

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.

Maharashtra State Load Despatch Centre, Kalwa

To,
Hon. Energy Minister/ Chief Secretary/ Energy Secretary.
Maharashtra State, Mumbai.

Sub: Report of the Power System position for the period 10-Dec-12 To 16-Dec-12

Date	Monday 10-Dec-12	Tuesday 11-Dec-12	Wednesday 12-Dec-12	Thursday 13-Dec-12	Friday 14-Dec-12	Saturday 15-Dec-12	Sunday 16-Dec-12
On Line Capacity (MW)							
MSPGCL THM	5020	4822	4728	4429	4521	5004	4900
MSPGCL HY	1075	1074	1077	1075	1131	1132	1116
MSPGCL GAS	310	340	310	315	315	430	430
MSPGCL TOTAL	6405	6236	6115	5819	5967	6566	6446
Cent. Sect.(incl. RGPPL)	5404	5505	5274	5243	4960	4990	4843
MSPGCL + CS	11809	11741	11389	11062	10927	11556	11289
TPCL	1748	1748	1748	1748	1748	1748	1748
REL	500	500	500	500	500	500	500
TPCL + REL	2248	2248	2248	2248	2248	2248	2248
CPP	1230	1230	1192	1160	1194	1192	1276
STATE OLC	15287	15219	14829	14470	14369	14996	14813
Morning Peak Demand (MW)	12 Hrs	12 Hrs	12 Hrs	12 Hrs	11 Hrs	12 Hrs	12 Hrs
MSPGCL THM	5076	4620	4981	4413	4554	4743	5006
MSPGCL HY	672	1534	1248	1761	1723	1164	754
MSPGCL GAS	307	324	317	314	326	418	421
MSPGCL TOTAL	6055	6478	6546	6488	6603	6325	6181
Cent. Sect.(incl. RGPPL)	6577	6052	6150	5570	5824	5505	5706
Wind	18	25	14	32	21	100	404
CPP	1667	1696	1697	1727	1734	1740	1704
TPCL Asst	-478	-569	-507	-453	-477	-428	-356
MSEDCL Catered	13839	13682	13900	13364	13705	13242	13639
Load Shedding (LS)	852	813	748	811	567	782	876
MSEDCL Demand(Incl LS)	14691	14495	14648	14175	14272	14024	14515
TPCL + REL Dem.	2747	2700	2648	2588	2564	2461	1961
State Demand (Incl LS)	17438	17195	17296	16763	16836	16485	16476
Sys. Freq. (Hz)	49.92	49.98	49.88	49.95	49.98	49.95	49.9
Evening Peak Demand (MW)	17 Hrs	17 Hrs	17 Hrs	17 Hrs	17 Hrs	17 Hrs	19 Hrs
MSPGCL THM	5058	4466	4412	4371	4609	5063	5273
MSPGCL HY	860	1026	939	968	456	328	282
MSPGCL GAS	316	319	318	315	427	414	425
MSPGCL TOTAL	6234	5811	5669	5654	5492	5805	5980
Cent. Sect.(incl. RGPPL)	5521	5892	5944	5632	5698	5567	4928
Wind	234	217	101	112	30	52	172
CPP	1707	1690	1695	1772	1734	1740	1622
TPCL Asst	-546	-479	-430	-470	-425	-382	-374
MSEDCL Catered	13163	13131	12979	12700	12529	12782	12361
Load Shedding (LS)	549	492	517	482	519	499	425
MSEDCL Demand(Incl LS)	13712	13623	13496	13182	13048	13281	12786
TPCL + REL Dem.	2691	2591	2507	2477	2477	2297	2039
State Demand (Incl LS)	16403	16214	16003	15659	15525	15578	14825
Sys. Freq. (Hz)	50	50.1	49.88	49.95	49.96	50.01	50.05

Copy s.w.rs to : M.D. (MSETCL) / Director (OP), MSETCL, Mumbai.

Copy to : S.E. (LM), MSEDCL, Mumbai.

Chief Engineer
MSLDC, Kalwa

SLDC,KALWA

MSPGCL WEEKLY FORCED & PLANNED UNIT OUTAGES

WEEK	10-Dec-12	TO	16-Dec-12
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A) (UNITWISE PLANNED/FORCED OUTAGE POSITION @ 05:30 HRS. OF THE DAY OF (MSPGCL THERMAL UNITS ONLY)

Sr.No	Date	10-Dec-2012		11-Dec-2012		12-Dec-2012		13-Dec-2012		14-Dec-2012		15-Dec-2012		16-Dec-2012	
	Day	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY		SUNDAY	
	Outage Type	PLANNED	FORCED	PLANNED	FORCED	PLANNED	FORCED	PLANNED	FORCED	PLANNED	FORCED	PLANNED	FORCED	PLANNED	FORCED
1	NASIK	*	*	*	*	*	4	*	4	*	4	*	*	*	*
2	KORADI	5	*	5	*	5	*	5	*	5	*	5	*	5	*
3	KHAPERKHEDA	*	3	*	3	*	3	*	3	*	3	*	3	*	3
4	PARALI	4	6	4	6	4	6	4	6	4	6	4	6	4	6
5	CHANDRAPUR	*	*	*	*	*	*	*	2	*	2	*	2	*	2
6	BHUSAVAL	*	2,4	*	2,4	*	2,4	*	2,4	*	2	*	2	*	2
7	PARAS	*	*	*	*	*	*	*	*	*	*	*	*	*	*

REMARKS:- 1)THIS INFORMATION TO BE VERIFIED FROM CGM.(GEN.WORKS) MSPGCL,H.O. MUMBAI REPORT BEFORE SUBMITTING TO THE CABINET COMMITTEE

2) URAN GTPS UNITS ARE KEPT SHUT OR ON STAND BY MODE DUE TO GAS SHORTAGE.

