

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 1-Oct-12 To 7-Oct-12

Date	Monday 1-Oct-12	Tuesday 2-Oct-12	Wednesday 3-Oct-12	Thursday 4-Oct-12	Friday 5-Oct-12	Saturday 6-Oct-12	Sunday 7-Oct-12
On Line Capacity (MW)							
MSPGCL THM	4282	4587	4297	3717	3917	4026	3975
MSPGCL HY	1392	1360	1364	1347	1363	1283	1279
MSPGCL GAS	300	280	280	280	460	450	450
MSPGCL TOTAL	5974	6227	5941	5344	5740	5759	5704
Cent. Sect.(incl. RGPPL)	4905	4614	4650	4957	5158	4477	4855
MSPGCL + CS	10879	10841	10591	10301	10898	10236	10559
TPCL	1748	1748	1748	1748	1727	1748	1727
REL	500	500	500	500	500	500	500
TPCL + REL	2248	2248	2248	2248	2227	2248	2227
CPP	1535	1360	1235	1260	1245	1261	1300
STATE OLC	14662	14449	14074	13809	14370	13745	14086
Morning Peak Demand (MW)	12 Hrs	11 Hrs	12 Hrs	12 Hrs	10 Hrs	12 Hrs	12 Hrs
MSPGCL THM	4435	4411	3495	3836	3982	3873	3717
MSPGCL HY	783	262	699	162	264	966	939
MSPGCL GAS	328	308	305	434	465	453	318
MSPGCL TOTAL	5546	4981	4499	4432	4711	5292	4974
Cent. Sect.(incl. RGPPL)	5353	4637	4941	5141	4660	4542	4590
Wind	164	20	107	228	193	16	81
CPP	2271	2123	2275	2064	1787	2018	1947
TPCL Asst	-909	-591	-789	-835	-481	-1061	-428
MSEDCL Catered	12425	11170	11059	11056	10888	10807	11164
Load Shedding (LS)	626	41	518	577	271	526	507
MSEDCL Demand(Incl LS)	13051	11211	11577	11633	11159	11333	11671
TPCL + REL Dem.	3094	2458	3027	2978	2697	2829	2147
State Demand (Incl LS)	16145	13669	14604	14611	13856	14162	13818
Sys. Freq. (Hz)	49.99	50.04	49.81	49.99	49.92	49.84	49.85
Evening Peak Demand (MW)	17 Hrs	20 Hrs	19 Hrs	20 Hrs	20 Hrs	20 Hrs	20 Hrs
MSPGCL THM	4366	4129	3695	3797	4056	3759	3820
MSPGCL HY	874	544	692	684	631	958	839
MSPGCL GAS	271	312	310	468	477	487	323
MSPGCL TOTAL	5511	4985	4697	4949	5164	5204	4982
Cent. Sect.(incl. RGPPL)	4821	4401	5063	4910	4693	4647	4815
Wind	115	220	555	353	98	181	108
CPP	2207	2263	2335	2025	1950	2067	1980
TPCL Asst	-805	-487	-610	-622	-622	-378	-366
MSEDCL Catered	11849	11435	12093	11662	11330	11773	11569
Load Shedding (LS)	441	437	303	528	419	471	528
MSEDCL Demand(Incl LS)	12290	11872	12396	12190	11749	12244	12097
TPCL + REL Dem.	2985	2574	2851	2812	2813	2564	2189
State Demand (Incl LS)	15275	14446	15247	15002	14562	14808	14286
Sys. Freq. (Hz)	49.96	50.09	50.03	50.1	50.12	50.06	50.04

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	1-Oct-12	TO	7-Oct-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	1-Oct-2012		2-Oct-2012		3-Oct-2012		4-Oct-2012		5-Oct-2012		6-Oct-2012		7-Oct-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	7	5	7	5	7
3	KHAPERKHEDA	*	1	*	1	*	1	*	*	*	*	*	*	*	*
4	PARALI	*	5	*	5	*	5	*	5	*	5	*	5	*	3,5
5	CHANDRAPUR	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6	BHUSAVAL	*	*	*	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	
1-Oct-2012	MONDAY	61.489	2562	50.049	2085	111.538	4647	111.305	4638	-0.233	-10
2-Oct-2012	TUESDAY	55.501	2313	47.489	1979	102.990	4291	100.392	4183	-2.598	-108
3-Oct-2012	WEDNESDAY	63.570	2649	42.612	1776	106.182	4424	106.221	4426	0.039	2
4-Oct-2012	THURSDAY	71.289	2970	39.542	1648	110.831	4618	111.668	4653	0.837	35
5-Oct-2012	FRIDAY	71.921	2997	34.301	1429	106.222	4426	104.173	4341	-2.049	-85
6-Oct-2012	SATURDAY	63.086	2629	37.654	1569	100.740	4198	103.627	4318	2.887	120
7-Oct-2012	SUNDAY	65.285	2720	38.478	1603	103.763	4323	104.905	4371	1.142	48
	TOTAL	452.141		290.125		742.266		742.291		0.025	

Details of Koyna Water Consumption (In TMC)

DATE	For the Day	For the Month	Balance
1-Oct-12	0.152	0.152	43.873
2-Oct-12	0.055	0.207	43.818
3-Oct-12	0.055	0.262	43.763
4-Oct-12	0.110	0.372	43.653
5-Oct-12	0.108	0.480	43.545
6-Oct-12	0.221	0.701	43.324
7-Oct-12	0.094	0.795	43.230

