

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 4-Mar-13 To 10-Mar-13

Date	Monday 4-Mar-13	Tuesday 5-Mar-13	Wednesday 6-Mar-13	Thursday 7-Mar-13	Friday 8-Mar-13	Saturday 9-Mar-13	Sunday 10-Mar-13
On Line Capacity (MW)							
MSPGCL THM	5080	5035	4585	4725	4540	4510	5085
MSPGCL HY	1326	1326	1340	1376	1341	1341	1341
MSPGCL GAS	430	370	300	320	300	300	300
MSPGCL TOTAL	6836	6731	6225	6421	6181	6151	6726
Cent. Sect.(incl. RGPPL)	4634	4673	4999	5032	5077	5067	5132
MSPGCL + CS	11470	11404	11224	11453	11258	11218	11858
TPCL	1377	1377	1377	1377	1877	1877	1710
REL	500	500	250	500	500	500	500
TPCL + REL	1877	1877	1627	1877	2377	2377	2210
CPP	1135	1175	1155	1152	1152	1159	1152
STATE OLC	14482	14456	14006	14482	14787	14754	15220
Morning Peak Demand (MW)	11 Hrs	12 Hrs	12 Hrs	12 Hrs	12 Hrs	12 Hrs	11 Hrs
MSPGCL THM	5130	5064	4732	4596	4491	4357	4943
MSPGCL HY	1660	2036	1522	1829	1687	1892	1513
MSPGCL GAS	430	382	291	300	305	309	305
MSPGCL TOTAL	7220	7482	6545	6725	6483	6558	6761
Cent. Sect.(incl. RGPPL)	5245	5051	5984	5728	5268	5711	5411
Wind	409	162	294	252	222	15	70
CPP	1663	1657	1738	1618	1606	1615	1605
TPCL Asst	-903	-896	-1140	-918	-579	-574	-329
MSEDCL Catered	13634	13483	13421	13405	13050	13375	13551
Load Shedding (LS)	491	749	783	718	640	797	629
MSEDCL Demand(Incl LS)	14125	14232	14204	14123	13690	14172	14180
TPCL + REL Dem.	2667	2788	2804	2902	2950	2719	2008
State Demand (Incl LS)	16792	17020	17008	17025	16640	16891	16188
Sys. Freq. (Hz)	49.92	49.89	49.91	49.82	49.82	49.96	50.06
Evening Peak Demand (MW)	17 Hrs	17 Hrs	17 Hrs	17 Hrs	17 Hrs	17 Hrs	20 Hrs
MSPGCL THM	5035	4963	4974	4419	4315	4644	4526
MSPGCL HY	1708	1364	1290	1931	1675	1234	805
MSPGCL GAS	392	329	297	297	305	305	318
MSPGCL TOTAL	7135	6656	6561	6647	6295	6183	5649
Cent. Sect.(incl. RGPPL)	4856	5307	5582	5527	5190	5384	5409
Wind	79	95	41	41	67	216	383
CPP	1678	1670	1811	1564	1613	1634	1609
TPCL Asst	-898	-812	-1142	-879	-584	-429	-369
MSEDCL Catered	12850	12916	12853	12900	12581	12988	12735
Load Shedding (LS)	427	488	463	556	367	524	0
MSEDCL Demand(Incl LS)	13277	13404	13316	13456	12948	13512	12735
TPCL + REL Dem.	2671	2718	2802	2870	2916	2577	2104
State Demand (Incl LS)	15948	16122	16118	16326	15864	16089	14839
Sys. Freq. (Hz)	49.98	49.96	49.93	49.94	49.97	50.04	50.08

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	4-Mar-13	TO	10-Mar-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	4-Mar-2013		5-Mar-2013		6-Mar-2013		7-Mar-2013		8-Mar-2013		9-Mar-2013		10-Mar-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	*	*	*	*	*	*	*	*	*	*	*	*
2	KORADI	5	*	5	*	5	*	5	*	5	*	5	6	5	6
3	KHAPERKHEDA	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	PARALI	3,4,5,6,7	*	3,4,5,6,7	*	3,4,5,6,7	*	3,4,5,6,7	*	3,4,5,6,7	*	3,4,5,6,7	*	3,4,5,6,7	*
5	CHANDRAPUR	*	*	*	*	*	6	*	6	*	6	*	6	*	2
6	BHUSAVAL	*	*	*	3	*	3	*	*	*	*	*	*	*	*
7	PARAS	*	*	*	*	*	*	*	3	*	3	*	3	*	*

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(+) UNREDRAWL(-)	
		MUs	AVG. MW	MUs	AVG. MW	MUs	AVG. MW	MUs	AVG. MW	MUs	AVG. MW
		1		2		1+2=3		4		3-4=5	
4-Mar-2013	MONDAY	78.025	3251	27.093	1129	105.118	4380	111.447	4644	6.329	264
5-Mar-2013	TUESDAY	82.826	3451	25.949	1081	108.775	4532	115.836	4827	7.061	294
6-Mar-2013	WEDNESDAY	89.382	3724	30.200	1258	119.582	4983	127.435	5310	7.853	327
7-Mar-2013	THURSDAY	81.321	3388	34.052	1419	115.373	4807	125.948	5248	10.575	441
8-Mar-2013	FRIDAY	78.710	3280	38.150	1590	116.860	4869	122.451	5102	5.591	233
9-Mar-2013	SATURDAY	79.891	3329	39.130	1630	119.021	4959	123.906	5163	4.885	204
10-Mar-2013	SUNDAY	74.630	3110	43.268	1803	117.898	4912	124.552	5190	6.654	277
	TOTAL	564.785		237.842		802.627		851.575		48.948	

