

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 9-Sep-13 To 15-Sep-13

Date	Monday 9-Sep-13	Tuesday 10-Sep-13	Wednesday 11-Sep-13	Thursday 12-Sep-13	Friday 13-Sep-13	Saturday 14-Sep-13	Sunday 15-Sep-13
On Line Capacity (MW)							
MSPGCL THM	4037	4130	3802	3901	4075	4040	3908
MSPGCL HY	1211	1263	1281	1246	1222	1222	1251
MSPGCL GAS	450	460	460	450	450	330	340
MSPGCL TOTAL	5698	5853	5543	5597	5747	5592	5499
Cent. Sect.(incl. RGPPL)	5542	5802	6048	5565	5548	5312	5134
MSPGCL + CS	11240	11655	11591	11162	11295	10904	10633
TPCL	1197	1197	1317	1312	1317	1377	1197
REL	500	500	500	500	500	500	500
TPCL + REL	1697	1697	1817	1812	1817	1877	1697
CPP	2769	1492	2167	2072	2829	2584	3003
STATE OLC	15706	14844	15575	15046	15941	15365	15333
Morning Peak Demand (MW)	9 Hrs	12 Hrs	12 Hrs	12 Hrs	11 Hrs	12 Hrs	11 Hrs
MSPGCL THM	4094	4048	4278	3945	3881	4032	4073
MSPGCL HY	200	2066	493	1479	722	375	148
MSPGCL GAS	457	448	439	456	451	305	310
MSPGCL TOTAL	4751	6562	5210	5880	5054	4712	4531
Cent. Sect.(incl. RGPPL)	5470	6199	6098	5450	5455	5631	5436
Wind	193	38	25	32	32	11	57
CPP	2928	1780	2543	2816	3058	3082	3074
TPCL Asst	-625	-1194	-1114	-1140	-1172	-1005	-909
MSEDCL Catered	12742	13385	12772	13048	12451	12431	12189
Load Shedding (LS)	50	98	51	102	50	50	55
MSEDCL Demand(Incl LS)	12792	13483	12823	13150	12501	12481	12244
TPCL + REL Dem.	1916	2935	2934	2983	2962	2909	2200
State Demand (Incl LS)	14708	16418	15757	16133	15463	15390	14444
Sys. Freq. (Hz)	49.84	49.87	49.87	49.79	49.88	50	50.04
Evening Peak Demand (MW)	20 Hrs	20 Hrs	20 Hrs	20 Hrs	20 Hrs	20 Hrs	20 Hrs
MSPGCL THM	4385	3888	4119	4106	3805	3871	3913
MSPGCL HY	507	2182	1696	1688	2070	1625	209
MSPGCL GAS	459	470	467	461	311	311	484
MSPGCL TOTAL	5351	6540	6282	6255	6186	5807	4606
Cent. Sect.(incl. RGPPL)	4368	5081	5126	4294	4081	4415	4669
Wind	160	102	32	72	51	188	472
CPP	2896	1710	2370	2923	3022	3097	3007
TPCL Asst	-782	-1031	-884	-1001	-945	-905	-936
MSEDCL Catered	12040	12455	12976	12596	12428	12628	11839
Load Shedding (LS)	55	281	57	55	54	54	54
MSEDCL Demand(Incl LS)	12095	12736	13033	12651	12482	12682	11893
TPCL + REL Dem.	2321	2775	2727	2827	2811	2819	2352
State Demand (Incl LS)	14416	15511	15760	15478	15293	15501	14245
Sys. Freq. (Hz)	49.91	49.75	49.89	49.7	49.94	49.95	50.3

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	9-Sep-13	TO	15-Sep-13
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A) (UNITWISE PLANNED/FORCED OUTAGE POSITION @ 05:30 HRS. OF THE DAY OF (MSPGCL THERMAL UNITS ONLY)

