

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.
Maharashtra State Load Despatch Centre, Kalwa

To,
DSS CONTROL ROOM,
Head Office Mumbai.

Sub: Report of the Power System position for the period 28-Oct-13 To 3-Nov-13

Date	Monday 28-Oct-13	Tuesday 29-Oct-13	Wednesday 30-Oct-13	Thursday 31-Oct-13	Friday 1-Nov-13	Saturday 2-Nov-13	Sunday 3-Nov-13
On Line Capacity (MW)							
MSPGCL THM	4167	3805	3659	4328	4099	4403	4338
MSPGCL HY	1167	1132	1212	1205	1201	1201	1285
MSPGCL GAS	465	465	465	465	465	465	465
MSPGCL TOTAL	5799	5402	5336	5998	5765	6069	6088
Cent. Sect.(incl. RGPPL)	5215	5815	5952	5775	5253	5751	4922
MSPGCL + CS	11014	11217	11288	11773	11018	11820	11010
TPCL	1377	1377	1377	1377	1377	1377	1377
REL	500	500	500	500	500	500	500
TPCL + REL	1877	1877	1877	1877	1877	1877	1877
CPP	2894	2883	2883	2266	2217	2229	2472
STATE OLC	15785	15977	16048	15916	15112	15926	15359
Morning Peak Demand (MW)	12 Hrs	12 Hrs	12 Hrs	12 Hrs	12 Hrs	12 Hrs	8 Hrs
MSPGCL THM	3598	3616	3031	3985	3915	4082	4253
MSPGCL HY	2112	1593	1995	1835	1648	755	483
MSPGCL GAS	469	454	454	295	454	456	488
MSPGCL TOTAL	6179	5663	5480	6115	6017	5293	5224
Cent. Sect.(incl. RGPPL)	5516	6053	6385	6350	5978	6217	5298
Wind	14	40	35	118	74	98	175
CPP	2891	2870	2934	2422	2586	2580	2512
TPCL Asst	-1197	-1185	-1115	-1106	-1020	-831	-297
MSEDCL Catered	13450	13441	13719	13910	13655	13357	12939
Load Shedding (LS)	518	598	595	89	59	62	64
MSEDCL Demand(Incl LS)	13968	14039	14314	13999	13714	13419	13003
TPCL + REL Dem.	3129	3114	3012	3015	2934	2553	1730
State Demand (Incl LS)	17097	17153	17326	17014	16648	15972	14733
Sys. Freq. (Hz)	49.96	50.03	50.06	49.98	50.02	50.02	49.99
Evening Peak Demand (MW)	17 Hrs	17 Hrs	17 Hrs	20 Hrs	20 Hrs	20 Hrs	20 Hrs
MSPGCL THM	3725	3603	3149	3889	4000	4207	4598
MSPGCL HY	1943	1908	1859	1892	1327	514	99
MSPGCL GAS	469	455	453	326	444	474	471
MSPGCL TOTAL	6137	5966	5461	6107	5771	5195	5168
Cent. Sect.(incl. RGPPL)	5296	5618	6490	5936	5652	5879	4800
Wind	63	49	44	60	82	99	150
CPP	2754	2840	2364	2429	2536	2495	2599
TPCL Asst	-1134	-1106	-1084	-991	-1107	-822	-890
MSEDCL Catered	13138	13367	13275	13594	12957	12873	11854
Load Shedding (LS)	563	410	457	79	82	69	64
MSEDCL Demand(Incl LS)	13701	13777	13732	13673	13039	12942	11918
TPCL + REL Dem.	3069	3018	2995	2847	2815	2585	2475
State Demand (Incl LS)	16770	16795	16727	16520	15854	15527	14393
Sys. Freq. (Hz)	49.97	49.92	49.93	50.11	50.15	50.06	50.17

