

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 17-Dec-12 To 23-Dec-12

Date	Monday 17-Dec-12	Tuesday 18-Dec-12	Wednesday 19-Dec-12	Thursday 20-Dec-12	Friday 21-Dec-12	Saturday 22-Dec-12	Sunday 23-Dec-12
On Line Capacity (MW)							
MSPGCL THM	4860	4818	4985	4735	5197	5025	4375
MSPGCL HY	1174	1107	1192	1254	1191	1178	1318
MSPGCL GAS	430	410	360	330	350	340	340
MSPGCL TOTAL	6464	6335	6537	6319	6738	6543	6033
Cent. Sect.(incl. RGPPL)	5131	5002	5215	4502	4782	4206	4081
MSPGCL + CS	11595	11337	11752	10821	11520	10749	10114
TPCL	1748	1748	1748	1748	1498	1498	1498
REL	500	500	500	500	500	500	500
TPCL + REL	2248	2248	2248	2248	1998	1998	1998
CPP	1408	1400	1410	1424	1426	1463	1468
STATE OLC	15251	14985	15410	14493	14944	14210	13580
Morning Peak Demand (MW)	11 Hrs	12 Hrs	11 Hrs	11 Hrs	12 Hrs	11 Hrs	12 Hrs
MSPGCL THM	4965	4775	4763	4864	5098	4656	4490
MSPGCL HY	508	733	1681	1914	2246	1672	1797
MSPGCL GAS	422	336	301	333	241	336	356
MSPGCL TOTAL	5895	5844	6745	7111	7585	6664	6643
Cent. Sect.(incl. RGPPL)	6012	5555	5394	5103	4526	5633	4789
Wind	674	560	315	204	108	156	79
CPP	1680	1938	1995	1999	2018	2008	2031
TPCL Asst	-522	-594	-459	-525	-758	-520	-319
MSEDCL Catered	13739	13303	14020	13939	13479	13941	13223
Load Shedding (LS)	526	858	619	625	779	691	1147
MSEDCL Demand(Incl LS)	14265	14161	14639	14564	14258	14632	14370
TPCL + REL Dem.	2609	2655	2534	2556	2642	2380	1955
State Demand (Incl LS)	16874	16816	17173	17120	16900	17012	16325
Sys. Freq. (Hz)	50.03	49.83	49.8	49.71	49.85	49.83	49.75
Evening Peak Demand (MW)	17 Hrs	17 Hrs	17 Hrs	17 Hrs	17 Hrs	17 Hrs	19 Hrs
MSPGCL THM	5033	4834	4806	4816	5274	4697	4347
MSPGCL HY	260	403	1490	1344	1179	1265	1373
MSPGCL GAS	385	333	361	408	293	337	352
MSPGCL TOTAL	5678	5570	6657	6568	6746	6299	6072
Cent. Sect.(incl. RGPPL)	5664	5558	4535	4650	4233	4985	4516
Wind	283	340	139	51	18	38	221
CPP	1738	1965	1995	2002	1984	2003	1926
TPCL Asst	-663	-538	-444	-473	-645	-434	-511
MSEDCL Catered	12700	12895	12882	12825	12336	12891	12277
Load Shedding (LS)	402	539	529	514	509	545	495
MSEDCL Demand(Incl LS)	13102	13434	13411	13339	12845	13436	12772
TPCL + REL Dem.	2569	2603	2562	2536	2520	2304	2063
State Demand (Incl LS)	15671	16037	15973	15875	15365	15740	14835
Sys. Freq. (Hz)	50.07	50.02	49.78	49.91	49.85	49.87	50

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	17-Dec-12	TO	23-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	17-Dec-2012		18-Dec-2012		19-Dec-2012		20-Dec-2012		21-Dec-2012		22-Dec-2012		23-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	*	*	*	*	*	*	*	*	*	*	*	*	*	3
2	KORADI	5	*	5	*	5	*	5	*	5	*	5	7	5	7
3	KHAPERKHEDA	*	3	*	*	*	*	*	*	*	*	*	*	*	*
4	PARALI	4	6	4	6	4	6	4	6	4	6	4	6	4	6,7
5	CHANDRAPUR	*	*	*	7	*	7	*	7	*	*	*	*	*	7
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	
17-Dec-2012	MONDAY	80.923	3372	43.881	1828	124.804	5200	118.948	4956	-5.856	-244
18-Dec-2012	TUESDAY	74.652	3111	40.624	1693	115.276	4803	113.710	4738	-1.566	-65
19-Dec-2012	WEDNESDAY	68.582	2858	43.558	1815	112.140	4673	109.394	4558	-2.746	-114
20-Dec-2012	THURSDAY	64.203	2675	42.672	1778	106.875	4453	106.383	4433	-0.492	-21
21-Dec-2012	FRIDAY	66.799	2783	33.578	1399	100.377	4182	98.132	4089	-2.245	-94
22-Dec-2012	SATURDAY	64.877	2703	39.778	1657	104.655	4361	105.427	4393	0.772	32
23-Dec-2012	SUNDAY	65.983	2749	38.919	1622	104.902	4371	104.841	4368	-0.061	-3
	TOTAL	486.019		283.010		769.029		756.835		-12.194	