Sr.No	Date	9-Sep-2013		10-Sep-2013		11-Sep-2013		12-Sep-2013		13-Sep-2013		14-Sep-2013		15-Sep-2013	
	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	*	*	*	*	*	*	*	*	*	3	*	3	*	3
2	KORADI	7	5	7	*	7	5	7	5	7	*	7	*	7	*
3	KHAPERKHEDA	5	2	5	2	5	2	5	2	5	*	5	*	5	3
4	PARALI	3,5	*	3,5	*	3,5	*	3,5	*	3,5	*	3,5	*	3,5	*
5	CHANDRAPUR	5	*	5	*	5	*	5	*	5	*	5	1	5	1
6	BHUSAVAL	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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		TOTAL INTER STATE BILATERAL PURCHASE		TOTAL SHARE		TOTAL DRAWL		OVERDRAWL(+) UNDREDRAWL(-)	
		MUs	AVG. MW	MUs	AVG. MW	MUs	AVG. MW	MUs	AVG. MW	MUs	AVG. MW
		1		2		1+2=3		4		3-4=5	
9-Sep-2013	MONDAY	97.421	4059	12.840	535	110.261	4594	113.450	4727	3.189	133
10-Sep-2013	TUESDAY	99.090	4129	12.550	523	111.640	4652	121.290	5054	9.650	402
11-Sep-2013	WEDNESDAY	104.142	4339	17.350	723	121.492	5062	126.902	5288	5.410	225
12-Sep-2013	THURSDAY	98.441	4102	11.000	458	109.441	4560	111.370	4640	1.929	80
13-Sep-2013	FRIDAY	96.297	4012	9.450	394	105.747	4406	107.458	4477	1.711	71
14-Sep-2013	SATURDAY	98.387	4099	8.040	335	106.427	4434	107.860	4494	1.433	60
15-Sep-2013	SUNDAY	99.060	4128	5.750	240	104.810	4367	109.007	4542	4.197	175
	TOTAL	692.838		76.980		769.818		797.337		27.519	

Details of Koyna Water Consumption (In TMC)

DATE	For the Day	For the Month	Balance
9-Sep-13	0.045	3.692	57.141
10-Sep-13	0.571	4.263	56.570
11-Sep-13	0.271	4.534	56.299
12-Sep-13	0.505	5.039	55.794
13-Sep-13	0.339	5.378	55.455
14-Sep-13	0.179	5.557	55.276
15-Sep-13	0.057	5.614	55.219

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												
9-Sep-13	20	4385	507	459	5351	4368	160	2896	-782	12040	55	12095	1043	496	14361	14416	49.91
10-Sep-13	20	3888	2182	470	6540	5081	102	1710	-1031	12455	281	12736	1224	520	15230	15511	49.75
11-Sep-13	20	4119	1696	467	6282	5126	32	2370	-884	12976	57	13033	1322	521	15703	15760	49.89
12-Sep-13	20	4106	1688	461	6255	4294	72	2923	-1001	12596	55	12651	1307	519	15423	15478	49.70
13-Sep-13	20	3805	2070	311	6186	4081	51	3022	-945	12428	54	12482	1346	520	15239	15293	49.94
14-Sep-13	20	3871	1625	311	5807	4415	188	3097	-905	12628	54	12682	1396	518	15447	15501	49.95
15-Sep-13	20	3913	209	484	4606	4669	472	3007	-936	11839	54	11893	898	518	14191	14245	50.30
Maximum		4385	2182	484	6540	5126	472	3097	-782	12976	281	13033	1396	521	15703	15760	50.30
Minimum		3805	209	311	4606	4081	32	1710	-1031	11839	54	11893	898	496	14191	14245	49.70
Average		4012	1425	423	5861	4576	154	2718	-926	12423	87	12510	1219	516	15085	15172	49.92

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												
9-Sep-13	9	4094	200	457	4751	5470	193	2928	-625	12742	50	12792	768	523	14658	14708	49.84
10-Sep-13	12	4048	2066	448	6562	6199	38	1780	-1194	13385	98	13483	1221	520	16320	16418	49.87
11-Sep-13	12	4278	493	439	5210	6098	25	2543	-1114	12772	51	12823	1301	519	15706	15757	49.87
12-Sep-13	12	3945	1479	456	5880	5450	32	2816	-1140	13048	102	13150	1322	521	16031	16133	49.79
13-Sep-13	11	3881	722	451	5054	5455	32	3058	-1172	12451	50	12501	1269	521	15413	15463	49.88
14-Sep-13	12	4032	375	305	4712	5631	11	3082	-1005	12431	50	12481	1382	522	15340	15390	50.00
15-Sep-13	11	4073	148	310	4531	5436	57	3074	-909	12189	55	12244	769	522	14389	14444	50.04
Maximum		4278	2066	457	6562	6199	193	3082	-625	13385	102	13483	1382	523	16320	16418	50.04
Minimum		3881	148	305	4531	5436	11	1780	-1194	12189	50	12244	768	519	14389	14444	49.79
Average		4050	783	409	5243	5677	55	2754	-1023	12717	65	12782	1147	521	15408	15473	49.90

