

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 3-Dec-12 To 9-Dec-12

Date	Monday 3-Dec-12	Tuesday 4-Dec-12	Wednesday 5-Dec-12	Thursday 6-Dec-12	Friday 7-Dec-12	Saturday 8-Dec-12	Sunday 9-Dec-12
On Line Capacity (MW)							
MSPGCL THM	5055	5245	5322	5427	5079	4823	5005
MSPGCL HY	1108	1091	1087	1088	1094	1093	1154
MSPGCL GAS	425	430	430	0	300	310	315
MSPGCL TOTAL	6588	6766	6839	6515	6473	6226	6474
Cent. Sect.(incl. RGPPL)	4688	4689	5071	4699	4992	4948	5199
MSPGCL + CS	11276	11455	11910	11214	11465	11174	11673
TPCL	1748	1748	1748	1747	1747	1747	1748
REL	500	500	250	250	500	500	500
TPCL + REL	2248	2248	1998	1997	2247	2247	2248
CPP	1195	986	1192	1150	1194	1193	1178
STATE OLC	14719	14689	15100	14361	14906	14614	15099
Morning Peak Demand (MW)	12 Hrs	12 Hrs	11 Hrs	12 Hrs	12 Hrs	12 Hrs	12 Hrs
MSPGCL THM	5119	5378	5279	5148	5359	4996	4868
MSPGCL HY	726	1064	1421	2077	1515	1658	1000
MSPGCL GAS	414	405	395	144	300	316	310
MSPGCL TOTAL	6259	6847	7095	7369	7174	6970	6178
Cent. Sect.(incl. RGPPL)	5560	5173	5256	5908	5460	5748	6260
Wind	160	220	406	125	181	19	22
CPP	1711	1749	1728	1657	1639	1729	1666
TPCL Asst	-422	-386	-600	-883	-741	-496	-355
MSEDCL Catered	13315	13628	13911	14199	13732	13970	13771
Load Shedding (LS)	793	825	612	686	813	896	851
MSEDCL Demand(Incl LS)	14108	14453	14523	14885	14545	14866	14622
TPCL + REL Dem.	2646	2643	2609	2786	2895	2659	2058
State Demand (Incl LS)	16754	17096	17132	17671	17440	17525	16680
Sys. Freq. (Hz)	49.89	49.86	49.89	49.94	49.81	49.91	49.86
Evening Peak Demand (MW)	17 Hrs	17 Hrs	17 Hrs	17 Hrs	17 Hrs	17 Hrs	17 Hrs
MSPGCL THM	5171	5357	5187	5140	5426	4977	4976
MSPGCL HY	426	710	526	1106	236	672	125
MSPGCL GAS	410	403	303	234	308	308	311
MSPGCL TOTAL	6007	6470	6016	6480	5970	5957	5412
Cent. Sect.(incl. RGPPL)	5144	4761	5685	5389	5732	6062	5915
Wind	119	109	265	78	22	16	112
CPP	1716	1741	1723	1665	1695	1730	1669
TPCL Asst	-340	-376	-622	-836	-608	-531	-259
MSEDCL Catered	12646	12705	13067	12776	12811	13234	12849
Load Shedding (LS)	522	505	533	938	532	573	567
MSEDCL Demand(Incl LS)	13168	13210	13600	13714	13343	13807	13416
TPCL + REL Dem.	2504	2566	2598	2721	2781	2504	1911
State Demand (Incl LS)	15672	15776	16198	16435	16124	16311	15327
Sys. Freq. (Hz)	49.85	49.8	49.88	50	49.94	49.88	50.02

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	3-Dec-12	TO	9-Dec-12
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A) (UNITWISE PLANNED/FORCED OUTAGE POSITION @ 05:30 HRS. OF THE DAY OF (MSPGCL THERMAL UNITS ONLY)

Sr.No	Date	3-Dec-2012		4-Dec-2012		5-Dec-2012		6-Dec-2012		7-Dec-2012		8-Dec-2012		9-Dec-2012	
	Day	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		SATURDAY		SUNDAY	
	Outage Type	PLANNED	FORCED	PLANNED	FORCED	PLANNED	FORCED	PLANNED	FORCED	PLANNED	FORCED	PLANNED	FORCED	PLANNED	FORCED
1	NASIK	*	4	*	*	*	*	*	*	*	*	*	3,4	*	*
2	KORADI	5	*	5	*	5	*	5	*	5	*	5	*	5	*
3	KHAPERKHEDA	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	PARALI	*	4,6	*	4,6	*	4,6	*	4,6	*	4,6,7	*	4,6	*	4,6
5	CHANDRAPUR	*	2	*	*	*	*	*	*	*	*	*	*	*	*
6	BHUSAVAL	*	2	*	2	*	2	*	2	*	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	
3-Dec-2012	MONDAY	75.637	3152	35.397	1475	111.034	4626	109.751	4573	-1.283	-53
4-Dec-2012	TUESDAY	71.554	2981	34.869	1453	106.423	4434	101.494	4229	-4.929	-205
5-Dec-2012	WEDNESDAY	77.339	3222	34.486	1437	111.825	4659	113.910	4746	2.085	87
6-Dec-2012	THURSDAY	73.466	3061	33.815	1409	107.281	4470	117.470	4895	10.189	425
7-Dec-2012	FRIDAY	73.978	3082	37.147	1548	111.125	4630	116.539	4856	5.414	226
8-Dec-2012	SATURDAY	75.746	3156	40.854	1702	116.600	4858	123.291	5137	6.691	279
9-Dec-2012	SUNDAY	78.961	3290	45.042	1877	124.003	5167	131.943	5498	7.940	331
	TOTAL	526.681		261.610		788.291		814.398		26.107	