Chief Engineer
MSLDC, Kalwa

SLDC,KALWA
MSPGCL WEEKLY FORCED & PLANNED UNIT OUTAGES

WEEK	28-Oct-13	TO	3-Nov-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	28-Oct-2013		29-Oct-2013		30-Oct-2013		31-Oct-2013		1-Nov-2013		2-Nov-2013		3-Nov-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	*	*	*	4	*	4	*	4
2	KORADI	*	*	*	*	*	6	*	6	*	6	*	6	*	*
3	KHAPERKHEDA	*	*	*	1	*	1	*	1	*	1	*	1	*	1
4	PARALI	3	*	3	*	3	*	3	*	3	*	3	*	3	*
5	CHANDRAPUR	5	2,7	5	7	5	7	5	*	5	*	5	*	5	*
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	
28-Oct-2013	MONDAY	102.481	4270	11.530	480	114.011	4750	121.117	5047	7.106	296
29-Oct-2013	TUESDAY	102.792	4283	15.630	651	118.422	4934	124.952	5206	6.530	272
30-Oct-2013	WEDNESDAY	113.951	4748	17.100	713	131.051	5460	136.335	5681	5.284	220
31-Oct-2013	THURSDAY	108.447	4519	22.240	927	130.687	5445	137.575	5732	6.888	287
1-Nov-2013	FRIDAY	107.124	4464	17.330	722	124.454	5186	133.107	5546	8.653	361
2-Nov-2013	SATURDAY	106.124	4422	23.020	959	129.144	5381	135.893	5662	6.749	281
3-Nov-2013	SUNDAY	100.024	4168	8.860	369	108.884	4537	116.701	4863	7.817	326
	TOTAL	740.943		115.710		856.653		905.680		49.027	

Details of Koyna Water Consumption (In TMC)

DATE	For the Day	For the Month	Balance
28-Oct-13	0.595	5.739	48.399
29-Oct-13	0.537	6.276	47.862
30-Oct-13	0.594	6.870	47.268
31-Oct-13	0.656	7.526	46.612
1-Nov-13	0.464	0.464	46.148
2-Nov-13	0.216	0.680	45.932
3-Nov-13	0.043	0.723	45.889

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												
28-Oct-13	17	3725	1943	469	6137	5296	63	2754	-1134	13138	563	13701	1417	518	16207	16770	49.97
29-Oct-13	17	3603	1908	455	5966	5618	49	2840	-1106	13367	410	13777	1393	519	16385	16795	49.92
30-Oct-13	17	3149	1859	453	5461	6490	44	2364	-1084	13275	457	13732	1391	520	16270	16727	49.93
31-Oct-13	20	3889	1892	326	6107	5936	60	2429	-991	13594	79	13673	1338	518	16441	16520	50.11
1-Nov-13	20	4000	1327	444	5771	5652	82	2536	-1107	12957	82	13039	1189	519	15772	15854	50.15
2-Nov-13	20	4207	514	474	5195	5879	99	2495	-822	12873	69	12942	1248	515	15458	15527	50.06
3-Nov-13	20	4598	99	471	5168	4800	150	2599	-890	11854	64	11918	1063	522	14329	14393	50.17
Maximum		4598	1943	474	6137	6490	150	2840	-822	13594	563	13777	1417	522	16441	16795	50.17
Minimum		3149	99	326	5168	4800	44	2364	-1134	11854	64	11918	1063	515	14329	14393	49.92
Average		3882	1363	442	5686	5667	78	2574	-1019	13008	246	13255	1291	519	15837	16084	50.04