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								MSEDCL	MUMBAI	State
9-Sep-13	99.302	3.862	11.025	0.563	114.752	113.450	110.261	4.488	69.485	18.052	11.899	-17.749	284.424	47.701	332.125
10-Sep-13	96.287	29.678	11.071	0.640	137.676	121.290	111.640	4.401	45.428	24.170	11.982	-21.027	287.768	57.180	344.948
11-Sep-13	96.763	16.058	11.032	0.800	124.653	126.902	121.492	3.263	52.341	26.458	12.503	-19.028	288.131	57.989	346.120
12-Sep-13	95.673	25.187	11.039	0.658	132.557	111.370	109.441	1.816	64.119	26.364	12.495	-19.335	290.527	58.193	348.720
13-Sep-13	94.367	18.094	9.432	0.552	122.445	107.458	105.747	1.910	72.075	26.658	12.480	-20.002	283.884	59.139	343.023
14-Sep-13	95.422	11.049	7.565	0.260	114.296	107.860	106.427	3.047	72.323	27.615	12.470	-17.241	280.284	57.325	337.609
15-Sep-13	94.930	3.614	8.278	0.089	106.911	109.007	104.810	5.925	72.048	18.109	12.076	-19.211	274.680	49.398	324.078
Maximum	99.302	29.678	11.071	0.800	137.676	126.902	121.492	5.925	72.323	27.615	12.503	-17.241	290.527	59.139	348.720
Minimum	94.367	3.614	7.565	0.089	106.911	107.458	104.810	1.816	45.428	18.052	11.899	-21.027	274.680	47.701	324.078
Average	96.106	15.363	9.920	0.509	121.899	113.905	109.974	3.550	63.974	23.918	12.272	-19.085	284.243	55.275	339.518

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.

Maharashtra State Load Despatch Centre, Kalwa

Information for Weekly Cabinet Meeting

For the Week

9-Sep-13

to

15-Sep-13**Demand Supply Summary**

	Morning Peak (MW)	Evening Peak (MW)
Average Peak Demand	12782	12510
Average Peak Supply	12717	12423
Average Load Relief (LS)	65	87

Average Supply Summary

	Morning Peak (MW)	Evening Peak (MW)	Mus
Thermal	4050	4012	96.11
Gas	409	423	9.92
Hydro	783	1425	15.36
CS Drawal (Total)	5677	4576	113.91
TPCL	-1023	-926	-19.08

Koyna Water position

	Water in TMC Feet
Average Water Used Per Day	0.281
Balance Left	55.219
Balance Left Last Year Same Week	48.848

MSPGCL Unit Outage Position

Date	MSPGCL (in MW)		
	Planned	Forced	Total
9-Sep-13	1630	410	2040
10-Sep-13	1630	410	2040
11-Sep-13	1630	410	2040
12-Sep-13	1630	410	2040
13-Sep-13	1630	210	1840
14-Sep-13	1630	420	2050
15-Sep-13	1630	630	2260

Distressed Load Shedding

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

GENERATING UNIT OUTAGES FOR THE WEEK

FROM 9-Sep-13 TO 15-Sep-13

UNIT UNDER PLANNED OUTAGE

name	unit_no	derat_cap	date_trip	time_trip	date_sync	time_sync	reasondes
Parli	Unit 3	210	13-Feb-13	23.50		Continued.	Water Shortage
Parli	Unit 5	210	14-Feb-13	22.45		Continued.	Water Shortage
Koyna	Unit 11	80	4-Jun-13	13.25		Continued.	Rotar Fault.
Chandrapur	Unit 5	500	14-Jul-13	00.01		Continued.	Annual Overhaul
Tata	Trombay 7A	120	27-Jul-13	13.55	10-Sep-13	22.20	Annual Overhaul
Tata	Trombay 7B	60	27-Jul-13	12.57	13-Sep-13	15.37	Annual Overhaul
Koradi	Unit 7	210	9-Aug-13	07.22		Continued.	Annual Overhaul
Cent_Sect	Sipat U-1	660	15-Aug-13	02.00		Continued.	Annual Overhaul
Khaparkheda	Unit 5	500	26-Aug-13	21.37		Continued.	Annual Overhaul

