

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 2-Dec-13 To 8-Dec-13

Date	Monday 2-Dec-13	Tuesday 3-Dec-13	Wednesday 4-Dec-13	Thursday 5-Dec-13	Friday 6-Dec-13	Saturday 7-Dec-13	Sunday 8-Dec-13
On Line Capacity (MW)							
MSPGCL THM	4385	4269	4607	4432	4489	3455	3917
MSPGCL HY	1258	1258	1279	1275	1257	1257	1257
MSPGCL GAS	290	330	330	300	300	300	300
MSPGCL TOTAL	5933	5857	6216	6007	6046	5012	5474
Cent. Sect.(incl. RGPPL)	5257	5297	5790	5355	5338	5668	5122
MSPGCL + CS	11190	11154	12006	11362	11384	10680	10596
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	2356	2299	2374	2364	2365	2407	2354
STATE OLC	15423	15330	16257	15603	15626	14964	14827
Morning Peak Demand (MW)	12 Hrs	12 Hrs	12 Hrs	11 Hrs	12 Hrs	12 Hrs	11 Hrs
MSPGCL THM	4256	4491	4397	4800	4250	3789	4028
MSPGCL HY	2289	1594	1162	1180	1726	1087	1633
MSPGCL GAS	288	286	327	301	300	304	304
MSPGCL TOTAL	6833	6371	5886	6281	6276	5180	5965
Cent. Sect.(incl. RGPPL)	6113	5849	6017	5835	5471	6539	5663
Wind	70	34	233	206	222	274	83
CPP	2651	2694	2697	2745	2719	2675	2759
TPCL Asst	-1104	-1094	-1061	-1022	-1085	-892	-419
MSEDCL Catered	14678	13924	13880	14217	13775	13933	14245
Load Shedding (LS)	846	630	627	610	777	788	742
MSEDCL Demand(Incl LS)	15524	14554	14507	14827	14552	14721	14987
TPCL + REL Dem.	2950	2941	2884	2860	2856	2634	1968
State Demand (Incl LS)	18474	17495	17391	17687	17408	17355	16955
Sys. Freq. (Hz)	50.03	49.99	50.08	50.07	49.98	50.02	49.89
Evening Peak Demand (MW)	17 Hrs	17 Hrs	17 Hrs	17 Hrs	17 Hrs	17 Hrs	17 Hrs
MSPGCL THM	4237	4612	4426	4865	4230	3751	3838
MSPGCL HY	1899	988	1074	1133	1461	1528	1052
MSPGCL GAS	288	285	301	301	300	300	307
MSPGCL TOTAL	6424	5885	5801	6299	5991	5579	5197
Cent. Sect.(incl. RGPPL)	5194	6096	5505	4941	5211	5537	5519
Wind	69	80	120	176	100	139	45
CPP	2757	2446	2675	2712	2666	2710	2675
TPCL Asst	-1012	-1033	-1080	-1043	-1030	-730	-379
MSEDCL Catered	13488	13529	13059	13163	12974	13275	13139
Load Shedding (LS)	760	507	383	454	484	461	573
MSEDCL Demand(Incl LS)	14248	14036	13442	13617	13458	13736	13712
TPCL + REL Dem.	2855	2876	2857	2824	2760	2428	1822
State Demand (Incl LS)	17103	16912	16299	16441	16218	16164	15534
Sys. Freq. (Hz)	49.86	49.93	49.92	50.01	49.98	49.86	49.99