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
1-Oct-12	17	4366	874	271	5511	4821	115	2207	-805	11849	441	12290	1657	523	14834	15275	49.96
2-Oct-12	20	4129	544	312	4985	4401	220	2263	-487	11435	437	11872	1563	524	14009	14446	50.09
3-Oct-12	19	3695	692	310	4697	5063	555	2335	-610	12093	303	12396	1719	522	14944	15247	50.03
4-Oct-12	20	3797	684	468	4949	4910	353	2025	-622	11662	528	12190	1667	523	14474	15002	50.10
5-Oct-12	20	4056	631	477	5164	4693	98	1950	-622	11330	419	11749	1668	523	14143	14562	50.12
6-Oct-12	20	3759	958	487	5204	4647	181	2067	-378	11773	471	12244	1664	522	14337	14808	50.06
7-Oct-12	20	3820	839	323	4982	4815	108	1980	-366	11569	528	12097	1301	522	13758	14286	50.04
Maximum		4366	958	487	5511	5063	555	2335	-366	12093	528	12396	1719	524	14944	15275	50.12
Minimum		3695	544	271	4697	4401	98	1950	-805	11330	303	11749	1301	522	13758	14286	49.96
Average		3946	746	378	5070	4764	233	2118	-556	11673	447	12120	1606	523	14357	14804	50.06

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
1-Oct-12	12	4435	783	328	5546	5353	164	2271	-909	12425	626	13051	1662	523	15519	16145	49.99
2-Oct-12	11	4411	262	308	4981	4637	20	2123	-591	11170	41	11211	1343	524	13628	13669	50.04
3-Oct-12	12	3495	699	305	4499	4941	107	2275	-789	11059	518	11577	1716	522	14086	14604	49.81
4-Oct-12	12	3836	162	434	4432	5141	228	2064	-835	11056	577	11633	1620	523	14034	14611	49.99
5-Oct-12	10	3982	264	465	4711	4660	193	1787	-481	10888	271	11159	1692	524	13585	13856	49.92
6-Oct-12	12	3873	966	453	5292	4542	16	2018	-1061	10807	526	11333	1245	523	13636	14162	49.84
7-Oct-12	12	3717	939	318	4974	4590	81	1947	-428	11164	507	11671	1195	524	13311	13818	49.85
Maximum		4435	966	465	5546	5353	228	2275	-428	12425	626	13051	1716	524	15519	16145	50.04
Minimum		3495	162	305	4432	4542	16	1787	-1061	10807	41	11159	1195	522	13311	13669	49.81
Average		3964	582	373	4919	4838	116	2069	-728	11224	438	11662	1496	523	13971	14409	49.92

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
1-Oct-12	105.108	8.006	7.382	0.566	121.062	111.305	111.538	2.627	53.622	32.366	12.572	-14.551	274.062	39.709	19.777	333.548
2-Oct-12	100.658	5.862	7.264	0.415	114.199	100.392	102.990	2.104	50.750	29.445	12.310	-11.107	256.336	35.064	17.793	309.193
3-Oct-12	90.683	6.019	7.458	0.736	104.896	106.221	106.182	5.922	53.393	33.787	12.396	-12.968	257.466	39.942	19.207	316.615
4-Oct-12	89.499	6.722	9.406	0.842	106.469	111.668	110.831	7.571	47.405	33.455	12.591	-12.646	260.466	39.884	18.807	319.157
5-Oct-12	92.792	7.835	11.233	0.736	112.596	104.173	106.222	3.837	43.948	33.939	12.586	-11.776	252.778	39.588	18.710	311.076
6-Oct-12	89.146	13.487	11.183	0.777	114.593	103.627	100.740	1.900	49.333	29.659	12.489	-13.130	256.322	37.115	18.160	311.597
7-Oct-12	90.887	8.434	9.219	0.699	109.239	104.905	103.763	2.342	48.407	26.495	12.548	-7.797	257.096	30.849	15.988	303.933
Maximum	105.108	13.487	11.233	0.842	121.062	111.668	111.538	7.571	53.622	33.939	12.591	-7.797	274.062	39.942	19.777	333.548
Minimum	89.146	5.862	7.264	0.415	104.896	100.392	100.740	1.900	43.948	26.495	12.310	-14.551	252.778	30.849	15.988	303.933
Average	94.110	8.052	9.021	0.682	111.865	106.042	106.038	3.758	49.551	31.307	12.499	-11.996	259.218	37.450	18.349	315.017

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.