Details of Koyna Water Consumption (In TMC)

DATE	For the Day	For the Month	Balance
4-Mar-13	0.396	1.219	17.001
5-Mar-13	0.371	1.590	16.630
6-Mar-13	0.359	1.949	16.271
7-Mar-13	0.567	2.516	15.704
8-Mar-13	0.522	3.038	15.182
9-Mar-13	0.461	3.499	14.721
10-Mar-13	0.269	3.768	14.452

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												
4-Mar-13	17	5035	1708	392	7135	4856	79	1678	-898	12850	427	13277	1246	527	15521	15948	49.98
5-Mar-13	17	4963	1364	329	6656	5307	95	1670	-812	12916	488	13404	1382	524	15634	16122	49.96
6-Mar-13	17	4974	1290	297	6561	5582	41	1811	-1142	12853	463	13316	1398	262	15655	16118	49.93
7-Mar-13	17	4419	1931	297	6647	5527	41	1564	-879	12900	556	13456	1464	527	15770	16326	49.94
8-Mar-13	17	4315	1675	305	6295	5190	67	1613	-584	12581	367	12948	1805	527	15497	15864	49.97
9-Mar-13	17	4644	1234	305	6183	5384	216	1634	-429	12988	524	13512	1622	526	15565	16089	50.04
10-Mar-13	20	4526	805	318	5649	5409	383	1609	-369	12735	0	12735	1209	526	14839	14839	50.08
Maximum		5035	1931	392	7135	5582	383	1811	-369	12988	556	13512	1805	527	15770	16326	50.08
Minimum		4315	805	297	5649	4856	41	1564	-1142	12581	0	12735	1209	262	14839	14839	49.93
Average		4697	1430	320	6447	5322	132	1654	-730	12832	404	13235	1447	488	15497	15901	49.99

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												
4-Mar-13	11	5130	1660	430	7220	5245	409	1663	-903	13634	491	14125	1237	527	16301	16792	49.92
5-Mar-13	12	5064	2036	382	7482	5051	162	1657	-896	13483	749	14232	1366	526	16271	17020	49.89
6-Mar-13	12	4732	1522	291	6545	5984	294	1738	-1140	13421	783	14204	1406	258	16225	17008	49.91
7-Mar-13	12	4596	1829	300	6725	5728	252	1618	-918	13405	718	14123	1457	527	16307	17025	49.82
8-Mar-13	12	4491	1687	305	6483	5268	222	1606	-579	13050	640	13690	1843	528	16000	16640	49.82
9-Mar-13	12	4357	1892	309	6558	5711	15	1615	-574	13375	797	14172	1618	527	16094	16891	49.96
10-Mar-13	11	4943	1513	305	6761	5411	70	1605	-329	13551	629	14180	1152	527	15559	16188	50.06
Maximum		5130	2036	430	7482	5984	409	1738	-329	13634	797	14232	1843	528	16307	17025	50.06
Minimum		4357	1513	291	6483	5051	15	1605	-1140	13050	491	13690	1152	258	15559	16188	49.82
Average		4759	1734	332	6825	5485	203	1643	-763	13417	687	14104	1440	489	16108	16795	49.91

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
4-Mar-13	120.772	22.563	9.782	0.196	153.313	111.447	105.118	6.192	38.970	25.921	12.662	-14.084	295.838	34.824	17.842	348.504
5-Mar-13	119.451	23.653	8.470	0.323	151.897	115.836	108.775	5.106	39.096	28.342	12.646	-12.987	298.948	35.792	18.181	352.921
6-Mar-13	113.145	20.467	7.483	0.280	141.375	127.435	119.582	6.250	41.005	29.690	7.857	-17.607	298.458	36.468	18.675	353.601
7-Mar-13	109.592	29.115	7.464	0.232	146.403	125.948	115.373	4.504	39.912	30.301	11.334	-14.919	301.847	37.526	19.027	358.400
8-Mar-13	105.932	26.949	7.525	0.510	140.916	122.451	116.860	3.514	38.739	35.111	12.668	-10.052	295.572	38.112	19.719	353.403
9-Mar-13	109.583	23.424	7.585	0.559	141.151	123.906	119.021	3.033	38.864	32.783	12.650	-9.093	297.861	35.879	18.644	352.384
10-Mar-13	112.111	14.446	7.585	0.220	134.362	124.552	117.898	5.899	38.727	27.084	12.648	-6.695	296.845	30.382	16.079	343.306
Maximum	120.772	29.115	9.782	0.559	153.313	127.435	119.582	6.250	41.005	35.111	12.668	-6.695	301.847	38.112	19.719	358.400
Minimum	105.932	14.446	7.464	0.196	134.362	111.447	105.118	3.033	38.727	25.921	7.857	-17.607	295.572	30.382	16.079	343.306
Average	112.941	22.945	7.985	0.331	144.202	121.654	114.661	4.928	39.330	29.890	11.781	-12.205	297.910	35.569	18.310	351.788

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.