UNIT UNDER FORCED OUTAGE

name	unit_no	derat_cap	date_trip	time_trip	date_sync	time_sync	reason
Dabhol	3B	230	28-May-13	21.58		Continued.	Gas shortage.
Dabhol	1B	230	28-May-13	22.02		Continued.	Gas shortage.
Dabhol	2A	230	6-Jun-13	09.10		Continued.	Gas Shortage
Dabhol	3A	230	6-Jun-13	08.28		Continued.	Gas Shortage
Dabhol	3X	290	6-Jun-13	08.28		Continued.	Gas Shortage
Dabhol	1A	230	27-Jun-13	21.47		Continued.	Gas Shortage
Dabhol	1X	290	27-Jun-13	21.46		Continued.	Gas Shortage
Dabhol	2X	290	15-Jul-13	15.09		Continued.	Gas Shortage
Tata	Trombay 6	500	19-Jul-13	23.54		Continued.	Economic shut down.
Dabhol	2B	230	8-Aug-13	15.03		Continued.	Withdrawn
Uran	Unit 6	108	26-Aug-13	12.14	9-Sep-13	17.50	Gas Shortage
CPP	Adani U-3	660	28-Aug-13	23.07	11-Sep-13	01.41	Turbine Vibration Very High
Cent_Sect	TARAPUR-3	540	28-Aug-13	09.08		Continued.	Reactor Problem.
Khaparkheda	Unit 2	210	3-Sep-13	21.01	12-Sep-13	17.21	Coal bunkering problem.
Koradi	Unit 5	200	5-Sep-13	18.08	9-Sep-13	16.37	I D Fan Problem.
CPP	JSW (J) U2	300	7-Sep-13	00.01		Continued.	Withdrawn due to no schedule.
Chandrapur	Unit 4	210	9-Sep-13	22.37	10-Sep-13	04.50	ID Fan Problem.
CPP	Adani U-2	660	10-Sep-13	02.14	12-Sep-13	08.18	HP Turbine side drain line heavy flange leakage.
CPP	Adani U1	660	10-Sep-13	07.30		Continued.	BLR T/L.
Koyna	Unit 12	80	10-Sep-13	17.50	11-Sep-13	07.05	Dist Prot.Relay.
Koyna	Unit 9	80	10-Sep-13	20.45	11-Sep-13	05.05	B-Ph LA Burst in S/Yard.
Bhusawal	Unit 5	500	10-Sep-13	22.11	11-Sep-13	01.22	Flame Failure.
Koradi	Unit 5	200	10-Sep-13	09.16	12-Sep-13	17.15	ID Fan Problem.
CPP	Adani U-3	660	11-Sep-13	02.14	11-Sep-13	04.19	Turbine vibration high.
Chandrapur	Unit 4	210	11-Sep-13	15.12	11-Sep-13	17.31	High Furnace Pressure
Khaparkheda	Unit 2	210	12-Sep-13	17.31	12-Sep-13	18.46	Low Vacuum
CPP	INDIABULLS	270	12-Sep-13	07.11	12-Sep-13	10.30	Electrical Prot.Operated
Nasik	Unit 3	210	12-Sep-13	17.00	15-Sep-13	11.24	Boiler Tube Leakage
Bhusawal	Unit 5	500	13-Sep-13	06.06	13-Sep-13	13.22	Class A Prot.operated
Chandrapur	Unit 1	210	13-Sep-13	13.35		Continued.	Boiler Tube Leakage.
Uran	Unit 8	108	13-Sep-13	13.16		Continued.	Gas Shortage.
Bhusawal	Unit 4	500	14-Sep-13	02.01	14-Sep-13	04.42	Flame failure.
Koradi	Unit 6	210	14-Sep-13	18.14	14-Sep-13	20.04	High Furnace Pressure.
Parli	Unit 4	210	14-Sep-13	19.30	15-Sep-13	00.50	Bus Bar Prot. Optd. of Bus-II @ Parli-I.
Khaparkheda	Unit 3	210	14-Sep-13	09.44		Continued.	Boiler Tube Leakage.
Tata	Trombay 7B	60	14-Sep-13	23.47	16-Sep-13	03.09	High Bearing Vibration.
Nasik	Unit 3	210	15-Sep-13	18.00	15-Sep-13	21.45	Frequently Relay operated
Tata	Trombay 7A	120	15-Sep-13	00.35	15-Sep-13	22.11	High Bearing Vibration.
Uran	Unit 6	108	15-Sep-13	22.57	16-Sep-13	01.10	Stn.T/F-II HV Side Y Phase Bushing Burst at Uran S/S
Uran	Unit 7	108	15-Sep-13	22.57	16-Sep-13	00.48	Stn.T/F-II HV Side Y Phase Bushing Burst at Uran S/S
Uran	Unit A0	120	15-Sep-13	22.57		Continued.	Stn.T/F-II HV Side Y Phase Bushing Burst at Uran S/S
Uran	Unit B0	120	15-Sep-13	22.57		Continued.	Stn.T/F-II HV Side Y Phase Bushing Burst at Uran S/S
Koyna	Unit 3	75	16-Sep-13	04.25		Continued.	Tripped

