

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 18-Mar-13 To 24-Mar-13

Date	Monday 18-Mar-13	Tuesday 19-Mar-13	Wednesday 20-Mar-13	Thursday 21-Mar-13	Friday 22-Mar-13	Saturday 23-Mar-13	Sunday 24-Mar-13
On Line Capacity (MW)							
MSPGCL THM	5015	5060	5030	4365	4302	4232	4704
MSPGCL HY	1293	1309	1309	1309	1327	1246	1267
MSPGCL GAS	310	310	310	310	310	365	430
MSPGCL TOTAL	6618	6679	6649	5984	5939	5843	6401
Cent. Sect.(incl. RGPPL)	4865	5247	5201	5118	5365	5430	6350
MSPGCL + CS	11483	11926	11850	11102	11304	11273	12751
TPCL	1877	1877	1877	1877	1877	1877	1877
REL	500	500	500	500	500	500	500
TPCL + REL	2377	2377	2377	2377	2377	2377	2377
CPP	1174	1176	1176	1176	1170	1168	1230
STATE OLC	15034	15479	15403	14655	14851	14818	16358
Morning Peak Demand (MW)	12 Hrs	11 Hrs	12 Hrs	12 Hrs	11 Hrs	12 Hrs	11 Hrs
MSPGCL THM	5007	5009	4661	4372	4223	4244	4875
MSPGCL HY	1737	1771	1494	2140	951	978	487
MSPGCL GAS	320	318	304	307	372	402	412
MSPGCL TOTAL	7064	7098	6459	6819	5546	5624	5774
Cent. Sect.(incl. RGPPL)	6024	5869	6190	5816	6671	6564	6506
Wind	81	126	176	63	62	16	55
CPP	1519	1644	1701	1624	2036	1905	1927
TPCL Asst	-777	-705	-600	-591	-655	-494	-380
MSEDCL Catered	13911	14032	13926	13731	13660	13615	13882
Load Shedding (LS)	877	636	697	782	630	784	730
MSEDCL Demand(Incl LS)	14788	14668	14623	14513	14290	14399	14612
TPCL + REL Dem.	2878	2824	2866	2873	2844	2756	2077
State Demand (Incl LS)	17666	17492	17489	17386	17134	17155	16689
Sys. Freq. (Hz)	50.13	50	50.01	49.93	49.93	49.98	49.99
Evening Peak Demand (MW)	17 Hrs	17 Hrs	17 Hrs	17 Hrs	20 Hrs	17 Hrs	20 Hrs
MSPGCL THM	5108	5078	4385	4343	4315	4140	4927
MSPGCL HY	1003	815	811	1863	1090	959	835
MSPGCL GAS	303	304	305	313	357	413	370
MSPGCL TOTAL	6414	6197	5501	6519	5762	5512	6132
Cent. Sect.(incl. RGPPL)	6014	5966	6050	5410	5400	5894	5637
Wind	95	197	416	158	673	262	124
CPP	1529	1565	1767	1569	1927	1891	1910
TPCL Asst	-872	-758	-584	-500	-693	-401	-546
MSEDCL Catered	13180	13167	13150	13156	13116	13158	13300
Load Shedding (LS)	544	460	433	463	0	387	0
MSEDCL Demand(Incl LS)	13724	13627	13583	13619	13116	13545	13300
TPCL + REL Dem.	2854	2793	2774	2774	2730	2508	2205
State Demand (Incl LS)	16578	16420	16357	16393	15846	16053	15505
Sys. Freq. (Hz)	50.15	50.1	50.02	50.04	50.06	50.16	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	18-Mar-13	TO	24-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	18-Mar-2013		19-Mar-2013		20-Mar-2013		21-Mar-2013		22-Mar-2013		23-Mar-2013		24-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	*	3	*	3	*	3	*	3	*	3	*	5
2	KORADI	5	*	5	*	5	*	5	*	5	*	5	*	5	*
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	*	2,6	*	2,6	*	6
6	BHUSAVAL	*	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(+) 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	
18-Mar-2013	MONDAY	82.920	3455	39.492	1646	122.412	5101	129.472	5395	7.060	294
19-Mar-2013	TUESDAY	80.923	3372	45.037	1877	125.960	5248	129.986	5416	4.026	168
20-Mar-2013	WEDNESDAY	80.300	3346	47.740	1989	128.040	5335	131.930	5497	3.890	162
21-Mar-2013	THURSDAY	79.083	3295	45.839	1910	124.922	5205	128.832	5368	3.910	163
22-Mar-2013	FRIDAY	85.283	3553	49.970	2082	135.253	5636	137.971	5749	2.718	113
23-Mar-2013	SATURDAY	83.129	3464	51.967	2165	135.096	5629	137.242	5718	2.146	89
24-Mar-2013	SUNDAY	78.500	3271	53.208	2217	131.708	5488	133.181	5549	1.473	61
	TOTAL	570.138		333.253		903.391		928.614		25.223	

