.48	0.00	0.00	0.00	0.00	391.56	518.82	1051.86	-4.77
20	59.29	0.00	0.00	1037.94	1097.23	139.49	0.00	0.00	0.00	0.00	401.37	516.32	1057.18	-5.33
21	243.79	0.00	0.00	1037.79	1281.58	139.49	0.00	0.00	0.00	0.00	258.19	513.82	911.50	-5.42
22	243.79	0.00	0.00	1037.94	1281.73	139.49	0.00	0.00	0.00	0.00	232.49	488.82	860.80	-5.42
23	334.71	0.00	0.00	1035.14	1369.85	46.49	0.00	0.00	0.00	0.00	307.13	488.82	842.44	-5.42
24	241.72	0.00	0.00	1035.14	1276.86	46.49	0.00	0.00	0.00	0.00	343.84	493.82	884.15	-5.42
MUs	2.272	0.000	3.426	22.080	27.778	3.125	0.000	0.000	0.000	0.000	8.409	10.122	21.657	-0.135

State Load Dispatch Center, Airoli (MSETCL)
Central Sector Share Receipt Statement for 30/Oct/2013

Time	Central Sector Share			C.S. Receipt (Incl. Bilateral Purchase) (MW)	Over Drawl(+)/ Under Drawl(-) (MW)	Frequency (Hz)
	NTPC+NPC+ TAPS (MW)	Bilateral Purchase (MW)	Total C.S. Share (MW)			
1	4251	553	4804	4916	112	49.89
2	4252	393	4645	4893	248	49.99
3	4247	285	4532	4800	268	49.93
4	4248	211	4459	4808	349	50.00
5	4250	197	4447	4971	524	49.96
6	4258	185	4443	4930	487	49.86
7	4269	187	4456	4665	209	49.88
8	4269	517	4786	5071	285	49.90
9	4380	698	5078	5270	192	49.96
10	4565	810	5375	5803	428	49.93
11	4717	1256	5973	6221	248	50.02
12	4689	1386	6075	6385	310	50.06
13	4875	1233	6108	6254	146	50.03
14	5038	991	6029	6285	256	50.07
15	5254	1295	6549	6947	398	49.88
16	5161	1315	6476	6821	345	49.95
17	5174	1130	6304	6490	186	49.93
18	5381	719	6100	5879	-221	49.87
19	5004	588	5592	5959	367	49.87
20	5306	595	5901	5893	-8	49.95
21	5544	636	6180	6220	40	49.97
22	5316	610	5926	5899	-27	50.05
23	4823	683	5506	5495	-11	49.98
24	4680	627	5307	5460	153	50.05
Mus	113.95	17.10	131.05	136.34	5.28	49.96

Central Sector Share & Drawal Summary (in Mus)		
	Daily	Monthly
Central Sector Share	131.05	3132.70
Receipt from Central Sector	119.24	2985.97
Bilateral Purchase	17.10	218.43
Total Central Sector Receipt with Bilateral Purchase	136.34	3204.40
Over Drawal (+) / Under Drawal (-)	5.28	71.70

Frequency Range Wise Analysis			
Frequency Range	C.S.Share (Mus)	C.S. Receipt (Mus)	Over(+)/ Under(-) Drawal
Above 50.5	0.00	0.00	0.00
50.2 to 50.5	0.00	0.00	0.00
49.8 to 50.2	131.05	136.34	5.28
49.5 to 49.8	0.00	0.00	0.00
49.0 to 49.5	0.00	0.00	0.00
Below 49.0	0.00	0.00	0.00

Note : The report is based on SCADA data & is for statistical purpose only.

State Load Dispatch Center, Airoli (MSETCL)