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

For the Week

1-Oct-12

to

7-Oct-12

Demand Supply Summary

	Morning Peak (MW)	Evening Peak (MW)
Average Peak Demand	11662	12120
Average Peak Supply	11224	11673
Average Load Relief (LS)	438	447

Average Supply Summary

	Morning Peak (MW)	Evening Peak (MW)	Mus
Thermal	3964	3946	94.11
Gas	373	378	9.02
Hydro	582	746	8.05
CS Drawal (Total)	4838	4764	106.04
TPCL	-728	-556	-12.00

Koyna Water position

	Water in TMC Feet
Average Water Used Per Day	0.114
Balance Left	43.23
Balance Left Last Year Same Week	38.211

MSPGCL Unit Outage Position

Date	MSPGCL (in MW)		
	Planned	Forced	Total
1-Oct-12	200	420	620
2-Oct-12	200	630	830
3-Oct-12	200	630	830
4-Oct-12	200	420	620
5-Oct-12	200	630	830
6-Oct-12	200	630	830
7-Oct-12	200	840	1040

Distressed Load Shedding

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

GENERATING UNIT OUTAGES FOR THE WEEK

FROM 1-Oct-12 TO 7-Oct-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.
Koyna	ST-IV 2	250	20-Aug-12	12.22		Continued.	Buchholz relay alarm.Gen.T/F overhauling work.
Cent_Sect	NTPC(K-3)	210	6-Sep-12	00.13		Continued.	AOH.
Parli	Unit 5	210	6-Sep-12	04.20		Continued.	Flame failure,converted to C.O.H from 15.09.2012(intimated on 22.09.2012)
Koradi	Unit 5	200	16-Sep-12	04.23		Continued.	Low Bunkering, Converted to C O H from 20/09/2012.
CPP	JSW (J) U2	300	3-Oct-12	23.45		Continued.	Flue Gas treatment

UNIT UNDER FORCED OUTAGE

name	unit no	derat cap	date trip	time trip	date_sync	time_sync	reason
Koyna	Unit 6	75	5-Oct-12	13.50	7-Oct-12	18.20	oil Leakage
Dabhol	1B	230	23-Jul-12	15.57		Continued.	Combustion Inspection
Dabhol	1A	230	10-Aug-12	17.33	1-Oct-12	10.36	Gas Shortage.
Dabhol	1X	290	10-Aug-12	17.31	2-Oct-12	05.51	Gas Shortage.
Tata	TATA Hydro	444	5-Sep-12	03:30		Continued.	BHIRA (BPSU-150MW)Unit tripped due to stator winding fault.
Uran	Unit 8	108	10-Sep-12	21.07	4-Oct-12	09.55	Gas shortage.
Dabhol	2B	230	18-Sep-12	18.42		Continued.	Gas shortage.
Dabhol	3A	230	23-Sep-12	09.35		Continued.	Gas Shortage.
Bhusawal	Unit 4	500	24-Sep-12	01.35		Continued.	Boiler Tube Leakage.
Cent_Sect	NTPC(K-5)	500	29-Sep-12	06.07	1-Oct-12	01.53	Low Bunkering.
Bhusawal	Unit 5	500	29-Sep-12	23.17		Continued.	B.T.G. & D.O.P. Work.
Cent_Sect	NTPC(K-1)	210	29-Sep-12	13.12	1-Oct-12	08:27	Bunkering Problem.
Cent_Sect	NTPC (K-2)	210	29-Sep-12	13.32	1-Oct-12	06:57	Bunkering Problem.
Khaparkheda	Unit 1	210	30-Sep-12	11.42	1-Oct-12	22.34	Boiler Tube Leakage. .
Dabhol	1A	230	1-Oct-12	16.10	1-Oct-12	19.58	Instrumentation Problem.
Bhusawal	Unit 2	210	1-Oct-12	22.38	4-Oct-12	07.05	Boiler Validity Ext.
Dabhol	1X	290	2-Oct-12	09:46	2-Oct-12	16:56	High Vibration.
Dabhol	1A	230	2-Oct-12	09:46	2-Oct-12	15:52	W/Dn.due to high vibration.
Paras	Unit 3	250	2-Oct-12	23:05	3-Oct-12	02:08	Furance Pressure High.
Nasik	Unit 4	210	3-Oct-12	10.40	3-Oct-12	14.40	Electrical fault.
Chandrapur	Unit 4	210	3-Oct-12	17.52	3-Oct-12	21.49	Furnace pressure high.
Nasik	Unit 5	210	3-Oct-12	10.40	3-Oct-12	15.45	Electrical fault.
Bhusawal	Unit 2	210	4-Oct-12	12.39	4-Oct-12	22.36	Air heater problem.
Koradi	Unit 7	210	4-Oct-12	09.36		Continued.	M.S.temp.low.
Nasik	Unit 4	210	4-Oct-12	19.29	7-Oct-12	20.45	Boiler tube leakage.
Khaparkheda	Unit 2	210	5-Oct-12	03.48	5-Oct-12	06.45	Flame failure.
Koyna	Unit 5	80	5-Oct-12	13.25	5-Oct-12	20.25	Bus Section-II outage
Koyna	Unit 7	80	5-Oct-12	14.05	5-Oct-12	19.35	Bus Section-II outage
Koyna	Unit 8	80	5-Oct-12	14.10	5-Oct-12	20.05	Bus Section-II outage
Paras	Unit 4	250	5-Oct-12	19.15	5-Oct-12	21.26	Low Furnace Pressure
Parli	Unit 6	250	6-Oct-12	20.30	6-Oct-12	23.58	Furance Pressure High.
Tata	Trombay 5	500	6-Oct-12	08.30	6-Oct-12	15.55	Differential Protection.
Parli	Unit 3	210	6-Oct-12	22.02		Continued.	M.S. Temp. Low.
Khaparkheda	Unit 2	210	7-Oct-12	20.10	7-Oct-12	22.05	Furance Pressure High.
Khaparkheda	Unit 3	210	7-Oct-12	19.31	7-Oct-12	22.00	Furance Pressure High.
Parli	Unit 4	210	7-Oct-12	07.25		Continued.	Drum Level Low.
Uran	Unit 8	108	7-Oct-12	10.43		Continued.	Gas Shortage.
CPP	WPCL U-3	135	7-Oct-12	08.03		Continued.	Turbine Inlet Steam Leakage.