Details of Koyna Water Consumption (In TMC)

DATE	For the Day	For the Month	Balance
17-Dec-12	0.040	2.969	31.320
18-Dec-12	0.090	3.059	31.230
19-Dec-12	0.280	3.339	30.950
20-Dec-12	0.367	3.706	30.583
21-Dec-12	0.391	4.097	30.192
22-Dec-12	0.442	4.539	29.750
23-Dec-12	0.488	5.027	29.262

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
17-Dec-12	17	5033	260	385	5678	5664	283	1738	-663	12700	402	13102	1390	516	15269	15671	50.07
18-Dec-12	17	4834	403	333	5570	5558	340	1965	-538	12895	539	13434	1536	529	15498	16037	50.02
19-Dec-12	17	4806	1490	361	6657	4535	139	1995	-444	12882	529	13411	1591	527	15444	15973	49.78
20-Dec-12	17	4816	1344	408	6568	4650	51	2002	-473	12825	514	13339	1538	525	15361	15875	49.91
21-Dec-12	17	5274	1179	293	6746	4233	18	1984	-645	12336	509	12845	1348	527	14856	15365	49.85
22-Dec-12	17	4697	1265	337	6299	4985	38	2003	-434	12891	545	13436	1343	527	15195	15740	49.87
23-Dec-12	19	4347	1373	352	6072	4516	221	1926	-511	12277	495	12772	1025	527	14340	14835	50.00
Maximum		5274	1490	408	6746	5664	340	2003	-434	12895	545	13436	1591	529	15498	16037	50.07
Minimum		4347	260	293	5570	4233	18	1738	-663	12277	402	12772	1025	516	14340	14835	49.78
Average		4830	1045	353	6227	4877	156	1945	-530	12687	505	13191	1396	525	15138	15642	49.93

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
17-Dec-12	11	4965	508	422	5895	6012	674	1680	-522	13739	526	14265	1558	529	16348	16874	50.03
18-Dec-12	12	4775	733	336	5844	5555	560	1938	-594	13303	858	14161	1533	528	15958	16816	49.83
19-Dec-12	11	4763	1681	301	6745	5394	315	1995	-459	14020	619	14639	1548	527	16554	17173	49.80
20-Dec-12	11	4864	1914	333	7111	5103	204	1999	-525	13939	625	14564	1504	527	16495	17120	49.71
21-Dec-12	12	5098	2246	241	7585	4526	108	2018	-758	13479	779	14258	1356	528	16121	16900	49.85
22-Dec-12	11	4656	1672	336	6664	5633	156	2008	-520	13941	691	14632	1333	527	16321	17012	49.83
23-Dec-12	12	4490	1797	356	6643	4789	79	2031	-319	13223	1147	14370	1108	528	15178	16325	49.75
Maximum		5098	2246	422	7585	6012	674	2031	-319	14020	1147	14639	1558	529	16554	17173	50.03
Minimum		4490	508	241	5844	4526	79	1680	-758	13223	526	14161	1108	527	15178	16325	49.71
Average		4802	1507	332	6641	5287	299	1953	-528	13663	749	14413	1420	528	16139	16889	49.83

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
17-Dec-12	119.196	5.229	10.057	0.126	134.608	118.948	124.804	10.238	41.345	29.111	12.365	-9.542	295.597	34.163	16.818	346.578
18-Dec-12	115.839	9.177	8.878	0.173	134.067	113.710	115.276	11.252	44.944	29.040	11.938	-10.983	292.990	34.776	17.181	344.947
19-Dec-12	112.874	17.566	8.336	0.333	139.109	109.394	112.140	8.022	45.950	30.265	12.678	-8.632	293.844	34.211	17.363	345.418
20-Dec-12	113.959	21.489	6.597	0.380	142.425	106.383	106.875	5.615	46.605	30.051	12.654	-8.364	292.663	33.967	17.100	343.730
21-Dec-12	121.142	21.797	7.025	0.167	150.131	98.132	100.377	3.955	47.060	27.097	12.673	-11.223	288.055	33.819	17.174	339.048
22-Dec-12	113.087	24.703	8.036	0.163	145.989	105.427	104.655	4.062	46.464	26.893	12.662	-9.082	292.860	31.870	16.767	341.497
23-Dec-12	103.046	24.924	7.902	0.188	136.060	104.841	104.902	4.590	46.977	23.052	12.660	-7.163	285.305	27.993	14.880	328.178
Maximum	121.142	24.924	10.057	0.380	150.131	118.948	124.804	11.252	47.060	30.265	12.678	-7.163	295.597	34.776	17.363	346.578
Minimum	103.046	5.229	6.597	0.126	134.067	98.132	100.377	3.955	41.345	23.052	11.938	-11.223	285.305	27.993	14.880	328.178
Average	114.163	17.841	8.119	0.219	140.341	108.119	109.861	6.819	45.621	27.930	12.519	-9.284	291.616	32.971	16.755	341.342

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.