Hourly InterState Exchange Details for 30/Oct/2013

Time	Interstate Exchange Through															
	Gujrat					Madhya Pradesh				Chattisg	Maharashtra					
	220 KV Nasik-Navsary	220 KV Taps-Navsary	400 KV Dhule SS	400 KV Padgha Gandha	Total	220 KV Kalm-Sarni	400 KV Dhule-Khandw	400 KV Koradi-Satpur	Total	400 KV Bhilai-Koradi	400 KV Taps Padgha	Boisar 400/220 KV TR	400 KV Chdpr-Bhdrvat	400 KV Wardha - Akola	400 KV Parli(PG)-Parli(MS)	400 KV Parli(PG)-Solapur(P
1	110	-78	100	173	305	71	780	10	861	510	521	344	220	380	910	818
2	92	-104	90	166	244	61	770	10	841	520	507	337	221	366	915	835
3	98	-102	90	176	262	60	760	-10	810	510	526	337	178	345	930	818
4	80	-126	80	162	196	86	780	110	976	200	499	330	361	473	908	778
5	78	-147	80	142	153	70	760	40	870	530	466	327	374	476	964	724
6	64	-151	80	121	114	67	720	50	837	530	425	324	449	492	956	716
7	58	-183	40	114	29	61	750	20	831	530	412	302	461	478	902	637
8	92	-153	70	129	138	55	810	50	915	580	441	321	479	515	937	691
9	96	-140	40	131	127	74	850	50	974	590	429	359	527	557	972	688
10	117	-140	230	132	339	71	940	80	1091	620	442	419	600	591	958	688
11	151	-82	450	141	660	73	890	90	1053	610	484	446	645	606	981	782
12	199	-60	470	139	748	85	890	100	1075	610	455	512	630	642	932	776
13	140	-44	520	157	773	84	840	110	1034	580	487	446	569	587	927	828
14	182	-55	520	157	804	91	870	110	1071	580	487	438	566	595	913	852
15	180	-48	550	157	839	106	900	160	1166	610	487	464	726	869	922	853
16	190	-71	500	128	747	88	860	110	1058	620	433	468	816	968	939	791
17	183	-83	500	117	717	68	840	60	968	600	414	489	657	943	916	743
18	131	-63	470	153	691	62	750	70	882	520	480	394	380	845	855	852
19	114	-55	400	133	592	93	790	110	993	520	443	444	306	968	942	775
20	134	-36	390	149	637	83	770	80	933	500	472	485	260	875	877	868
21	133	-11	460	190	772	76	780	80	936	490	547	454	331	865	845	986
22	121	-21	420	176	696	65	760	30	855	500	522	440	240	837	816	948
23	94	-66	190	142	360	47	800	-10	837	490	459	431	257	798	880	935
24	89	-100	50	119	158	49	880	-10	919	510	418	411	359	870	844	890
Mus	2.93	-2.12	6.79	3.50	11.10	1.75	19.54	1.50	22.79	12.86	11.26	9.72	10.61	15.94	21.94	19.27

Time	Maharashtra			Others				Total Exchange	HVDC Flow I	HVDC Flow II	Total HVDC	Mumbai Schedule	Mumbai Net Exchange
	Spare 1	Spare 2	Total	TAPs 1 & 2	RGPL Injection	Pench Excess	Export to Goa						
1	0	0	3193	313	0	0	-266	4916	350	350	700	-889	-663
2	0	0	3181	314	0	0	-207	4893	350	350	700	-729	-553
3	0	0	3134	313	0	0	-229	4800	250	250	500	-621	-483
4	0	0	3349	313	0	0	-226	4808	400	400	800	-548	-419
5	0	0	3331	313	0	0	-226	4971	500	500	1000	-533	-376
6	0	0	3362	313	0	0	-226	4930	500	500	1000	-521	-365
7	0	0	3192	314	0	-20	-211	4665	500	500	1000	-534	-368
8	0	0	3384	314	0	-20	-240	5071	500	500	1000	-668	-495
9	0	0	3532	315	0	-20	-248	5270	500	500	1000	-848	-682
10	0	0	3698	315	0	-20	-240	5803	500	500	1000	-960	-786
11	0	0	3944	314	0	-14	-346	6221	550	550	1100	-1113	-1029
12	0	0	3947	314	0	0	-309	6385	550	550	1100	-1239	-1115
13	0	0	3844	314	0	0	-291	6254	550	550	1100	-1230	-1143
14	0	0	3851	314	0	0	-335	6285	600	600	1200	-1131	-1064
15	0	0	4321	313	0	0	-302	6947	650	650	1300	-1141	-1093
16	0	0	4415	312	0	0	-331	6821	650	650	1300	-1162	-1099
17	0	0	4162	312	0	0	-269	6490	425	425	850	-1124	-1084
18	0	0	3806	313	0	-2	-331	5879	425	425	850	-1057	-1051
19	0	0	3878	313	0	-17	-320	5959	425	425	850	-1052	-1075
20	0	0	3837	314	0	-8	-320	5893	425	425	850	-1057	-1013
21	0	0	4028	314	0	0	-320	6220	425	425	850	-911	-918
22	0	0	3803	314	0	0	-269	5899	425	425	850	-861	-841
23	0	0	3760	314	0	0	-266	5495	425	425	850	-842	-781
24	0	0	3792	314	0	0	-233	5460	550	550	1100	-884	-752
Mus	0.00	0.00	88.74	7.53	0.00	-0.12	-6.56	136.34	11.42	11.42	22.85	-21.66	-19.25