3) Koradi U-1 to 4, Paras U-2, Parli U-1,2, Bhusawal U-1 and Nasik 1,2 are withdrawn being a vintage units.

B) WEEKLY CENTRAL SECTOR SHARE/DRAWL(IN MUs)

DATE	DAY	CENT.SECT. SHARE(INCL.TPCL)		TOTAL BILATERAL PURCHASE(MSEDCL)		TOTAL SHARE		TOTAL DRAWL		OVERDRAWL(+) UNDREDAWL(-)	
		MUs	AVG. MW	MUs	AVG. MW	MUs	AVG. MW	MUs	AVG. MW	MUs	AVG. MW
		1		2		1+2=3		4		3-4=5	
10-Dec-2012	MONDAY	84.725	3530	42.873	1786	127.598	5317	132.361	5515	4.763	198
11-Dec-2012	TUESDAY	85.248	3552	39.829	1660	125.077	5212	129.937	5414	4.860	203
12-Dec-2012	WEDNESDAY	80.589	3358	43.853	1827	124.442	5185	128.996	5375	4.554	190
13-Dec-2012	THURSDAY	77.496	3229	42.922	1788	120.418	5017	124.594	5191	4.176	174
14-Dec-2012	FRIDAY	75.156	3132	41.897	1746	117.053	4877	121.017	5042	3.964	165
15-Dec-2012	SATURDAY	76.730	3197	43.184	1799	119.914	4996	121.163	5048	1.249	52
16-Dec-2012	SUNDAY	72.757	3032	44.702	1863	117.459	4894	117.616	4901	0.157	7
	TOTAL	552.701		299.260		851.961		875.684		23.723	

Details of Koyna Water Consumption (In TMC)

DATE	For the Day	For the Month	Balance
10-Dec-12	0.115	1.738	32.551
11-Dec-12	0.286	2.024	32.265
12-Dec-12	0.230	2.254	32.035
13-Dec-12	0.270	2.524	31.765
14-Dec-12	0.244	2.768	31.521
15-Dec-12	0.111	2.879	31.410
16-Dec-12	0.050	2.929	31.360

Supply Position During Evening Peak (MW)

Date	Time	MSEDCL Generation				Central Sector Receipt	WIND	CPP	TPCL Exch	MSEDCL Catered Demand	Load Shedding (LS).	MSEDCL Demand (Incl LS)	TPCL Gen.	REL Gen.	State demand met	State Demand (Incl LS)	Freq.
		Thermal	Hydro	Gas	Total												
		MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	Hzs
10-Dec-12	17	5058	860	316	6234	5521	234	1707	-546	13163	549	13712	1618	527	15854	16403	50.00
11-Dec-12	17	4466	1026	319	5811	5892	217	1690	-479	13131	492	13623	1584	528	15722	16214	50.10
12-Dec-12	17	4412	939	318	5669	5944	101	1695	-430	12979	517	13496	1550	527	15486	16003	49.88
13-Dec-12	17	4371	968	315	5654	5632	112	1772	-470	12700	482	13182	1480	527	15177	15659	49.95
14-Dec-12	17	4609	456	427	5492	5698	30	1734	-425	12529	519	13048	1524	528	15006	15525	49.96
15-Dec-12	17	5063	328	414	5805	5567	52	1740	-382	12782	499	13281	1388	527	15079	15578	50.01
16-Dec-12	19	5273	282	425	5980	4928	172	1622	-374	12361	425	12786	1136	529	14400	14825	50.05
Maximum		5273	1026	427	6234	5944	234	1772	-374	13163	549	13712	1618	529	15854	16403	50.10
Minimum		4371	282	315	5492	4928	30	1622	-546	12361	425	12786	1136	527	14400	14825	49.88
Average		4750	694	362	5806	5597	131	1709	-444	12806	498	13304	1469	528	15246	15744	49.99

Supply Position During Morning Peak (MW)

Date	Time	MSEDCL Generation				Central Sector Receipt	WIND	CPP	TPCL Exch	MSEDCL Catered Demand	Load Shedding (LS).	MSEDCL Demand (Incl LS)	TPCL Gen.	REL Gen.	State demand met	State Demand (Incl LS)	Freq.
		Thermal	Hydro	Gas	Total												
		MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	Hzs
10-Dec-12	12	5076	672	307	6055	6577	18	1667	-478	13839	852	14691	1743	526	16586	17438	49.92
11-Dec-12	12	4620	1534	324	6478	6052	25	1696	-569	13682	813	14495	1604	527	16382	17195	49.98
12-Dec-12	12	4981	1248	317	6546	6150	14	1697	-507	13900	748	14648	1614	527	16548	17296	49.88
13-Dec-12	12	4413	1761	314	6488	5570	32	1727	-453	13364	811	14175	1607	528	15952	16763	49.95
14-Dec-12	11	4554	1723	326	6603	5824	21	1734	-477	13705	567	14272	1558	529	16269	16836	49.98
15-Dec-12	12	4743	1164	418	6325	5505	100	1740	-428	13242	782	14024	1504	529	15703	16485	49.95
16-Dec-12	12	5006	754	421	6181	5706	404	1704	-356	13639	876	14515	1076	529	15600	16476	49.90
Maximum		5076	1761	421	6603	6577	404	1740	-356	13900	876	14691	1743	529	16586	17438	49.98
Minimum		4413	672	307	6055	5505	14	1667	-569	13242	567	14024	1076	526	15600	16476	49.88
Average		4770	1265	347	6382	5912	88	1709	-467	13624	778	14403	1529	528	16149	16927	49.94