Maharashtra State Load Despatch Centre, Kalwa

Information for Weekly Cabinet Meeting

For the Week

17-Dec-12

to

23-Dec-12

Demand Supply Summary

	Morning Peak (MW)	Evening Peak (MW)
Average Peak Demand	14413	13191
Average Peak Supply	13663	12687
Average Load Relief (LS)	749	505

Average Supply Summary

	Morning Peak (MW)	Evening Peak (MW)	Mus
Thermal	4802	4830	114.16
Gas	332	353	8.12
Hydro	1507	1045	17.84
CS Drawal (Total)	5287	4877	108.12
TPCL	-528	-530	-9.28

Koyna Water position

	Water in TMC Feet
Average Water Used Per Day	0.300
Balance Left	29.262
Balance Left Last Year Same Week	21.147

MSPGCL Unit Outage Position

Date	MSPGCL (in MW)		
	Planned	Forced	Total
17-Dec-12	410	670	1080
18-Dec-12	410	960	1370
19-Dec-12	410	960	1370
20-Dec-12	410	960	1370
21-Dec-12	410	460	870
22-Dec-12	410	670	1080
23-Dec-12	410	1630	2040

Distressed Load Shedding

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

GENERATING UNIT OUTAGES FOR THE WEEK

FROM 17-Dec-12 TO 23-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.	C.O.H.
Bhusawal	Unit 2	210	19-Oct-12	22.22		Continued.	AOH.
Uran	Unit A0	120	15-Nov-12	23.56	23-Dec-12	18.18	A/OH.
Koyna	Unit 5	80	20-Nov-12	23.45	19-Dec-12	23.20	To attend water leakage on servomotor, Outage on pressure shaft no.3 of unit
Koyna	Unit 6	75	21-Nov-12	07.55	19-Dec-12	18.20	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	17-Dec-12	15.58	Planned shutdown A.M.
Tata	Trombay 8	250	21-Dec-12	00.10		Continued.	Boiler recertification.

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	1B	230	9-Oct-12	13.56		Continued.	Gas Shortage.
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	23-Dec-12	20.54	Flame Failure.
CPP	Adani	660	9-Nov-12	19.16		Continued.	No Schedule.
Uran	Unit 5	108	19-Nov-12	23.55	23-Dec-12	11.33	Gas Shortage
Dabhol	3A	230	3-Dec-12	21.23		Continued.	Gas Shortage
Dabhol	3X	290	3-Dec-12	21.21		Continued.	Gas Shortage
Uran	Unit 6	108	5-Dec-12	11.07	20-Dec-12	04.49	Gas shortage.
Khaparkheda	Unit 3	210	9-Dec-12	15.21	19-Dec-12	05.18	Boiler Tube Leakage
Dabhol	2A	230	17-Dec-12	21.54		Continued.	Gas Shortage.
Chandrapur	Unit 7	500	17-Dec-12	19.30	21-Dec-12	01.32	Governor Problem.
Bhusawal	Unit 5	500	18-Dec-12	11.00	18-Dec-12	14.12	Drum Level Low.
Bhusawal	Unit 5	500	18-Dec-12	14.19	18-Dec-12	18.01	Electrical Problem.
Bhusawal	Unit 5	500	19-Dec-12	01.43		Continued.	Bunkering Problem.
Uran	Unit 8	108	19-Dec-12	11.01	19-Dec-12	12.58	Boiler Circulating Pump Problem.
Uran	Unit 7	108	20-Dec-12	02.15	20-Dec-12	04.27	Condensor Chord Failure.
Uran	Unit 8	108	20-Dec-12	02.15	20-Dec-12	05.24	Condensor Chord Failure.
Uran	Unit B0	120	20-Dec-12	02.15	21-Dec-12	09.11	Condensor Chord Failure.
Uran	Unit 6	108	20-Dec-12	02.22	20-Dec-12	04.49	Gasket Trip.
Uran	Unit 8	108	20-Dec-12	19.50	20-Dec-12	20.48	Condensor pump tripped.
Uran	Unit B0	120	20-Dec-12	19.50	21-Dec-12	00.22	Boiler Protection.
Uran	Unit 6	108	20-Dec-12	22.11	20-Dec-12	22.46	Boiler Descriciency.
CPP	WPCL U-4	135	21-Dec-12	12.04	21-Dec-12	15.04	Electrical aux.bus dead.
Koradi	Unit 7	210	21-Dec-12	23.06	23-Dec-12	23.21	Boiler tube leakage.
Uran	Unit B0	120	21-Dec-12	08.07	21-Dec-12	14.06	Condensent pump tripped.
Uran	Unit B0	120	21-Dec-12	18.02	21-Dec-12	21.19	Condensent pump tripped.
Uran	Unit 8	108	21-Dec-12	19.49	21-Dec-12	20.48	Condensent pump tripped.
Nasik	Unit 3	210	22-Dec-12	17.00		Continued.	Boiler tube leakage.
Parli	Unit 7	250	22-Dec-12	20.46		Continued.	Steam leakage.
Chandrapur	Unit 7	500	22-Dec-12	09.22		Continued.	Boiler tube leakage.
Uran	Unit 6	108	23-Dec-12	01.05	23-Dec-12	05.23	Boiler discrepancy.
Khaparkheda	Unit 4	210	23-Dec-12	13.31	23-Dec-12	17.40	Furnace pressure High
Uran	Unit 8	108	23-Dec-12	18.55		Continued.	Gas Shortage
Uran	Unit 6	108	24-Dec-12	02.17		Continued.	Bearing Vibration