Details of Koyna Water Consumption (In TMC)

DATE	For the Day	For the Month	Balance
18-Mar-13	0.352	6.503	11.717
19-Mar-13	0.313	6.816	11.404
20-Mar-13	0.248	7.064	11.156
21-Mar-13	0.620	7.684	10.536
22-Mar-13	0.203	7.887	10.333
23-Mar-13	0.267	8.154	10.066
24-Mar-13	0.085	8.239	9.981

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	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	Hzs
18-Mar-13	17	5108	1003	303	6414	6014	95	1529	-872	13180	544	13724	1457	525	16034	16578	50.15
19-Mar-13	17	5078	815	304	6197	5966	197	1565	-758	13167	460	13627	1518	517	15960	16420	50.10
20-Mar-13	17	4385	811	305	5501	6050	416	1767	-584	13150	433	13583	1670	520	15924	16357	50.02
21-Mar-13	17	4343	1863	313	6519	5410	158	1569	-500	13156	463	13619	1753	521	15930	16393	50.04
22-Mar-13	20	4315	1090	357	5762	5400	673	1927	-693	13116	0	13116	1513	524	15846	15846	50.06
23-Mar-13	17	4140	959	413	5512	5894	262	1891	-401	13158	387	13545	1585	522	15666	16053	50.16
24-Mar-13	20	4927	835	370	6132	5637	124	1910	-546	13300	0	13300	1137	522	15505	15505	50.08
Maximum		5108	1863	413	6519	6050	673	1927	-401	13300	544	13724	1753	525	16034	16578	50.16
Minimum		4140	811	303	5501	5400	95	1529	-872	13116	0	13116	1137	517	15505	15505	50.02
Average		4614	1054	338	6005	5767	275	1737	-622	13175	327	13502	1519	522	15838	16165	50.09

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	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	Hzs
18-Mar-13	12	5007	1737	320	7064	6024	81	1519	-777	13911	877	14788	1574	527	16789	17666	50.13
19-Mar-13	11	5009	1771	318	7098	5869	126	1644	-705	14032	636	14668	1594	525	16856	17492	50.00
20-Mar-13	12	4661	1494	304	6459	6190	176	1701	-600	13926	697	14623	1745	521	16792	17489	50.01
21-Mar-13	12	4372	2140	307	6819	5816	63	1624	-591	13731	782	14513	1757	525	16604	17386	49.93
22-Mar-13	11	4223	951	372	5546	6671	62	2036	-655	13660	630	14290	1664	525	16504	17134	49.93
23-Mar-13	12	4244	978	402	5624	6564	16	1905	-494	13615	784	14399	1737	525	16371	17155	49.98
24-Mar-13	11	4875	487	412	5774	6506	55	1927	-380	13882	730	14612	1171	526	15959	16689	49.99
Maximum		5009	2140	412	7098	6671	176	2036	-380	14032	877	14788	1757	527	16856	17666	50.13
Minimum		4223	487	304	5546	5816	16	1519	-777	13615	630	14290	1171	521	15959	16689	49.93
Average		4627	1365	348	6341	6234	83	1765	-600	13822	734	14556	1606	525	16554	17287	50.00