Chief Engineer
MSLDC, Kalwa

SLDC,KALWA
MSPGCL WEEKLY FORCED & PLANNED UNIT OUTAGES

WEEK	2-Dec-13	TO	8-Dec-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	2-Dec-2013		3-Dec-2013		4-Dec-2013		5-Dec-2013		6-Dec-2013		7-Dec-2013		8-Dec-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	*	*	*	*	*	*	*	5	*	3,5	*	3,5	*	3
2	KORADI	*	5	*	*	*	*	*	*	*	*	*	*	*	*
3	KHAPERKHEDA	*	1	*	1	*	1	*	1	*	1	*	3	*	3
4	PARALI	3	*	3	*	3	5	3	5	3	5	3	*	3	*
5	CHANDRAPUR	5	*	5	*	5	*	5	*	5	*	5	6	5	6
6	BHUSAVAL	*	4	*	4	*	4	*	4	*	4	*	4	*	4
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	
2-Dec-2013	MONDAY	110.532	4606	9.270	386	119.802	4992	128.312	5346	8.510	355
3-Dec-2013	TUESDAY	114.124	4755	10.300	429	124.424	5184	131.038	5460	6.614	276
4-Dec-2013	WEDNESDAY	110.440	4602	13.510	563	123.950	5165	124.811	5200	0.861	36
5-Dec-2013	THURSDAY	112.195	4675	8.350	348	120.545	5023	121.386	5058	0.841	35
6-Dec-2013	FRIDAY	110.362	4598	9.010	375	119.372	4974	121.939	5081	2.567	107
7-Dec-2013	SATURDAY	114.699	4779	9.280	387	123.979	5166	134.183	5591	10.204	425
8-Dec-2013	SUNDAY	114.597	4775	4.640	193	119.237	4968	127.464	5311	8.227	343
	TOTAL	786.949		64.360		851.309		889.133		37.824	

Details of Koyna Water Consumption (In TMC)

DATE	For the Day	For the Month	Balance
2-Dec-13	0.480	0.884	35.851
3-Dec-13	0.234	1.118	35.617
4-Dec-13	0.227	1.345	35.390
5-Dec-13	0.276	1.621	35.114
6-Dec-13	0.314	1.935	34.800
7-Dec-13	0.262	2.197	34.538
8-Dec-13	0.213	2.410	34.325

Supply Position During Evening Peak (MW)

Date	Time	MSEDCL Generation				Central Sector Receipt	WIND	CPP	TPCL Exch	MSEDCL Cateder 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												
2-Dec-13	17	4237	1899	288	6424	5194	69	2757	-1012	13488	760	14248	1318	525	16343	17103	49.86
3-Dec-13	17	4612	988	285	5885	6096	80	2446	-1033	13529	507	14036	1318	525	16405	16912	49.93
4-Dec-13	17	4426	1074	301	5801	5505	120	2675	-1080	13059	383	13442	1253	524	15916	16299	49.92
5-Dec-13	17	4865	1133	301	6299	4941	176	2712	-1043	13163	454	13617	1257	524	15987	16441	50.01
6-Dec-13	17	4230	1461	300	5991	5211	100	2666	-1030	12974	484	13458	1206	524	15734	16218	49.98
7-Dec-13	17	3751	1528	300	5579	5537	139	2710	-730	13275	461	13736	1174	524	15703	16164	49.86
8-Dec-13	17	3838	1052	307	5197	5519	45	2675	-379	13139	573	13712	917	526	14961	15534	49.99
Maximum		4865	1899	307	6424	6096	176	2757	-379	13529	760	14248	1318	526	16405	17103	50.01
Minimum		3751	988	285	5197	4941	45	2446	-1080	12974	383	13442	917	524	14961	15534	49.86
Average		4280	1305	297	5882	5429	104	2663	-901	13232	517	13750	1206	525	15864	16382	49.94

Supply Position During Morning Peak (MW)