LINE OUTAGES FOR THE WEEK

		FROM		TO		
		9-Sep-13		15-Sep-13		
Voltage	Name	date_trip	time_trip	date_sync	time_sync	Reason
500KV	HVDC POLE I -CHDPR	12-Sep-13	00.32	12-Sep-13	03.08	Hot Spot
400KV	Jejuri-Koyna STG-IV	8-Sep-13	11.26	9-Sep-13	09.31	Replacement of insulator.
400KV	Padgha - Babaleshwar - II	8-Sep-13	11.22	9-Sep-13	06:57	Dist Prot.
400KV	Karad - Kolhapur - I	8-Sep-13	18.00	10-Sep-13	08.47	Over Voltage.
400KV	Lonikand - Jejuri	9-Sep-13	01.23	9-Sep-13	02.45	Dist. Prot.
400KV	Karad - Kolhapur - II	9-Sep-13	03.09	12-Sep-13	11.30	Over Voltage.
400KV	Dabhol - Nagothane - I	9-Sep-13	01.17	12-Sep-13	14.02	Over Voltage.
400KV	Karad-Jaigad I	9-Sep-13	17.01	10-Sep-13	09.00	Over Voltage.
400KV	Kolhapur - Mapusa - II	9-Sep-13	16.41		Continued.	Over Voltage.
400KV	Koradi-Satpur	9-Sep-13	11.34	9-Sep-13	12.44	PDR,from Koradi,Taken on TBC.
400KV	Solapur-Solapur(PGCIL)	9-Sep-13	17.15	10-Sep-13	07.03	Over Voltage.
400KV	Karad - Solapur (PGCIL)	10-Sep-13	03.38	10-Sep-13	1016	Over Voltage.
400KV	Warora - Tiroda - II	10-Sep-13	02.04	12-Sep-13	09.09	As Adani U-2 W/Dn.
400KV	Lonikand - Jejuri	10-Sep-13	10.36	10-Sep-13	15.09	Repl.of flashover Pilot string R & B Ph.
400KV	400/220 KV,500MVA ICT-II at Deepnagar.	10-Sep-13	11.42	10-Sep-13	17.56	To attend intermittent oil leakage from PRV of R PH.
400KV	Padgha - Nagothane - I	10-Sep-13	16.43	11-Sep-13	13.38	D/P,B-Ph suspension string flashover.
400KV	Karad-Jaigad I	10-Sep-13	17.31	11-Sep-13	07.52	Over Voltage.
400KV	Parli - Solapur	10-Sep-13	14.35	11-Sep-13	10.45	R-Ph shown zero current at Parli end.
400KV	Dhule - Babaleshwar - II	10-Sep-13	16.11	11-Sep-13	06.02	Sparking in Panel at Dhule end.
400KV	Koradi-Satpur	10-Sep-13	13.15	10-Sep-13	13.51	Over Voltage,Sarni end.
400KV	Wardha (PG) - Warora - I	10-Sep-13	17.48	11-Sep-13	13.20	Over Voltage.
400KV	Karad - Solapur (PGCIL)	10-Sep-13	20.02	11-Sep-13	08.06	Over Voltage.
400KV	Solapur - Solapur (PG)	10-Sep-13	20.00	10-Sep-13	22.49	Over Voltage.
400KV	Karad - Kolhapur - I	10-Sep-13	23.52	11-Sep-13	07.32	Over Voltage.
400KV	Lonikand- Koyna Stage IV	11-Sep-13	01.12	11-Sep-13	17.15	Over Voltage.
400KV	Dhule-Sar'Sarovar - II	11-Sep-13	03.15	11-Sep-13	07.15	Over Voltage.
400KV	Solapur - Solapur (PG)	11-Sep-13	16.51	12-Sep-13	07.30	Over Voltage
400KV	Koradi-Satpur	11-Sep-13	13.15	11-Sep-13	18.12	DC Earth Leakage in Main BKR(Ckt is on TBC)
400KV	Dhule-Sar'Sarovar - II	12-Sep-13	02.22	12-Sep-13	10.11	Over Voltage
400KV	Karad-Jaigad I	12-Sep-13	00.13	12-Sep-13	09.36	Over Voltage
400KV	Lonikand- Koyna Stage IV	12-Sep-13	00.15	12-Sep-13	09.25	Over Voltage
400KV	Akola - Indiabull (Nandgaonpeth)	12-Sep-13	07.11	12-Sep-13	07.55	Distance protection
400KV	Karad-Jaigad I	12-Sep-13	17.26	13-Sep-13	08.07	Distance protection.
400KV	Karad - Kolhapur - I	12-Sep-13	17.40	14-Sep-13	08.45	Over Voltage
400KV	Koradi-Satpur	12-Sep-13	11.15	12-Sep-13	17.41	Work in Main Bkr (Line on TBC)
400KV	Koradi-Bhilai	12-Sep-13	15.40	12-Sep-13	16.44	To take Line Reactor