LINE OUTAGES FOR THE WEEK

FROM 1-Oct-12 TO 7-Oct-12

Voltage	Name	date_trip	time_trip	date_sync	time_sync	Reason
400KV	Kolhapur-Solapur(PGCIL)-I	27-Sep-12	23.48	4-Oct-12	10.57	Over Voltage.
400KV	New Koyna - Koyna Stage IV - II	30-Sep-12	17.03	1-Oct-12	08.58	Over Voltage.
400KV	Karad-Jaigad I	30-Sep-12	19.25	1-Oct-12	10.02	Dist.Prot. R Ph. to Earth.
400KV	Karad - Solapur (PGCIL)	30-Sep-12	19.25	1-Oct-12	09.03	Over Voltage.
400KV	New Koyna - Koyna Stage IV - II	1-Oct-12	12.22	2-Oct-12	10.04	Relay Testing Work.Line is Ready for Charging from 15.20 Hrs.
400KV	Lonikand- Koyna Stage IV	1-Oct-12	22.45	2-Oct-12	10:02	Over Voltage.
400KV	Lonikand - Parli - II	2-Oct-12	01.31	2-Oct-12	08:59	Over Voltage.
400KV	Karad-Jaigad I	2-Oct-12	05.05	3-Oct-12	09.25	Over Voltage.
400KV	Akola - Wardha - I	2-Oct-12	06.14	2-Oct-12	06.39	Over Voltage.
400KV	Koradi-Akola	2-Oct-12	06.13	2-Oct-12	21:15	LLO Work of 400KV Akola-Koradi Line @ 400KV Nandgaonpeth S/S.
400KV	Koradi - Indiabull (Nandgaonpeth)	2-Oct-12	21:14	2-Oct-12	21:15	New Line Charged.
400KV	Akola - Indiabull (Nandgaonpeth)	2-Oct-12	21:14	2-Oct-12	21:15	New Line Charged.
400KV	Padgha-Tarapur - II	2-Oct-12	14:10	2-Oct-12	17:43	Dist. Prot.
400KV	Dhule-Sar'Sarovar - II	2-Oct-12	22:46	6-Oct-12	06.56	Over Voltage.
400KV	Lonikand- Koyna Stage IV	2-Oct-12	23:32	3-Oct-12	08.12	Over Voltage.
400KV	400/220 KV 500 MVA ICT-I @ Deepnagar	2-Oct-12	11:01	2-Oct-12	19:32	For Checking Scada indication metering card checking in BCU.
400KV	TBC at Khadka	3-Oct-12	10.37	3-Oct-12	18.50	Testing work.
400KV	TBC @ Kharghar	3-Oct-12	10.03	3-Oct-12	17.36	Demo on capacitance and tan delta kit.
400KV	400/220 KV 500 MVA ICT - I @ Lamboti	3-Oct-12	11.11	3-Oct-12	11.15	During testing of relay of 220KV Bale-Lamboti-2.
400KV	Lonikand- Koyna Stage IV	3-Oct-12	23.42	4-Oct-12	09.48	Over Voltage.
400KV	Bus Coupler @ Bhusawal	3-Oct-12	11.00	3-Oct-12	18.49	With TBC bay for protect transfer.
400KV	Parli-Parli (PGCIL) I	3-Oct-12	13.51	4-Oct-12	09.56	To control Parly-Lonikand line loading.
400KV	Akola - Wardha - I	3-Oct-12	06.14	3-Oct-12	06.39	Over Voltage.
400KV	400/132 KV 200 MVA ICT - II @ Khadka	4-Oct-12	09.03	4-Oct-12	20.40	Tan delta measurement work.
400KV	Chandrapur - Parly - III	4-Oct-12	08.54	5-Oct-12	18.30	Wiring work of bus CVT core.Ready for charging at 19.15 hrs.
400KV	400/220 KV 315MVA ICT-II @ Karad	4-Oct-12	10.37		Continued.	Fire protection work.
400KV	Main Bus - II @ Babaleshwar	4-Oct-12	11.45	4-Oct-12	18.25	400KV bus extension work in new 400KV SPTCL bsys.
400KV	Lonikand- Koyna Stage IV	4-Oct-12	22.00	5-Oct-12	08.44	Over Voltage.
400KV	Koradi - Indiabull (Nandgaonpeth)	4-Oct-12	16.50	4-Oct-12	17.19	DT received at Korady end.
400KV	Padgha - Talegaon (PG)	4-Oct-12	09.28	4-Oct-12	18.19	Replacement of broken conductor.