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												
28-Oct-13	12	3598	2112	469	6179	5516	14	2891	-1197	13450	518	13968	1413	519	16579	17097	49.96
29-Oct-13	12	3616	1593	454	5663	6053	40	2870	-1185	13441	598	14039	1410	519	16555	17153	50.03
30-Oct-13	12	3031	1995	454	5480	6385	35	2934	-1115	13719	595	14314	1376	521	16731	17326	50.06
31-Oct-13	12	3985	1835	295	6115	6350	118	2422	-1106	13910	89	13999	1388	521	16925	17014	49.98
1-Nov-13	12	3915	1648	454	6017	5978	74	2586	-1020	13655	59	13714	1391	523	16589	16648	50.02
2-Nov-13	12	4082	755	456	5293	6217	98	2580	-831	13357	62	13419	1200	522	15910	15972	50.02
3-Nov-13	8	4253	483	488	5224	5298	175	2512	-297	12939	64	13003	911	522	14669	14733	49.99
Maximum		4253	2112	488	6179	6385	175	2934	-297	13910	598	14314	1413	523	16925	17326	50.06
Minimum		3031	483	295	5224	5298	14	2422	-1197	12939	59	13003	911	519	14669	14733	49.96
Average		3783	1489	439	5710	5971	79	2685	-964	13496	284	13779	1298	521	16280	16563	50.01

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
28-Oct-13	88.706	29.091	11.393	0.885	130.075	121.117	114.011	1.376	67.237	28.424	12.468	-21.215	298.589	62.105	360.694
29-Oct-13	87.660	27.497	11.324	0.247	126.728	124.952	118.422	1.644	68.832	28.562	12.459	-20.037	302.119	61.056	363.175
30-Oct-13	79.472	28.294	11.346	0.121	119.233	136.335	131.051	1.682	63.610	28.265	12.478	-19.248	301.612	59.989	361.601
31-Oct-13	94.413	30.925	8.660	0.506	134.504	137.575	130.687	2.171	56.140	27.983	12.482	-19.147	311.242	59.610	370.852
1-Nov-13	94.958	24.018	11.113	0.310	130.399	133.107	124.454	2.157	59.670	26.694	12.515	-19.116	306.215	58.324	364.539
2-Nov-13	99.363	11.101	11.094	0.413	121.971	135.893	129.144	2.395	59.221	24.704	11.733	-17.232	302.247	53.669	355.916
3-Nov-13	104.012	4.020	11.362	0.337	119.731	116.701	108.884	4.172	60.228	18.942	11.220	-18.065	282.767	48.234	331.001
Maximum	104.012	30.925	11.393	0.885	134.504	137.575	131.051	4.172	68.832	28.562	12.515	-17.232	311.242	62.105	370.852
Minimum	79.472	4.020	8.660	0.121	119.233	116.701	108.884	1.376	56.140	18.942	11.220	-21.215	282.767	48.234	331.001
Average	92.655	22.135	10.899	0.403	126.092	129.383	122.379	2.228	62.134	26.225	12.194	-19.151	300.684	57.570	358.254

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.

Maharashtra State Load Despatch Centre, Kalwa

Information for Weekly Cabinet Meeting

For the Week

28-Oct-13

to

3-Nov-13

Demand Supply Summary

	Morning Peak (MW)	Evening Peak (MW)
Average Peak Demand	13779	13255
Average Peak Supply	13496	13008
Average Load Relief (LS)	284	246

Average Supply Summary

	Morning Peak (MW)	Evening Peak (MW)	Mus
Thermal	3783	3882	92.65
Gas	439	442	10.90
Hydro	1489	1363	22.14
CS Drawal (Total)	5971	5667	129.38
TPCL	-964	-1019	-19.15

Koyna Water position

	Water in TMC Feet
Average Water Used Per Day	0.444
Balance Left	45.889
Balance Left Last Year Same Week	39.234

MSPGCL Unit Outage Position

Date	MSPGCL (in MW)		
	Planned	Forced	Total
28-Oct-13	710	920	1630
29-Oct-13	710	920	1630
30-Oct-13	710	1130	1840
31-Oct-13	710	420	1130
1-Nov-13	710	630	1340
2-Nov-13	710	630	1340
3-Nov-13	710	420	1130

Distressed Load Shedding

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

GENERATING UNIT OUTAGES FOR THE WEEK

FROM 28-Oct-13 TO 3-Nov-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
Chandrapur	Unit 5	500	14-Jul-13	00.01		Continued.	Annual Overhaul
CPP	WPCL U-2	135	16-Oct-13	05.15		Continued.	Maint.Work.