Date	Time	MSEDCL Generation				Central Sector Receipt	WIND	CPP	TPCL Exch	MSEDCL Cateder 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												
2-Dec-13	12	4256	2289	288	6833	6113	70	2651	-1104	14678	846	15524	1322	524	17628	18474	50.03
3-Dec-13	12	4491	1594	286	6371	5849	34	2694	-1094	13924	630	14554	1322	525	16865	17495	49.99
4-Dec-13	12	4397	1162	327	5886	6017	233	2697	-1061	13880	627	14507	1297	526	16764	17391	50.08
5-Dec-13	11	4800	1180	301	6281	5835	206	2745	-1022	14217	610	14827	1313	525	17077	17687	50.07
6-Dec-13	12	4250	1726	300	6276	5471	222	2719	-1085	13775	777	14552	1246	525	16631	17408	49.98
7-Dec-13	12	3789	1087	304	5180	6539	274	2675	-892	13933	788	14721	1218	524	16567	17355	50.02
8-Dec-13	11	4028	1633	304	5965	5663	83	2759	-419	14245	742	14987	1023	526	16213	16955	49.89
Maximum		4800	2289	327	6833	6539	274	2759	-419	14678	846	15524	1322	526	17628	18474	50.08
Minimum		3789	1087	286	5180	5471	34	2651	-1104	13775	610	14507	1023	524	16213	16955	49.89
Average		4287	1524	301	6113	5927	160	2706	-954	14093	717	14810	1249	525	16821	17538	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
2-Dec-13	101.565	25.342	6.742	0.441	134.090	128.312	119.802	2.935	63.840	26.565	12.578	-18.610	311.099	57.753	368.852
3-Dec-13	105.761	14.646	6.537	0.321	127.265	131.038	124.424	1.677	62.797	26.085	12.465	-18.831	304.493	57.380	361.873
4-Dec-13	107.024	14.640	7.355	0.595	129.614	124.811	123.950	4.986	63.733	25.344	12.594	-19.297	304.321	57.236	361.557
5-Dec-13	110.320	15.228	7.351	0.793	133.692	121.386	120.545	5.285	64.023	25.152	12.247	-20.074	305.200	57.474	362.674
6-Dec-13	99.195	18.722	7.410	0.258	125.585	121.939	119.372	5.520	62.584	24.275	11.628	-20.357	296.281	56.260	352.541
7-Dec-13	87.188	15.135	7.504	0.126	109.953	134.183	123.979	7.044	61.754	23.399	11.582	-17.277	296.726	52.257	348.983
8-Dec-13	90.069	14.002	7.561	0.530	112.162	127.464	119.237	5.919	61.542	19.835	11.471	-12.492	295.649	43.798	339.447
Maximum	110.320	25.342	7.561	0.793	134.090	134.183	124.424	7.044	64.023	26.565	12.594	-12.492	311.099	57.753	368.852
Minimum	87.188	14.002	6.537	0.126	109.953	121.386	119.237	1.677	61.542	19.835	11.471	-20.357	295.649	43.798	339.447
Average	100.160	16.816	7.209	0.438	124.623	127.019	121.616	4.767	62.896	24.379	12.081	-18.134	301.967	54.594	356.561

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.
 Maharashtra State Load Despatch Centre, Kalwa
Information for Weekly Cabinet Meeting

For the Week **2-Dec-13** to **8-Dec-13**

Demand Supply Summary

	Morning Peak (MW)	Evening Peak (MW)
Average Peak Demand	14810	13750
Average Peak Supply	14093	13232
Average Load Relief (LS)	717	517

Average Supply Summary

	Morning Peak (MW)	Evening Peak (MW)	Mus
Thermal	4287	4280	100.16
Gas	301	297	7.21
Hydro	1524	1305	16.82
CS Drawal (Total)	5927	5429	127.02
TPCL	-954	-901	-18.13

Koyna Water position

	Water in TMC Feet
Average Water Used Per Day	0.287
Balance Left	34.325
Balance Left Last Year Same Week	34.056

MSPGCL Unit Outage Position

Date	MSPGCL (in MW)		
	Planned	Forced	Total
2-Dec-13	710	910	1620
3-Dec-13	710	710	1420
4-Dec-13	710	920	1630
5-Dec-13	710	1130	1840
6-Dec-13	710	1340	2050
7-Dec-13	710	1630	2340
8-Dec-13	710	1420	2130