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
18-Mar-13	122.155	19.953	7.649	0.129	149.886	129.472	122.412	4.242	34.875	31.516	12.625	-12.470	306.005	37.630	18.979	362.614
19-Mar-13	121.580	17.275	7.598	0.042	146.495	129.986	125.960	7.244	38.161	31.176	11.998	-13.402	308.484	37.507	19.058	365.049
20-Mar-13	114.079	16.357	7.611	0.101	138.148	131.930	128.040	10.434	39.848	32.852	12.514	-10.370	309.990	36.877	18.859	365.726
21-Mar-13	104.851	30.307	7.655	0.185	142.998	128.832	124.922	5.427	39.042	33.930	12.574	-9.365	306.929	37.106	18.762	362.797
22-Mar-13	104.083	12.483	8.245	0.235	125.046	137.971	135.253	7.551	45.146	32.997	12.582	-11.361	304.352	38.083	18.856	361.291
23-Mar-13	102.293	16.436	9.428	0.111	128.268	137.242	135.096	7.226	45.486	31.961	12.505	-9.276	308.946	35.236	18.503	362.685
24-Mar-13	115.319	7.784	9.622	0.193	132.918	133.181	131.708	5.021	45.730	26.600	12.600	-7.725	309.126	30.394	16.533	356.053
Maximum	122.155	30.307	9.622	0.235	149.886	137.971	135.253	10.434	45.730	33.930	12.625	-7.725	309.990	38.083	19.058	365.726
Minimum	102.293	7.784	7.598	0.042	125.046	128.832	122.412	4.242	34.875	26.600	11.998	-13.402	304.352	30.394	16.533	356.053
Average	112.051	17.228	8.258	0.142	137.680	132.659	129.056	6.735	41.184	31.576	12.485	-10.567	307.690	36.119	18.507	362.316

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.

Maharashtra State Load Despatch Centre, Kalwa

Information for Weekly Cabinet Meeting

For the Week

18-Mar-13

to

24-Mar-13

Demand Supply Summary

	Morning Peak (MW)	Evening Peak (MW)
Average Peak Demand	14556	13502
Average Peak Supply	13822	13175
Average Load Relief (LS)	734	327

Average Supply Summary

	Morning Peak (MW)	Evening Peak (MW)	Mus
Thermal	4627	4614	112.05
Gas	348	338	8.26
Hydro	1365	1054	17.23
CS Drawal (Total)	6234	5767	132.66
TPCL	-600	-622	-10.57

Koyna Water position

	Water in TMC Feet
Average Water Used Per Day	0.298
Balance Left	9.981
Balance Left Last Year Same Week	13.269

MSPGCL Unit Outage Position

Date	MSPGCL (in MW)		
	Planned	Forced	Total
18-Mar-13	1330	420	1750
19-Mar-13	1330	210	1540
20-Mar-13	1330	210	1540
21-Mar-13	1330	710	2040
22-Mar-13	1330	920	2250
23-Mar-13	1330	920	2250
24-Mar-13	1330	710	2040

Distressed Load Shedding

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

GENERATING UNIT OUTAGES FOR THE WEEK

FROM 18-Mar-13 TO 24-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/AOH from 06.03.2013
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.
Koyna	Unit 2	75	22-Mar-13	07.05	22-Mar-13	16.15	P.M.Work