LINE OUTAGES FOR THE WEEK

FROM 17-Dec-12 TO 23-Dec-12

Voltage	Name	date_trip	time_trip	date_sync	time_sync	Reason
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	Khadka - Aurangabad	27-Nov-12	11.58	30-Dec-12	14.50	Replacement of Main Bus-I P.G Isolator.
220KV	220/132KV 200 MVA ICT- III @ Padegaon	7-Dec-12	14.36	21-Dec-12	14.20	Replacement of MOCB(ICT will be charged through TBC.)
400KV	Bhusawal- Aurangabad	13-Dec-12	16.34	17-Dec-12	06.37	Over Voltage.
400KV	Kolhapur - Mapusa - I	14-Dec-12	17.55	21-Dec-12	10.12	Over Voltage.
400KV	Karad - Kolhapur - II	15-Dec-12	20.07	19-Dec-12	10.00	Over Voltage.
400KV	Dhule - S'Sarovar- II	15-Dec-12	17.06	17-Dec-12	10.44	Over Voltage.
400KV	Karad - Kolhapur - I	16-Dec-12	21.32	17-Dec-12	09.35	Over Voltage.
400KV	Akola - Wardha - I	16-Dec-12	21.02	17-Dec-12	07.05	Over Voltage.
220KV	220/132 KV 200 MVA ICT-I @ Harangul	16-Dec-12	20.27	17-Dec-12	16.05	To Attend Red Hot.
400KV	Lonikand- Koyna Stage IV	16-Dec-12	22.39	17-Dec-12	06.41	Over Voltage.
400KV	Seoni - Wardha - I 765KV	17-Dec-12	02.19	17-Dec-12	06.39	Over Voltage.
220KV	Talange - Sawantwadi	17-Dec-12	07.18	17-Dec-12	17.16	Stringing of 220KV Kolhapur-Sawantwadi-II.
220KV	Chinchwad-Urse	17-Dec-12	08.16	17-Dec-12	18.55	N.B.Tower @ Loc.No.7 & 8 of 220KV Chinchwad-Urse.
220KV	220/100 KV 200 MVA ICT-I @ Apta	17-Dec-12	10.04	17-Dec-12	17.56	Oil Filtration Work.
220KV	Talange-Five star MIDC	17-Dec-12	11.50	17-Dec-12	17.03	Q.M.Work.
220KV	SPCL - IPCL	17-Dec-12	10.32	17-Dec-12	12.13	C.B & Isolator Maint.Work.
400KV	Main Bus - I @ Kolhapur	17-Dec-12	13.05	19-Dec-12	11.09	Replacement of Bus CVT.Q.M.Work.
220KV	220/22 KV 50 MVA T/F-II @ Kalwa	17-Dec-12	14.20			Continued. H.V Breaker Replacement(Up to 31/12/2012)
220KV	Mumewadi - Halkarni - II	17-Dec-12	15.28	17-Dec-12	16.48	By Taurus Kit.
400KV	400/220 KV 600 MVA ICT - IV @ Padgha	17-Dec-12	16.54	17-Dec-12	17.48	Air Leakage in Pipe Line.
220KV	Halkarni-Mahalaxmi	17-Dec-12	12.16	17-Dec-12	13.45	Replacement of Insulators.
220KV	Vita-Mhaisai	17-Dec-12	17.10	17-Dec-12	17.20	Distance Protection B Ph to E.
400KV	Bhusawal- Aurangabad	17-Dec-12	17.05	19-Dec-12	07.39	Over Voltage.
400KV	Karad - Kolhapur - I	17-Dec-12	17.10	18-Dec-12	09.14	Over Voltage.
400KV	Lonikand- Koyna Stage IV	17-Dec-12	22.01	18-Dec-12	07.15	Over Voltage.
220KV	Mahalakshmi-Amona-I	17-Dec-12	10.51	17-Dec-12	18.54	Replacement of Insulator.
400KV	Dhule-Sar'Sarovar - I	17-Dec-12	21.55	18-Dec-12	07.02	Over Voltage.
220KV	Gadchandur-Virur-II	17-Dec-12	05.35	17-Dec-12	06.35	Distance Protection Operated.
220KV	Tillari-Amona	18-Dec-12	12.24	18-Dec-12	18.37	Cut Point Insulator. Work in Goa End.
400KV	Dhule-Sar'Sarovar - II	18-Dec-12	21.56	19-Dec-12	07.38	Over Voltage.
220KV	Trombay-Kharghar	18-Dec-12	12.55	18-Dec-12	13.12	Distance Protection.
132KV	Kurunda - Hingoli	18-Dec-12	23.00	18-Dec-12	23.20	Distance Protection.