Details of Supply Position (MUs)

Date	MSEDCL Generation					Central Sector Receipt	Central Sector Share	WIND	CPP	TPCL Gen	R-Infra Gen	TPCL Exch	Energy Requirement			
	Thermal	Hydro	Gas	Pench(MS)	Total								MSEB	TPCL	REL	State
10-Dec-12	118.949	8.875	7.706	0.202	135.732	132.361	127.598	3.307	40.188	31.267	12.160	-10.670	300.918	36.126	17.968	355.012
11-Dec-12	111.162	16.602	7.810	0.195	135.769	129.937	125.077	2.807	39.938	30.748	12.655	-9.766	298.685	35.564	17.606	351.855
12-Dec-12	112.437	13.897	7.820	0.198	134.352	128.996	124.442	1.741	39.903	30.738	12.624	-8.193	296.797	34.680	16.873	348.350
13-Dec-12	106.138	17.068	7.849	0.217	131.272	124.594	120.418	3.026	41.744	29.942	12.665	-7.663	292.968	33.685	16.583	343.236
14-Dec-12	108.411	15.004	9.179	0.207	132.801	121.017	117.053	1.647	40.967	30.122	12.675	-7.582	288.849	33.627	16.750	339.226
15-Dec-12	116.130	9.304	10.413	0.175	136.022	121.163	119.914	3.262	40.691	27.751	12.377	-7.941	293.197	32.098	15.969	341.264
16-Dec-12	117.849	7.051	10.406	0.166	135.472	117.616	117.459	6.064	40.161	23.730	12.384	-6.250	293.063	28.029	14.331	335.423
Maximum	118.949	17.068	10.413	0.217	136.022	132.361	127.598	6.064	41.744	31.267	12.675	-6.250	300.918	36.126	17.968	355.012
Minimum	106.138	7.051	7.706	0.166	131.272	117.616	117.053	1.647	39.903	23.730	12.160	-10.670	288.849	28.029	14.331	335.423
Average	113.011	12.543	8.740	0.194	134.489	125.098	121.709	3.122	40.513	29.185	12.506	-8.295	294.925	33.401	16.583	344.909

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.

Maharashtra State Load Despatch Centre, Kalwa
Information for Weekly Cabinet Meeting

For the Week

10-Dec-12

to

16-Dec-12

Demand Supply Summary

	Morning Peak (MW)	Evening Peak (MW)
Average Peak Demand	14403	13304
Average Peak Supply	13624	12806
Average Load Relief (LS)	778	498

Average Supply Summary

	Morning Peak (MW)	Evening Peak (MW)	Mus
Thermal	4770	4750	113.01
Gas	347	362	8.74
Hydro	1265	694	12.54
CS Drawal (Total)	5912	5597	125.10
TPCL	-467	-444	-8.30

Koyna Water position

	Water in TMC Feet
Average Water Used Per Day	0.187
Balance Left	31.36
Balance Left Last Year Same Week	22.178

MSPGCL Unit Outage Position

Date	MSPGCL (in MW)		
	Planned	Forced	Total
10-Dec-12	410	1170	1580
11-Dec-12	410	1170	1580
12-Dec-12	410	1590	2000
13-Dec-12	410	1590	2000
14-Dec-12	410	1090	1500
15-Dec-12	410	880	1290
16-Dec-12	410	670	1080

Distressed Load Shedding

Maxm. No. of Hours in a day	0
Number of Days	0

GENERATING UNIT OUTAGES FOR THE WEEK

FROM 10-Dec-12 TO 16-Dec-12

UNIT UNDER PLANNED OUTAGE

name	unit_no	derat_cap	date_trip	time_trip	date_sync	time_sync	reasondes
Cent Sect	Tarapur 1	80	16-Jul-12	22.15		Continued.	Refueling work.
Koradi	Unit 5	200	16-Sep-12	04.23		Continued.	Low Bunkering, Converted to C O H from 20/09/2012.
Uran	Unit A0	120	15-Nov-12	23.56		Continued.	A/OH.
Koyna	Unit 5	80	20-Nov-12	23.45		Continued.	To attend water leakage on servomotor, Outage on pressure shaft no.3 of unit
Koyna	Unit 6	75	21-Nov-12	07.55		Continued.	Overhauling work of Spherical Valve.
CPP	WPCL U-3	135	26-Nov-12	17.33		Continued.	Annual Shutdown.
Parli	Unit 4	210	28-Nov-12	02.37		Continued.	W/DN due to water shortage.
Koyna	Unit 12	80	29-Nov-12	08.30		Continued.	A/OH.
CPP	JSW (J) U4	300	30-Nov-12	23.32		Continued.	Planned shutdown A.M.