400KV	Kolhapur-Solapur(PGCIL)-I	4-Oct-12	21.19		Continued.	Over Voltage.
400KV	Wardha - Seoni - I	4-Oct-12	22.03		Continued.	Over Voltage.
400KV	Wardha (PG) - Mouda - I	5-Oct-12	01.06	5-Oct-12	17.25	Over Voltage.
400KV	Karad-Jaigad I	5-Oct-12	04.04	5-Oct-12	12.28	Over Voltage.
400KV	Padgha - Kharghar	5-Oct-12	07.58	5-Oct-12	19.06	replacement of Broken Conductor
400KV	400/220 KV 300 MVA ICT-I @ Koradi	5-Oct-12	09.20		Continued.	Oil Filtration
400KV	Koradi - Bhusawal	5-Oct-12	10.26	5-Oct-12	18.24	Repairing of Damaged Conductor
400KV	400/220KV 500 MVA ICT I at Kalwa	5-Oct-12	10.30	5-Oct-12	15.33	Construction Work
400KV	400/220 KV 105 MVA Spare ICT @ Akola	5-Oct-12	08.54	5-Oct-12	16.18	R.M.Work
400KV	Parli (PG) - Wardha (PG) - II	5-Oct-12	00.53	5-Oct-12	09.12	Over Voltage
400KV	Karad - Solapur (PGCIL)	6-Oct-12	06.01		Continued.	Distance Protection
400KV	Karad-Jaigad I	6-Oct-12	02.29	6-Oct-12	09.26	Over Voltage
400KV	Akola - Indiabull (Nandgaonpeth)	6-Oct-12	13.11	6-Oct-12	17.23	R Ph L A Burst.
400KV	Bablsr-Padgha Ckt I	6-Oct-12	11.34	6-Oct-12	11.58	Free Main Bus - I @ Bblsr.
400KV	Dhule-Khandwa I	6-Oct-12	07.05	6-Oct-12	20.07	Auto to Non Auto.
400KV	Bableshtar-Aurangabad	6-Oct-12	10.26	6-Oct-12	10.33	In View of Bus Outage @ Bblsr End.
400KV	Dhule-Sar'Sarovar - I	6-Oct-12	17.17	7-Oct-12	07.35	Over Voltage.
400KV	Main Bus I at 400KV BBLSR	6-Oct-12	13.36	6-Oct-12	17.13	400KV bus extension work in new 400KV SPTCL bays.
400KV	Lonikand- Koyna Stage IV	7-Oct-12	00.07		Continued.	Over Voltage.
400KV	Jejuri-Koyna STG-IV	7-Oct-12	11.46		Continued.	To Replace CVT.
400KV	Kalwa-Kharghar	7-Oct-12	18.24		Continued.	Smoke Observed from B Ph.L A @ Kalwa End.
400KV	Dhule-Khandwa-II	7-Oct-12	07.56	8-Oct-12	05.23	Line Maintenance Work.
400KV	Padgha -Tarapur - I	7-Oct-12	16.25	7-Oct-12	17.01	A/R Optd. @ Padghe End Only Bkr Tripped @ Tarapur End.
400KV	400/6.9 KV 63 MVA STN T/F - I @ Nandgaon	7-Oct-12	12.52	7-Oct-12	12.53	First Time Charge Kept on Humming.
220KV	Wardha - Deoli (PGCIL)	27-Sep-12	19.23	2-Oct-12	12.20	Hand Tripped.
220KV	Tilawani-Miraj	30-Sep-12	21.23	1-Oct-12	01.10	Distance Protection.
220KV	Salara,MIDC-Wankuswadi 2	30-Sep-12	21.50	1-Oct-12	16.37	Distance Protection.
220KV	Bale - Lamboti I	1-Oct-12	09.07	2-Oct-12	19:22	Conductor Replacement Work.
220KV	Kandalgaon - ONGC	1-Oct-12	09.41	1-Oct-12	17.34	Providing Double String to Loc.No.603,605.
220KV	Talangde-Five star MIDC	1-Oct-12	11.29	1-Oct-12	16.49	Q.M.Work.
220KV	Kalwa-Mulund-I	1-Oct-12	06.59	1-Oct-12	17.32	Red Hot on Location 3B.
220KV	Pawas-Kharepatan	1-Oct-12	14.32	1-Oct-12	14.53	Distance Protection R Ph. to Earth.
220KV	Pawas - Newali	1-Oct-12	14.32	1-Oct-12	15.05	Distance Protection.
220KV	Ghatghar-Jindal	1-Oct-12	17.10	1-Oct-12	17.40	Distance Protection.