State Load Dispatch Center, Airoli (MSETCL)

Hourly Generation Details for 30/Oct/2013

Time	MSPGCL Thermal Generation																	
	Khaperkheda						Chandrapur							Koradi				
	U-1	U-2	U-3	U-4	U-5	Total	U-1	U-2	U-3	U-4	U-5	U-6	U-7	Total	U-5	U-6	U-7	Total
1	0	105	120	141	215	581	115	129	113	120	0	417	0	894	118	130	117	365
2	0	105	120	126	210	561	118	125	110	120	0	420	0	893	120	100	105	325
3	0	110	120	127	195	552	110	120	95	120	0	425	0	870	100	77	115	292
4	0	115	120	128	175	538	108	120	60	71	0	420	0	779	110	115	80	305
5	0	120	120	126	165	531	100	95	48	70	0	415	0	728	110	115	75	300
6	0	125	101	131	150	507	75	77	50	70	0	405	0	677	110	57	115	282
7	0	95	80	104	150	429	68	79	34	71	0	425	0	677	110	0	115	225
8	0	85	3	105	150	343	65	62	50	80	0	425	0	682	130	0	110	240
9	0	85	0	105	130	320	69	0	68	98	0	440	0	675	120	0	120	240
10	0	75	0	105	110	290	53	0	77	98	0	410	0	638	120	0	105	225
11	0	85	0	103	124	312	54	10	96	97	0	415	0	672	120	0	120	240
12	0	75	0	101	131	307	56	57	95	93	0	395	0	696	100	0	115	215
13	0	85	0	100	128	313	55	46	115	93	0	425	0	734	110	0	115	225
14	0	95	0	126	126	347	56	60	68	93	0	425	0	702	130	0	135	265
15	0	85	0	143	146	374	55	57	96	100	0	415	0	723	120	0	135	255
16	0	90	0	152	150	392	50	52	94	102	0	420	0	718	130	0	125	255
17	0	110	0	148	132	390	50	58	96	104	0	425	0	733	125	0	140	265
18	0	125	0	146	171	442	53	66	89	96	0	420	0	724	125	0	130	255
19	0	105	0	140	200	445	56	74	79	100	0	410	0	719	128	0	135	263
20	0	125	0	156	232	513	75	87	107	109	0	410	0	788	134	0	135	269
21	0	135	0	163	294	592	92	105	120	113	0	405	0	835	132	0	130	262
22	0	150	8	163	309	630	103	100	96	113	0	420	0	832	130	0	130	260
23	0	150	67	165	335	717	111	110	101	117	0	420	0	859	134	0	145	279
24	0	110	112	165	358	745	115	112	92	116	0	407	0	842	100	0	134	234
Mus	0.00	2.54	0.97	3.17	4.49	11.17	1.86	1.80	2.05	2.36	0.00	10.01	0.00	18.09	2.87	0.59	2.88	6.34