Maharashtra State Load Despatch Centre, Kalwa

Information for Weekly Cabinet Meeting

For the Week

4-Mar-13

to

10-Mar-13

Demand Supply Summary

	Morning Peak (MW)	Evening Peak (MW)
Average Peak Demand	14104	13235
Average Peak Supply	13417	12832
Average Load Relief (LS)	687	404

Average Supply Summary

	Morning Peak (MW)	Evening Peak (MW)	Mus
Thermal	4759	4697	112.94
Gas	332	320	7.98
Hydro	1734	1430	22.95
CS Drawal (Total)	5485	5322	121.65
TPCL	-763	-730	-12.21

Koyna Water position

	Water in TMC Feet
Average Water Used Per Day	0.421
Balance Left	14.452
Balance Left Last Year Same Week	15.090

MSPGCL Unit Outage Position

Date	MSPGCL (in MW)		
	Planned	Forced	Total
4-Mar-13	1330	210	1540
5-Mar-13	1330	210	1540
6-Mar-13	1330	710	2040
7-Mar-13	1330	750	2080
8-Mar-13	1330	750	2080
9-Mar-13	1330	960	2290
10-Mar-13	1330	420	1750

Distressed Load Shedding

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

GENERATING UNIT OUTAGES FOR THE WEEK

FROM 4-Mar-13 TO 10-Mar-13

UNIT UNDER PLANNED OUTAGE

name	unit_no	derat_cap	date_trip	time_trip	date_sync	time_sync	reasondes
Koradi	Unit 5	200	16-Sep-12	04.23		Continued.	C.O.H.,Generator Stator Replacement.
Parli	Unit 4	210	28-Nov-12	02.37		Continued.	water shortage.
Koyna	Unit 12	80	29-Nov-12	08.30		Continued.	A/OH.
Cent_Sect	Tarapur 2	80	31-Dec-12	17.05		Continued.	Refuelling work
Parli	Unit 6	250	25-Jan-13	19.49		Continued.	Water Shortage
Koyna	ST - IV 4	250	4-Feb-13	08.00		Continued.	AOH.
Parli	Unit 3	210	13-Feb-13	23.50		Continued.	Water Shortage
Parli	Unit 5	210	14-Feb-13	22.45		Continued.	Water Shortage
Parli	Unit 7	250	17-Feb-13	01.00		Continued.	Water Shortage.

UNIT UNDER FORCED OUTAGE

name	unit_no	derat_cap	date_trip	time_trip	date_sync	time_sync	reason
Dabhol	1B	230	9-Oct-12	13.56		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.
Dabhol	3A	230	3-Dec-12	21.23		Continued.	Gas Shortage
Dabhol	2B	230	3-Jan-13	13.29		Continued.	Gas shortage.
Tata	Trombay 6	500	23-Jan-13	22.57	7-Mar-13	11.53	Economy Shutdown.
CPP	Adani U1	660	31-Jan-13	17:05		Continued.	400kV Tirora-Warora isolator sparking
CPP	WPCL U-4	135	4-Feb-13	19.16		Continued.	ID fan vibration problem.
Dabhol	2A	230	6-Feb-13	21.32		Continued.	Gas Shortage
Dabhol	2X	290	6-Feb-13	21.32		Continued.	Gas Shortage
Dabhol	3B	230	21-Feb-13	23.08		Continued.	Gas shortage.
Dabhol	3X	290	21-Feb-13	23.04		Continued.	Gas shortage.
CPP	JSW (J) U1	300	27-Feb-13	21:15		Continued.	Bearing Vibration Problem.
CPP	Adani	660	2-Mar-13	21.14	6-Mar-13	05.31	BLR T/L.
Nasik	Unit 3	210	3-Mar-13	23.00	4-Mar-13	20.30	UAT Work.
Uran	Unit 8	108	3-Mar-13	11.18		Continued.	Gas Shortage.
CPP	WPCL U-2	135	4-Mar-13	00.30	4-Mar-13	01.05	Flame Failure.
CPP	WPCL U-1	135	4-Mar-13	06.32	4-Mar-13	07.08	Flame Failure
Cent_Sect	Tarapur 1	80	4-Mar-13	05.30		Continued.	Pressure Pump Seal Leakage.
Koyna	ST-IV 2	250	4-Mar-13	19.00	4-Mar-13	20.30	Ream seal,relased not detected.
Bhusawal	Unit 5	500	4-Mar-13	15.43	5-Mar-13	00.06	Flame Failure.
Bhusawal	Unit 3	210	5-Mar-13	04.15	6-Mar-13	15.37	BLR T/L.
Chandrapur	Unit 6	500	5-Mar-13	22:29	9-Mar-13	17.00	Boiler Tube Leakage.
Uran	Unit 6	108	5-Mar-13	05:30		Continued.	Gas Shortage.
Bhusawal	Unit 5	500	5-Mar-13	15:15	6-Mar-13	08.56	Class A Prot.Operated.
REL	2	250	6-Mar-13	06:05	7-Mar-13	04.16	Boiler Tube Leakage.
CPP	Adani	660	6-Mar-13	05.55	6-Mar-13	08.44	Turbine Problem
Paras	Unit 3	250	6-Mar-13	20.40	9-Mar-13	12.24	Seal Oil system Leakage
Koyna	ST-IV 2	250	7-Mar-13	17.46	7-Mar-13	19.07	Laprinth Water Circulation Lost.
CPP	Adani U-2	660	7-Mar-13	08:30	11-Mar-13	02:02	Roof temp.high
Koradi	Unit 6	210	8-Mar-13	13.42		Continued.	Tripped on Boiler Problem.
Bhusawal	Unit 5	500	8-Mar-13	18.22		Continued.	Conductivity Problem.
Chandrapur	Unit 6	500	9-Mar-13	22.03	10-Mar-13	00.34	Boiler Protection Operated.
Khaparkheda	Unit 2	210	9-Mar-13	10.10	9-Mar-13	12.34	Low Vaccum.
Chandrapur	Unit 2	210	9-Mar-13	22.56	11-Mar-13	02.04	AVR Problem.
Bhusawal	Unit 4	500	10-Mar-13	21.26		Continued.	Control cable burnt.
Khaparkheda	Unit 3	210	10-Mar-13	10.55		Continued.	Boiler tube leakage.