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.	Gas Shortage
CPP	WPCL U-3	135	16-Sep-13	21.19	3-Nov-13	14.07	ESP Bag filter repl.
CPP	VIPL	300	2-Oct-13	00.45		Continued.	Turbine bearing vibration high.
Uran	Unit 5	108	5-Oct-13	07.26		Continued.	Gas Shortage
Bhusawal	Unit 5	500	18-Oct-13	15.16		Continued.	ESP Problem.
CPP	JSW (J) U2	300	21-Oct-13	00.00		Continued.	Lack of Shedule.
CPP	INDIABULLS	270	22-Oct-13	13.32	2-Nov-13	21.45	Boiler Problem.
Koyna	Unit 11	80	22-Oct-13	00.02	1-Nov-13	11.05	Trash Track Work
Chandrapur	Unit 2	210	23-Oct-13	11.04	28-Oct-13	09.38	Boiler Tube Leakage
Nasik	Unit 3	210	26-Oct-13	22.45	31-Oct-13	02.40	UAT Buchholz operated
Chandrapur	Unit 7	500	27-Oct-13	09.01	31-Oct-13	04.47	Boiler Tube Leakage.
Khaparkheda	Unit 1	210	28-Oct-13	20.37	3-Nov-13	12.55	Coal Mill Problem.
Koradi	Unit 6	210	30-Oct-13	05.45	2-Nov-13	13.33	Bunkering Problem.
Chandrapur	Unit 2	210	30-Oct-13	07.42	30-Oct-13	10.43	Furnace Pressure High
CPP	Adani U-3	660	30-Oct-13	14.25		Continued.	R Phase HV Bushing of GT3 Burst
Khaparkheda	Unit 3	210	30-Oct-13	07.05	30-Oct-13	21.45	Low Drum Level
Uran	Unit 7	108	31-Oct-13	06.22	31-Oct-13	18.54	Gas Shortage
Nasik	Unit 4	210	31-Oct-13	14.00	3-Nov-13	10.25	Control Valve Problem
Cent Sect	TARAPUR-4	540	31-Oct-13	13.46	3-Nov-13	23.24	Reactor Problem
REL	2	250	2-Nov-13	16.07	2-Nov-13	17.51	Malfunction of C & I card
CPP	WPCL U-1	135	3-Nov-13	6.24		Continued.	ID FAN PROBLEM
Chandrapur	Unit 1	210	3-Nov-13	12.12		Continued.	poor bunkering problem
Khaparkheda	Unit 1	210	3-Nov-13	15.31	3-Nov-13	17.42	drum level low
CPP	WPCL U-3	135	3-Nov-13	15.07	3-Nov-13	16.07	turbing pressure high
Nasik	Unit 4	210	3-Nov-13	10.35	3-Nov-13	11.35	low forword power protection