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.
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.
Cent_Sect	Tarapur 1	80	4-Mar-13	05.30		Continued.	Pressure Pump Seal Leakage.
Uran	Unit 6	108	5-Mar-13	05:30	22-Mar-13	10.26	Gas Shortage.
CPP	Adani U-2	660	11-Mar-13	09.31	22-Mar-13	04.16	Boiler Tube Leakage.
CPP	JSW (J) U3	300	15-Mar-13	02.27	18-Mar-13	06.20	Turbine Problem.
Uran	Unit 5	108	16-Mar-13	00.26		Continued.	Gas Shortage.
Bhusawal	Unit 2	210	16-Mar-13	08.10	18-Mar-13	13.05	Boiler Tube Leakage.
CPP	IEPL	540	16-Mar-13	14:47	20-Mar-13	06:42	Tripped.
Nasik	Unit 3	210	17-Mar-13	10.20	24-Mar-13	05.00	ID Fan Problem.
REL	2	250	19-Mar-13	12.47	19-Mar-13	14.25	Over speeding of Generator.
Chandrapur	Unit 6	500	20-Mar-13	10:35	24-Mar-13	08.57	Boiler Tube Leakage.
CPP	IEPL	540	21-Mar-13	15.09	21-Mar-13	18.55	Low Drum Level
Bhusawal	Unit 5	500	21-Mar-13	09.55	22-Mar-13	02.30	Tripped
Chandrapur	Unit 2	210	21-Mar-13	22.43	23-Mar-13	21.19	Condenser Tube Leakage
Paras	Unit 4	250	22-Mar-13	09.57	22-Mar-13	11.46	Flame Failure.
Bhusawal	Unit 4	500	22-Mar-13	16.16	23-Mar-13	02.39	Class A Protection Operated.
Bhusawal	Unit 5	500	23-Mar-13	05.09	23-Mar-13	17.50	Class A Protection Operated.
Nasik	Unit 5	210	23-Mar-13	21.15		Continued.	Boiler Tube Leakage.
Koyna	Unit 1	75	23-Mar-13	20.15	24-Mar-13	01.10	Excitation Problem.