Time	MSPGCL Thermal Generation																	Thermal Total	
	Bhusawal					Nasik				Parali					Paras				
	U-2	U-3	U-4	U-5	Total	U-3	U-4	U-5	Total	U-3	U-4	U-5	U-6	U-7	Total	U-3	U-4		Total
1	150	135	230	0	515	0	172	169	341	0	143	149	158	160	610	192	183	375	3681
2	150	135	235	0	520	0	167	170	337	0	149	152	153	158	612	208	198	406	3654
3	155	135	215	0	505	0	165	171	336	0	149	149	159	159	616	205	195	400	3571
4	150	140	230	0	520	0	167	174	341	0	149	155	160	159	623	203	188	391	3497
5	150	135	240	0	525	0	164	170	334	0	143	155	160	158	616	182	182	364	3398
6	150	145	220	0	515	0	165	173	338	0	146	158	153	158	615	188	179	367	3301
7	145	140	230	0	515	0	161	184	345	0	152	160	152	162	626	177	180	357	3174
8	145	140	245	0	530	0	169	195	364	0	152	160	160	163	635	180	165	345	3139
9	140	150	250	0	540	0	167	192	359	0	146	149	160	160	615	165	174	339	3088
10	145	145	255	0	545	0	169	194	363	0	135	160	163	161	619	175	174	349	3029
11	145	145	240	0	530	0	171	190	361	0	140	163	165	158	626	165	174	339	3080
12	145	145	215	0	505	0	172	191	363	0	135	152	158	156	601	176	168	344	3031
13	140	145	210	0	495	0	172	190	362	0	140	155	159	157	611	178	174	352	3092
14	140	140	210	0	490	0	172	192	364	0	140	152	154	158	604	157	171	328	3100
15	140	145	205	0	490	0	171	189	360	0	146	146	149	157	598	168	177	345	3145
16	140	145	205	0	490	0	167	190	357	0	146	149	145	158	598	162	174	336	3146
17	145	145	210	0	500	0	161	193	354	0	126	157	147	145	575	163	169	332	3149
18	145	140	230	0	515	0	160	171	331	0	115	155	155	156	581	170	184	354	3202
19	145	140	230	0	515	0	160	165	325	0	115	158	151	157	581	172	191	363	3211
20	145	135	225	0	505	0	160	184	344	0	112	157	151	151	571	176	197	373	3363
21	140	125	220	0	485	0	170	185	355	0	129	155	149	158	591	173	191	364	3484
22	135	130	235	0	500	0	164	190	354	0	129	152	153	156	590	173	193	366	3532
23	140	130	235	0	505	0	160	192	352	0	126	152	160	157	595	183	213	396	3703
24	135	140	240	0	515	0	169	183	352	0	143	144	160	160	607	190	217	407	3702
Mus	3.46	3.35	5.46	0.00	12.27	0.00	4.00	4.40	8.39	0.00	3.31	3.69	3.73	3.78	14.52	4.28	4.41	8.69	79.47

State Load Dispatch Center, Airoli (MSETCL)

Hourly Generation Details for 30/Oct/2013

Time	MSPGCL Hydro Generation															Total Hydro	Uran All Units	Pench (MS)	REL 1 & 2
	Koyna				Total Koyn	KDP H	Ghat ghar	Tillari	Bhira TR	Vaitarna	Bhandardar	Paithan	Bhatghar/Veer	Rdnagri/Bhat	Eldary				
	Stage 1&2	Stg. 4	Stage 1,2,4	Stg. 3															
1	190	280	470	8	478	0	0	0	0	0	0	21	0	15	8	522	488	0	522
2	70	202	272	0	272	0	0	0	0	0	0	21	0	15	8	316	487	0	518
3	45	211	256	0	256	0	0	0	0	0	0	21	0	15	7	299	492	0	519
4	85	219	304	0	304	0	0	0	0	0	0	21	0	15	8	348	490	0	518
5	315	216	531	0	531	0	0	0	0	0	0	21	0	15	7	574	475	0	520
6	515	464	979	14	993	0	0	0	0	0	0	21	0	15	8	1037	501	0	520
7	540	550	1090	148	1238	0	0	0	0	0	0	21	0	15	9	1283	494	20	519
8	560	558	1118	238	1356	0	0	0	21	0	0	21	0	15	0	1413	498	20	520
9	520	553	1073	240	1313	0	0	58	41	0	0	21	0	15	0	1448	487	20	521
10	580	741	1321	240	1561	0	0	57	41	0	0	21	0	15	0	1695	478	20	521
11	560	927	1487	240	1727	0	0	54	41	0	0	21	0	16	0	1859	462	14	521
12	570	1107	1677	240	1917	0	0	0	41	0	0	21	0	16	0	1995	454	0	521
13	465	1120	1585	240	1825	0	0	0	41	0	0	21	0	16	0	1903	456	0	522
14	325	1070	1395	240	1635	0	0	0	0	0	0	21	0	16	0	1672	447	0	520
15	315	1124	1439	222	1661	0	0	0	0	0	0	21	0	16	0	1698	443	0	518
16	590	1081	1671	240	1911	0	0	0	0	0	0	21	0	16	0	1948	454	0	519
17	570	1012	1582	240	1822	0	0	0	0	0	0	21	0	16	0	1859	453	0	520
18	150	539	689	240	929	0	0	0	0	0	0	21	0	16	0	966	459	2	518
19	485	827	1312	240	1552	0	0	0	20	0	0	21	0	16	0	1609	462	17	519
20	360	619	979	240	1219	0	0	0	41	0	0	20	0	16	0	1296	464	8	518
21	85	289	374	240	614	0	0	0	41	0	0	20	0	16	0	691	471	0	520
22	40	280	320	240	560	0	0	0	41	0	0	20	0	16	0	637	472	0	521
23	40	280	320	240	560	0	0	0	20	0	0	20	0	16	0	616	479	0	522
24	75	259	334	240	574	0	0	0	0	0	0	20	0	16	0	610	480	0	521
Mus	8.05	14.53	22.58	4.23	26.81	0.00	0.00	0.17	0.39	0.00	0.00	0.50	0.00	0.37	0.06	28.29	11.35	0.12	12.48