Details of Koyna Water Consumption (In TMC)

DATE	For the Day	For the Month	Balance
3-Dec-12	0.069	0.204	34.085
4-Dec-12	0.219	0.423	33.866
5-Dec-12	0.160	0.583	33.706
6-Dec-12	0.434	1.017	33.272
7-Dec-12	0.225	1.242	33.047
8-Dec-12	0.283	1.525	32.764
9-Dec-12	0.098	1.623	32.666

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
3-Dec-12	17	5171	426	410	6007	5144	119	1716	-340	12646	522	13168	1636	528	15150	15672	49.85
4-Dec-12	17	5357	710	403	6470	4761	109	1741	-376	12705	505	13210	1662	528	15271	15776	49.80
5-Dec-12	17	5187	526	303	6016	5685	265	1723	-622	13067	533	13600	1713	263	15665	16198	49.88
6-Dec-12	17	5140	1106	234	6480	5389	78	1665	-836	12776	938	13714	1590	295	15497	16435	50.00
7-Dec-12	17	5426	236	308	5970	5732	22	1695	-608	12811	532	13343	1649	524	15592	16124	49.94
8-Dec-12	17	4977	672	308	5957	6062	16	1730	-531	13234	573	13807	1448	525	15738	16311	49.88
9-Dec-12	17	4976	125	311	5412	5915	112	1669	-259	12849	567	13416	1126	526	14760	15327	50.02
Maximum		5426	1106	410	6480	6062	265	1741	-259	13234	938	13807	1713	528	15738	16435	50.02
Minimum		4976	125	234	5412	4761	16	1665	-836	12646	505	13168	1126	263	14760	15327	49.80
Average		5176	543	325	6045	5527	103	1706	-510	12870	596	13465	1546	456	15382	15978	49.91

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
3-Dec-12	12	5119	726	414	6259	5560	160	1711	-422	13315	793	14108	1695	529	15961	16754	49.89
4-Dec-12	12	5378	1064	405	6847	5173	220	1749	-386	13628	825	14453	1729	528	16271	17096	49.86
5-Dec-12	11	5279	1421	395	7095	5256	406	1728	-600	13911	612	14523	1746	263	16520	17132	49.89
6-Dec-12	12	5148	2077	144	7369	5908	125	1657	-883	14199	686	14885	1641	262	16985	17671	49.94
7-Dec-12	12	5359	1515	300	7174	5460	181	1639	-741	13732	813	14545	1628	526	16627	17440	49.81
8-Dec-12	12	4996	1658	316	6970	5748	19	1729	-496	13970	896	14866	1637	526	16629	17525	49.91
9-Dec-12	12	4868	1000	310	6178	6260	22	1666	-355	13771	851	14622	1177	526	15829	16680	49.86
Maximum		5378	2077	414	7369	6260	406	1749	-355	14199	896	14885	1746	529	16985	17671	49.94
Minimum		4868	726	144	6178	5173	19	1639	-883	13315	612	14108	1177	262	15829	16680	49.81
Average		5164	1352	326	6842	5624	162	1697	-555	13789	782	14572	1608	451	16403	17185	49.88

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
3-Dec-12	121.343	7.859	10.200	0.353	139.755	109.751	111.034	5.835	40.270	30.212	12.041	-7.985	287.626	34.034	16.199	337.859
4-Dec-12	126.496	13.838	10.059	0.300	150.693	101.494	106.423	8.192	40.978	30.461	11.928	-8.961	292.396	34.811	16.540	343.747
5-Dec-12	123.938	11.042	8.649	0.313	143.942	113.910	111.825	8.505	40.865	31.794	6.217	-13.875	285.607	35.288	16.595	337.490
6-Dec-12	124.636	23.152	3.641	0.327	151.756	117.470	107.281	4.679	39.626	30.326	7.994	-15.665	297.870	36.444	17.540	351.854
7-Dec-12	127.284	12.936	7.560	0.285	148.065	116.539	111.125	2.444	39.936	31.200	12.581	-12.469	294.515	37.756	18.494	350.765
8-Dec-12	118.999	17.242	7.596	0.201	144.038	123.291	116.600	0.752	40.822	28.789	12.634	-12.203	296.700	35.518	18.107	350.325
9-Dec-12	116.991	8.471	7.623	0.195	133.280	131.943	124.003	2.393	39.909	25.214	12.635	-8.196	299.329	30.218	15.827	345.374
Maximum	127.284	23.152	10.200	0.353	151.756	131.943	124.003	8.505	40.978	31.794	12.635	-7.985	299.329	37.756	18.494	351.854
Minimum	116.991	7.859	3.641	0.195	133.280	101.494	106.423	0.752	39.626	25.214	6.217	-15.665	285.607	30.218	15.827	337.490
Average	122.812	13.506	7.904	0.282	144.504	116.343	112.613	4.686	40.344	29.714	10.861	-11.336	293.435	34.867	17.043	345.345

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.