UNIT UNDER FORCED OUTAGE

name	unit_no	derat_cap	date_trip	time_trip	date_sync	time_sync	reason
Tata	TATA Hydro	444	5-Sep-12	03:30		Continued.	BHIRA (BPSU-150MW) Unit tripped due to stator winding fault.
Dabhol	1B	230	9-Oct-12	13.56		Continued.	Gas Shortage.
Bhusawal	Unit 2	210	19-Oct-12	22.22		Continued.	ID Fan Problem
Dabhol	3B	230	28-Oct-12	12.43		Continued.	Gas Shortage
Dabhol	1A	230	2-Nov-12	16.27		Continued.	Gas shortage.
Dabhol	1X	290	2-Nov-12	16.26		Continued.	Gas shortage.
Parli	Unit 6	250	7-Nov-12	09.57		Continued.	Flame Failure.
CPP	Adani	660	9-Nov-12	19.16		Continued.	Tripped due to Tripping of 400KV Wardha-Warora-I.
Uran	Unit 5	108	19-Nov-12	23.55		Continued.	Gas Shortage
Bhusawal	Unit 5	500	25-Nov-12	07.32	14-Dec-12	10.18	Coal Shortage
Dabhol	3A	230	3-Dec-12	21.23		Continued.	Gas Shortage
Dabhol	3X	290	3-Dec-12	21.21		Continued.	Gas Shortage
Uran	Unit 6	108	5-Dec-12	11.07		Continued.	Gas shortage.
Cent Sect	Sipat U-1	660	7-Dec-12	22.37	10-Dec-12	11.07	Boiler tube leakage.
Nasik	Unit 3	210	9-Dec-12	07.20	10-Dec-12	05.25	Station T/F-3 Tripped due to LV side Cable Box Burnt
Khaparkheda	Unit 3	210	9-Dec-12	15.21		Continued.	Boiler Tube Leakage
Bhusawal	Unit 4	500	10-Dec-12	20.22	14-Dec-12	17.06	Boiler Tube Leakage
Dabhol	2A	230	11-Dec-12	16.36		Continued.	Gas Shortage
Nasik	Unit 4	210	12-Dec-12	18.15	15-Dec-12	04.40	Boiler Tube Leakage.
Khaparkheda	Unit 5	500	12-Dec-12	14.01	12-Dec-12	16.52	Master Fuel Trip.
Chandrapur	Unit 2	210	12-Dec-12	23.58	16-Dec-12	05.56	Boiler Tube Leakage.
Khaparkheda	Unit 2	210	13-Dec-12	11.42	13-Dec-12	16.23	Due to Problem in A C Supply.
Bhusawal	Unit 4	500	14-Dec-12	17.49	14-Dec-12	23.05	High drum level.
Bhusawal	Unit 5	500	14-Dec-12	11.46	14-Dec-12	16.08	Reverse Power Prot.operated.
Chandrapur	Unit 7	500	15-Dec-12	17.21	15-Dec-12	21.23	FRF pump T/Box flashover.
Bhusawal	Unit 5	500	16-Dec-12	00.51	16-Dec-12	13.05	Generator Problem.
Chandrapur	Unit 2	210	16-Dec-12	13.12	16-Dec-12	18.27	Low Vacuum.