Time	TPCL								WIND Injection Near				State Total Generati
	Hydro	Unit 4	Unit 5	Unit 6	Unit 7A	Unit 7B	Unit 8	Total	Karad	Nasik	VKM	Total	
1	28	0	487	0	101	63	251	930	53	29	14	96	9008
2	0	0	453	0	102	63	250	868	39	33	27	99	8716
3	0	0	416	0	101	62	251	830	35	31	19	85	8566
4	9	0	401	0	102	63	251	826	33	16	3	52	8505
5	0	0	419	0	102	63	251	835	36	4	3	43	8633
6	12	0	481	0	101	63	252	909	44	8	0	52	9095
7	58	0	495	0	112	65	251	981	64	9	0	73	9344
8	24	0	499	0	129	71	250	973	56	5	0	61	9414
9	126	0	501	0	129	72	252	1080	52	5	0	57	9508
10	402	0	501	0	128	72	251	1354	38	1	0	39	9978
11	440	0	502	0	125	71	241	1379	43	3	0	46	10273
12	436	0	504	0	125	71	240	1376	29	6	0	35	10346
13	404	0	495	0	121	70	244	1334	26	8	0	34	10205
14	427	0	500	0	122	71	243	1363	24	7	0	31	10003
15	444	0	497	0	122	70	243	1376	22	13	20	55	9605
16	443	0	500	0	122	70	245	1380	27	5	1	33	9763
17	451	0	502	0	123	70	245	1391	39	4	1	44	9780
18	443	0	503	0	123	71	245	1385	64	14	1	79	8951
19	471	0	503	0	124	70	244	1412	66	16	0	82	9811
20	446	0	503	0	125	71	244	1389	64	18	0	82	9598
21	408	0	504	0	120	69	245	1346	51	22	0	73	9071
22	368	0	502	0	114	67	245	1296	70	20	0	90	8994
23	271	0	502	0	115	68	241	1197	146	20	0	166	9125
24	135	0	498	0	113	67	242	1055	140	35	0	175	8976
Mus	6.25	0.00	11.67	0.00	2.80	1.63	5.92	28.26	1.26	0.33	0.09	1.68	225.27

**State Load Dispatch Center,Airoli (MSETCL)
Hourly Generation Details of CPP for 30/Oct/2013**

TIME	CPP	CPP	CPP	CPP	CPP	CPP	CPP	CPP	CPP	CPP	Total
	AAEL	Abhije et	Adani	FINOL EX	JSW BOISR	JSW JAIGA	LMEL	OTHE RS	SOLA R	WARD HA	
1	2	49	1640	4	5	739	9	87	0	234	2769
2	0	51	1640	4	5	744	5	87	0	238	2774
3	0	50	1640	4	5	745	4	87	0	235	2770
4	0	50	1640	4	5	743	9	87	0	236	2774
5	0	50	1650	4	5	745	10	87	0	237	2788
6	0	51	1640	4	5	743	12	87	0	233	2775
7	0	50	1660	4	4	750	10	87	0	235	2800
8	0	50	1640	4	4	748	11	87	10	236	2790
9	0	50	1630	4	4	749	11	87	37	235	2807
10	0	50	1640	4	4	747	9	87	68	233	2842
11	0	51	1690	4	4	746	8	87	87	235	2912
12	0	50	1690	4	4	746	10	87	107	236	2934
13	0	47	1650	4	4	746	10	87	81	235	2864
14	0	42	1640	4	4	750	9	87	102	232	2870
15	0	45	1220	4	4	750	8	86	24	229	2370
16	0	43	1120	4	4	751	8	86	46	221	2283
17	4	43	1220	4	4	751	10	86	15	227	2364
18	6	42	1200	4	4	756	8	86	2	232	2340
19	7	43	1230	3	4	881	10	86	0	235	2499
20	7	44	1210	3	4	883	10	86	0	231	2478
21	8	43	1220	3	4	879	12	86	0	231	2486
22	7	44	1210	3	4	854	10	86	0	228	2446
23	8	43	1210	3	0	854	11	86	0	227	2442
24	8	43	1200	3	4	850	10	86	0	229	2433
Total	0.06	1.12	35.13	0.09	0.10	18.65	0.22	2.08	0.58	5.58	63.61