400KV	Dabhol-Nagothane-II	12-Sep-13	13.52	13-Sep-13	09.37	Distance protection(Ready for charging 16.17Hrs)
400KV	Lonikand- Koyna Stage IV	12-Sep-13	23.30	13-Sep-13	09.10	Over Voltage
400KV	Dabhol - Nagothane - I	13-Sep-13	22.58		Continued.	H/T O/V
400KV	Dhule-S'Sarovar I	13-Sep-13	03.18	13-Sep-13	08.31	Over Voltage
400KV	Solapur-Solapur(PGCIL)	13-Sep-13	00.34	13-Sep-13	06.43	Over Voltage
400KV	Dhule-Khandwa I	13-Sep-13	14.31	14-Sep-13	16.38	tripped on soft ,FC1.1KA.
400KV	Solapur - Solapur (PG)	13-Sep-13	17.59	14-Sep-13	06.44	H/T code 9/939 432/424 Kv
400KV	Karad - Kolhapur - II	13-Sep-13	23.58		Continued.	Trip DT send from Karad.
400KV	Karad-Jaigad I	14-Sep-13	00.39	14-Sep-13	09.32	Trip DT send from Karad.
400KV	Bus Coupler @ Parli	14-Sep-13	10.08	14-Sep-13	13.07	To Attend Compressor Problem.
400KV	Solapur - Solapur (PG)	14-Sep-13	19.41	15-Sep-13	07.38	Over Voltage.
400KV	Karad-Jaigad I	14-Sep-13	23.49	15-Sep-13	11.35	Over Voltage.
400KV	Karad - Solapur (PGCIL)	15-Sep-13	03.26	15-Sep-13	08.38	Over Voltage.
400KV	Karad-Jaigad I	15-Sep-13	22.27		Continued.	Over Voltage
400KV	Padgha - Babaleshwar - II	15-Sep-13	16.36	15-Sep-13	22.18	Distance Protection
400KV	Solapur-Solapur(PGCIL)	15-Sep-13	17.05	16-Sep-13	07.11	Over Voltage
220KV	Karad-Kadegaon	9-Sep-13	01.08	9-Sep-13	12.15	Dist. Prot.
220KV	Karad Mudsingi-II	9-Sep-13	02.22	9-Sep-13	02.35	Dist. Prot.
220KV	Jejuri - Phursungi - II	9-Sep-13	03.13	9-Sep-13	03.22	Dist.Prot.
220KV	Karad Mudsingi-II	9-Sep-13	04.59	9-Sep-13	05.13	Dist Prot.
220KV	220/100 KV 200 MVA ICT II at Trombay	9-Sep-13	17.33	10-Sep-13	06.41	Due to problem in LV CB,86,86X(HV Side).
220KV	220/132 KV 200 MVA ICT - II @ Bhusawal	9-Sep-13	09.25	9-Sep-13	15.22	B-Ph CT Replacement.
220KV	Badnera - Akola - I	9-Sep-13	14.46	10-Sep-13	00.11	Dist Prot,Z-I.
220KV	Vita - Miraj	10-Sep-13	12.41	10-Sep-13	16.20	Repl.of faulty string at Loc 61 R,Y & B Ph.
220KV	Nasik - Ghatghar	10-Sep-13	14.04	10-Sep-13	14.17	Dist.Prot.
220KV	Urse-Sahara	10-Sep-13	14.40	10-Sep-13	15.10	Dist.Prot.
220KV	Boiser - Tarapur	10-Sep-13	13.59	10-Sep-13	14.27	Dist.Prot.
220KV	Vasai-Boiser(PG)	10-Sep-13	19.30	10-Sep-13	20.22	Open by WRLDC To control O/D.
220KV	220/132 KV 200 MVA ICT-I @ Harangul	10-Sep-13	10.15	10-Sep-13	14.01	Oil Leakage and Maint.work.
220KV	Khaparkheda New - Khaparkheda Old - II	10-Sep-13	09.23	10-Sep-13	13.56	Repl of jumper of Y-Ph CT.
220KV	Parli-I - Harangul - II	10-Sep-13	09.56	10-Sep-13	12.48	Hot Spot of B-Ph CT.
220KV	Lamboti-Bale-I	11-Sep-13	10.53	11-Sep-13	13.45	Connecting of Jumper from CT
220KV	Nasik - Ghatghar	11-Sep-13	11.05	11-Sep-13	13.36	Replacement Insulator String
220KV	Urse-Sahara	11-Sep-13	15.45	11-Sep-13	16.07	Distance Protection
220KV	Kolhapur-Sawantwadi	11-Sep-13	16.02	12-Sep-13	14.50	Distance Protection
220KV	Khaparkheda - Kanhan - I	11-Sep-13	04.35	11-Sep-13	13.17	Distance Protection
220KV	Parli-I - Harangul - II	11-Sep-13	19.14	11-Sep-13	20.46	Line Isolator B Phase Heavy Sparking Observed