400KV	Akola - Indiabuti (Nandgaonpeth)	18-Dec-12	21.54	19-Dec-12	07.04	Over Voltage.
220KV	Bhusawal - Chalisgaon - II	18-Dec-12	16.03	18-Dec-12	18.42	For Tan Delta Measurment of C.T's.
220KV	220/132 KV 200 MVA ICT-II At Chalisgaon	18-Dec-12	09.58	18-Dec-12	15.47	For Tan Delta & Sfra Measurment Work.
220KV	Murud-Tuljapur	18-Dec-12	14.48	18-Dec-12	17.14	Testing Work & TNC Switch Replacement Work.
220KV	Murud - Girawali	18-Dec-12	11.34	18-Dec-12	14.42	Testing Work & TNC Switch Replacement Work.
220KV	220/66 KV 50 MVA ICT-I @ Warora	18-Dec-12	11.04	18-Dec-12	15.29	Tan Delta Measurment of C.T.
220KV	Chinchwad-Urse	18-Dec-12	07.26	18-Dec-12	18.53	Line Maintenance Work.
220KV	Apta-Uran-II	18-Dec-12	07.46	18-Dec-12	17.50	Hot Spot & Replacement of Damage Conductor.
220KV	220/100 KV 100 MVA T/F - IV @ Kandalgaon	18-Dec-12	10.05	22-Dec-12	15.22	H.V Side Bkr & L.V Side C.T Replacement Work.
220KV	Kandalgaon - Sonalloy	18-Dec-12	11.15	18-Dec-12	16.55	Erection of 60 Degree Tower.
220KV	Kalwa-Temghar	18-Dec-12	11.05	18-Dec-12	19.11	For Breaker Replacement Work of 50 MVA T/F-I.
220KV	Kandalgaon - Roha - II	18-Dec-12	11.50	18-Dec-12	21.15	C.T Replacement Work.
220KV	Miraj - Kadegaon	18-Dec-12	10.10	18-Dec-12	14.07	R. M. Work.
220KV	Halkarni - Tillari	18-Dec-12	14.35	18-Dec-12	16.15	By Taurus Kit.
220KV	Miraj -Ichalkarajni	18-Dec-12	16.42	18-Dec-12	18.49	Maintenance Work.
400KV	Karad - Kolhapur - I	18-Dec-12	17.03	19-Dec-12	08.38	Over Voltage.
400KV	Lonikand- Koyna Stage IV	18-Dec-12	21.47	19-Dec-12	07.30	Over Voltage.
220KV	Main Bus & Bus Coupler @ Nagothane	18-Dec-12	13.32	18-Dec-12	19.40	Maintenance Work & Testing Work.
220KV	Mahalakshmi - Amona	18-Dec-12	08.55	18-Dec-12	10.28	Taurus Kit Testing Work.
400KV	Padghe-BBL SR-I	19-Dec-12	02.44	19-Dec-12	06.51	Over Voltage.
400KV	Padgha - Nagothane- II	19-Dec-12	03.04	19-Dec-12	07.19	Over Voltage.
220KV	Chinchwad-Urse	19-Dec-12	07.30	19-Dec-12	19.09	N.B Towers @ Loc.No.7 & 8 @ Chinchwad-Urse.
400KV	400/220 KV 105 MVA Spare ICT @ Akola.	19-Dec-12	08.22			Continued. Dismanteling & Shifting of Spare ICT to R Ph Unit.Internal Inspection of R Ph unit to be made Spare in Future.
220KV	Pawas-Kharepatan	19-Dec-12	09.34	19-Dec-12	16.05	Cold Washing of Insulator.
400KV	Parli - Solapur	19-Dec-12	10.37	20-Dec-12	05.19	Insulator Replacement Work.Line is Ready for Charging @ 19.53.
220KV	Pedambe - Tambati	19-Dec-12	10.00	19-Dec-12	14.20	Attending Hot Spots.
220KV	Nagothane-MSL	19-Dec-12	09.46	19-Dec-12	11.48	Cold Welding Work.
400KV	Bhusawal - Deepnagar - II	19-Dec-12	11.10	19-Dec-12	18.55	Scada Work.
220KV	SPCL - IPCL	19-Dec-12	17.52	19-Dec-12	19.30	Jumper Connection Work.
220KV	Lamboti - Karkumb	19-Dec-12	16.43	19-Dec-12	19.18	Hot Spot Attending Work.
400KV	Karad - Kolhapur - I	19-Dec-12	16.08	19-Dec-12	08.38	Over Voltage.
400KV	Bhusawal- Aurangabad	19-Dec-12	16.19	20-Dec-12	08.51	Over Voltage.