Distressed Load Shedding

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

GENERATING UNIT OUTAGES FOR THE WEEK

FROM 2-Dec-13 TO 8-Dec-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.	Condenser replacement work.
Cent_Sect	Tarapur 2	160	24-Nov-13	20.42		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	7-Dec-13	0.19	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	27-Jun-13	08.28		Continued.	Gas Shortage
Dabhol	3X	290	6-Jun-13	08.28	7-Dec-13	04.56	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	VIPL	300	2-Oct-13	00.45		Continued.	Turbine bearing vibration high.
CPP	JSW (J) U2	300	21-Oct-13	00.00		Continued.	Lack of Shedule.
CPP	WPCL U-3	135	10-Nov-13	6.10		Continued.	I D Fan Problem
Bhusawal	Unit 4	500	12-Nov-13	21.13		Continued.	Tripped,As GT4 Burst.
Khaparkheda	Unit 1	210	24-Nov-13	12.20	7-Dec-13	10.27	Coal Shortage
Uran	Unit 5	108	25-Nov-13	21.33		Continued.	Gas Shortage.
CPP	INDIABULLS	270	25-Nov-13	00:00		Continued.	Non-availability of coal
Uran	Unit 7	108	30-Nov-13	00.22	4-Dec-13	10.25	Gas shortage
Bhusawal	Unit 5	500	1-Dec-13	12.01	5-Dec-13	03.43	BEARING OIL LEAKAGE
Koradi	Unit 5	200	1-Dec-13	00.38	3-Dec-13	13:35	COAL SHORTAGE
CPP	Adani U-3	660	1-Dec-13	23.49		Continued.	TO ATTEND OIL LEAKAGE BEARING NO 7
Parli	Unit 7	250	2-Dec-13	17.00	2-Dec-13	23.07	REPL OF PHASE CT GT-7
Koyna	ST-IV 2	250	2-Dec-13	8.20	2-Dec-13	11.00	BUTTERFLY VALVE PROBLEM
Parli	Unit 5	210	4-Dec-13	20.50	8-Dec-13	2:37	Colling Water System Leakage.
Uran	Unit A0	120	4-Dec-13	13.26		Continued.	GAS RESTRICTION
Uran	Unit 6	108	4-Dec-13	13.26		Continued.	Gas Restriction
Nasik	Unit 5	210	5-Dec-13	21.05	8-Dec-13	06.10	BLR T/L.
Bhusawal	Unit 5	500	5-Dec-13	17.29	8-Dec-13	7.59	Stator E/F.
Nasik	Unit 3	210	6-Dec-13	17.35		Continued.	BLR T/L.
Khaparkheda	Unit 3	210	7-Dec-13	02.14		Continued.	Furnace Pressure high.
Chandrapur	Unit 6	500	7-Dec-13	04.34		Continued.	BLR T/L.
Khaparkheda	Unit 1	210	7-Dec-13	10.32	7-Dec-13	11.29	high drum level
Khaparkheda	Unit 4	210	8-Dec-13	5.14	8-Dec-13	22.35	air hater problem
Khaparkheda	Unit 4	210	8-Dec-13	23.34	9-Dec-13	1.58	M.S.TEMPRETURE LOW