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

For the Week

3-Dec-12

to

9-Dec-12

Demand Supply Summary

	Morning Peak (MW)	Evening Peak (MW)
Average Peak Demand	14572	13465
Average Peak Supply	13789	12870
Average Load Relief (LS)	782	596

Average Supply Summary

	Morning Peak (MW)	Evening Peak (MW)	Mus
Thermal	5164	5176	122.81
Gas	326	325	7.90
Hydro	1352	543	13.51
CS Drawal (Total)	5624	5527	116.34
TPCL	-555	-510	-11.34

Koyna Water position

	Water in TMC Feet
Average Water Used Per Day	0.213
Balance Left	32.666
Balance Left Last Year Same Week	23.252

MSPGCL Unit Outage Position

Date	MSPGCL (in MW)		
	Planned	Forced	Total
3-Dec-12	200	1090	1290
4-Dec-12	200	670	870
5-Dec-12	200	670	870
6-Dec-12	200	670	870
7-Dec-12	200	920	1120
8-Dec-12	200	1090	1290
9-Dec-12	200	670	870

Distressed Load Shedding

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

GENERATING UNIT OUTAGES FOR THE WEEK

FROM 3-Dec-12 TO 9-Dec-12

UNIT UNDER PLANNED OUTAGE

name	unit_no	derat_cap	date_trip	time_trip	date_sync	time_sync	reasondes
Cent Sect	Tarapur 1	80	16-Jul-12	22.15		Continued.	Refueling work.
Koradi	Unit 5	200	16-Sep-12	04.23		Continued.	Low Bunkering, Converted to C O H from 20/09/2012.
Uran	Unit A0	120	15-Nov-12	23.56		Continued.	A/OH.
Koyna	Unit 5	80	20-Nov-12	23.45		Continued.	To attend water leakage on servomotor, Outage on pressure shaft no.3 of unit
Koyna	Unit 6	75	21-Nov-12	07.55		Continued.	Overhauling work of Spherical Valve.
CPP	WPCL U-3	135	26-Nov-12	17.33		Continued.	Annual Shutdown.
Parli	Unit 4	210	28-Nov-12	02.37		Continued.	W/DN due to water shortage.
Koyna	Unit 12	80	29-Nov-12	08.30		Continued.	A/OH.
CPP	JSW (J) U4	300	30-Nov-12	23.32		Continued.	Planned shutdown A.M.
CPP	JSW (J) U4	300	30-Dec-12	23.30		Continued.	Drum level low. Converted to annual shutdown from 24.00 Hrs.
CPP	JSW (J) U1	300	30-Dec-12	23.30		Continued.	Drum level low. Converted to annual shutdown from 24.00Hrs.

UNIT UNDER FORCED OUTAGE

name	unit_no	derat_cap	date_trip	time_trip	date_sync	time_sync	reason
Tata	TATA Hydro	444	5-Sep-12	03:30		Continued.	BHIRA (BPSU-150MW) Unit tripped due to stator winding fault.
Dabhol	2B	230	18-Sep-12	18.42	8-Dec-12	09.28	Gas shortage.
Dabhol	1B	230	9-Oct-12	13.56		Continued.	Gas Shortage.
Bhusawal	Unit 2	210	19-Oct-12	22.22		Continued.	ID Fan Problem
Dabhol	3B	230	28-Oct-12	12.43		Continued.	Gas Shortage
Dabhol	1A	230	2-Nov-12	16.27		Continued.	Gas shortage.
Dabhol	1X	290	2-Nov-12	16.26		Continued.	Gas shortage.
Parli	Unit 6	250	7-Nov-12	09.57		Continued.	Flame Failure.
CPP	Adani	660	9-Nov-12	19.16		Continued.	Tripped due to Tripping of 400KV Wardha-Warora-I.
Uran	Unit 5	108	19-Nov-12	23.55		Continued.	Gas Shortage
Bhusawal	Unit 5	500	25-Nov-12	07.32		Continued.	Coal Shortage
Nasik	Unit 4	210	30-Nov-12	14.50	3-Dec-12	00.15	Boiler tube leakage.
Dabhol	3A	230	3-Dec-12	21.23		Continued.	Gas Shortage
Dabhol	3X	290	3-Dec-12	21.21		Continued.	Gas Shortage
Koyna	ST - IV 4	250	4-Dec-12	06.08	4-Dec-12	12.30	Temp.very high.
REL	1	250	5-Dec-12	00.56	6-Dec-12	16.40	Boiler Tube Leakage.
Bhusawal	Unit 4	500	5-Dec-12	19.04	5-Dec-12	21.26	Turbine problem.
Uran	Unit 6	108	5-Dec-12	11.07		Continued.	Gas shortage.
Uran	Unit 7	108	6-Dec-12	01.25	6-Dec-12	02.25	Bus Bar Prot.Optd,due to B-PH PT Burst of U-BO.
Uran	Unit B0	120	6-Dec-12	01.25	6-Dec-12	17.30	Bus Bar Prot.Optd,due to B-PH PT Burst of U-BO.
Uran	Unit 8	108	6-Dec-12	01.25	6-Dec-12	11.36	Tripped due to jerk.
Uran	Unit 7	108	6-Dec-12	05.08	6-Dec-12	09.27	Gas Pressure Low.
Parli	Unit 7	250	7-Dec-12	05.01	7-Dec-12	07.42	Flame failure.
Parli	Unit 6	250	7-Dec-12	09.57		Continued.	Flame failure.
Cent Sect	Sipat U-1	660	7-Dec-12	22.37		Continued.	Boiler tube leakage.
Nasik	Unit 3	210	8-Dec-12	01.41	8-Dec-12	11.15	Due to Bus section-II ,B'ph . CT burst at NASIK GCR.
Nasik	Unit 4	210	8-Dec-12	01.41	8-Dec-12	07.00	Due to Bus section-II ,B, ph. CT burst at Nasik GCR.
Nasik	Unit 3	210	9-Dec-12	07.20	10-Dec-12	05.25	Station T/F-3 Tripped due to LVside Cable Box Burnt
Khaparkheda	Unit 3	210	9-Dec-12	15.21		Continued.	Boiler Tube Leakage
Koyna	ST-IV 1	250	9-Dec-12	00.00	9-Dec-12	03.00	Preventive maintenance work.