400KV	Karad - Kolhapur - II	19-Dec-12	20.26	20-Dec-12	08.52	Over Voltage.
220KV	Tilary-Amona	19-Dec-12	08.55	19-Dec-12	17.36	Maintenance Work.
400KV	Dhule-SarSarovar - I	19-Dec-12	17.39		Continued.	Over Voltage.
220KV	Main Bus-II At Bhusawal-II	19-Dec-12	09.29	19-Dec-12	17.30	For Connecting Existing M.B.-II Suspension Jumpers to New Extended M.B.-II.
400KV	400/220KV 315MVA ICT-I @ Chandrapur	19-Dec-12	10.45	19-Dec-12	12.51	Breaker Timing & CRM (220KV Side on TBC).
220KV	Beed-Patoda I	19-Dec-12	10.50	19-Dec-12	13.52	Vibration Damper Refixing Work @ Loc 16 & Colour Coding Work @ 220KV Patoda S/S.
220KV	Beed-Patoda II	19-Dec-12	13.55	19-Dec-12	16.42	Vibration Damper Refixing Work @ Loc 16 & Colour Coding Work @ 220KV Patoda S/S/.
220KV	Kalmeshwar-Nippon	19-Dec-12	04.16	19-Dec-12	05.18	Tripped.
400KV	Lonikand- Koyna Stage IV	20-Dec-12	00.10	20-Dec-12	08.32	Over Voltage.
400KV	400/220 KV 500 MVA ICT - II @ Jejuri	20-Dec-12	00.20	20-Dec-12	18.55	Disconnecting Spare ICT & Taking R Ph. Unit of ICT-I I/S.
400KV	Padgha - Nagothane- II	20-Dec-12	01.16	20-Dec-12	07.37	Over Voltage.
220KV	Lonikand-Kathapur	20-Dec-12	07.04	20-Dec-12	18.28	Stringing Work of 400 KV Aurangabad-Pune D/C & 400 KV Parli-Pune D/C Lines.
400KV	Main Bus - I @ Jejuri	20-Dec-12	00.21	20-Dec-12	18.30	Alignment and maint.work of isolators.
220KV	Babaleshwar - Ranjangaon	20-Dec-12	07.14	20-Dec-12	18.29	Stringing work of A/bad-Pune D/C and 400KV Parli-Pune D/C line.
220KV	Vita-Mhaisai	20-Dec-12	09.00	20-Dec-12	18.38	Repl of flashover insulator.
220KV	Borivali - Bhandup (GIS)	20-Dec-12	11.17	20-Dec-12	17.45	Taken on TBC, Testing of CKT,BKR.
400KV	400/220KV 315MVA ICT-II @ Aurangabad.	20-Dec-12	10.56	20-Dec-12	14.09	Taken on TBC,Testing of CKT,Bkr.
400KV	Bhusawal - Deepnagar - II	20-Dec-12	10.17	20-Dec-12	17.54	Scada Work.
400KV	Parli - Solapur	20-Dec-12	12.13	21-Dec-12	06.43	CT Oil Leakage.
220KV	Ghatghar - Washala	20-Dec-12	12.15	20-Dec-12	19.00	Hot Spot.
400KV	New Koyna - Jaigad - II	20-Dec-12	13.24	20-Dec-12	17.18	Emergency Outage.
220KV	Nagothane-MSL	20-Dec-12	16.19	20-Dec-12	18.17	BKR Work at MSL end.
220KV	Bhigwan-Baramati agro	20-Dec-12	00.30	20-Dec-12	01.05	LBB Operated at Bhigwan due to non tripping of 33KV Bhigwan feeder.
220KV	Bhigwan-BILT	20-Dec-12	00.30	20-Dec-12	01.10	LBB Operated at Bhigwan due to non tripping of 33KV Bhigwan feeder.
220KV	Bhigwan-Kurkum	20-Dec-12	00.30	20-Dec-12	01.15	LBB Operated at Bhigwan due to non tripping of 33KV Bhigwan feeder.
220KV	220/22KV 25MVA T/F I at Bhigwan	20-Dec-12	00.30	20-Dec-12	01.20	LBB Operated at Bhigwan due to non tripping of 33KV Bhigwan feeder.
220KV	220/22KV 50MVA T/F II at Bhigwan	20-Dec-12	00.30	20-Dec-12	02.20	LBB Operated at Bhigwan due to non tripping of 33KV Bhigwan feeder.
400KV	Karad-Jaigad I	20-Dec-12	17.08	21-Dec-12	08.18	Over Voltage.
400KV	Bhusawal- Aurangabad	20-Dec-12	18.05	21-Dec-12	08.25	Over Voltage.
400KV	Karad - Kolhapur - II	20-Dec-12	16.06	21-Dec-12	10.15	Over Voltage.
220KV	Valve-Jamde	20-Dec-12	10.20	20-Dec-12	12.50	Tan delta & 220KV isolator alignment & annual maint.work.
400KV	Padgha - Nagothane- II	21-Dec-12	01.00	21-Dec-12	08.01	Over Voltage.
400KV	Lonikand- Koyna Stage IV	21-Dec-12	01.32	21-Dec-12	08.03	Over Voltage.