220KV	Ghatghar-Jindal	1-Oct-12	17.55	1-Oct-12	18.31	Distance Protection.
220KV	Ghatghar - Washala	1-Oct-12	17.55	1-Oct-12	18.10	Distance Protection.
220KV	Ghatghar-Bapgaon	1-Oct-12	17.55	1-Oct-12	18.31	Distance Protection.
220KV	Kalwa - Borivali	1-Oct-12	19.07	1-Oct-12	19.23	Distance Protection Tripped from Borivali End Only.
220KV	Uran-Apta-I	1-Oct-12	19.15	1-Oct-12	21.35	Distance Protection.
220KV	Mudshingi - Chikodi	1-Oct-12	09.35	1-Oct-12	16.17	Outage.
220KV	Haikarni-Amona I	1-Oct-12	11.15	1-Oct-12	15.20	Outage.
220KV	Deepnagar - Bambhori	1-Oct-12	11.15	1-Oct-12	18.10	For Making LILO Arrangement by Opening Taping Point Jumper @ Loc 200.
220KV	Khaparkheda-Ambazari - I	1-Oct-12	10.04	1-Oct-12	16.15	Replacement of B Ph CVT.Tan Delta of CT's.Capacitance of CVT's & Breaker Timing.
220KV	Dhule-Chalisgaon	1-Oct-12	13.14		Continued.	For Connecting New Bbslr Ckt-II TO S/S Main Bus.
220KV	220/132 KV 100 MVA T/F - III @ Lonand	1-Oct-12	10.28	1-Oct-12	18.03	T/F on Humming,Maintenance Work.
220KV	Jejuri - Phursungi - II	1-Oct-12	18.27	1-Oct-12	19.12	Distance Protection B Ph to Earth.
220KV	Aurangabad - Jalna	1-Oct-12	19.29	1-Oct-12	20.10	Distance Protection.
220KV	Tarapur-Borivali	2-Oct-12	03.13	2-Oct-12	04.05	Distance Protection.
220KV	Versova-Boiser	2-Oct-12	07.40	2-Oct-12	14.45	A. M. Work.
220KV	Kalwa-Temghar	2-Oct-12	08.30	2-Oct-12	19.40	Replacement of Aux Bus isolator.
220KV	Miraj -Vita	2-Oct-12	09.32	2-Oct-12	13.20	Q. M. Work.
220KV	Kandlagaon - Roha - II	2-Oct-12	09.30	2-Oct-12	18.45	Breaker O/H Work.
220KV	Trombay - Tala Tie - II	2-Oct-12	09.50	2-Oct-12	14.58	For Software Uploading in the Realy at both end.
220KV	Mhaisal - Miraj	2-Oct-12	14.27	2-Oct-12	18.54	Maintenance Work.
220KV	Ghodbandar - Bhoisor (MSETCL)	2-Oct-12	15.47	2-Oct-12	15.59	One end trip.
220KV	Ghatghar-Bapgaon	2-Oct-12	16.06	2-Oct-12	16.28	Power system fault.
220KV	Akola - Balapur - I	2-Oct-12	18.15	2-Oct-12	20.44	Distance Protection Operated Zone 1 R Ph 16.4 KM.
220KV	Dhamangaon - Badnera	2-Oct-12	18.35	2-Oct-12	18.42	Breaker Tripped on Bednera end only (No indication).
220KV	Ghatghar - Washala	3-Oct-12	10.00	3-Oct-12	13.55	B ph.CT oil leakage.
220KV	220/132 KV 200 MVA ICT - II @ Bhusawal	3-Oct-12	08.35	3-Oct-12	16.52	Testing work.
220KV	Lamboti-Bale-II	3-Oct-12	10.30	5-Oct-12	19.30	Retrofitting of distance relay.
220KV	Nagothane-MSL	3-Oct-12	14.00	4-Oct-12	16.30	Job completion of open access.
220KV	220/100KV 50 MVA T/F- III @ Kandalgaon	3-Oct-12	14.17	3-Oct-12	15.20	Oil leakage attending work.
220KV	Main Bus at Tembhurani	3-Oct-12	13.15	3-Oct-12	16.15	Maintenance work.
220KV	P'pur-Malinagar	3-Oct-12	18.05	3-Oct-12	19.45	Replacement of insulator string.
220KV	Lonikand-Ranjangaon	3-Oct-12	11.30	3-Oct-12	19.57	To control Parli-Lonikand line loading.