LINE OUTAGES FOR THE WEEK

FROM 3-Dec-12 TO 9-Dec-12

Voltage	Name	date_trip	time_trip	date_sync	time_sync	Reason
400KV	Kolhapur-Solapur(PGCIL-I)	17-Nov-12	11.09	4-Dec-12	11.31	Over Voltage
400KV	Main Bus - I @ Khadka	27-Nov-12	09.57	30-Dec-12	16.25	Replacement of Main Bus-I P.G Isolator of Aurangabad Bay.
400KV	Kolhapur - Mapusa - II	27-Nov-12	15.53	6-Dec-12	11.21	Over Voltage.
400KV	Khadka - Aurangabad	27-Nov-12	11.58	30-Dec-12	14.50	Replacement of Main Bus-I P.G Isolator
400KV	Dhule - S'Sarovar - II	29-Nov-12	09.56	4-Dec-12	09.19	Opportunity outage,Ready for charging 18.00 Hrs.
400KV	Seoni-Wardha-II 765KV	29-Nov-12	21.06	3-Dec-12	09.12	Over Voltage.
400KV	Karad - Kolhapur - II	1-Dec-12	17.00	5-Dec-12	11.17	Over Voltage.
400KV	Bhusawal- Aurangabad	2-Dec-12	19.08	4-Dec-12	06.41	Over Voltage
400KV	Karad - Kolhapur - I	2-Dec-12	20.05	3-Dec-12	07.45	Over Voltage
400KV	Lonikand- Koyna Stage IV	2-Dec-12	21.56	3-Dec-12	06.19	Over Voltage
400KV	400/220 KV 600 MVA ICT - IV @ Padgha	2-Dec-12	10.10	3-Dec-12	13.45	Fire Wall work
400KV	New Koyna - Stage IV	3-Dec-12	09.41	3-Dec-12	17.27	Tan Delta Measurement(Taken on TBC)
400KV	Wardha - Akola - I	3-Dec-12	22.34	4-Dec-12	08.51	Over Voltage
400KV	400/220KV 500 MVA ICT I at Kalwa	3-Dec-12	10.30	3-Dec-12	13.57	To remove Earth Isolator by Hot Line(Taken on TBC)
400KV	Karad - Kolhapur - I	3-Dec-12	20.16	4-Dec-12	06.30	Over Voltage
400KV	Lonikand- Koyna Stage IV	3-Dec-12	21.50	4-Dec-12	06.31	Over Voltage
400KV	Seoni - Wardha - I 765KV	3-Dec-12	22.34		Continued	Over Voltage
400KV	Deepnagar-Aurangabad-I	4-Dec-12	11.49		Continued	Over Voltage.
400KV	Bhusawal- Aurangabad	4-Dec-12	19.30	5-Dec-12	07.50	Over Voltage.
400KV	Lonikand- Koyna Stage IV	4-Dec-12	21.43	5-Dec-12	07.13	Over Voltage.
400KV	Parli-Parli (PGCIL-I)II	4-Dec-12	09.56	4-Dec-12	11.11	Tarpoline Removing Work.
400KV	Kolhapur-Solapur (PG) II	4-Dec-12	12.41		Continued	Over Voltage.
400KV	Dhule-S'Sarovar I	4-Dec-12	20.42	5-Dec-12	09.50	Over Voltage.
400KV	Khadka - Deepnagar - II	4-Dec-12	09.43	4-Dec-12	18.05	For Modification in Scada System.
400KV	Main Bus - I @ Lamboli	5-Dec-12	11.55	5-Dec-12	17.18	Q.M.Work
400KV	400KV Bus Coupler @ Kalwa	5-Dec-12	16.55	5-Dec-12	17.08	SF6 Gas filling work.
400KV	Lonikand- Koyna Stage IV	5-Dec-12	21.59	6-Dec-12	08.47	Over Voltage.
400KV	Akola - Wardha - I	5-Dec-12	22.04	6-Dec-12	07.24	Over Voltage.
400KV	Karad - Kolhapur - I	5-Dec-12	17.13	6-Dec-12	09.28	Over Voltage.
400KV	Bhusawal- Aurangabad	5-Dec-12	17.25	6-Dec-12	07.21	Over Voltage.
400KV	Karad - Kolhapur - II	5-Dec-12	20.07	6-Dec-12	08.32	Over Voltage.
400KV	Dhule-Sar'Sarovar - I	5-Dec-12	21.39	6-Dec-12	10.45	Over Voltage.
400KV	400/6.9KV 53MVA ST-T/F-I at Indiabulls	5-Dec-12	08.30	7-Dec-12	09.15	To attend civil work.