LINE OUTAGES FOR THE WEEK

		FROM 28-Oct-13		TO 3-Nov-13		
Voltage	Name	date_trip	time_trip	date_sync	time_sync	Reason
400KV	Kolhapur-Solapur(PGCIL)-I	18-Sep-13	17.01	29-Oct-13	09.47	Over Voltage
400KV	Kolhapur-Solapur (PG) II	20-Sep-13	17.08	29-Oct-13	10.31	Due to Heavy Rains,7 No's of Towers are Damaged.
400KV	Dabhol - New Koyna - I	26-Sep-13	18.50	3-Nov-13	09.30	Chatering Noise at Loc.No.47
400KV	TBC at Khadka	7-Oct-13	17.38	31-Oct-13	20.19	foundation mismatch.
400KV	765 KV Wardha - Seoni - I	21-Oct-13	17.57	30-Oct-13	16.38	Over Voltage.
400KV	Bhusawal- Aurangabad	25-Oct-13	7.54	28-Oct-13	10.35	over voltage
400KV	Kolhapur - Mapusa - II	26-Oct-13	17.35	30-Oct-13	10.42	over voltage
400KV	Karad - Newkoyna - I	26-Oct-13	21.52	28-Oct-13	11.01	over voltage
400KV	Chandrapur - Parli - III	27-Oct-13	13.01	29-Oct-13	11.40	Control Line Loading
400KV	Karad - Kolhapur - II	28-Oct-13	03.05	28-Oct-13	09.21	Over Voltage.
400KV	80 MVAR Bus Reactor-I @ Babaleshwar	28-Oct-13	09.00	28-Oct-13	17.35	Q.M.Work
400KV	400/11KV 80 MVA STN.T/F 4B at Deepna	28-Oct-13	09.04	28-Oct-13	13.42	Tan delta of CT & collection oil sample for DGA.
400KV	440/220 KV 500 MVA ICT-II Main Bay @ D	28-Oct-13	09.03	28-Oct-13	16.26	Tan delta of 3CTs & collection oil sampling.
400KV	Karad - Kolhapur - II	28-Oct-13	16.55	29-Oct-13	11.31	Over Voltage.
400KV	Karad - Solapur (PGCIL)	28-Oct-13	16.55	28-Oct-13	18.34	Over Voltage.
400KV	Karad-Jaigad I	28-Oct-13	16.55	29-Oct-13	09.55	Dist.Prot.
400KV	Bhusawal- Aurangabad	28-Oct-13	17.10	29-Oct-13	10.55	Over Voltage.
400KV	600 MVA 21/400 KV GT VII at Chandrapur	28-Oct-13	15.30	28-Oct-13	18.00	Hot spot attending work on isolator.
400KV	400/220 KV 500 MVA ICT-I @ Jejuri	28-Oct-13	23.11	29-Oct-13	01.59	Attending hot spot on B-Ph stud.
400KV	Dhule-Sar'Sarovar - I	29-Oct-13	00.22	29-Oct-13	10.58	Over Voltage.
400KV	Lonikand - Chakan	29-Oct-13	16.41	29-Oct-13	18.15	Testing trials of own CB at Lonikand.
400KV	Kolhapur-Solapur(PGCIL)-I	29-Oct-13	12.29	30-Oct-13	11.55	Y-Ph LA Burst at K'pur end.
400KV	Bhusawal- Aurangabad	29-Oct-13	17.19	30-Oct-13	10.37	Over Voltage.
400KV	Chandrapur - Parli - II	29-Oct-13	17.43	31-Oct-13	15.13	Over Voltage.
400KV	Karad - Kolhapur - II	29-Oct-13	21.49	30-Oct-13	11.33	Over Voltage.
400KV	Lamboti - Solapur (PGCIL)	29-Oct-13	17.40	30-Oct-13	06.48	Over Voltage.
400KV	Dhule-Sar'Sarovar - I	29-Oct-13	22.16	30-Oct-13	09.23	Over Voltage.
400KV	Koradi-Bhilai	30-Oct-13	03.21	30-Oct-13	03.57	Dist prot at Karadi end.
400KV	Warora-Tiroda-I	30-Oct-13	14.25	30-Oct-13	14.46	R Phase bushing of GT3 Burst