220KV	220/100KV,200MVA ICT-I at Borivali.	12-Sep-13	00.32	12-Sep-13	01.20	Oil Temp.High
220KV	Padghe - Nashik - II	12-Sep-13	15.24	12-Sep-13	15.44	Distance protection
220KV	Pedambe - Adlab	12-Sep-13	16.25	12-Sep-13	21.00	Distance protection
220KV	Uran-ONGC	12-Sep-13	10.50	12-Sep-13	15.23	Tree Cutting and Jumper connection work
220KV	220/132 KV 200 MVA ICT- II @ Boiser	12-Sep-13	13.45		Continued.	CB Compressor Motor problem(Taken on TBC)
220KV	Tarapur - Borivali	12-Sep-13	17.35	12-Sep-13	18.36	Distance protection
220KV	Kolhapur - Sawantwadi - II	12-Sep-13	16.01	15-Sep-13	10.39	Distance protection
220KV	Beed-Patoda I	12-Sep-13	15.15	12-Sep-13	16.15	Distance Protection
220KV	Washala-Ghatghar	13-Sep-13	14.20	13-Sep-13	15.55	Hot Spot Attending Work.
220KV	Jejuri (New) - Phursungi - II	13-Sep-13	14.42	13-Sep-13	16.35	Hot Spot Attending Work At Phursungi.
220KV	Uran-Apta-II	13-Sep-13	15.35	13-Sep-13	15.50	A/R Successful At Apta . Tripped from Uran end only.
220KV	Pedambe - Oni	13-Sep-13	16.49	13-Sep-13	22.35	Tripped on D/P & Declared faulty.
220KV	Taps-Boiser	13-Sep-13	09.40	13-Sep-13	12.37	For Replacement of insulator string at L N -35.
220KV	Urse-I-Talegaon	13-Sep-13	14.23	13-Sep-13	19.55	line maint. work.
220KV	Urse-II -Talegaon	13-Sep-13	07.03	13-Sep-13	14.15	Line Maint.work.
220KV	Kurkumb-Bhigwan	14-Sep-13	09.10	14-Sep-13	18.25	Insulator String Replacement.
220KV	Padgha-Jambhul-I	14-Sep-13	05.09	14-Sep-13	07.34	Tripped on Dist. Protection.
220KV	Girwali - Parly - IV	14-Sep-13	19.30	14-Sep-13	20.25	Bus Bar Protection Operated Sue to Bursting of R Ph. Parli-Ext-II.
220KV	Parli-Usmanabad	14-Sep-13	19.30	14-Sep-13	20.18	Bus Bar Protection Operated Sue to Bursting of R Ph. Parli-Ext-II.
220KV	Parly - Harangul - II.	14-Sep-13	19.30	14-Sep-13	20.15	Bus Bar Protection Operated Sue to Bursting of R Ph. Parli-Ext-II.
220KV	Parly - New Parly TPS - II	14-Sep-13	19.30		Continued.	Bus Bar Protection Operated Sue to Bursting of R Ph. Parli-Ext-II.
220KV	Parly - New Parly TPS - I	14-Sep-13	19.30	14-Sep-13	20.35	Bus Bar Protection Operated Sue to Bursting of R Ph. Parli-Ext-II.
220KV	Parly - Harangool - I	14-Sep-13	19.30	14-Sep-13	20.21	Bus Bar Protection Operated Sue to Bursting of R Ph. Parli-Ext-II.
220KV	Bus Coupler @ Parly-I	14-Sep-13	19.30	14-Sep-13	20.15	Bus Bar Protection Operated Sue to Bursting of R Ph. Parli-Ext-II.
220KV	Main Bus-II at parli 1	14-Sep-13	19.30	14-Sep-13	20.12	Bus Bar Protection Operated Sue to Bursting of R Ph. Parli-Ext-II.
220KV	Pusad-Nanded	14-Sep-13	16.40	14-Sep-13	16.51	Distance Protection Operated Z-I RPh.
220KV	Pusad-Nanded	14-Sep-13	19.27	15-Sep-13	12.53	Distance Protection
220KV	220/132 KV 200 MVA ICT - II @ Nanded	14-Sep-13	14.00	14-Sep-13	15.45	Attending Oil Leakages of ICT.
220KV	220/132KV,200MVA ICT.III at Nanded	14-Sep-13	10.40	14-Sep-13	13.25	Attending Oil Leakages of ICT.
220KV	220/132 KV 100 MVA IBT @ Parli-I	14-Sep-13	19.30		Continued.	Bus Bar Protection Operated Due to Bursting of R Ph. Parli-Ext.-II.
220KV	Stn Txmer - II @ Parli Extn	14-Sep-13	19.36	14-Sep-13	20.40	Master Trip.
220KV	Ghodbandar - Bhoisor (MSETCL)	15-Sep-13	20.58	15-Sep-13	21.12	Tripped at Bhoisor end
220KV	Ghatghar - Washala	15-Sep-13	13.35	15-Sep-13	14.00	Distance Protection