LINE OUTAGES FOR THE WEEK

FROM 10-Dec-12 TO 16-Dec-12

Voltage	Name	date_trip	time_trip	date_sync	time_sync	Reason
400KV	Main Bus - I @ Khadka	27-Nov-12	09.57	30-Dec-12	16.25	Replacement of Main Bus-I P.G Isolator of Aurangabad Bay.
400KV	Khadka - Aurangabad	27-Nov-12	11.58	30-Dec-12	14.50	Replacement of Main Bus-I P.G Isolator
400KV	Deepnagar-Aurangabad-I	4-Dec-12	11.49	11-Dec-12	13.18	Over Voltage.
400KV	Kolhapur-Solapur (PG) II	4-Dec-12	12.41	12-Dec-12	09.03	Over Voltage.
400KV	Dhule-S'Sarovar I	6-Dec-12	21.55	10-Dec-12	10.32	Over Voltage.
400KV	Kolhapur-Mapusa-II	8-Dec-12	17.18	13-Dec-12	15.21	Over Voltage.
400KV	Karad-Kolhapur-II	9-Dec-12	16.34	10-Dec-12	08.56	Over Voltage
400KV	Bhusawal- Aurangabad	9-Dec-12	16.34	10-Dec-12	10.07	Over Voltage
400KV	Karad - Kolhapur - I	9-Dec-12	20.30	10-Dec-12	10.30	Over Voltage
400KV	Akola - Wardha - II	9-Dec-12	23.29	10-Dec-12	07.29	Over Voltage
400KV	Bableshwar-Aurangabad	10-Dec-12	12.33	10-Dec-12	15.04	Air Leakage of Breaker(Taken on TBC)
400KV	Main Bus - I @ Bhusawal	10-Dec-12	16.15	10-Dec-12	21.10	Isolator Alignment work
400KV	Koradi - Bhusawal	10-Dec-12	13.53	10-Dec-12	14.10	DT Received at Koradi(Tripped Koradi end only)
400KV	Bhusawal- Aurangabad	10-Dec-12	16.29	11-Dec-12	06.57	Over Voltage
400KV	Karad - Kolhapur - II	10-Dec-12	19.58	11-Dec-12	09.58	Over Voltage
400KV	Karad - Kolhapur - I	10-Dec-12	16.25	11-Dec-12	08.53	Over Voltage
400KV	Dhule-Sar'Sarovar - I	10-Dec-12	23.08	12-Dec-12	08.10	Over Voltage
400KV	Dabhol - Nagothane - I	11-Dec-12	08.53	11-Dec-12	16.26	Testing and Maint work
400KV	Bhusawal - Deepnagar - II	11-Dec-12	11.55	11-Dec-12	12.48	Bus Bar Protection operated
400KV	Aurangabad-Deepnagar-II	11-Dec-12	13.21		Continued.	Over Voltage
400KV	Bhusawal- Aurangabad	11-Dec-12	17.36	12-Dec-12	08.07	Over Voltage
400KV	Lonikand- Koyna Stage IV	11-Dec-12	21.57	12-Dec-12	06.35	Over Voltage.
400KV	Khadka - Deepnagar - II	11-Dec-12	11.55	11-Dec-12	12.48	Main Bus-I Prot.operated
400KV	400 KV Main Bus-I at Deepnagar	11-Dec-12	11.55	11-Dec-12	12.46	Bus Bar Prot.Operated
400KV	Bhusawal - Deepnagar - I	11-Dec-12	10.52	12-Dec-12	09.52	R Phase Line Isolator Problem.
400KV	Dhule-Sar'Sarovar - II	12-Dec-12	20.36	14-Dec-12	18.18	Over Voltage.
400KV	Parly - Solapur (PGCIL) - I	12-Dec-12	03.14	13-Dec-12	06.22	Over Voltage.
400KV	Karad-Jaigad II	12-Dec-12	11.13	12-Dec-12	15.00	To Attend Hot Spot.
400KV	Khadka - Deepnagar - II	12-Dec-12	09.56		Continued.	Scada Testing Work,Ready for Charging.
400KV	Lonikand-Parli-I	12-Dec-12	06.28	12-Dec-12	15.38	Distance Protection B Ph.to Earth Z-I
400KV	Lonikand - Parli - II	12-Dec-12	06.34	12-Dec-12	11.04	Distance Protection B Ph.to Earth Z-I
400KV	Kolhapur-Solapur (PG) II	12-Dec-12	16.16	14-Dec-12	20.35	Over Voltage.
400KV	Bhusawal- Aurangabad	12-Dec-12	16.05	13-Dec-12	07.16	Over Voltage.
400KV	New Koyna - Koyna Stage IV - II	13-Dec-12	09.25	13-Dec-12	15.26	C T Leakage.
400KV	Lonikand- Koyna Stage IV	13-Dec-12	00.20	13-Dec-12	07.40	Over Voltage.
400KV	New Koyna - Koyna Stage IV - II	13-Dec-12	01.34	13-Dec-12	15.26	Over Voltage.
400KV	Nagothane-Dabhol-I	13-Dec-12	01.40	13-Dec-12	09.58	Over Voltage.
400KV	Lonikand - Parli - II	13-Dec-12	10.34	14-Dec-12	09.41	Various Hot Spot.(Ready for Charging @ 18.36).
400KV	Karad-Jaigad I	13-Dec-12	21.43	14-Dec-12	09.12	D T Received @ Karad.
400KV	Karad - Kolhapur - II	13-Dec-12	16.32	15-Dec-12	10.39	Over Voltage.
400KV	Bhusawal- Aurangabad	13-Dec-12	16.34	17-Dec-12	06.37	Over Voltage.
400KV	Padgha - Nagothane - I	13-Dec-12	21.53	14-Dec-12	12.33	Over Voltage.
400KV	Kolhapur - Mapusa - I	13-Dec-12	17.12	14-Dec-12	09.00	Over Voltage.
400KV	Akola - Wardha - I	13-Dec-12	21.42	14-Dec-12	05.08	Over Voltage.
400KV	400/220 KV 500 MVA ICT - III @ Jejuri	13-Dec-12	10.42	13-Dec-12	14.37	L V Side Taken on TBC.
400KV	Lonikand- Koyna Stage IV	14-Dec-12	06.28	14-Dec-12	07.07	Tripped from Lonikand End Only.
400KV	Lonikand - Parli - I	14-Dec-12	07.11	14-Dec-12	10.57	Distance Protection.
400KV	Lonikand - Chakan	14-Dec-12	07.48	14-Dec-12	16.27	Distance Protection.Y-Ph Decapping.
400KV	400/220 KV 600 MVA ICT - IV @ Padgha	14-Dec-12	09.57	14-Dec-12	19.53	Finishing work of fire Prot.wall.
400KV	Padgha - Nagothane- I	14-Dec-12	07.48	14-Dec-12	13.02	Commissioning of wave trap.
400KV	Karad - Kolhapur - I	14-Dec-12	16.37	15-Dec-12	08.48	Over Voltage.
400KV	Karad - Newkoyna - I	14-Dec-12	19.08	15-Dec-12	08.42	Over Voltage.
400KV	Karad - Solapur (PGCIL)	14-Dec-12	11.51	14-Dec-12	18.40	Fixing of 0.5 Repair sleeve on Y-Ph conductor.
400KV	Dhule-Sar'Sarovar - I	14-Dec-12	11.51	15-Dec-12	16.55	Bus Bar Protection at SSP end.
400KV	Wardha (PG) - Mouda - I	14-Dec-12	15.03	16-Dec-12	14.21	For L,I,O Work.
400KV	Kolhapur - Mapusa - I	14-Dec-12	17.55		Continued.	Over Voltage.
400KV	Kolhapur-Solapuri(PGCIL)-I	14-Dec-12	20.37		Continued.	To attend Hot Spot.(Sparking @ W T)
400KV	Akola - Aurangabad- II	15-Dec-12	11.56	15-Dec-12	16.48	Tie BKR for CB,Y-Ph accumulator Repl.work by PGCIL.
400KV	Karad - Solapur (PGCIL)	15-Dec-12	11.33	15-Dec-12	12.44	Opportunity outage.
400KV	New Koyna - StageIV - I	15-Dec-12	09.50	15-Dec-12	15.58	Repl of I.A.
400KV	Karad - Kolhapur - I	15-Dec-12	16.34	16-Dec-12	08.52	Over Voltage.
400KV	Karad - Kolhapur - II	15-Dec-12	20.07		Continued.	Over Voltage.
400KV	Dhule - S'Sarovar- II	15-Dec-12	17.06		Continued.	Over Voltage.
400KV	400/220 KV 500 MVA ICT - II at Khaparkhed	16-Dec-12	12.35	16-Dec-12	16.49	Isolator Sparking.
400KV	400/220KV 500MVA ICT - I at Khaparkheda	16-Dec-12	12.48	16-Dec-12	14.06	Fire on R Ph. C.T of Tie Breaker.