LINE OUTAGES FOR THE WEEK

FROM 18-Mar-13 TO 24-Mar-13

Voltage	Name	date_trip	time_trip	date_sync	time_sync	Reason
400KV	Deepnagar-Aurangabad-I	12-Jan-13	13.33	21-Mar-13	10.53	Over Voltage
400KV	400/220 KV 315 MVA ICT-I @ Nagothane	13-Mar-13	09.57	20-Mar-13	16.44	CTR Installation,Breaker Overhauling
400KV	Dabhol - Nagothane - I	15-Mar-13	02.39	18-Mar-13	11.25	Over Voltage,Opp. Outage Avail by RGPPL.
400KV	Kolhapur - Mapusa - II	15-Mar-13	17.10	19-Mar-13	09.30	Over Voltage.
400KV	New Koyna - Dabhol - II	17-Mar-13	05.22	18-Mar-13	08.04	Distance Protection.
400KV	Karad - Kolhapur - II	17-Mar-13	16.02	18-Mar-13	06.39	Over Voltage.
400KV	Bhusawal- Aurangabad	17-Mar-13	17.03	24-Mar-13	11.11	Over Voltage.Ready for charging at 16.26 Hrs. dt.18.03.2013.
400KV	Karad - Kolhapur - I	17-Mar-13	17.09	18-Mar-13	07.21	Over Voltage.
400KV	Kolhapur-Solapur (PG) II	17-Mar-13	16.37	21-Mar-13	10.42	Over Voltage.
400KV	Dabhol - NewKoyna - II	18-Mar-13	21.21	19-Mar-13	09.23	Over Voltage.
400KV	Karad - Kolhapur - I	18-Mar-13	17.53	19-Mar-13	06.31	Over Voltage.
400KV	400/220KV 315MVA ICT-II @ New Koyna	18-Mar-13	10.55	18-Mar-13	16.34	Ckt breaker time analysis.(Taken on TBC)
400KV	Warora-Tiroda-I	18-Mar-13	16.45	18-Mar-13	16.47	First time charge.
400KV	Kalwa-Padgha -II	18-Mar-13	17.32	18-Mar-13	19.19	Dist.Prot.Y-Ph to E.
400KV	Karad - Kolhapur - II	18-Mar-13	17.02	19-Mar-13	09.01	Over Voltage.
400KV	Warora - Tiroda - II	18-Mar-13	16.15		Continued.	Over Voltage,while charging Warora-Tiroda I first time charge.
400KV	Akola - Wardha - I	18-Mar-13	23.23	19-Mar-13	05.08	Over Voltage.
400KV	Warora-Tiroda-I	19-Mar-13	15.04	20-Mar-13	20.07	SPS testing work.(Ready for charging at 21.20 Hrs.
400KV	Padgha-Tarapur - II	19-Mar-13	09.42	19-Mar-13	19.48	Hot line washing system at switch yard at Tarapur.
400KV	Wardha (PG) - Warora - I	19-Mar-13	15.34	20-Mar-13	19.40	SPS Testing at Tiroda.(Ready for charging at 23.00Hrs.)
400KV	Karad - Kolhapur - II	19-Mar-13	17.06	20-Mar-13	06.40	Over Voltage.
400KV	Kolhapur - Mapusa - I	19-Mar-13	21.53	20-Mar-13	08.58	Over Voltage.
400KV	Dabhol-Nagothane - II	19-Mar-13	08.52	20-Mar-13	10.21	Over Voltage
400KV	Koradi-Khaparkhedha II	20-Mar-13	09.57	20-Mar-13	16.37	Gas Leakage in Breaker
400KV	Koradi - Indiabull (Nandgaonpeth)	20-Mar-13	17.51	21-Mar-13	10.07	Replacement of Y Phase EMVT (Ready for charging 22.30Hrs)
400KV	Kalwa-Padgha-II	20-Mar-13	08.34	20-Mar-13	11.47	Hot Spot(Taken on TBC)
400KV	Karad - Kolhapur - I	20-Mar-13	17.54	21-Mar-13	06.48	Over Voltage
400KV	Kolhapur - Mapusa - II	20-Mar-13	21.38	21-Mar-13	09.29	Over Voltage
400KV	Karad - Kolhapur - II	21-Mar-13	03.30	21-Mar-13	06.55	Over Voltage
400KV	Karad-Kolhapur-II	21-Mar-13	16.32	22-Mar-13	06.40	Over Voltage
400KV	Aurangabad-Deepnagar-II	21-Mar-13	11.15		Continued.	Hand Tripped