220KV	Chinchwad-Urse	21-Dec-12	08.00	21-Dec-12	19.23	Erection Work.
100KV	Katwa - Salsette - II	21-Dec-12	08.28	21-Dec-12	17.20	Tower painting work.
400KV	400/220KV 500 MVA ICT-III at Nagothane.	21-Dec-12	09.27	21-Dec-12	18.06	Q.M.Work
220KV	220/100KV 200 MVA ICT- II @ Kolshet	21-Dec-12	09.32	21-Dec-12	16.24	Testing Work.
400KV	400/220 KV Spare ICT @ New Koyna	21-Dec-12	09.44	21-Dec-12	17.00	LA replacement work.
400KV	Lonikand - Parli - I	21-Dec-12	11.20	21-Dec-12	16.11	SF6 gas filling work.(Taken on TBC)
400KV	Main Bus - I @ Lamboli.	21-Dec-12	14.29	21-Dec-12	16.09	Attending oil leakage of R ph.bus CVT.
220KV	220/100KV 100 MVA ICT- I @ Taloja	21-Dec-12	15.20		Continued.	Replacement by 200 MVA New ICT(Up to 06/01/2013)
220KV	Wadkhali - NDIL - I	21-Dec-12	14.28	21-Dec-12	16.03	Breaker CRM Work.
220KV	Wadkhali - Ndli - 2	21-Dec-12	16.06	21-Dec-12	17.49	Breaker CRM Work.
220KV	Jambhul - Anandnagar	21-Dec-12	07.20	21-Dec-12	20.00	200KV R.Y.B stub fitting work.
220KV	220/33KV 50 MVA T/F-1 at Baramati	21-Dec-12	10.40	21-Dec-12	10.50	Over Current E/F.
400KV	Karad - Kolhapur - I	21-Dec-12	16.07	22-Dec-12	07.11	Over Voltage.
400KV	Bhusawal- Aurangabad	21-Dec-12	17.45	22-Dec-12	08.49	Over Voltage.
400KV	Karad - Kolhapur - II	21-Dec-12	20.04	22-Dec-12	09.04	Over Voltage.
400KV	Lonikand- Koyna Stage IV	21-Dec-12	21.49	22-Dec-12	07.19	Over Voltage.
400KV	Kolhapur-Mapusa-II	21-Dec-12	16.50		Continued.	Over Voltage.
400KV	Akola - Wardha - I	21-Dec-12	21.43	22-Dec-12	07.16	Over Voltage.
400KV	Akola - Aurangabad- II	21-Dec-12	21.48	22-Dec-12	07.11	Over Voltage.
132KV	Akola-Akola MIDC	21-Dec-12	14.42	21-Dec-12	15.02	Backup protection operated.
220KV	Padegaon - Sawangi	21-Dec-12	16.10	21-Dec-12	16.24	Distance protection.
400KV	Khadka - Deepnagar - II	21-Dec-12	10.23	21-Dec-12	18.41	For SCADA modification work.
220KV	Chinchwad-Urse	22-Dec-12	07.10	22-Dec-12	19.23	Erection work.
400KV	400/220/33KV 500 MVA ICT-I At Katwa	22-Dec-12	08.08		Continued.	Replacement of 29D isolator under L.E.S.
220KV	Nasik - Airoli - Knowledge Park	22-Dec-12	07.25	22-Dec-12	19.22	Replacement of disc insulator.
220KV	Dahanu-Versova	22-Dec-12	10.26	22-Dec-12	12.57	Attended hot spot.
220KV	Babaleshwar - Nagar - I	22-Dec-12	10.52	22-Dec-12	13.28	Q.M.Work
220KV	SPCL - IPCL	22-Dec-12	13.02	22-Dec-12	16.26	CT leakage at both end.
100KV	Borivali-TATA-I	22-Dec-12	14.31	22-Dec-12	19.00	Maintenance work.
400KV	400/220KV 315 MVA ICT-I At Lonikand.	22-Dec-12	14.00	22-Dec-12	16.16	Hot spot 29D isolator.
220KV	220/100 KV 200 MVA ICT II at Trombay	22-Dec-12	14.33	22-Dec-12	16.55	Tap changing work. 10 to 13.
220KV	220/100KV 200MVA ICT-III at Trombat	22-Dec-12	16.56	22-Dec-12	18.27	Tap changing work.Taken on TBC due to main breaker problem.
400KV	400/220KV 500MVA ICT - I at Khaperkheda	22-Dec-12	09.01	22-Dec-12	18.35	Isolator maintenance work.
220KV	Vita - Lamboli	22-Dec-12	16.49	23-Dec-12	04.47	Distance protection.
400KV	Karad - Kolhapur - II	22-Dec-12	17.02	23-Dec-12	09.35	Over Voltage.
400KV	Bhusawal- Aurangabad	22-Dec-12	17.34	23-Dec-12	10.16	Over Voltage.
400KV	Karad - Kolhapur - I	22-Dec-12	21.45	23-Dec-12	08.40	Over Voltage.
400KV	Lonikand- Koyna Stage IV	22-Dec-12	21.53	23-Dec-12	08.54	Over Voltage.