400KV	Khadka - Deepnagar - II	5-Dec-12	10.00	5-Dec-12	17.42	Modification of SCADA scheme.
400KV	Chandrapur - Parli - I	6-Dec-12	06.44	6-Dec-12	18.01	Stringing work of 400KV C'pur-Warora double ckt.
400KV	Kolhapur - Mapusa - I	6-Dec-12	16.30	8-Dec-12	09.58	Over Voltage.
400KV	Karad-Kolhapur-II	6-Dec-12	20.28	7-Dec-12	09.36	Over Voltage.
400KV	Karad - Kolhapur - I	6-Dec-12	16.05	7-Dec-12	08.49	Over Voltage.
400KV	Lonikand - Chakan	6-Dec-12	08.00	6-Dec-12	18.56	Due to outage on Bhosari Telco & Chakan.
400KV	Bableshwar-Aurangabad	6-Dec-12	15.21	6-Dec-12	17.39	Bkr air pressure switch repl.Taken on TBC.
400KV	Khadka - Deepnagar - II	6-Dec-12	09.51	6-Dec-12	18.04	Relay and breaker testing work.(Ckt ready for charging now.)
400KV	400/220 KV 315 MVA ICT @ Akola	6-Dec-12	12.26		Continued	Due to abnormal results of DGA test.
400KV	Bhusawal- Aurangabad	6-Dec-12	19.10	7-Dec-12	07.10	Over Voltage.
400KV	Lonikand- Koyna Stage IV	6-Dec-12	22.07	7-Dec-12	07.14	Over Voltage.
400KV	Dhule-S'Sarovar I	6-Dec-12	21.55		Continued	Over Voltage.
400KV	Akola - Wardha - I	6-Dec-12	23.12	7-Dec-12	06.21	Over Voltage.
400KV	400/220 KV315 MVA ICT-I @ BBLR	6-Dec-12	21.39	6-Dec-12	22.18	Tripped due to LBB operated on 220KV Main Bus-I.
400KV	400/220KV 315MVA ICT-II @ BBLSR	6-Dec-12	21.39	6-Dec-12	22.27	Tripped due to LBB operated on 220KV Main Bus-I.
400KV	Main Bus - I @ 400 KV Akola	7-Dec-12	09.21	7-Dec-12	17.49	Q.M.Work
400KV	400/220 KV 600 MVA ICT - IV @ Padgha	7-Dec-12	09.23	7-Dec-12	17.33	Firewall protection.
400KV	Karad - Kolhapur - II	7-Dec-12	17.14	8-Dec-12	09.17	Over Voltage.
400KV	Bhusawal- Aurangabad	7-Dec-12	19.33	9-Dec-12	08.51	Over Voltage.
400KV	Karad - Kolhapur - I	7-Dec-12	19.46	8-Dec-12	08.27	Over Voltage.
400KV	Akola - Wardha - I	7-Dec-12	23.05	8-Dec-12	05.39	Over Voltage.
400KV	400/220 KV 600 MVA ICT - IV @ Padgha	8-Dec-12	08.13	8-Dec-12	19.58	Firewall construction work.
400KV	400/220 KV 300 MVA ICT-I @ Koradi	8-Dec-12	12.24	8-Dec-12	17.28	Erection of oil storage tank.
400KV	New Koyna - Jaigad - II	8-Dec-12	14.55	8-Dec-12	17.54	Connection of new earthpit.
400KV	Karad - Kolhapur - II	8-Dec-12	16.53	9-Dec-12	08.42	Over Voltage.
400KV	Akola - Wardha - I	8-Dec-12	21.50	9-Dec-12	07.36	Over Voltage.
400KV	Karad - Kolhapur - I	8-Dec-12	21.01	9-Dec-12	11.06	Over Voltage.
400KV	Kolhapur-Mapusa-II	8-Dec-12	17.18		Continued	Over Voltage.
400KV	Karad - Solapur (PGCIL)	9-Dec-12	14.20	9-Dec-12	14.34	Distance Protection
400KV	400/220 KV 600 MVA ICT - IV @ Padgha	9-Dec-12	08.32	9-Dec-12	19.01	Firewall Construction
400KV	Karad-Kolhapur-II	9-Dec-12	16.34		Continued	Over Voltage
400KV	Bhusawal- Aurangabad	9-Dec-12	16.34		Continued	Over Voltage