State Load Dispatch Center, Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 30/Oct/2013

Position as on 6.30 Hrs of 31/Oct/2013

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Parli Unit 3	210	13/02/2013	23.50		Continued.	Water Shortage	
Chandrapur Unit 5	500	14/07/2013	00.01		Continued.	Annual Overhaul	
CPP WPCL U-2	135	16/10/2013	05.15		Continued.	Maint.Work.	
FORCED OUTAGE							
Dabhol 3B	230	28/05/2013	21.58		Continued.	Gas shortage.	
Dabhol 1B	230	28/05/2013	22.02		Continued.	Gas shortage.	
Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
Dabhol 3X	290	06/06/2013	08.28		Continued.	Gas Shortage	
Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
Tata Trombay 6	500	19/07/2013	23.54		Continued.	Economic shut down.	
Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
CPP WPCL U-3	135	16/09/2013	21.19		Continued.	ESP Bag filter repl.	
CPP VIPL	300	02/10/2013	00.45		Continued.	Turbine bearing vibration high.	02/11/2013
Uran Unit 5	108	05/10/2013	07.26		Continued.	Gas Shortage	
Bhusawal Unit 5	500	18/10/2013	15.16		Continued.	ESP Problem.	
CPP JSW (J) U2	300	21/10/2013	00.00		Continued.	Lack of Shedule.	
Koyna Unit 11	80	22/10/2013	00.02		Continued.	Trash Track Work	04/11/2013
CPP INDIABULLS	270	22/10/2013	13.32		Continued.	Boiler Problem.	
Nasik Unit 3	210	26/10/2013	22.45	31/10/2013	02.40	UAT Buchholz operated	
Chandrapur Unit 7	500	27/10/2013	09.01	31/10/2013	04.47	Boiler Tube Leakage.	
Khaparkheda Unit 1	210	28/10/2013	20.37		Continued.	Coal Mill Problem.	
Koradi Unit 6	210	30/10/2013	05.45		Continued.	Bunkering Problem.	
Khaparkheda Unit 3	210	30/10/2013	07.05	30/10/2013	21.45	Low Drum Level	
Chandrapur Unit 2	210	30/10/2013	07.42	30/10/2013	10.43	Furnace Pressure High	
CPP Adani U-3	660	30/10/2013	14.25		Continued.	R Phase HV Bushing of GT3 Burst	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Oct/2013