LINE OUTAGES FOR THE WEEK

FROM 4-Mar-13 TO 10-Mar-13

Voltage	Name	date_trip	time_trip	date_sync	time_sync	Reason
400KV	Khadka - Deepnagar - I	6-Jan-13	21.22	7-Mar-13	06.16	8 Phase CT Caught Fire,CT Repl. Ready for charging on 29.01.2013, 18.40Hrs.
400KV	Dabhol - Nagothane - I	9-Feb-13	21.52	4-Mar-13	12.46	Over Voltage.
400KV	Kolhapur - Mapusa - I	1-Mar-13	17.52	4-Mar-13	11.30	Over Voltage
400KV	Dhule-Sar'Sarovar - II	1-Mar-13	21.23	4-Mar-13	11.34	Over Voltage
400KV	Kolhapur-Solapur (PG) II	2-Mar-13	12.33	6-Mar-13	11.55	Maint.work,Ready for charging at 16.17Hrs on 02.03.2013
400KV	Seoni - Wardha -I	2-Mar-13	12.04	4-Mar-13	08.59	To control voltage.
400KV	Chandrapur - Parli - III	3-Mar-13	18.04	6-Mar-13	09.23	While H/T C'pur-Parli III for O/V,B-Ph BKR pole of C'pur-Parli III Burst at Parli and Bus Bar Prot.Operated.
400KV	Karad - Kolhapur - I	3-Mar-13	17.03	4-Mar-13	07.42	Over Voltage.
400KV	Karad - Kolhapur - II	3-Mar-13	16.34	4-Mar-13	09.15	Over Voltage.
400KV	Karad - Newkoyna - I	3-Mar-13	17.03	4-Mar-13	08.54	Over Voltage.
400KV	Karad-Jaigad I	4-Mar-13	04.00	4-Mar-13	08.42	Over Voltage.
400KV	New Koyna - Jaigad - II	4-Mar-13	09.08	4-Mar-13	19.29	Repl.of insulator.
400KV	400/220KV,315MVA ICT-I at Karad	4-Mar-13	09.50	4-Mar-13	18.56	For arresting oil leakage cold welding Tech.
400KV	400/220KV 315 MVA ICT-I @ Padgha	4-Mar-13	10.18	4-Mar-13	10.22	Suspected WT meter problem.
400KV	Padgha - Babaleshwar - II	4-Mar-13	11.33	4-Mar-13	14.07	Dist.Prot.
400KV	Padghe-BBLR-I	4-Mar-13	11.25	4-Mar-13	15.23	Dist.Prot.
400KV	Karad - Kolhapur - II	4-Mar-13	12.58	5-Mar-13	09.18	Over Voltage.
400KV	Karad - Kolhapur - I	4-Mar-13	16.31	5-Mar-13	08.21	Over Voltage.
400KV	Dabhol-Nagothane - II	4-Mar-13	12.34	5-Mar-13	10.52	Dist.Prot,R-Ph.
400KV	Kolhapur - Mapusa - I	4-Mar-13	17.11	5-Mar-13	11.11	Over Voltage.
400KV	Seoni-Wardha-II 765KV.	4-Mar-13	09.07		Continued.	Interchanging.
400KV	Dhule-Sar'Sarovar - I	4-Mar-13	13.16	5-Mar-13	13.30	Main CB SF6 Gas leakage ckt charged through TBC.
400KV	400/220 KV315 MVA ICT-I @ BBLR	5-Mar-13	10.12		Continued.	On TBC for Replacement of LV BKR.(Problem in Pressure Switch)
400KV	New Koyna - Jaigad - II	5-Mar-13	08.25	5-Mar-13	21.49	Replacement of Insulators charged through TBC at New-Koyna.
400KV	400/220KV,315MVA ICT-I at Karad	5-Mar-13	08.50	5-Mar-13	20.00	Oil Leakage by cold welding technique.
400KV	400/220KV 315MVA ICT-I at Kharghar	5-Mar-13	10.25	5-Mar-13	12.18	Taken on TBC for Measurement of CB Timing & R&M work.
400KV	400/220 KV 215 MVA ICT-I at Girawali	5-Mar-13	11.15	5-Mar-13	14.04	Main BRKR taken on TBC to attend Hot Spot at PG Isolator.
400KV	Karad-Lonikand	5-Mar-13	11.17	5-Mar-13	18.41	For taking 80 MW MVAR CSR in service.
400KV	400/220 KV 105 MVA Spare ICT - I at Nagothane.	5-Mar-13	11.50		Continued.	Fitting of MOG & Maint. & Testing work.
400KV	Karad - Kolhapur - I	5-Mar-13	16.24	6-Mar-13	06.42	O/V.
400KV	New Koyna - Jaigad - II	5-Mar-13	21.52	5-Mar-13	23.00	Emergency H.T. Due Isolator sparking at New Koyna end.