LINE OUTAGES FOR THE WEEK

		FROM		TO		
		2-Dec-13		8-Dec-13		
Voltage	Name	date_trip	time_trip	date_sync	time_sync	Reason
400KV	Karad-Kolhapur-II	13-Nov-13	15.47	6-Dec-13	10.22	Over Voltage.
400KV	400/220 KV 300 MVA ICT-I @ Koradi	18-Nov-13	10.03	4-Dec-13	12.36	Replacement of R Ph.Unit
400KV	Seoni-Wardha-II 765KV.	21-Nov-13	16.53	2-Dec-13	10.18	H/T TO CONTROL WARDHA FLOWAGATE
400KV	Bhusawal- Aurangabad	29-Nov-13	17.02	2-Dec-13	10.46	Over Voltage
400KV	80 MVAR Reactor- I @ Babaleshwar	30-Nov-13	10.00	3-Dec-13	17.05	cb overhauling
400KV	Kolhapur - Mapusa - II	30-Nov-13	16.50	3-Dec-13	09:50	H/T CODE 2863
400KV	Kolhapur-Solapur(PGCIL)-I	1-Dec-13	16.46	3-Dec-13	10:39	OVER VOLTAGE
400KV	Karad-Jaigad I	1-Dec-13	16.32	2-Dec-13	9.43	over voltage
400KV	Karad - Solapur (PGCIL)	1-Dec-13	21.51	3-Dec-13	09:20	OVER VOLTAGE
400KV	Lonikand-Stage4	2-Dec-13	0.44	2-Dec-13	8.50	over voltage
400KV	Dhule-Sar'Sarovar - I	2-Dec-13	2.21	2-Dec-13	7.34	over voltage
400KV	New Koyna - StageIV - I	2-Dec-13	9.25	2-Dec-13	18.49	ATTENDING OF HOTSPOT AT CT & ROUTINE RELAY SETTING
400KV	400/220 KV 500 MVA ICT-II at Lamboti	2-Dec-13	16.24	2-Dec-13	18.00	EARTHING MAINT
400KV	Karad-Jaigad I	2-Dec-13	17.03	3-Dec-13	10:18	OVER VOLTAGE
400KV	Bhusawal- Aurangabad	2-Dec-13	17.19	4-Dec-13	22.27	OVER VOLTAGE
400KV	Seoni-Wardha-II 765KV.	2-Dec-13	22.05		Continued.	OVER VOLTAGE
400KV	Dhule-Sar'Sarovar - I	3-Dec-13	1.41	3-Dec-13	07:59	OVER VOLTAGE
400KV	Lonikand-Stage4	3-Dec-13	1.42	3-Dec-13	08.17	OVER VOLTAGE
400KV	400/220KV 315 MVA ICT III at Bhusawal	3-Dec-13	0.15	3-Dec-13	0.36	TRIPPED ON NDR
400KV	Chandrapur-2 - Chandrapur-1	3-Dec-13	21:18	3-Dec-13	21:54	Breaker Pole Discription Relay.
400KV	Kolhapur - Mapusa - I	3-Dec-13	16:14	4-Dec-13	09.01	Over Voltage.
400KV	Kolhapur-Solapur(PGCIL)-I	3-Dec-13	16:42		Continued.	Over Voltage.
400KV	Solapur - Solapur (PG)	3-Dec-13	21:35	4-Dec-13	07.15	Over Voltage.
400KV	Deepnagar-Waluj I	3-Dec-13	12:08		Continued.	To attend Y ph ISO. at Waluj end.
400KV	Karad-Jaigad I	3-Dec-13	17:37	4-Dec-13	08.27	Over Voltage.
400KV	Lonikand- Koyna Stage IV	4-Dec-13	00:44	4-Dec-13	08.11	Over Voltage.
400KV	Karad-Jaigad I	4-Dec-13	17.11	5-Dec-13	09.11	Over Voltage.
400KV	Kolhapur - Mapusa - I	4-Dec-13	16.38	5-Dec-13	09.41	Over Voltage.
400KV	Chandrapur - II - Parli - I	4-Dec-13	17.46	5-Dec-13	08.34	Tripped on O/V @ the time of MB-I Relay Operated.
400KV	Talegaon PG - Aurangabad - II	4-Dec-13	18.13	4-Dec-13	18.14	First Time Charged.
400KV	Chandrapur - 2 - Chandrapur - II	4-Dec-13	17.46	4-Dec-13	17.58	LBB Relay of Switching ckt-I Main Bkr(401) & Tie Bkr(402) Operted Due to which MB-I Relay Operated Bas Bar Prot. Operated.