400KV	Karad - Kolhapur - I	21-Mar-13	16.20	22-Mar-13	06.48	Over Voltage
400KV	Kolhapur - Mapusa - I	21-Mar-13	16.38	22-Mar-13	08.57	Over Voltage
400KV	Parli(PG)- Solapur(PG) - I	21-Mar-13	16.35	21-Mar-13	19.36	Over Voltage
400KV	Parli(PG)- Solapur(PG) - I	21-Mar-13	20.56	21-Mar-13	22.10	Over Voltage
400KV	Kolhapur-Solapur(PGCIL)-I	21-Mar-13	21.39	22-Mar-13	10.40	Over Voltage
400KV	Koyna IV - Jejuri	21-Mar-13	09.12	21-Mar-13	19.08	Replacement of Old Insulator
400KV	Main Bus-I at Deepnagar	21-Mar-13	12.17	21-Mar-13	16.44	CVT Tan Delta Measurement
400KV	New Koyna - Dabhol - I	21-Mar-13	03.37	21-Mar-13	11.08	Over Voltage
400KV	Koradi - Indiabull (Nandgaonpeth)	22-Mar-13	06.07	23-Mar-13	10.11	Earth Wire Stringing Work.
400KV	400/220/33KV 500 MVA ICT-I At Kalwa	22-Mar-13	07.59	22-Mar-13	20.21	Replacement of B/U Relay & SFRA.
400KV	Padgha - Nagothane - I	22-Mar-13	10.18	22-Mar-13	23.17	Replacement of Main - II Relay.
400KV	400/220 KV 315 MVA ICT - I @ Aurangabad	22-Mar-13	10.50	22-Mar-13	18.09	Attending Hot Spot R Ph. L V Bushing.
400KV	Chandrapur - Parli - I	22-Mar-13	15.27	22-Mar-13	15.59	Distance Protection.
400KV	Padgha - Nagothane - II	22-Mar-13	21.08	22-Mar-13	21.30	Over Voltage,DT Recived @ Padgha.
400KV	Karad - Kolhapur - I	22-Mar-13	16.30	23-Mar-13	07.30	Over Voltage.
400KV	Dabhol - New Koyna - I	22-Mar-13	11.34	22-Mar-13	19.13	Cold Washing Insulator.
400KV	Kolhapur - Mapusa - I	22-Mar-13	16.39		Continued.	Over Voltage.
400KV	Kolhapur-Solapur(PGCIL)-I	22-Mar-13	17.12	24-Mar-13	12.31	Over Voltage.
400KV	Koradi - New Koradi	22-Mar-13	21.11	22-Mar-13	21.12	Charged First Time.
400KV	Koradi - New Koradi	22-Mar-13	21.46	23-Mar-13	09.45	Over Voltage.
400KV	Karad - Kolhapur - I	23-Mar-13	16.31	24-Mar-13	06.35	Over Voltage.
400KV	Dabhol - NewKoyna - II	23-Mar-13	09.18	23-Mar-13	19.04	Cold Washing of Insulator String.
400KV	Kolhapur - Mapusa - I	23-Mar-13	16.34		Continued.	Over Voltage.
400KV	Dabhol - Nagothane - I	23-Mar-13	20.37		Continued.	Over Voltage.
400KV	3 x 167 MVA ICT @ Warora	23-Mar-13	15.12	23-Mar-13	15.51	New ICT Taken in Service.
400KV	Dabhol - New Koyna - I	24-Mar-13	03.22	24-Mar-13	09.03	Over Voltage
400KV	Karad - Kolhapur - I	24-Mar-13	16.35		Continued.	Over Voltage.
400KV	Bhusawal- Aurangabad	24-Mar-13	18.06		Continued.	Over Voltage.
400KV	New Koyna - Dabhol - II	24-Mar-13	09.21	24-Mar-13	19.09	Cold line washing of insulator stringing.
400KV	Kolhapur-Solapur(PGCIL)-I	24-Mar-13	15.46		Continued.	Over Voltage.
220KV	Kalwa - Khargar	15-Feb-13	13.20	23-Mar-13	13.00	Mumbai strengthening work for 20 Days.Reconfigur as 220KV Khargar-Mahape.
220KV	Parli-Usmanabad	3-Mar-13	18.13	19-Mar-13	11.25	To control load on Parli ICT.
220KV	220KV Cable Borivali(M)-Gorai(R) I	5-Mar-13	04.16	20-Mar-13	23.17	H/T.
220KV	220KV Cable Borivali(M)-Gorai(R) II	5-Mar-13	04.19	20-Mar-13	23.23	H/T.