400KV	Kolhapur - Mapusa - I	5-Mar-13	16.20	6-Mar-13	09.01	O/V.
400KV	Dabhol - Nagothane - I	5-Mar-13	20.32	6-Mar-13	17.28	Over Voltage.
400KV	Karad - Kolhapur - II	6-Mar-13	02.45	6-Mar-13	06.58	Over Voltage.
400KV	400/220KV 500MVA ICT-III At Kalwa.	6-Mar-13	08.00	6-Mar-13	11.05	Breaker CRM and Timing(CT taken on TBC)
400KV	New Koyna - Jaigad - II	6-Mar-13	08.45	6-Mar-13	14.52	Insulator work
400KV	Padgha - Kalwa- I	6-Mar-13	09.39	6-Mar-13	18.19	Red Hot
400KV	400/220 KV 315 MVA ICT- II @ Kharghar	6-Mar-13	08.54	6-Mar-13	13.16	Breaker CRM and Timing (ICT taken on TBC)
400KV	400/220 KV 315 MVA ICT-II @ Nagothane.	6-Mar-13	09.32	6-Mar-13	18.32	Magnetic Oil Gauge installation
400KV	Karad-Jaigad II	6-Mar-13	15.50	6-Mar-13	22.47	Insulator replacement work(ready for charging at 19.35Hrs)
400KV	Akola - Indiabull (Nandgaonpeth)	6-Mar-13	11.03	6-Mar-13	11.42	Distance Protection
400KV	Karad - Kolhapur - II	6-Mar-13	16.32	7-Mar-13	08.40	Over Voltage
400KV	Kolhapur-Mapusa-II	6-Mar-13	16.54	7-Mar-13	09.33	Over Voltage
400KV	Dabhol-Nagothane - II	6-Mar-13	17.34		Continued.	Red Hot (Ready for charging at 19.30Hrs)
400KV	Karad - Kolhapur - I	7-Mar-13	04.11	7-Mar-13	07.30	Over Voltage
400KV	400/220KV 500 MVA ICT I at Kalwa	7-Mar-13	08.14	7-Mar-13	11.14	Taken on TBC for Breaker CRM & Timing.
400KV	Karad-Jaigad I	7-Mar-13	08.26	7-Mar-13	19.05	Insulator Replacement Work.
400KV	400/220KV 500MVA ICT-I at Khaperkheda	7-Mar-13	10.52	7-Mar-13	14.55	Replacement of NDR Relay & Trip Trails.
400KV	Koradi - Indiabull (Nandgaonpeth)	7-Mar-13	09.44	7-Mar-13	17.26	Taken on TBC for Attending Red Hot Spot.
400KV	Karad-Kolhapur-II	7-Mar-13	16.34	8-Mar-13	09.36	Over Voltage.
400KV	Akola - Aurangabad - II	7-Mar-13	11.44	7-Mar-13	17.34	Dignostic Testing of C B.On TBC @ Aurangabad.
400KV	Kolhapur - Mapusa - I	7-Mar-13	17.04	8-Mar-13	12.38	Over Voltage.
400KV	TBC Bay - I @ Chandrapur	7-Mar-13	08.33	7-Mar-13	19.05	Replacement of Scissor ARM of PG.
400KV	Bus - I @ Indiabull	7-Mar-13	18.19	7-Mar-13	21.23	Bus -I Charged @ 18.19 Hrs.
400KV	Karad - Kolhapur - I	7-Mar-13	17.01	8-Mar-13	08.43	Over Voltage.
400KV	Khadka - Deepnagar - II	7-Mar-13	06.17		Continued.	Over Voltage.
400KV	400/220KV 315 MVA ICT-I @ Padgha	8-Mar-13	00.40	8-Mar-13	04.13	To Attend Hot Spot.
400KV	Karad-Jaigad II	8-Mar-13	08.04	8-Mar-13	22.45	Insulator Replacement Work.
400KV	Koradi -Bhusawal	8-Mar-13	09.23	8-Mar-13	19.53	Stringing Work of 765 KV S/C Koradi-Akola-1 Crossing 400KV Koradi-Bhusawal Line.I/S But Khadka Side on TBC.
400KV	Main Bus-II at Akola	8-Mar-13	09.59	8-Mar-13	19.45	Q/M.Work.
400KV	400/220KV, 315MVA ICT-I @ New Koyna.	8-Mar-13	10.15	8-Mar-13	19.19	Relay Retrofiting Work.
400KV	400/220KV 315 MVA ICT- II @ Padgha	8-Mar-13	11.30	8-Mar-13	18.22	Equipment Diagnostic Test & Bay Maint. Work.
400KV	Karad - Kolhapur - I	8-Mar-13	17.03	9-Mar-13	07.27	Over Voltage.
400KV	Kolhapur-Mapusa-II	8-Mar-13	16.46	8-Mar-13	22.01	Over Voltage.
400KV	Kolhapur - Mapusa - I	8-Mar-13	22.02		Continued.	Over Voltage.