400KV	400/220KV 315MVA ICT- I @ Chandrapur	4-Dec-13	11.20		Continued.	Taken on TBC LV Side for Breaker Work Upto 9.12.13.
400KV	Warora-Chandrapur- II, Ckt II	4-Dec-13	17.46	4-Dec-13	17.58	LBB Relay of Switching ckt-I Main Bkr(401) & Tie Bkr(402) Operted Due to which MB-I Relay Operated Bas Bar Prot. Operated.
400KV	Chandrapur II - Dhariwal - I	4-Dec-13	17.46	4-Dec-13	18.28	LBB Relay of Switching ckt-I Main Bkr(401) & Tie Bkr(402) Operted Due to which MB-I Relay Operated Bas Bar Prot. Operated.
400KV	Lonikand- Koyna Stage IV	4-Dec-13	23.42	5-Dec-13	08.00	Over Voltage.
400KV	Solapur - Solapur (PG)	4-Dec-13	21.36	5-Dec-13	07.14	Over Voltage.
400KV	Dhule-Sar'Sarovar - II	5-Dec-13	02.11	5-Dec-13	08.51	Over Voltage.
400KV	Bhusawal- Aurangabad	5-Dec-13	17.22	6-Dec-13	08.28	Over Voltage.
400KV	Lonikand- Koyna Stage IV	5-Dec-13	21.46	6-Dec-13	08.31	Over Voltage.
400KV	Kolhapur - Mapusa - II	5-Dec-13	16.49	7-Dec-13	9.49	Over Voltage.
400KV	Talegaon PG - Aurangabad - II	5-Dec-13	21.33	5-Dec-13	7.39	to control A'bad-Wardha PG L.L.
400KV	Padgha - Nagothane- II	5-Dec-13	09.42	5-Dec-13	18.18	Q.M.Work
400KV	400 KV Inter connector at Lonikand II	5-Dec-13	12.05	5-Dec-13	18.18	To reduce the impedance of line for balance loading.
400KV	Karad-Jaigad I	5-Dec-13	16.34	6-Dec-13	9.08	Over Voltage.
400KV	Kalwa - Talegaon (PGCIL)	5-Dec-13	10.36	6-Dec-13	07.39	Testing Work.
400KV	Dhule-Sar'Sarovar - I	6-Dec-13	02.10	6-Dec-13	08.04	Over Voltage.
400KV	Talegaon PG - Aurangabad - II	6-Dec-13	13.00	7-Dec-13	10.33	Hot spot of isolator.
400KV	Kalwa - Padgha - II	6-Dec-13	08.47	6-Dec-13	18.09	29D isolator Repl.Work.
400KV	400/220KV 315 MVA ICT-I @ Padgha	6-Dec-13	09.46	6-Dec-13	21.12	To attend oil leakage with cold welding work.
400KV	Karad - Solapur (PGCIL)	6-Dec-13	21.29	7-Dec-13	9.33	Over Voltage.
400KV	Bhusawal- Aurangabad	6-Dec-13	11.07		Continued.	Over Voltage.
400KV	Karad - Kolhapur - II	6-Dec-13	16.36	7-Dec-13	9.50	Over Voltage.
400KV	Karad-Jaigad I	6-Dec-13	17.05	7-Dec-13	9.43	Over Voltage.
400KV	Lonikand- Koyna Stage IV	6-Dec-13	21.29	8-Dec-13	9.05	Over Voltage.
400KV	Parly(PG) - Wardha (PG) - I	6-Dec-13	12.33	6-Dec-13	17.12	To attend hot spot.
400KV	Solapur - Solapur (PG)	6-Dec-13	20.20	7-Dec-13	6.57	Over Voltage.
400KV	Karad-Kolhapur-II	7-Dec-13	17.06	8-Dec-13	10.21	OVER VOLTAGE
400KV	Karad-Jaigad I	7-Dec-13	17.47	8-Dec-13	9.41	OVER VOLTAGE
400KV	Karad - Solapur (PGCIL)	7-Dec-13	9.39	7-Dec-13	14.39	SOLAPUR END DUE TO PROBLEM IN CVT
400KV	A'bad-Talegaon PG-1	7-Dec-13	10.12		Continued.	line readyfor charging
400KV	Kolhapur - Mapusa - I	7-Dec-13	16.25	8-Dec-13	4.32	OVER VOLTAGE
400KV	Solapur - Solapur (PG)	7-Dec-13	20.42	8-Dec-13	6.57	OVER VOLTAGE
400KV	Kolhapur - Mapusa - II	8-Dec-13	4.03	8-Dec-13	9.43	over voltage