Position as on 6.30 Hrs of 31/Oct/2013

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
765 KV Wardha - Seoni - I	21/10/2013	17.57		Continued.	Over Voltage.
Kolhapur - Mapusa - II	26/10/2013	17.35	30/10/2013	10.42	over voltage
Lamboti - Solapur (PGCIL)	29/10/2013	17.40	30/10/2013	06.48	Over Voltage.
Dhule-Sar'Sarovar - I	29/10/2013	22.16	30/10/2013	09.23	Over Voltage.
Solapur - Solapur (PG)	30/10/2013	19.09	31/10/2013	06.13	Over Voltage
Kolhapur-Mapusa-II	30/10/2013	21.27		Continued.	Over Voltage
Dhule-Sar'Sarovar - I	30/10/2013	23.21		Continued.	Over Voltage
Kolhapur-Solapur(PGCIL)-I	31/10/2013	00.38		Continued.	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Kolhapur-Solapur(PGCIL)-I	29/10/2013	12.29	30/10/2013	11.55	Y-Ph LA Burst at K'pur end.
Koradi-Bhilai	30/10/2013	03.21	30/10/2013	03.57	Dist prot at Karadi end.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Dabhol - New Koyna - I	26/09/2013	18.50		Continued.	Chattering Noise at Loc.No.47
50 MVAR Reactor on 400 KV Bhusawal - II	30/09/2013	12.55		Continued.	Complete Overhauling and testing work.(For 17 days.)
TBC at Khadka	07/10/2013	17.38		Continued.	TBC BKR,B-pole stuck up existing BHEL BKR,to be repl by CGL make due to foundation mismatch.
TBC @ Kharghar	23/10/2013	10.30		Continued.	Isolator work
Main Bus-I at Stage-4 Koyna.	30/10/2013	08.28	30/10/2013	16.45	Tan Delta of CVT
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Chalisingaon-Khadka II	07/10/2013	11.37		Continued.	Modification of existing Khadka-Chalisingaon line.
Butibori MIDC - Vipl ckt - III (Gis Bay)	21/10/2013	15:07		Continued.	To Attend Oil Leakage from B Ph Bushing.
Butibori MIDC - Vipl ckt - IV (Gis Bay)	21/10/2013	15:07		Continued.	To Attend Oil Leakage from B Ph Bushing.
M'Peth -Vankuswade	30/10/2013	09.25	30/10/2013	16.52	Replacement of Old Insulator
220/132KV 200MVA ICT-I @ Raymond	30/10/2013	09.43	30/10/2013	18.11	Q.M.Work
Kalwa-Temghar	30/10/2013	09.45	30/10/2013	14.35	Replacement of Faulty spring charging Motor of CB pole
Karad-Mudsingi-IV	30/10/2013	10.25	30/10/2013	12.56	Insulator replacement
Vita - Lamboti	30/10/2013	16.40	30/10/2013	18.32	Replacement of Faulty Insulator
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Aarey - Saki - I	30/10/2013	23.46		Continued.	Emergency outage
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220 KV 100 MVA Spare Unit @ Koradi	12/07/2012	07.11		Continued.	Main Buchholz prot.operated
Dabhol-Nagothane - II	28/09/2013	21:34		Continued.	Over Voltage.
Deepnagar-Aurangabad-I	25/10/2013	17.37		Continued.	Hand tripped for Over Voltage
Bhusawal- Aurangabad	29/10/2013	17.19	30/10/2013	10.37	Over Voltage.
Chandrapur - Parli - II	29/10/2013	17.43		Continued.	Over Voltage.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Oct/2013

Position as on 6.30 Hrs of 31/Oct/2013

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Karad - Kolhapur - II	29/10/2013	21.49	30/10/2013	11.33	Over Voltage.
Lonikand- Koyna Stage IV	30/10/2013	03.12	30/10/2013	08.30	Over Voltage
Bhusawal- Aurangabad	30/10/2013	17.05		Continued.	Over Voltage
Karad - Kolhapur - II	30/10/2013	18.21		Continued.	Over Voltage
Lonikand- Koyna Stage IV	31/10/2013	02.00		Continued.	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Bhusawal - Deepnagar - II	26/10/2013	18.50		Continued.	over voltage
Warora-Tiroda-I	30/10/2013	14.25	30/10/2013	14.46	R Phase bushing of GT3 Burst
Voltage Level : 220KV			Outage Type TRIPPED		
220/100 KV,200MVA ICT - I at Padgha	07/06/2013	17.48		Continued.	Diff.Protection
Miraj -Ichalkarajni	26/09/2013	22.00		Continued.	Over Load
Talandge - Sawantwadi - II.	29/10/2013	17.30		Continued.	Dist Prot.

State Load Dispatch Center, Airoli (MSETCL)
400 KV Voltage Profile of MSETCL System for the date 30/Oct/2013

Name of Substation	MAXIMUM		MINIMUM	
	Voltage (in KV)	At Time (Hrs)	Voltage (in KV)	At Time (Hrs)
AKOLA	426	22:00	406	11:00
AURANGABAD	428	19:00	401	11:00
BABHALESHWAR	417	17:00	396	10:00
BHUSAVAL	431	19:00	411	11:00
CHANDRAPUR	424	06:00	411	11:00
DHULE	424	20:00	396	09:00
JEJURI	424	03:00	393	11:00
KALWA	432	04:00	404	17:00
KARAD	432	04:00	410	11:00
KHARGHAR	423	05:00	399	11:00
KOLHAPUR	431	24:00	398	11:00
KORADI	427	22:00	413	09:00
LAMBOTI	427	19:00	400	11:00
LONIKHAND	426	04:00	395	11:00
NAGOTHANE	424	05:00	401	11:00
NEW KOYNA	427	24:00	410	11:00
PADGHA	425	04:00	395	12:00
PARLI	419	19:00	399	11:00