400KV	Lonikand- Koyna Stage IV	30-Oct-13	03.12	30-Oct-13	08.30	Over Voltage
400KV	Bhusawal- Aurangabad	30-Oct-13	17.05	31-Oct-13	09.00	Over Voltage
400KV	Karad - Kolhapur - II	30-Oct-13	18.21		Continued.	Over Voltage
400KV	Solapur - Solapur (PG)	30-Oct-13	19.09	31-Oct-13	06.13	Over Voltage
400KV	Kolhapur-Mapusa-II	30-Oct-13	21.27		Continued.	Over Voltage
400KV	Main Bus-I at Stage-4 Koyna.	30-Oct-13	08.28	30-Oct-13	16.45	Tan Delta of CVT
400KV	Dhule-Sar'Sarovar - I	30-Oct-13	23.21	31-Oct-13	16.00	Over Voltage
400KV	Lonikand- Koyna Stage IV	31-Oct-13	02.00	31-Oct-13	07.39	Over Voltage
400KV	Kolhapur-Solapur(PGCIL)-I	31-Oct-13	00.38	31-Oct-13	09.52	Over Voltage
400KV	Kolhapur-Solapur (PG) II	31-Oct-13	20.19	2-Nov-13	10.30	Over Voltage
400KV	Bhusawal- Aurangabad	31-Oct-13	17.22	1-Nov-13	05.29	Over Voltage
400KV	Karad-Jaigad I	31-Oct-13	20.08		Continued.	Over Voltage
400KV	Karad - Solapur (PGCIL)	31-Oct-13	21.35	31-Oct-13	22.50	Over Voltage
400KV	400/220KV,315 MVA ICT-I At Lonikand.	31-Oct-13	09.50	31-Oct-13	18.37	Replacement of LA under Jiaca-2
400KV	Dhule-Sar'Sarovar - II	31-Oct-13	10.03	31-Oct-13	14.19	work at ssp end
400KV	Parly(PG)- Solapur(PG) - I	31-Oct-13	20.03	31-Oct-13	22.54	Over Voltage
400KV	Dhule-Sar'Sarovar - II	1-Nov-13	01.26	1-Nov-13	05.54	Over Voltage
400KV	Dabhol - Nagothane - I	1-Nov-13	03.05	1-Nov-13	07.06	Over Voltage
400KV	Bhusawal- Aurangabad	1-Nov-13	18.07		Continued.	Over Voltage
400KV	Dhule-Sar'Sarovar - I	1-Nov-13	23.45	2-Nov-13	10.46	Over Voltage
400KV	Lonikand-Stage4	2-Nov-13	01.40	2-Nov-13	8.49	OVER VOLTAGE
400KV	Karad - Kolhapur - I	2-Nov-13	16.31	3-Nov-13	11.21	over voltage
400KV	Dabhol - NewKoyna - II	2-Nov-13	21.32	3-Nov-13	6.24	over voltage
400KV	Dabhol - Nagothane - I	2-Nov-13	21.32		Continued.	over voltage
400KV	Karad - Solapur (PGCIL)	2-Nov-13	21.32	3-Nov-13	11.14	over voltage
400KV	Kolhapur-Solapur (PG) II	2-Nov-13	16.32		Continued.	over voltage
400KV	C'pur-Parli II	2-Nov-13	21.39	3-Nov-13	06.51	over voltage
400KV	Lonikand- Koyna Stage IV	2-Nov-13	23.30	3-Nov-13	06.35	Over Voltage
400KV	Dhule-Sar'Sarovar - II	3-Nov-13	00.46		Continued.	Over Voltage
400KV	Karad - Kolhapur - I	3-Nov-13	16.11		Continued.	Over Voltage.
400KV	Dabhol - New Koyna - I	3-Nov-13	16.02		Continued.	Over Voltage.
400KV	Dabhol - NewKoyna - II	3-Nov-13	16.56	3-Nov-13	18.33	Over Voltage.
400KV	Dabhol - NewKoyna - II	3-Nov-13	21.52		Continued.	Over Voltage.
400KV	Karad - Solapur (PGCIL)	3-Nov-13	16.37		Continued.	Over Voltage.
400KV	Kolhapur-Solapur (PG) II	3-Nov-13	17.01	3-Nov-13	18.12	Over Voltage.
400KV	Chandrapur - Parli - II	3-Nov-13	21.52	4-Nov-13	6.15	Over Voltage.