220KV	Kharghar-Nerul	12-Mar-13	06.29	19-Mar-13	14.34	Mumbai Strengthening Work.
220KV	Wardha-Rly,TSS-II	14-Mar-13	10.08	18-Mar-13	19.39	Replacement of CB & R.Y.B Ph. LA.
220KV	Dahanu-Bhoisor	16-Mar-13	13.46	18-Mar-13	13.38	Breaker Replacement Work at Bhoisor.
220KV	Kalwa-Nerul	17-Mar-13	08.11	23-Mar-13	12.48	Removing cross jumper at L.no 16-17 and fixing jumper at L.no 16 of Kharghar-Nerul line.
220KV	Versova - Arey- I	18-Mar-13	07.50	18-Mar-13	10.00	Inspection work.
220KV	M.B.Section-II at Pawas.	18-Mar-13	10.10	18-Mar-13	17.35	Cold washing work.
220KV	Miraj -Vita	18-Mar-13	11.11	18-Mar-13	14.17	Tan delta measurement of CT.
220KV	Versova - Goregaon	18-Mar-13	10.58	18-Mar-13	12.26	Inspection work.
220KV	Miraj -Chalkarajni	18-Mar-13	15.35	18-Mar-13	18.28	Tan delta measurement of CT.
220KV	Badnera-Akola Ckt.I	18-Mar-13	07.15	18-Mar-13	17.04	Decaping of Y Ph.insulator string .
220KV	Kanhan - Umred - I	18-Mar-13	11.52		Continued.	Retrofitting of distance relay.
220KV	New Paras TPS - Chikhal - II	18-Mar-13	11.25	18-Mar-13	15.45	To attend hot glow on 29D Isolator .
220KV	220KV TBC at 400KV Aurangabad	18-Mar-13	11.03	18-Mar-13	13.20	220KV CT diagnostic testing.
220KV	Murud - Girawali.	19-Mar-13	11.25	19-Mar-13	17.15	Testing work.
220KV	Apta-Tambali	19-Mar-13	11.50	19-Mar-13	16.00	Repairing damage conductor.
220KV	Main Bus @ Satara	19-Mar-13	10.40	19-Mar-13	17.55	Q.M.Work
220KV	Satara,MIDC-Wankuswadi 2	19-Mar-13	10.40	19-Mar-13	17.55	Q.M.Work.
220KV	220/132 KV 200 MVA ICT- II @ Harangul	19-Mar-13	10.03	19-Mar-13	16.39	Replacement of R ph.bushing.
220KV	220/132 KV 200 MVA ICT- II @ Kalmeshwar	19-Mar-13	11.24	19-Mar-13	17.32	Tan delta measurement work.
220KV	New Paras TPS - Akola - I	19-Mar-13	10.56	19-Mar-13	14.24	Attending hot spot R ph jumper sleeves of isolator.
220KV	TBC @ 220 KV Parli - I	19-Mar-13	09.30		Continued.	Replacement of CT under LES.
220KV	Parly - New Parly -I	20-Mar-13	09.50	20-Mar-13	16.39	Hot Spot
220KV	Pedambe - Pophali - II	20-Mar-13	11.00	20-Mar-13	13.30	Tree Cutting work
220KV	Babaleshwar - Nagar - I	20-Mar-13	15.32	20-Mar-13	16.28	Testing work
220KV	Bale-Lamboti II	20-Mar-13	15.28	20-Mar-13	23.07	Connecting CT Jumps, ready for charging at 19.18Hrs
220KV	Temghar-Colourchem	20-Mar-13	06.45	20-Mar-13	10.01	Hot Spot
220KV	220/132KV 100MVA ICT at Satara MIDC	20-Mar-13	10.31	20-Mar-13	15.28	Replacement of B Phase CT
220KV	220/100KV 200MVA ICT-IV at Kalwa	20-Mar-13	08.24		Continued.	Repl.of LV Bkr.up to 31.03.2013
220KV	Pedambe - Mahad	21-Mar-13	08.13	21-Mar-13	13.10	Preventive Bay Maintance
220KV	C' Enka - Khadki	21-Mar-13	09.14	21-Mar-13	18.30	Tan Delta of Cts
220KV	Ghodbhundar - Gorai	21-Mar-13	11.15		Continued.	Relocation of Tower(Up to 25-3-13)