400KV	Karad - Kolhapur - I	9-Dec-12	20.30		Continued.	Over Voltage
400KV	Akola - Wardha - II	9-Dec-12	23.29		Continued.	Over Voltage
220KV	220/110KV, 200MVA T/F-III at Mudshingi	27-Nov-12	10.30	7-Dec-12	14.25	Removing Leakage.
220KV	Uran - Kharghar - I	3-Dec-12	07.26	9-Dec-12	22.39	Diversion of 220KV Uran-Kharghar D/C(UPTo 10/12/2012)
220KV	Uran-Kharghar-II	3-Dec-12	07.42	9-Dec-12	23.07	Diversion of 220KV Uran-Kharghar D/C(UPTo 10/12/2012)
220KV	Tillari-Amona	3-Dec-12	08.45	3-Dec-12	18.40	Replacement of Insulator
220KV	Chandrapur MIDC-Gadchandur-Matardevi	3-Dec-12	10.30	3-Dec-12	18.54	Measurement of Tan Delta of CTs
220KV	220/132 KV 150 MVA ICT-II @ Akola.	3-Dec-12	07.41	4-Dec-12	12.45	Replacement of 150MVA ICT-II by New 200MVA
220KV	Apta-Bombay Dyeing	4-Dec-12	04.40	4-Dec-12	06.03	R Phase P.T.Burst at B'Dying
220KV	Sahara-B'dying	4-Dec-12	04.40	4-Dec-12	06.10	Distance Protection
220KV	Vita-Mhaisai	4-Dec-12	11.35	4-Dec-12	12.47	Q.M. Work
220KV	Theur - Magarpatta	4-Dec-12	12.02	4-Dec-12	17.20	Bkr Maint.Work.
220KV	Uran-ONGC	4-Dec-12	10.55	5-Dec-12	21.40	Replacement of 220KV C.T.
220KV	Tillari-Amona	4-Dec-12	08.04	4-Dec-12	18.41	Replacement of Insulator.
220KV	Chandrapur-Warora	4-Dec-12	09.04	4-Dec-12	16.24	Routine Maintenance Work,Measurment of Breaker Timing & CRM of Breaker,Measurment of Tan Delta of CTs.
220KV	220/132 KV 150 MVA ICT-II @ Akola.	4-Dec-12	07.41	4-Dec-12	12.45	Shifting CTR System Panel in The Yard for Excavation New Gantry Foundation for Replacement of 1 MVA ICT-II By New 200 MVA.
220KV	Aurangabad-Shendra	4-Dec-12	07.20	4-Dec-12	09.14	Tripped with Bus Bar Section-I Bus Bar Protection Operated.
220KV	Main Bus Section - I @ Shendra	4-Dec-12	07.20	4-Dec-12	09.14	B Ph P T Burst, Bus Bar Protection Operated.
220KV	220/33 KV 50 MVA T/F - I @ Shendra	4-Dec-12	07.20	4-Dec-12	09.14	Tripped with Bus Bar Section-I, Bus Bar Protection Operated.
220KV	Tillari-Amona	5-Dec-12	09.50	5-Dec-12	17.40	Disc insulator replacement.
220KV	Karad-Mudsingi-IV	5-Dec-12	10.46	5-Dec-12	16.35	Analysis of toures kit.
220KV	Vita - Pandharpur	5-Dec-12	09.37	5-Dec-12	21.06	Q.M.Work.
220KV	Baramati-Jejuir	5-Dec-12	16.36	6-Dec-12	18.55	Repl of 220KV Bus side isolator.
220KV	220/132 KV 200 MVA ICT- II @ Boiser	5-Dec-12	18.06	6-Dec-12	04.35	Diff protection
220KV	220/132KV 200MVA ICT II At Girwail	5-Dec-12	13.50	5-Dec-12	16.47	132KV CT fail indication on busbar protection.
220KV	Bhandara - Riv TSS - II	5-Dec-12	11.24	5-Dec-12	14.37	Sparking observed at TSS end.
220KV	220/132KV 200MVA ICT II At Girwail	5-Dec-12	11.05	5-Dec-12	13.30	To release of newly charged ICT.
220KV	Ambazari - Abhijeet	5-Dec-12	11.00	5-Dec-12	17.49	In view of K'heda-Ambz outage.
220KV	Khaphkhedha-Ambazari - I	5-Dec-12	11.03	5-Dec-12	14.23	Hot Spot.
220KV	Khaphkhedha - Ambazari - II	5-Dec-12	14.50	5-Dec-12	17.44	Hot Spot.
220KV	Aurangabad-Shendra	5-Dec-12	11.26	5-Dec-12	15.01	For taking bus PT of bus in service.
220KV	Chandrapur - Chandrapur MIDC	5-Dec-12	08.58	5-Dec-12	18.42	For connecting conductors on ERS towers.
220KV	Uran - JNPT	6-Dec-12	01.25	6-Dec-12	02.26	Bus Bar Prot.Optd.due to B-PH PT Burst of U-BO.
220KV	Apta-Uran-I	6-Dec-12	01.25	6-Dec-12	02.19	Bus Bar Prot.Optd.due to B-PH PT Burst of U-BO.
220KV	Apta-Uran-III	6-Dec-12	01.25	6-Dec-12	02.23	Bus Bar Prot.Optd.due to B-PH PT Burst of U-BO.
220KV	Bus Coupler @ Uran	6-Dec-12	01.25	6-Dec-12	02.19	Bus Bar Prot.Optd.due to B-PH PT Burst of U-BO.