220KV	Ghatghar-Jindal	15-Sep-13	13.35		Continued.	Distance Protection
220KV	Padgha-Wada	15-Sep-13	19.56	15-Sep-13	20.29	Distance Protection
220KV	Padgha-Kamba	15-Sep-13	19.50		Continued.	Distance Protection
220KV	Apta-Uran-II	15-Sep-13	20.00	15-Sep-13	20.20	Transient Fault
220KV	Kamba - Kolshet	15-Sep-13	19.56	15-Sep-13	20.50	Backup Prot.operated
220KV	Kandalgaon-Bhira	15-Sep-13	11.30	15-Sep-13	17.30	Line Side Isolator work
220KV	Mahape - Siemens	15-Sep-13	10.00	15-Sep-13	11.26	To Install SF6 Gas Leakage Detectors
220KV	Boiser-Versova	15-Sep-13	09.45	15-Sep-13	15.15	Line Maint.work
220KV	Talegaon - Talegaon (PGCIL)	15-Sep-13	07.25	15-Sep-13	07.46	Handtripped
220KV	Main Bus-II at Uran	15-Sep-13	22.57	15-Sep-13	23.53	HV side Y phase Bushing of Stn.T/F -II Burst
220KV	Uran-Apta-II	15-Sep-13	22.57	15-Sep-13	23.53	Main Bus-II Operated
220KV	Uran-Kharghar-II	15-Sep-13	22.57	16-Sep-13	00.20	Main Bus-II Operated
220KV	Uran - JNPT	15-Sep-13	22.57	16-Sep-13	00.12	Main Bus-II Operated
220KV	Uran -Apta-III	15-Sep-13	22.57	16-Sep-13	00.40	Main Bus-II Operated
220KV	Bus coupler @ Uran	15-Sep-13	22.57	16-Sep-13	00.01	Main Bus-II Operated
220KV	Hingoli-Pusad	15-Sep-13	22.36	15-Sep-13	23.01	Distance Protection
132KV	Beed - Talegaon	9-Sep-13	05.05	9-Sep-13	05.26	Dist Prot.Z-I.
132KV	Pusad-Jambazar	9-Sep-13	06.20	9-Sep-13	06.38	Dist Prot.Z-II.
132KV	Amravati - Lalkhedi	9-Sep-13	21.48	9-Sep-13	21.56	Backup O/C,E/F.Prot.
132KV	Parli-Talegaon	9-Sep-13	05.02	9-Sep-13	06.05	Dist Prot.Z-I.
132KV	Lalkhedi - Durgwada	9-Sep-13	21.48	9-Sep-13	22.03	Dist Prot.Z-I.
132KV	Amravati - Lalkhedi	10-Sep-13	21.48	10-Sep-13	21.56	Back up Prot Optd O/C & E/F.
132KV	Bhusawal - Pachora	10-Sep-13	16.53	10-Sep-13	17.23	Dist Prot.Z-I.
132KV	Lalkhedi - Durgwada	10-Sep-13	21.48	10-Sep-13	22.03	Dist Prot.Z-I.
132KV	Yavatmal - Panderkawada	11-Sep-13	04.40	11-Sep-13	05.10	Distance Protection
132KV	Shahada-Taloda	11-Sep-13	13.05	11-Sep-13	13.20	Distance Protection
132KV	Gangakhed - Kandhar	11-Sep-13	00.45	11-Sep-13	01.15	Distance Protection
132KV	Ambazari - Amravati	12-Sep-13	13.57	12-Sep-13	14.05	Distance Protection
132KV	Amravati-Chandurbazar	12-Sep-13	15.37	12-Sep-13	16.15	Distance Protection
132KV	Boisar - Boisar MIDC	13-Sep-13	12.57	13-Sep-13	14.43	Hot spot attending work.
132KV	Girwali-Renapur -Ahemadpur	13-Sep-13	11.32	13-Sep-13	15.15	OF RENAPUR AND AHEMADPUR. LOAD DIVERTED ON 132 KV LATUR
132KV	Yavatmal - Panderkawada	14-Sep-13	22.50	14-Sep-13	23.02	Distance Protection Operated Z-I R Ph.
132KV	Kanhan - Pench - I	15-Sep-13	16.47	15-Sep-13	17.10	Distance Protection
132KV	Elichpur - Hingoli	15-Sep-13	17.41	15-Sep-13	18.03	Distance Protection
132KV	Nanded - Tamsa	15-Sep-13	22.03	15-Sep-13	22.18	Distance Protection
132KV	Mansar - Pench	15-Sep-13	16.47	15-Sep-13	17.20	Distance Protection
132KV	Kardha-Sakoli	15-Sep-13	18.30	15-Sep-13	20.30	Abnormal Sound In R Phase CC
100KV	Padgha - Bhiwandi -I	11-Sep-13	18.14	11-Sep-13	18.46	Distance Protection
100KV	Padgha - Bhiwandi -II	11-Sep-13	18.14	11-Sep-13	18.40	Distance Protection
100KV	Kalwa-Pal	12-Sep-13	15.27	12-Sep-13	16.48	CB Open at Pal end
100KV	Kandalgaon - Mhasale	15-Sep-13	15.20	15-Sep-13	15.35	Transient Fault