400KV	Karad - Kolhapur - I	16-Dec-12	21.32		Continued.	Over Voltage.
400KV	Akola - Wardha - I	16-Dec-12	21.02	17-Dec-12	07.05	Over Voltage.
400KV	Lonikand - Koyna Stage IV	16-Dec-12	22.39	17-Dec-12	06.41	Over Voltage.
220KV	Bus section-II at Nsk GCR	8-Dec-12	01.41	15-Dec-12	11.42	Bus Section-II,'B' ph.CT burst.
220KV	Lonand - Bothe (Surwadi)	8-Dec-12	10.27	11-Dec-12	20.50	220KV peripheral unit(Bus Bar)confirmation through primary injection.
220KV	Kalmeshwar - Pandurna	8-Dec-12	08.13	11-Dec-12	15.01	Making tension.Shifting of new tower.
220KV	Lonand - SonaAlloys	10-Dec-12	06.05	10-Dec-12	06.39	Distance Protection
220KV	Chikhali - Jalna - II	10-Dec-12	17.30	10-Dec-12	17.31	Line Newly Charged
220KV	Chikhali - Jalna - II	10-Dec-12	21.43		Continued.	Due to Overloading
220KV	Mumewadi-Halkarni-II	10-Dec-12	07.25	10-Dec-12	18.12	Insulator Strings replacement
220KV	Kalwa - Siemens	10-Dec-12	09.28	13-Dec-12	13.41	Replacement of 29A&B Isolators(Taken on TBC)
220KV	Talangaade - Mudshingi - I	10-Dec-12	13.38	10-Dec-12	15.44	Analysis of Taurus Kit
220KV	Talangaade-Mudshingi-II	10-Dec-12	15.52	10-Dec-12	18.06	Analysis of Taurus Kit
220KV	Kharghar-TSS	10-Dec-12	14.15	10-Dec-12	16.46	Distance Protection
220KV	Vita - Miraj	10-Dec-12	18.58	10-Dec-12	19.55	Distance Protection
220KV	Miraj - Kadegaon	10-Dec-12	18.58	10-Dec-12	19.26	General Trip
220KV	Kandalgaoon - Sona Alloy	10-Dec-12	06.05	10-Dec-12	06.40	Distance Protection
220KV	Inter Connector @ Kalwa	11-Dec-12	06.57	11-Dec-12	09.24	Connecting CT secondary to New Numerical Bus Bar
220KV	Mumewadi-Halkarni-II	11-Dec-12	07.50	11-Dec-12	12.37	Replacement of Old Disc Insulator
220KV	Karad-M'peth	11-Dec-12	09.16	11-Dec-12	18.10	Replacement of Broken Insulator
220KV	Mahalakshimi-Amona-I	11-Dec-12	08.43	11-Dec-12	18.58	Maint.work
220KV	220/110KV 200 MVA ICT-I at Mudshingi	11-Dec-12	10.05	12-Dec-12	18.06	Replacement of LV side Old C.B.
220KV	Deepnagar - Bambhori	11-Dec-12	09.35	11-Dec-12	16.37	Relay Testing
220KV	Mahalakshimi-Amona-I	12-Dec-12	10.15	12-Dec-12	18.04	Insulator Replacement.
220KV	Lamboti - Pandharpur	12-Dec-12	11.15	12-Dec-12	18.40	Relay Retrofitting & Testing Work.
220KV	Karad-Pedambe	12-Dec-12	00.15	12-Dec-12	09.10	Distance Protection
220KV	Chinchwad-Parvati	12-Dec-12	04.20	12-Dec-12	11.31	Distance Protection
220KV	Pedambe-Mahad	12-Dec-12	05.38	12-Dec-12	06.35	Distance Protection
220KV	Mudshingi-Wathar	12-Dec-12	16.08	12-Dec-12	16.46	Taurus Measurment.
220KV	Miraj -Vita	12-Dec-12	14.38	12-Dec-12	17.14	Maintenance Work.
220KV	Karad-Poghali	12-Dec-12	06.43	12-Dec-12	15.00	Distance Protection.
220KV	Beed-Patoda I	12-Dec-12	23.58	13-Dec-12	00.33	Distance Protection.
220KV	220/132 KV 100 MVA T/F - 6 @ Chinchwad	13-Dec-12	05.10	13-Dec-12	07.06	Diff Protection. Y Ph. H V Side L A Burst.
220KV	Bhosari-Telco	13-Dec-12	07.00	13-Dec-12	18.34	LILO Arrangement for 220 KV Bhosari-II.
220KV	Babaleshwar - Alephata	13-Dec-12	08.59	13-Dec-12	18.43	Testing Work.
220KV	Nivali-N'koyna	13-Dec-12	10.56	13-Dec-12	18.24	Tree Cuting.
220KV	Uran - JNPT	13-Dec-12	10.16	13-Dec-12	15.50	Hot Spot.
220KV	Chinchwad-Parvati	13-Dec-12	07.37	13-Dec-12	19.00	Due to 220 KV Bhosari-Telco Outage.
220KV	220/22 KV 50 MVA T/F - II @ Chinchwad	13-Dec-12	10.31	13-Dec-12	17.40	Annual Maintenance Work.