400KV	Karad - Kolhapur - II	8-Mar-13	16.30	9-Mar-13	08.43	Over Voltage.
400KV	Warora - Deoli - II	8-Mar-13	13.07		Continued.	Hand Tripped.Charged Upto Dead End Tower @ 12.52 Hrs on 8.3.2013.
400KV	400/220 KV 300 MVA ICT-I @ Koradi	8-Mar-13	10.26	9-Mar-13	18.07	Testing Commissioning of Nitrogen Injection Fire Fighting System.
400KV	Kalwa-Padgha-II	9-Mar-13	08.25	9-Mar-13	17.06	Balance Work of Replacement of Earthwire
400KV	Newkoina - Jaigad - I	9-Mar-13	09.03	9-Mar-13	18.58	Insulator Replacement.
400KV	New Koina - StageIV - I	9-Mar-13	23.16	10-Mar-13	06.34	Breaker Oil Leakage.
400KV	TBC Bay - I @ Chandrapur	9-Mar-13	09.06	9-Mar-13	19.00	Replacement PG Pad Clamp With Flexible Bond Type Clamp of 400KV R,Y,B Ph CT's.
400KV	Main Bus - II @ Kalwa	9-Mar-13	10.38	9-Mar-13	17.01	400 KV Lonikand Line Handgier Assembly Alignment.
400KV	Main Bus - I @ Bhusawal	9-Mar-13	09.52		Continued.	For Replacement of Main Bus-I PGIsolator of Koradi Bay (5 Days Outage)
400KV	Karad - Kolhapur - II	9-Mar-13	16.33	10-Mar-13	06.51	Over Voltage.
400KV	Kolhapur-Solapur(PGCIL)-I	9-Mar-13	16.41		Continued.	Over Voltage.
400KV	Bus Reactor @ Kolhapur	9-Mar-13	11.03	9-Mar-13	16.11	To Out Bus Reactor @ Kolhapur.
400KV	Karad-Jaigad II	10-Mar-13	08.00	10-Mar-13	10.07	Insulator replacement.
400KV	Newkoina - Jaigad - I	10-Mar-13	10.33	10-Mar-13	15.43	Insulator replacement.
400KV	Bus-Coupler @ Lonikand	10-Mar-13	10.57	10-Mar-13	14.25	To attend hot spot.
400KV	Karad - Kolhapur - II	10-Mar-13	16.36	11-Mar-13	06.25	Over Voltage.
400KV	Kolhapur-Karad -I	10-Mar-13	21.43	11-Mar-13	07.51	Over Voltage.
400KV	Dhule-Sar'Sarovar - I	10-Mar-13	23.23		Continued.	Over Voltage.
220KV	220/100KV 200 MVA ICT- II @ Padgha	31-Jan-13	12.30	4-Mar-13	19.27	Repl of C & D Isolator & H V CT Structure.Upto 02.3.2013.
220KV	Chandrapur - Rly TSS - II	26-Feb-13	11.35	5-Mar-13	11.17	Replacement of Old Isolator.
220KV	Padgha - Nalasopara	27-Feb-13	10.56	7-Mar-13	17.05	Taken on TBC for repalcement of Breaker at Padgha.
220KV	Mahape - Siemens	1-Mar-13	18.59	8-Mar-13	17.48	Mumbai Strengthening work
220KV	Karad-M'peth	3-Mar-13	17.35	4-Mar-13	00.32	R-Ph CC Burst & Wavetrap damaged at M'peth S/S
220KV	Theur - Magarpatta	3-Mar-13	17.28	4-Mar-13	09.15	Dist.Prot.
220KV	Mumewadi - Halkarni	4-Mar-13	09.28	4-Mar-13	17.36	Annual Maint work.
220KV	220 KV Main Bus - I @Talangade	4-Mar-13	12.46	8-Mar-13	18.38	Testing work.
220KV	Pedambe - Mahad	4-Mar-13	14.00	4-Mar-13	14.46	Dist.Prot.
220KV	Theur - Magarpatta	4-Mar-13	17.01	4-Mar-13	17.30	Dist.Prot.
220KV	Kalyani-Baramati Agro	4-Mar-13	17.23	4-Mar-13	18.30	Transient Fault.
220KV	Bhigwan-Baramati agro	4-Mar-13	17.23	4-Mar-13	18.35	Transient Fault.
220KV	Aurangabad - Jalna	4-Mar-13	11.50	4-Mar-13	15.01	Measurement of tan delta.
220KV	Badnera-Akola ckt-I	4-Mar-13	16.12	5-Mar-13	02:18	Decaping of insulator string Y-Ph at cut point Loc.15.
220KV	Bhugaon-UGML	4-Mar-13	10.27	4-Mar-13	22.11	Repl.of metering CT at UGML 220KV S/Y.
220KV	220/132 KV 200 MVA ICT - II @ Nanded	4-Mar-13	08.35	4-Mar-13	11.54	Low oil Indication received.
220KV	Hingoli-Parbhani	4-Mar-13	11.42	4-Mar-13	14.02	To control Wardha-Y'mal L/L.
220KV	220 KV TBC at Sicom	4-Mar-13	13.54	5-Mar-13	18:27	For Maint. of 220 KV TBC.