220KV	GIS bus sectionalizer at Kandalgaon.	3-Oct-12	20.05	3-Oct-12	23.31	PDR Tripped.
220KV	220/100KV 50 MVA T/F- III @ Kandalgaon	3-Oct-12	20.08	3-Oct-12	23.38	PDR Tripped.
220KV	220/100 KV 100 MVA T/F - IV @ Kandalgaon	3-Oct-12	20.08	4-Oct-12	01.20	PDR Tripped.
220KV	Kandalgaon - ONGC	3-Oct-12	21.58	4-Oct-12	00.24	H/T due to heavy sparking in bus sectionalizer.
220KV	Kandalgaon - Lonand	3-Oct-12	21.58	4-Oct-12	00.05	H/T due to heavy sparking in bus sectionalizer.
220KV	Kandalgaon - Dasturi	3-Oct-12	21.58	3-Oct-12	23.21	H/T due to heavy sparking in bus sectionalizer.
220KV	Kandalgaon - Pirangut	3-Oct-12	21.58	4-Oct-12	00.14	H/T due to heavy sparking in bus sectionalizer.
220KV	Kandalgaon-Koyna	3-Oct-12	21.58	4-Oct-12	00.02	H/T due to heavy sparking in bus sectionalizer.
220KV	Kandalgaon - Topworth	3-Oct-12	21.58	4-Oct-12	00.15	H/T due to heavy sparking in bus sectionalizer.
220KV	Kandalgaon-Bhira	3-Oct-12	21.58	4-Oct-12	00.16	H/T due to heavy sparking in bus sectionalizer.
220KV	220/22 KV 50 MVA T/F-I @ K'gaon	3-Oct-12	21.58	3-Oct-12	23.30	Due to tripping of GIS bus sectionalizer.
220KV	220/22KV 50 MVA T/F- II @ Kandalgaon	3-Oct-12	21.58	3-Oct-12	23.42	Due to tripping of GIS bus sectionalizer.
220KV	Koradi-Butibori	3-Oct-12	09.44	3-Oct-12	16.53	Tan delta of CT.
220KV	Kanhan - Umred - II	3-Oct-12	11.04	3-Oct-12	15.52	Line isolator alignment work.
220KV	Deepnagar - Bambhori	3-Oct-12	14.19	3-Oct-12	14.57	Distance protection operated Z-2.
220KV	220/132KV, 200MVA ICT-I at Theur	4-Oct-12	09.05	4-Oct-12	17.20	HV B ph.bushing and PRV replaced.
220KV	Kandalgaon - Dasturi	4-Oct-12	09.35	4-Oct-12	15.45	Line maint. work.
220KV	Jejuri I-Jejuri II	4-Oct-12	10.35	4-Oct-12	16.45	Testing work.
220KV	Nasik-Padgha- II	4-Oct-12	17.37	4-Oct-12	18.00	Distance protection.
220KV	Tarapur - Borivali	4-Oct-12	07.20	4-Oct-12	11.08	Replacement of Y ph flashover insulator string.
220KV	Aurangabad-Chitegaon-II	4-Oct-12	12.49	4-Oct-12	15.33	Relay testing work.
220KV	Khaparkheda - Wardha.	4-Oct-12	12.23	4-Oct-12	20.44	Replacement of CVT.
220KV	Khaparkheda-Kawlewada-I	4-Oct-12	11.00	4-Oct-12	11.20	Distance protection operated Z-1.
220KV	Tilwani - Talandge - II	5-Oct-12	11.47	5-Oct-12	15.32	Hot Spot
220KV	Kalwa-Colourchem	5-Oct-12	12.04	5-Oct-12	21.12	Trials of Auto Reclose
220KV	Mahape - Siemens	5-Oct-12	09.53	5-Oct-12	18.28	Replacement of CT
220KV	Jambhul - Anandnagar	5-Oct-12	10.08	5-Oct-12	16.30	Hot Spot
220KV	Aurangabad - Padegaon - II	5-Oct-12	11.29	5-Oct-12	18.05	Replacement of CT
220KV	Karad-Pophali-II	5-Oct-12	11.20	5-Oct-12	20.20	Hot Spot
220KV	Bus Section -II @ Pophali	5-Oct-12	15.41	5-Oct-12	19.30	Attending Karad-II Line Y Phase Joint Glow problem at outgoing Gantry
220KV	Wadkhal - NDIL - I	5-Oct-12	10.27	5-Oct-12	14.17	Testing work
220KV	Wadkhal - Ndil - 2	5-Oct-12	14.22	5-Oct-12	16.25	Testing work