400KV	Akola - Wardha - II	22-Dec-12	21.48	23-Dec-12	07.55	Over Voltage.
400KV	Akola - Aurangabad - I	22-Dec-12	22.10	23-Dec-12	07.17	Over Voltage.
500KV	HVDC Pole II Padgha	22-Dec-12	21.16	22-Dec-12	22.08	Grass removing work in D.C.filter area.(Opportunity outage.)
220KV	Deepnagar - Bambhori	22-Dec-12	08.50	22-Dec-12	12.25	Stringing work.
220KV	Amalner-Deepnagar	22-Dec-12	09.08	22-Dec-12	12.23	Stringing work.
220KV	Padegaon - Sawangi	22-Dec-12	11.23	22-Dec-12	14.56	String insulator replacement work.
132KV	Amravati - Akola	22-Dec-12	08.50	22-Dec-12	08.59	Distane protection.
220KV	220/132KV 100MVA ICT-I at Dondaicha	22-Dec-12	15.51	22-Dec-12	16.28	New ICT Load taken.
220KV	220/132KV 100 MVA ICT-I at Dondaicha	22-Dec-12	19.17		Continued.	Main bucholz relay operated.
220KV	220/132KV 200 MVA ICT-II at Phursungi	22-Dec-12	09.30	22-Dec-12	14.04	OLTC overhauling work.
220KV	Kalwa - Borivali	23-Dec-12	08.10	23-Dec-12	09.27	Hot Spot
220KV	Main Bus - I @ Arrey	23-Dec-12	09.30	23-Dec-12	18.30	Maint.work
220KV	Borivali - Bhandup (GIS)	23-Dec-12	09.36	23-Dec-12	10.09	Hot Spot
220KV	220/33 KV 100 MVA ICT- III @ Versova	23-Dec-12	09.35	23-Dec-12	17.54	Maint.work
220KV	Chakan- Volkswageon	23-Dec-12	08.18	23-Dec-12	16.09	Breaker work
220KV	Chinchwad-Urse	23-Dec-12	07.40	23-Dec-12	19.28	Erection work
400KV	Karad - Kolhapur - I	23-Dec-12	16.16		Continued.	Over Voltage
400KV	Bhusawal- Aurangabad	23-Dec-12	17.07		Continued.	Over Voltage
400KV	Karad - Kolhapur - II	23-Dec-12	17.35		Continued.	Over Voltage
400KV	Lonikand- Koyna Stage IV	23-Dec-12	21.14		Continued.	Over Voltage
220KV	New Parly - Beed - I	23-Dec-12	14.02	23-Dec-12	16.09	220KV R Phase Bus PT Burst
220KV	New Parli - Beed - II	23-Dec-12	14.02	23-Dec-12	14.36	220KV R Phase Bus PT Burst
220KV	220/132 KV 200 MVA ICT - II @ Beed	23-Dec-12	14.02	23-Dec-12	21.08	220KV R Phase Bus PT Burst.Diff.prot.operated
400KV	Parly(PG) - Wardha (PG) - I	23-Dec-12	08.11	23-Dec-12	18.52	Outage