220KV	220KV Cable Borivali(M)-Gorai(R) I	5-Mar-13	00.10	5-Mar-13	00.14	Reliance 220KV Cable First time charged and load taken.
220KV	220KV Cable Borivali(M)-Gorai(R) I	5-Mar-13	04.16		Continued.	H/T.
220KV	220KV Cable Borivali(M)-Gorai(R) II	5-Mar-13	00.10	5-Mar-13	00.35	Reliance 220KV Cable First time charged and load taken.
220KV	220KV Cable Borivali(M)-Gorai(R) II	5-Mar-13	04.19		Continued.	H/T.
220KV	Halkarni - Momewadi -I	5-Mar-13	11.08	5-Mar-13	11:20	D/P R ph to E.
220KV	Kandalgaon - Dasturi	5-Mar-13	15:25	7-Mar-13	00.48	Dist. Protn. Y-ph to Earth Loc. No.22.
220KV	Karad-M'peth	5-Mar-13	11:17	5-Mar-13	20:41	Replacement of CC&WT.
220KV	Main Bus @ Peth	5-Mar-13	09:22	5-Mar-13	10:25	Bus FPR removing vertical drops of jumpers.
220KV	220/100 KV 200 MVA ICT-II @ Apta	5-Mar-13	11:53	5-Mar-13	18:10	SFRA & TAN DELTA.
220KV	Apta-Bombay Dyeing	5-Mar-13	16:10	5-Mar-13	16:35	O Passing of Highted Cargo from the Road.
220KV	220 KV Bus Sectionlizer at Girwali	5-Mar-13	21:25	6-Mar-13	02:51	Replacement of single conductor to Twin conductor B/W Bus Sectionlizer.
220KV	220/132 KV 200 MVA ICT- II @ Harangul	5-Mar-13	10:19	5-Mar-13	14:20	Testing work of OLTC and Cooler system and Q.M. work.
220KV	Khaperkheda - Koradi	5-Mar-13	09:18	5-Mar-13	15:46	Repl. of Damaged Conductor Y-ph between line and Aux. Isolator,Breaker Timings.
220KV	Wardha-Dhamangaon	5-Mar-13	08:18	5-Mar-13	19:00	Replacement of CB,WT ckt. charged through TBC.
220KV	220/132KV 100 MVA ICT II at Pusad	5-Mar-13	10:15	5-Mar-13	10:35	No Indication.
220KV	220/132 KV 200MVA ICT I at Girwali	5-Mar-13	20:18	6-Mar-13	02:54	Bus sectionaliser outage at 220KV Girwali
220KV	Girwali - Parly - IV	5-Mar-13	20:07	6-Mar-13	03:44	Hot Spot
220KV	Uran - JNPT	6-Mar-13	10:11	8-Mar-13	19:40	Replacement of Isolator
220KV	Uran-Apta-II	6-Mar-13	10:42	6-Mar-13	18:28	Newly erected CCs in service
220KV	220/100KV 200 MVA ICT- I @ Padgha	6-Mar-13	11:41		Continued.	Isolator replacement work(Up to 26/3/13)
220KV	Wadkhal-IPCL-II	6-Mar-13	11:30	6-Mar-13	18:11	Replacement of Insulator
220KV	Nagothane - SPCL	6-Mar-13	09:43	6-Mar-13	14:56	To connect Jumper
220KV	Wadkhal - NDIL - I	6-Mar-13	11:55	6-Mar-13	17:07	Tan Delta Measurement
220KV	Baramati-Kurkumbh	6-Mar-13	17:03	8-Mar-13	02:45	Breaker replacement work
220KV	Khapharkheda-Kawlewada-II	6-Mar-13	08:11	6-Mar-13	18:58	Overhead Stringing work of 765KV Tiroda-koradi-I
220KV	Khapharkheda-Kawlewada-I	6-Mar-13	08:10	6-Mar-13	18:09	Overhead Stringing work of 765KV Tiroda-koradi-I
220KV	220/132 KV 200 MVA ICT - II @ Beed	6-Mar-13	14:04	6-Mar-13	16:55	Q.M.Work
220KV	New Parli - Beed - II	6-Mar-13	10:10	6-Mar-13	16:40	Q.M.Work
220KV	Vankuswadi-KDPH	7-Mar-13	10:08	8-Mar-13	00:55	Isolator Replacement Work & Isolator Problem & Not Taken in Service.
220KV	Vankuswadi - MIDC Satara- II	7-Mar-13	10:56	7-Mar-13	20:14	Isolator Alignment Work.
220KV	Apta-Bombay Dyeing	7-Mar-13	09:54	7-Mar-13	19:58	Replacement of Isolator.
220KV	Kandalgaon - ONGC	7-Mar-13	09:02	7-Mar-13	18:15	Hot Spot & Tree Cutting Work.
220KV	Main Bus - I @ Jejuri	7-Mar-13	11:12	7-Mar-13	19:30	Testing &
220KV	Lonand - Bothe - II	7-Mar-13	15:15	7-Mar-13	15:50	New Ckt Test Charged from Lonand Side & Hand Tripped.
220KV	Pophali - KDPH	7-Mar-13	23:10	8-Mar-13	00:45	Attend Line Isolator @ KDPH End.