220KV	Wadkhal-NDIL-3	5-Oct-12	17.05	5-Oct-12	18.35	Testing work
220KV	Pophali-New Koyna	5-Oct-12	13.40	5-Oct-12	19.58	Bus Section-II outage at Pophali
220KV	Pophali - Pedambe - II	5-Oct-12	13.40	5-Oct-12	19.20	Bus Section-II outage
220KV	Wada-Kolshet	5-Oct-12	15.05	6-Oct-12	15.17	Distance Protection
220KV	Karad-Kadegaon	5-Oct-12	18.40	6-Oct-12	05.59	Distance Protection
220KV	Karad - Ogalewadi - II	5-Oct-12	18.40	5-Oct-12	18.58	Tripped at Karad end only
220KV	Padgha-Temghar I	5-Oct-12	17.59	5-Oct-12	21.11	Heavy lightning
220KV	Ghodbandar - Bhoisor (MSETCL)	5-Oct-12	18.55	6-Oct-12	12.00	Distance Protection
220KV	Temghar-Colourchem	5-Oct-12	17.59	5-Oct-12	18.15	Bus Bar Protection operated
220KV	Main Bus-II at Padgha	5-Oct-12	10.55	5-Oct-12	18.52	Repl of Single Conductor by Double Conductor of Stub Bus of ICT-IV
220KV	220/132KV 100MVA ICT-II at Bambhori	5-Oct-12	09.50	5-Oct-12	16.24	Q.M Work
220KV	Bale - Lamboti I	6-Oct-12	07.49	6-Oct-12	19.48	Conductor Replacement Work.
220KV	Apta-Kalwa	6-Oct-12	07.50	6-Oct-12	18.40	Replacement of Aux.Bus Isolator.
220KV	220/132KV 200MVA ICT-I @ Raymond	6-Oct-12	09.48	6-Oct-12	15.14	Q.M Work.
220KV	220/132 KV 200 MVA ICT-II @ Nagar.	6-Oct-12	09.25	6-Oct-12	15.17	Replacement of FS Cable of CTR System & Q.M.Work.
220KV	220/132 KV 200 MVA ICT- I @ Satana	6-Oct-12	10.45	6-Oct-12	13.15	Q.M Work & Red Hot Attending Work.
220KV	Wardha - Deoli (PGCIL)	6-Oct-12	10.26		Continued.	Replacement of Y Ph & B Ph. WT.
220KV	Halkarni -Tillary	6-Oct-12	23.30	7-Oct-12	00.39	Back Up Protection @ Halkarni End.
220KV	Tillary-Amona	6-Oct-12	23.30	7-Oct-12	14.35	Trip From Amona End.
220KV	Badnera-Akola-II	6-Oct-12	10.12	6-Oct-12	13.00	Q.M.Work,Tan Delta Measurment.
220KV	220/132 KV 100 MVA ICT @ Shahada	6-Oct-12	10.20	6-Oct-12	15.30	R Ph. LVCT Replacement & Annual Diff. & Backup Relay Testing of ICT.
220KV	220/132 KV 200 MVA ICT - I @ Nanded	7-Oct-12	04.42	7-Oct-12	06.14	Due to 132/11KV 16 MVA T/F-I Fired.
220KV	Bus Coupler @ Ghodbandar	7-Oct-12	08.50	7-Oct-12	12.55	Annual Maintenance of Switchgear
220KV	Lote - N Koyna	7-Oct-12	09.55	7-Oct-12	14.41	Y Ph Jumper Replacement.
220KV	Borivali - Bhandup	7-Oct-12	23.02		Continued.	C T Jumper Conductor Unwound.
220KV	Nagthane-MSL	7-Oct-12	12.03		Continued.	B Ph.P T Burst @ MSL S/S.
220KV	Kalwa - Airoli - Knowledge Park.	7-Oct-12	21.16	7-Oct-12	21.59	Due to E/O 100 KV Kiawa-Salsette - I
220KV	220/132 KV 200 MVA ICT @ Nanded	7-Oct-12	04.42	7-Oct-12	09.13	16 MVA 132/11 KV T/F-I Got Fired.
220KV	220/132 KV 200 MVA ICT - II @ Nanded	7-Oct-12	05.30	7-Oct-12	06.14	As 200 MVA ICT Was Near to 16 MVA T/F so Hand Tripped.132KV Bus Dead to Avoid Further Damage.
220KV	220/132KV.200MVA ICT-III At Nanded.	7-Oct-12	05.30	7-Oct-12	06.14	As 200 MVA ICT Was Near to 16 MVA T/F so Hand Tripped.132KV Bus Dead to Avoid Further Damage.
220KV	Kalmeshwar-Kaparkheda	7-Oct-12	13.44	7-Oct-12	22.47	Distance Protection Operated.
132KV	Phursungi-Kothrud	1-Oct-12	08.32	1-Oct-12	18.00	Distance Protection.
132KV	Peth-Sirli	1-Oct-12	12.41	1-Oct-12	16.13	Distance Protection.
132KV	Ozar - Dandori	1-Oct-12	13.35	1-Oct-12	13.50	Distance Protection.
132KV	Shahada-Taloda	1-Oct-12	12.00	1-Oct-12	12.13	Distance Protection Operated Z-I B Ph.
132KV	Shahada-Taloda	1-Oct-12	12.52	1-Oct-12	18.10	Distance Protection Operated Z-I B Ph.
132KV	Yawat - Theur	1-Oct-12	17.24	1-Oct-12	18.24	To Attend Heavy Sparking on Line Isolator.
132KV	Nasik GCR - Ranwad	3-Oct-12	04.24	3-Oct-12	11.20	Distance Protection. Load affected 44 MW.
132KV	Jeur-Kurduwadi	3-Oct-12	07.15	3-Oct-12	18.40	Dismantling of old CB and erection of New.
132KV	Parbhani - Pathri	3-Oct-12	20.40	3-Oct-12	20.46	Distance protection.
132KV	Bhandara-Ambhora	5-Oct-12	18.27	5-Oct-12	18.40	Distance Protection
132KV	Amravati-Morshi	6-Oct-12	17.37	6-Oct-12	17.42	Distance Protection Operated Z-I B Ph.
132KV	Amravati - Akola	6-Oct-12	18.30	6-Oct-12	18.40	Distance Protection Operated Z-I B Ph.
132KV	132/11 KV 16 MVA T/F - I @ Nanded	7-Oct-12	04.25		Continued.	Got Fired.
132KV	Nanded - Elichpur	7-Oct-12	05.30	7-Oct-12	09.46	16 MVA T/F Caught Fire.132KV Bus Dead to Avoid Further Damage.
132KV	Hingoli-Kurunda	7-Oct-12	11.11	7-Oct-12	11.52	Bus Bar Protection Operated.
132KV	Hingoli-Kurunda	7-Oct-12	12.02	7-Oct-12	12.56	Bus Bar Protection Operated.
110KV	Borivali(T)-Borivali(M)-II	7-Oct-12	10.25		Continued.	Replacement of CVT @ Tata Borivali End.
100KV	Kandgaon-Roha-I	3-Oct-12	20.08	3-Oct-12	23.46	Due to tripping of GIS bus sectionalizer.
100KV	K'gaon-Roha-II	3-Oct-12	20.08	3-Oct-12	23.47	Due to tripping of GIS bus sectionalizer.
100KV	Kandgaon - Mhasale	3-Oct-12	20.08	3-Oct-12	23.45	Due to tripping of GIS bus sectionalizer.
100KV	Chinchwad - Talegaon	4-Oct-12	10.00	4-Oct-12	15.25	Nut bolt tightening work.
100KV	Kalwa - Salsette - I	7-Oct-12	18.24	7-Oct-12	22.44	Dist.Prot.Earth Wire Fallen Near Knowledge Park.
100KV	Kalwa - Salsette - II	7-Oct-12	21.06	7-Oct-12	22.34	Due to E/O 100 KV Kiawa-Salsette - I.