220KV	Bus II at Uran.	6-Dec-12	01.25	6-Dec-12	02.19	Bus Bar Prot.Optd.due to B-PH PT Burst of U-BO.
220KV	220/6.6KV STN T/F I at Uran	6-Dec-12	01.25	6-Dec-12	02.19	Bus Bar Prot.Optd.due to B-PH PT Burst of U-BO.
220KV	220/22KV 50MVA T/F I at Uran	6-Dec-12	01.25	6-Dec-12	03.15	Bus Bar Prot.Optd.due to B-PH PT Burst of U-BO.
220KV	Bhosari-Telco	6-Dec-12	08.26	6-Dec-12	18.43	L.I.O arrangement for Bhosari S/S
220KV	Bhosari - Chakan	6-Dec-12	08.03	6-Dec-12	18.50	L.I.O arrangement for Bhosari S/S.
220KV	Chinchwad-Parvati	6-Dec-12	08.12	6-Dec-12	19.06	Due to outage on Bhosari Telco & Chakan.
220KV	Karad-Kolhapur - II	6-Dec-12	09.49	6-Dec-12	18.03	Testing work.
220KV	Halkarni-Tillari	6-Dec-12	09.27	6-Dec-12	18.37	Replacement of insulator.
220KV	Vita - Lamboti	6-Dec-12	17.45	6-Dec-12	19.40	Hot Spot.
220KV	Chandrapur-Gadchandur	6-Dec-12	08.23	7-Dec-12	19.36	destringing work,erection of in line tower.
220KV	220/132KV 200 MVA ICT I at Chalisgaon	6-Dec-12	12.35	6-Dec-12	15.49	CRM of HV side breaker.(ICT charged through TBC.)
220KV	Badnera-Amravati	6-Dec-12	22.10	6-Dec-12	23.21	Y PH.CT burst at Amravati end.
220KV	Babaleshwar - Alephata	6-Dec-12	21.39	7-Dec-12	04.09	Tripped due to transient fault.
220KV	Main Bus -I at BBL SR	6-Dec-12	21.39	6-Dec-12	22.15	Due to LBB operated.
220KV	Babaleshwar - Babaleshwar - I	6-Dec-12	21.39	6-Dec-12	22.18	Tripped due to LBB operated on 220KV Main Bus-I.
220KV	Bableswhar-Nasik-I	6-Dec-12	21.39	6-Dec-12	22.21	Tripped due to LBB operated on 220KV Main Bus-I.
220KV	BBL SR-Waluj	6-Dec-12	21.39	6-Dec-12	22.24	Tripped due to LBB operated on 220KV Main Bus-I.
220KV	Babaleshwar - Nagar - I	6-Dec-12	21.39	6-Dec-12	22.26	Tripped due to LBB operated on 220KV Main Bus-I.
220KV	Halkarni-Tillari	7-Dec-12	08.26	7-Dec-12	17.43	Replacement of insulator.
220KV	Kalwa-Colourchem	7-Dec-12	07.42	7-Dec-12	18.05	R.M.Work and repl of insulator.
220KV	Bus coupler-I at Kalwa	7-Dec-12	09.01	9-Dec-12	11.48	Maintenance work.
220KV	Nivali-Pawas	7-Dec-12	09.33	7-Dec-12	14.05	Tan delta and insulator washing.
220KV	220 KV Main Bus @ Jindal	7-Dec-12	10.35	7-Dec-12	13.58	Replacement of checkmeter of EHV consumer.
220KV	Bus section at Airoli Knowledge park	7-Dec-12	11.19	7-Dec-12	17.40	Replacement of CT.
220KV	Nagothane - SPCl	7-Dec-12	13.00	7-Dec-12	15.51	Attending hot spot on bus isolator
220KV	Babaleshwar - Alephata	7-Dec-12	21.21	7-Dec-12	23.42	Testing work.
220KV	Vita - Lamboti	7-Dec-12	14.38	7-Dec-12	20.13	To control line loading.
220KV	Kanhan - Bhandara - II	7-Dec-12	11.15	7-Dec-12	17.00	Signature analysis test of line.
220KV	220/132KV 200 MVA ICT- III @ Padegaon	7-Dec-12	14.36		Continued.	Replacement of MOCB(ICT will be charged through TBC.)
220KV	220/132KV 100MVA ICT II at Paranda	7-Dec-12	09.40	7-Dec-12	13.44	Q.M.Work
220KV	Warora - Wani	7-Dec-12	13.03	7-Dec-12	17.08	Tan delta measurement.
220KV	Bus section-II at Nsk GCR	8-Dec-12	01.41		Continued.	Bus Section-II,'B' ph.CT burst.
220KV	Bableswhar-Nasik-I	8-Dec-12	01.41	8-Dec-12	02.30	Bus Section-II B ph.CT burst.
220KV	Nasik - Ghatghar	8-Dec-12	01.41	8-Dec-12	03.15	Bus Section-II,'B' ph.CT burst.
220KV	Nasik - Airoli - Knowledge Park	8-Dec-12	01.41	8-Dec-12	02.47	Bus Section-II,'B' ph.CT burst.
220KV	220/132 KV,200MVA ICT-I at Nasik GCR	8-Dec-12	01.41	8-Dec-12	03.05	Bus Section-II,'B' ph.CT burst.
220KV	220/132 KV 150 MVA ICT- II @ Nasik	8-Dec-12	01.41	8-Dec-12	03.07	Bus Section-II,'B' ph.CT burst.