400KV	Karad - Solapur (PGCIL)	8-Dec-13	4.03	8-Dec-13	9.34	over voltage
400KV	Karad - Kolhapur - I	8-Dec-13	4.03		Continued.	over voltage
400KV	Dhule-Sar'Sarovar - II	8-Dec-13	1.47		Continued.	over voltage
400KV	Karad-Jaigad I	8-Dec-13	17.04		Continued.	OVER VOLTAGE
400KV	Karad - Kolhapur - II	8-Dec-13	16.36		Continued.	OVER VOLTAGE
400KV	Lonikand- Koyna Stage IV	8-Dec-13	21.00		Continued.	OVER VOLTAGE
400KV	Kolhapur - Mapusa - I	8-Dec-13	13.09		Continued.	OVER VOLTAGE
400KV	Padgha-Bhoisor (PGCIL)	8-Dec-13	16.55	8-Dec-13	17.04	TAKEN REACTOR SERVICES
400KV	Karad - Solapur (PGCIL)	8-Dec-13	23.03		Continued.	TRIPPED ON OVER VOLTAGE
400KV	Solapur - Solapur (PG)	8-Dec-13	17.06		Continued.	over voltage
220KV	Wardha - Deoli (PGCIL)	20-Nov-13	18.17	5-Dec-13	08.52	To control O/L.
220KV	Khaparkheda-Kawlewada-I	1-Dec-13	8.54	4-Dec-13	19.59	HIGHT RAISING
220KV	Khaparkheda-Kawlewada-II	1-Dec-13	8.55	4-Dec-13	20.14	HIGHT RAISING
220KV	220/110KV, 200MVA T/F-III at Mudshingi	2-Dec-13	10.05	2-Dec-13	13.15	Q.M WORK & TAN DELTA TESTING OF T/F
220KV	Talange - Chikodi	2-Dec-13	13.09	5-Dec-13	16.45	WRLDC 12/100, SRLDC12/40, FOR RETIO TESTING, POLARITY TESTING, IR VALUES OF CTS & PTS ALONWITH METERING BAY & TESTING
220KV	Nasik-Padgha	3-Dec-13	08:38	3-Dec-13	19:18	Conversion of STN. to DTN & Providing Repair sleeve of damaged con
220KV	Jejuri-Jejuri I	3-Dec-13	09:46	3-Dec-13	15:55	CT Testing Work.
220KV	Karad-Mudsingi-IV	3-Dec-13	09:00	3-Dec-13	17:58	Replacement of Insulator String by Poltmer String.
220KV	Apta-Kalwa	3-Dec-13	10:32	3-Dec-13	11:02	Taken on TBC at Apta end to attend Hot Spot of Y ph CB PAD.
220KV	Apta-Bombay Dyeing	3-Dec-13	14:09	3-Dec-13	14:50	Taken on TBC at Apta end to attend Hot Spot of Y ph CB PAD.
220KV	Main Bus @ Vankushwadi	3-Dec-13	12:45	3-Dec-13	19:00	Replacement of 220 KV CB Jumper & Alignment of Main Bus Isolator.
220KV	M'Peth -Vankuswade	3-Dec-13	10:45	3-Dec-13	19:33	Bus-1 Outage.
220KV	Kalwa- salsett 6	3-Dec-13	15:01	3-Dec-13	17:37	Hot Spot on Phase Wavetrap.
220KV	Deepnagar-Khadka I	3-Dec-13	00:52	3-Dec-13	01:23	Distance Protection Operated Zone 1 tripped at Deepnagar end only.
220KV	Kandalgaon - Dasturi	4-Dec-13	06.45	5-Dec-13	18.25	Replacement of Breaker Under JAICA Upto 6.12.13.
220KV	Bus Sectioniser @ Apta	4-Dec-13	09.57		Continued.	Replacement of Isolator & 6 No's of CT's Upto 8.12.13.
220KV	Karad-Mudsingi-IV	4-Dec-13	09.12	4-Dec-13	18.04	Replacement of Old Insulator.
220KV	220/132 KV 200 MVA ICT- I @ Bale	4-Dec-13	12.21	4-Dec-13	22.20	Q.M.Work.
220KV	220/132KV 150 MVA ICT 3 at Nasik OCR	4-Dec-13	16.17	4-Dec-13	16.43	132KV Bus Bar Operated.
220KV	220/132 KV 200 MVA ICT-IV @ Nasik OC	4-Dec-13	16.17	4-Dec-13	16.43	132KV Bus Bar Operated.