220KV	Nasik-Padgha	8-Mar-13	09.23	8-Mar-13	17.15	Replacement of Old Rusted Disc Insulator.
220KV	Talangaade - Mudshingi - I	8-Mar-13	09.58	8-Mar-13	15.11	Maint. of 29C Isolator & Jumper Replacement Work of 29C Isolator.
220KV	Theur - Magarpatta	8-Mar-13	13.18	8-Mar-13	15.13	Line Ckt Length Measurement by Taurus Kit.
220KV	Mudshingi - Chikodi	8-Mar-13	15.16	8-Mar-13	17.39	Distance Protection.
220KV	220/132 KV 200 MVA ICT @ Malinagar	8-Mar-13	14.34	8-Mar-13	14.35	New ICT Charged from H V Side & Kept on Humming.
220KV	Girivai - Parli - III	8-Mar-13	14.16	8-Mar-13	19.03	Replacement of Disc Insulator.
220KV	220/132 KV 150 MVA ICT @ Ambazari	8-Mar-13	16.13	9-Mar-13	03.51	Differential Protection.
220KV	Aarey - Saki - I	8-Mar-13	09.06	10-Mar-13	17.30	Shifting of Control & Relay Panel(4 Days Outage).
220KV	Main Bus - II @ Varsova	9-Mar-13	09.26	9-Mar-13	17.23	Annual Maintenance.
220KV	Trombay-Mulund	9-Mar-13	09.41	9-Mar-13	18.30	Insulator Replacement.
220KV	Malegaon - Satana - I	9-Mar-13	09.05	9-Mar-13	12.55	Q.M.WORK.
220KV	220/132 KV 200 MVA ICT - II @ Raymand	9-Mar-13	10.47	9-Mar-13	14.59	Q.M.Work.
220KV	Peth-Nigde	9-Mar-13	10.01		Continued.	Replacing Both Bus & Line Side Isolator
220KV	Theur - Magarpatta	9-Mar-13	10.22	9-Mar-13	16.41	Annual Relay Testing Work.
220KV	220/100KV 200MVA ICT-I at Talaja	9-Mar-13	14.12	9-Mar-13	17.14	Attending Work for Replacement of CT to Line Isolator Y Ph Conductor.
220KV	220/132 KV 150 MVA ICT @ Bhandara	9-Mar-13	10.05	9-Mar-13	15.05	Q.M.Work.
220KV	220/132 KV 100 MVA T/F - I @ Satara	9-Mar-13	09.40	9-Mar-13	18.03	Tan Delta Test on T/F H V L V C T'S.
220KV	Trombay - Tata Tie - I	10-Mar-13	07.41	10-Mar-13	18.46	To facilitate work of New 220KV bay at TATA end.
132KV	Mouda-DCL	3-Mar-13	01.03	4-Mar-13	17.20	B-Ph Bus PT Burst at DCL end.
132KV	Niwali-Ujni	5-Mar-13	11.50	5-Mar-13	12.04	Distance Protection operated Zone-I.
132KV	Ranjangaon-Whirpool	7-Mar-13	08.10	7-Mar-13	19.41	Re-Orientation of Whirpool Line & Bekaert Line Near Loc.No.-1.
132KV	Ranjangaon-Baekaert	7-Mar-13	08.33	7-Mar-13	19.30	Re-Orientation of Whirpool Line & Baekaert Line Near Loc.No.-1.
132KV	Ranjangaon - Kuruli	7-Mar-13	08.38	7-Mar-13	19.11	Re-Orientation of Whirpool Line & Baekaert Line Near Loc.No.-1.
132KV	Whirpool - Ismit	8-Mar-13	08.45		Continued.	Erection of Tower & D/C String of New Conductor Outage Upto 22/3/2013.
132KV	Nanded - Umri	9-Mar-13	12.50	9-Mar-13	13.10	Distance Protection.
132KV	Renapur - Latur	10-Mar-13	18.55		Continued.	Distance protection zone 1.
110KV	Kalyan-Salsette I	8-Mar-13	10.30	8-Mar-13	17.55	Attending R Ph. C T Leakage.