220KV	220/132KV 200MVA ICT-V at Nasik	8-Dec-12	01.41	8-Dec-12	03.10	Bus Section-II,'B' ph.CT burst.
220KV	Bus Section - I @ Nasik GCR	8-Dec-12	01.41	8-Dec-12	03.29	Bus Section-II,'B' ph.CT burst.
220KV	Bus Section-III @ Nasik GCR	8-Dec-12	01.41	8-Dec-12	02.26	Bus Section-II,'B' ph.CT burst.
220KV	Malegaon - Satana - I	8-Dec-12	09.30	8-Dec-12	14.35	Q.M.Work
220KV	220/100KV 200MVA ICT-I at Borivali	8-Dec-12	09.53	8-Dec-12	13.45	Testing work.
220KV	Babaleshwar - Babaleshwar - I	8-Dec-12	10.40	8-Dec-12	16.49	Q.M.Work
220KV	Lonand - Bothe (Sunwadi)	8-Dec-12	10.27		Continued.	220KV periphahal unit(Bus Bar)confirmation through primary injection.
220KV	Karad-Pophali	8-Dec-12	11.27	8-Dec-12	18.45	LLO work on 220KV KRD-Pophali line.
220KV	Main Bus II @ Aarey	8-Dec-12	09.09	8-Dec-12	17.45	Annual Maint.Work.
220KV	220/110KV 200MVA ICT-III at Borivali	8-Dec-12	14.40	8-Dec-12	19.55	Abnormal sound.
220KV	Tambati-Pedambe	8-Dec-12	15.58	8-Dec-12	23.48	Distance protection Z-1.
220KV	Karad-Kolhapur - II	8-Dec-12	18.03	8-Dec-12	18.16	Distance protection.
220KV	Kalmeshwar - Pandurna	8-Dec-12	08.13		Continued.	Making tension,Shifting of new tower.
220KV	Tillari-Amona-II	8-Dec-12	09.19	8-Dec-12	18.48	Replacement of insulator.
220KV	220/132 KV 200 MVA ICT-II At Chalisgaon	8-Dec-12	10.55	8-Dec-12	11.37	LV side breaker CRM(LV side on TBC)
220KV	220/132KV 200 MVA ICT I at Chalisgaon	8-Dec-12	14.21	8-Dec-12	15.46	CRM of LV side breaker(LV side on TBC)
220KV	Khaparkheda - Kanhan - II	8-Dec-12	09.43	8-Dec-12	13.41	For attending high temp.points at wave trap CT and CKT.
220KV	Main Bus II @ Aarey	9-Dec-12	08.38	9-Dec-12	16.48	Annual Maintenance
220KV	Nerul -Sonkhar	9-Dec-12	08.30	9-Dec-12	14.05	Measurement of Tan Delta
220KV	Tillari-Amona	9-Dec-12	07.52	9-Dec-12	18.52	Replacement of Disc Insulator
220KV	220/100KV 200 MVA ICT III at Borivali	9-Dec-12	09.55	9-Dec-12	15.20	Tan Delta of CT
220KV	Pedambe - Oni	9-Dec-12	13.30	9-Dec-12	14.19	Distance Protection
132KV	Waghala - Kandhar	3-Dec-12	19.46	3-Dec-12	21.29	Distance Protection
132KV	Amravati - Lalkhedli	3-Dec-12	10.55	3-Dec-12	11.02	B Phase Over Current
132KV	Yavatmal - Panderkawada	4-Dec-12	15.09	4-Dec-12	15.10	New Line Charged First Time.
132KV	Paras-Malkapur	5-Dec-12	12.49	5-Dec-12	15.57	Dist protection
132KV	Bhandara - Ambhora - I	6-Dec-12	16.35	6-Dec-12	16.48	Distance protection.
132KV	Pachora - Chalisgaon - I	7-Dec-12	11.38	7-Dec-12	11.52	B ph line side isolator sparking.
132KV	Pachora-Chalisgaon Ckt.II.	7-Dec-12	11.52	7-Dec-12	15.14	B ph line side isolator sparking.
132KV	Kalmeshwar-Saoner Ckt.	7-Dec-12	15.43	7-Dec-12	17.18	B ph I.A problem.
132KV	Giravali-Gangakhed	8-Dec-12	18.06	9-Dec-12	16.35	Distance protection.
132KV	Nanded - Kandhar	8-Dec-12	18.20	9-Dec-12	11.48	Distance protection.
132KV	Padegaon-Garware	8-Dec-12	19.27	9-Dec-12	01.55	B ph PT burst at Garware.
132KV	Chitegaon - Garware	8-Dec-12	19.27	9-Dec-12	01.54	B ph PT burst at Garware.
132KV	Paras - Warwat Bakal	8-Dec-12	22.35	8-Dec-12	22.57	Distance protection operated Z-1.
132KV	Parly - Renapur	9-Dec-12	13.57	9-Dec-12	14.30	Distance Protection
132KV	Waghala - Kandhar	9-Dec-12	15.24	9-Dec-12	15.52	Backup Protection O/C Earth Fault
100KV	100KV Main Bus @ Kandalgaon	4-Dec-12	09.40	4-Dec-12	17.05	To Replace Gantry Earthwire.
100KV	Pal-Taloja	4-Dec-12	10.40	4-Dec-12	15.40	R.M.Work.