400KV	Lonikand- Koyna Stage IV	3-Nov-13	21.55		Continued.	Over Voltage.
220KV	Butibori MIDC - Vipl ckt - III (Gis Bay)	21-Oct-13	15:07	2-Nov-13	12.40	To Attend Oil Leakage from B Ph Bushing.
220KV	Butibori MIDC - Vipl ckt - IV (Gis Bay)	21-Oct-13	15:07	2-Nov-13	12.39	To Attend Oil Leakage from B Ph Bushing.
220KV	Karad-Mudsingi-IV	28-Oct-13	07.04	28-Oct-13	07.18	Distance Protection.
220KV	Main Bus @ Lote	28-Oct-13	08.30	28-Oct-13	17.32	Miant.work.
220KV	Pedambe - Oni	28-Oct-13	09.10	28-Oct-13	16.55	Repl.of R-Ph LA and Q.M.Work
220KV	KDPH-Wankuswadi	28-Oct-13	09.55	28-Oct-13	18.25	Repl.of old insulator.
220KV	Mudshingi-Wathar	28-Oct-13	09.40	28-Oct-13	16.00	Q.M.Work.
220KV	Karad - Vita I	28-Oct-13	14.03	28-Oct-13	18.31	B-Ph E/F.
220KV	220/132 KV,200 MVA ICT-II at Chikhli	28-Oct-13	11.30	28-Oct-13	18.18	Q.M.Work
220KV	Pophali-New Koyna	29-Oct-13	08.08	29-Oct-13	17.32	Preventive maint.work.
220KV	Bale - Tuljapur	29-Oct-13	16.43	29-Oct-13	18.57	Hot Spot.
220KV	Karad - Vita I	29-Oct-13	10.20	29-Oct-13	13.40	Q.M.Work
220KV	220/100 KV,200 MVA ICT-I @ Apta	29-Oct-13	13.42	29-Oct-13	14.59	WTI meter Repl.work
220KV	KDPH-Wankuswadi	29-Oct-13	09.30	29-Oct-13	18.15	Repl.of old insulator string.
220KV	Lote - N.Koyna	29-Oct-13	11.57	29-Oct-13	12.23	Transient Tripping.
220KV	Talandge - Sawantwadi	29-Oct-13	17.30	29-Oct-13	17.43	Dist Prot.
220KV	Talandge - Sawantwadi - II.	29-Oct-13	17.30		Continued.	Dist Prot.
220KV	Pophali - Panama	29-Oct-13	19.45	29-Oct-13	20.18	Dist Prot.
220KV	Talegaon - Talegaon (PGCIL)	29-Oct-13	10.29	29-Oct-13	18.53	To attend hot spot.
220KV	220/132 KV 200 MVA ICT- II @ Kalmeshwar	29-Oct-13	09.07	29-Oct-13	13.46	Bus Bar Prot Optd again tripped on PDR optd at 09.50Hrs..
220KV	Warora-Hinganghat	29-Oct-13	12.38	29-Oct-13	15.52	Attending Red Hot Spot.
220KV	Kalwa-Temghar	30-Oct-13	09.45	30-Oct-13	14.35	Replacement of Faulty spring charging Motor of CB pole
220KV	Karad-Mudsingi-IV	30-Oct-13	10.25	30-Oct-13	12.56	Insulator replacement
220KV	M'Peth -Vankuswade	30-Oct-13	09.25	30-Oct-13	16.52	Replacement of Old Insulator
220KV	Vita - Lamboti	30-Oct-13	16.40	30-Oct-13	18.32	Replacement of Faulty Insulator
220KV	220/132KV 200MVA ICT-I @ Raymond	30-Oct-13	09.43	30-Oct-13	18.11	Q.M.Work
220KV	Aarey - Saki - I	30-Oct-13	23.46	3-Nov-13	15.23	Emergency outage
220KV	Trombay - Tifil	31-Oct-13	14.47	31-Oct-13	15.15	Transient Tripping