220KV	Chinchwad - Parvati	14-Dec-12	04.42	14-Dec-12	12.01	Distance Protection.
220KV	Chinchwad - Chakan	14-Dec-12	04.43	14-Dec-12	06.49	Distance Protection.
220KV	Chinchwad - Telco	14-Dec-12	04.44	14-Dec-12	06.04	Distance Protection R Phase.
220KV	Lonikand-Bhosari	14-Dec-12	05.23	14-Dec-12	10.03	Distance Protection.
220KV	Karad-Mudsingi-IV	14-Dec-12	04.47	14-Dec-12	11.03	Distance Protection.
220KV	Mudshingi - Chikodi	14-Dec-12	05.00	14-Dec-12	17.15	Distance Protection.
220KV	220/100KV 200MVA ICT-I at Kalwa	14-Dec-12	02.41	14-Dec-12	03.21	Due to R Phase C T of Inter Connecor Burst.
220KV	220/100KV 200MVA ICT-II at Kalwa	14-Dec-12	02.41	14-Dec-12	03.22	Due to R Phase C T of Inter Connecor Burst.
220KV	Creak Side Bus @ Kalwa	14-Dec-12	02.41	14-Dec-12	03.20	Due to R Phase C T of Inter Connecor Burst.
220KV	220/22 KV 50 MVA T/F - I @ Airoli	14-Dec-12	02.41	14-Dec-12	03.23	Due to R Phase C T of Inter Connecor Burst.
220KV	Kalwa-Airoli-Knowledge park	14-Dec-12	02.41	14-Dec-12	03.20	Due to R Phase C T of Inter Connecor Burst.
220KV	Mudshingi-Wathar	14-Dec-12	06.14	14-Dec-12	12.40	Distance Protection.
220KV	220/7 KV 40MVA Stn T/F-I @ C'Pur	14-Dec-12	10.01	14-Dec-12	15.13	Measurement of I an delta & Measurement of BKR timing and CRM.
220KV	Khaparkhedha New - Khaparkhedha Old - II	14-Dec-12	17.02	14-Dec-12	20.36	Nut bolt tightening and repairing of damaged conductor of wavetrap as Hot Spot observed.
220KV	220/22 KV 50 MVA T/F - I @ Kalwa	14-Dec-12	02.41	14-Dec-12	03.23	R-Ph CT Of Inter Connector Burst.
220KV	Lonikand - VSNL	14-Dec-12	06.28	14-Dec-12	11.20	Distance Protection.
220KV	Theur - Jejuri	14-Dec-12	09.30	14-Dec-12	15.55	Distance Protection.Y-Ph.Z-II.
220KV	Kolshet-Khamba	14-Dec-12	14.00	14-Dec-12	19.32	R-Ph LA Flash over.
220KV	Kalwa - Bapgaon	14-Dec-12	09.11	14-Dec-12	21.00	OPGW stringing work.
220KV	Kolshet-Khamba	14-Dec-12	08.46	14-Dec-12	13.17	R.M. & Tan delta work.
220KV	Jambhul - Anandnagar	14-Dec-12	07.53	14-Dec-12	18.40	R.M.Work
220KV	Kandalgaoon - Dasturi	14-Dec-12	10.00	14-Dec-12	17.55	R.M.Work
220KV	Main Bus II at Kolshet	14-Dec-12	10.12	14-Dec-12	13.15	R.M.& Tan delta work.
220KV	220/22 KV 50 MVA T/F III at Kolshet	14-Dec-12	09.45	14-Dec-12	13.20	R.M.Work and LV CT Oil Leakage.
220KV	Bus Coupler @ Boiser	14-Dec-12	11.45	14-Dec-12	16.40	Diagnostic test and R.M.
220KV	Talangaade - Mudshingi - I	14-Dec-12	13.01	14-Dec-12	16.02	For safety and to work on Mudshingi Chikodi line.
220KV	Khaparkhedha New - Khaparkhedha Old - I	14-Dec-12	17.01	14-Dec-12	20.36	Nut bolt tightening and repairing of damaged conductor of wavetrap as Hot Spot observed.
220KV	Chinchwad - Chakan	14-Dec-12	23.02	15-Dec-12	00.35	Hot Spot Work.
220KV	Pedambe - Tambati	15-Dec-12	03.12	15-Dec-12	03.44	Distance protection.
220KV	Pedambe - Tambati	15-Dec-12	04.15	15-Dec-12	12.10	Declared faulty.
220KV	Wardha - Yawatmal	15-Dec-12	09.30	15-Dec-12	11.00	Repl of B-Ph jumper of bus side isolator to BKR.(Ckt will be on TBC).
220KV	Deepnagar - Bambhori	15-Dec-12	09.35	15-Dec-12	19.16	Stringing work.
220KV	Amalner-Deepnagar	15-Dec-12	09.56	15-Dec-12	18.50	Stringing work.
220KV	Nasik-Bablsrwr - I	15-Dec-12	09.10	15-Dec-12	19.05	Repl of PT II isolator.