220KV	220/132 KV 200 MVA ICT - V @ Nasik (OC	4-Dec-13	16.17	4-Dec-13	16.28	132KV Bus Bar Operated.
220KV	Badnera--Rly.TSS - I	4-Dec-13	13.50	4-Dec-13	15.25	Outage by Railway Authority for Jumpering Work of Newly Commission Transformer @ Traction S/S.
220KV	Badnera - Rly TSS - II	4-Dec-13	10.43	4-Dec-13	13.19	Outage by Railway Authority for Jumpering Work of Newly Commission Transformer @ Traction S/S.
220KV	New Parli - Beed - II	4-Dec-13	10.10	4-Dec-13	12.20	Q.M. Work.
220KV	Gadchandur-Virur-I	4-Dec-13	12.35	4-Dec-13	16.18	Replacement of Cable from R Ph CT to CT MB by Testing Team Ballar
220KV	Pusad-Nanded	5-Dec-13	06.03		Continued.	220KV Ghatodi S/S LILO Work.
220KV	Hingoli-Pusad	5-Dec-13	06.03	5-Dec-13	19.38	220KV Ghatodi S/S LILO Work.
220KV	Wardha-Talegaon (PG) I	5-Dec-13	19.40	5-Dec-13	19.50	First time Charged.
220KV	Wardha - Deoli (PGCIL)	5-Dec-13	19.30		Continued.	To control L/L due to 220KV Wardha-Warora Outage.
220KV	Panama - Pedambe	5-Dec-13	08.25	5-Dec-13	17.35	Repl.of isolator.
220KV	Main Bus I Sec.I at Bhosari	5-Dec-13	08.50	5-Dec-13	13.20	Erection of Hybrid pass Bus Sectionalizer.
220KV	Lonikand-Bhosari	5-Dec-13	08.35	5-Dec-13	13.28	Erection of Hybrid pass Bus Sectionalizer.
220KV	Bhosari-C'enka	5-Dec-13	08.36	5-Dec-13	13.27	Erection of Hybrid pass Bus Sectionalizer.
220KV	Jejuri-Phursungi	5-Dec-13	09.03	5-Dec-13	14.29	CT Testing.
220KV	Jejuri - Baramati	5-Dec-13	11.32	5-Dec-13	19.38	Testing Work.
220KV	Karad Mudsingi-II	5-Dec-13	11.50	5-Dec-13	12.25	Repl.of old MOCB at Mudsingi.Line taken on TBC at Mudsingi end (6 d
220KV	Bhosari - Chakan	5-Dec-13	13.49	5-Dec-13	21.01	Repl.of CT under Jica II scheme.
220KV	220/132 KV 100MVA ICT I at Pusad	5-Dec-13	17.00	5-Dec-13	17.19	Broken string insulator of Bus Sec.I.(Charged from HV Side on no load.
220KV	220/132KV 100 MVA ICT II at Pusad	5-Dec-13	17.00	5-Dec-13	17.16	Broken string insulator of Bus Sec.I.
220KV	Khaparkheda-Kawlewada-II	5-Dec-13	11.44	5-Dec-13	17.44	Dismantling of old tower.
220KV	Pusad - Bhugaon	5-Dec-13	09.10	5-Dec-13	16.35	Repl.of insulator string at various locations.
220KV	Warora-Wardha	5-Dec-13	09.19	5-Dec-13	16.59	Repl.of R,Y,B Ph CT's measurement of CB timing and CRM.
220KV	220/132 KV 200 MVA ICT - I @ Kalmeshw	6-Dec-13	08.35	6-Dec-13	16.02	Tan delta of HV LV CTs and Bushing.
220KV	Panama - Pedambe	6-Dec-13	08.30	6-Dec-13	18.10	Repl.of old insualtor string.
220KV	TBC at Bhoisor	6-Dec-13	09.14	6-Dec-13	13.30	R.M.Work
220KV	Kolshet - Kamba	6-Dec-13	09.55	6-Dec-13	14.59	CT Tan delta work.
220KV	Khaperkheda - Wardha.	6-Dec-13	09.25		Continued.	Raising height of tower for VIPL line crossing.
220KV	Purti - Bhugaon	6-Dec-13	09.28		Continued.	Raising height of tower for VIPL line crossing.
220KV	Kandalgaon - Dasturi	6-Dec-13	13.00	6-Dec-13	13.55	Dist Prot.