220KV	220/100 KV 200 MVA ICT II at Trombay	31-Oct-13	07.28	31-Oct-13	16.18	Differential Protection
220KV	Kandalgaon - Dasturi	31-Oct-13	17.35	31-Oct-13	19.21	Hot Spot
220KV	Karad - Peth	31-Oct-13	09.12	31-Oct-13	17.54	Replacement of Old Insulator
220KV	Lonikand-Bhosari	31-Oct-13	08.57	31-Oct-13	19.18	Replacement of Insulator
220KV	Bhugaon-Pusad	31-Oct-13	10.10	31-Oct-13	17.08	Red Hot
220KV	Warora-Hinganghat	31-Oct-13	16.00	31-Oct-13	16.38	Distance Protection
220KV	Hinganghat-Bhugaon	31-Oct-13	16.00	31-Oct-13	16.30	Distance Protection
220KV	Hinganghat - Rly TSS - I	31-Oct-13	16.00	31-Oct-13	23.00	LA Burst
220KV	220/132KV.100MVA T/F at Hinganghat	31-Oct-13	16.00	31-Oct-13	16.40	LV Over Current,Earth Fault
220KV	Hinganghat - RLY TSS - II	31-Oct-13	16.10	31-Oct-13	16.37	TSS -I Y Phase LA Burst
220KV	Nasik-Navsari-I	1-Nov-13	12.54	1-Nov-13	13.40	Distance Protection
220KV	Padgha-Wada	1-Nov-13	10.25	1-Nov-13	18.46	Tension spring found broken
220KV	Lote - N.Koyna	1-Nov-13	15.07	1-Nov-13	18.32	Hot Spot
220KV	Babaleshwar - Nagar - I	1-Nov-13	14.29	1-Nov-13	17.09	Jumper Tightening work
220KV	Wadkhai-IPCL-II	1-Nov-13	12.43	1-Nov-13	17.32	Isolator jumper work
220KV	Nagothane-IPCL	1-Nov-13	10.33	1-Nov-13	17.52	Replacement of LA
220KV	Hinganghat - Rly TSS - I	1-Nov-13	10.32	1-Nov-13	13.06	Replacement of LA
220KV	Padegaon - Sawangi	1-Nov-13	17.48	2-Nov-13	00.04	Distance Protection
220KV	Salsett-Borivali-II	2-Nov-13	14.28	2-Nov-13	15.30	hot spot
220KV	Borivali(M)-Borivali(T)-5	2-Nov-13	6.58	2-Nov-13	9.22	hot spot
132KV	Harangul - Ujani - I	29-Oct-13	04.24	29-Oct-13	04.42	Dist Prot.
132KV	Gangakhed - Sonpeth	29-Oct-13	05.15	29-Oct-13	06.00	Dist Prot.
132KV	Kalmeshwar-Katol	29-Oct-13	09.07	29-Oct-13	09.51	Bus Bar Prot Optd.
132KV	Main Bus- I @ Kalmeshwar	29-Oct-13	09.07	29-Oct-13	09.47	Bus Bar Prot Optd.
132KV	132 KV Bus Coupler @ Kalmeshwar	29-Oct-13	09.07	29-Oct-13	09.47	Bus Bar Prot Optd.
132KV	Kalmeshwar-Saoner Ckt.II	29-Oct-13	09.07	29-Oct-13	09.56	Bus Bar Prot Optd.
132KV	132/33KV 50 MVA T/F I at Kalmeshwar	29-Oct-13	09.07	29-Oct-13	10.03	Bus Bar Prot Optd.
132KV	Hinganghat-ISMT I	31-Oct-13	16.00	31-Oct-13	16.43	Tripped at ISMT End
132KV	Hinganghat-ISMT-II	31-Oct-13	16.00	31-Oct-13	16.43	Tripped at ISMT End
132KV	Paras-Akot	1-Nov-13	17.38	1-Nov-13	17.58	Distance Protection