220KV	Kharghar-TSS	15-Dec-12	10.41	15-Dec-12	17.11	Hot Spot.
220KV	Babaleshwar - Babaleshwar - II	15-Dec-12	10.10	15-Dec-12	10.33	For PT Isolation.
220KV	Main Bus - II @ Ghodbunder	15-Dec-12	09.37	15-Dec-12	20.07	Preventive maintenance.
220KV	BBLSR-A*Nagar - II	15-Dec-12	09.42	15-Dec-12	18.38	220KV PT II isolator operation.
220KV	Chinchwad-Theur	15-Dec-12	09.59	15-Dec-12	17.55	CT Tan delta.
220KV	Loniand-Theur - I	15-Dec-12	10.17	15-Dec-12	17.05	Repl of flashover insulator and damaged conductor.
220KV	Mudasinghi - Mumewadi - I	15-Dec-12	15.43	15-Dec-12	17.50	TOROUS Kit Testing.
220KV	Ghatghar-Baggaon	15-Dec-12	10.40	15-Dec-12	17.39	Repl of flashover insulator string.
220KV	Nagothane-IPCL	15-Dec-12	08.47	15-Dec-12	13.56	String flashover.
220KV	220/100KV 200MVA ICT-I at Kalwa	15-Dec-12	07.35	15-Dec-12	08.06	Bus Bar Operated.
220KV	Creak Side Bus @ Kalwa	15-Dec-12	07.35	15-Dec-12	07.46	Y-Ph CT interconnector burst.
220KV	220/100KV 200MVA ICT-II at Kalwa	15-Dec-12	07.35	15-Dec-12	08.06	Bus Bar Operated
220KV	Kalwa - Airoli - Knowledge Park.	15-Dec-12	07.35	15-Dec-12	08.04	Bus Bar Operated
220KV	220/22 KV 50 MVA T/F - I @ Kalwa	15-Dec-12	07.35	15-Dec-12	08.03	Bus Bar Operated
220KV	Mahalakshimi-Amona-I	16-Dec-12	08.15	16-Dec-12	17.36	Insulator Replacement.
220KV	Pedambe-Mahad	16-Dec-12	10.00	16-Dec-12	11.25	Signature by Taurus Kit.
220KV	Aarey-Borivali-I	16-Dec-12	09.11	16-Dec-12	14.32	Attending Hot Sopt.
220KV	Pedambe-Tambati	16-Dec-12	11.30	16-Dec-12	13.20	Signature By Taurus Kit.
220KV	220/33 KV 50 MVA T/F - I @ Dastri	16-Dec-12	16.51	16-Dec-12	17.08	L V Side R Phase C T Burst.
220KV	220/132 KV 200 MVA ICT-I @ Harangul	16-Dec-12	20.27		Continued.	To Attend Red Hot.
132KV	Kharephaten - Tale Bajar	11-Dec-12	00.44	11-Dec-12	09.10	Distance Protection
132KV	Adegaon - Raymond	11-Dec-12	04.56	11-Dec-12	10.42	A/R Lock Out
132KV	Gangakhed - Sonpeth- II	12-Dec-12	02.45	12-Dec-12	03.45	Distance Protection
132KV	Gondia - Amgaon RLY TSS - II	12-Dec-12	05.55	12-Dec-12	06.15	Distance Protection Operated Zone-I.
132KV	Adegaon - Raymond	13-Dec-12	05.31	13-Dec-12	05.50	Distance Protection.
132KV	Umarkhed - Himayathnagar	13-Dec-12	18.05	14-Dec-12	15.29	Distance Protection.Declared Faulty.
132KV	Takli - OCR	13-Dec-12	03.04	13-Dec-12	08.58	Distance Protection.
132KV	Paras-Akot	13-Dec-12	09.14	13-Dec-12	10.14	R & B Phase P T Fuse Blown.
132KV	Paras-Patur	13-Dec-12	09.14	13-Dec-12	10.10	Y & B Phase P T Fuse Blown.
132KV	Paras - Warwat Bakal	13-Dec-12	09.14	13-Dec-12	10.10	Y & B Phase P T Fuse Blown.
132KV	Paras-Akola-I	13-Dec-12	11.12	13-Dec-12	11.30	P T Fuse Failure.
132KV	Paras-Akola-II	13-Dec-12	11.12	13-Dec-12	14.09	P T Fuse Failure.
132KV	Paras - Warwat Bakal	13-Dec-12	12.20	13-Dec-12	14.14	To Control Line Loading of 132 KV Paras-Akola.
132KV	Mandrup-Karajgi	14-Dec-12	14.08	14-Dec-12	14.10	Charged First Time.
132KV	Kalmeshwar-Saoner Ckt II	16-Dec-12	16.52	16-Dec-12	17.14	Zone-I, R Phase Dist.@ Kalmeshwar End.
110KV	Wathar - Shirol	14-Dec-12	04.55	14-Dec-12	11.40	Distance Protection.
100KV	Kandalgaon-Roha-I	13-Dec-12	07.45	13-Dec-12	11.10	For Bunching of 100 KV Mhasala.
100KV	Kandalgaon - Mhasale	13-Dec-12	08.10		Continued.	Breaker Repairing Work.(Till 22/12/12)
100KV	Kalwa - Salsette - I	14-Dec-12	09.28	14-Dec-12	18.45	R.M.Work
100KV	Kalwa - Salsette - II	14-Dec-12	09.28	14-Dec-12	18.54	Stringing of OPGW E/W bet Loc no 403 B to 407 B of Kalwa-Baggaon Kalwa Knowledgepark DC line
100KV	Kalwa - Kalyan	15-Dec-12	10.33	15-Dec-12	15.05	R.M.Work