220KV	Ghodbandar-Versova-II	21-Mar-13	12.10		Continued.	Relocation of Tower(Up to 25-3-13)
220KV	Hingoli-Pusad	21-Mar-13	06.42	21-Mar-13	19.30	LILO Work at Ghatodi S/S
220KV	Pusad - Nanded	21-Mar-13	05.48	21-Mar-13	19.42	LILO Work at Ghatodi S/S
220KV	Pedambe - Pophali - II	21-Mar-13	13.42	21-Mar-13	16.30	Hot Spot
220KV	Apta-Bombay Dyeing	21-Mar-13	15.06	21-Mar-13	19.27	Replacement of Damaged Conductor
220KV	P'pur-Malinagar	21-Mar-13	17.30	21-Mar-13	18.05	Replacement of Flashover Insulator
220KV	Khaparkheda-Ambazari - I	21-Mar-13	08.37	21-Mar-13	17.17	Replacement of Cut Point Gantry Disc
220KV	Kanhan - Umred - II	21-Mar-13	12.12	21-Mar-13	18.16	Tan Delta Measurement of CT
220KV	220/132KV 100MVA ICT I at Hingoli	21-Mar-13	10.45	21-Mar-13	16.20	oil Leakage
220KV	Dondaicha - Jamde - I	21-Mar-13	11.33	21-Mar-13	13.30	Measurement of Breaker Timings
220KV	Dondaicha - Jamde - II.	21-Mar-13	11.51	21-Mar-13	16.40	Measurement of Breaker Timings
220KV	220/132 KV 100 MVA ICT @ Bhandara	21-Mar-13	11.05		Continued.	Commissioning of CTR Fire Prot.System
220KV	Temghar-Colourchem	22-Mar-13	06.28	22-Mar-13	10.16	Tan Delta Measurment.
220KV	Jambhul - Anandnagar	22-Mar-13	08.03	22-Mar-13	15.29	Replacement of LA of R & Y Ph.
220KV	Pophali-New Koyna	22-Mar-13	08.40	22-Mar-13	18.45	Checking of Oil Leakage CT.
220KV	220/33KV 125 MVA T/F 4 at Ghodbandar	22-Mar-13	09.33	22-Mar-13	19.18	Annual Maint.
220KV	Talandge - Sawantwadi	22-Mar-13	09.41	22-Mar-13	12.13	Replacement of Old Insulator.
220KV	220/100 KV 200 MVA ICT- I @ Kolshet	22-Mar-13	09.58	22-Mar-13	15.44	Maint. Work.
220KV	220/132KV, 200MVA ICT-1.@Boiser	22-Mar-13	10.37	22-Mar-13	16.05	Painting of Eqpt. & R M Work.
220KV	Padgha - Jindal	22-Mar-13	08.27	22-Mar-13	18.15	Insulator Replacement.
220KV	220/132 KV 150 MVA ICT - I @ NSK.	22-Mar-13	10.31	22-Mar-13	16.05	Differential Protection.
220KV	Alephata-Kathapur	22-Mar-13	15.00	22-Mar-13	19.07	To Control Bblsr- Alephata Load.
220KV	Aurangabad - Bhenda	22-Mar-13	09.21	22-Mar-13	18.14	In View of Aurangabad ICT-I Outage.
220KV	Girivali - Parli - III	23-Mar-13	07.27	23-Mar-13	19.13	Fixing of Vibration Dampers.
220KV	Padgha - Jindal	23-Mar-13	08.46	23-Mar-13	18.27	Replacement of Insulator.
220KV	BBLSR-Waluj	23-Mar-13	08.18	23-Mar-13	19.43	Stringing of 400 KV QDS of 400 KV Bblsr Kudus Line & Crossing Work of 400 KV Pune - Arghd.
220KV	Babaleshwar - Bhenda	23-Mar-13	08.56	23-Mar-13	20.08	Stringing of 400 KV QDS of 400 KV Bblsr Kudus Line & Crossing Work of 400 KV Pune - Arghd.
220KV	Bhenda-Waluj	23-Mar-13	08.33	23-Mar-13	18.05	Stringing of 400 KV QDS of 400 KV Pune - Arghd Crossing @ LILO Tower of Bblsr-Waluj & Waluj-Bhenda @ Loc. 7 & 8.
220KV	Pedambe - Oni	23-Mar-13	08.00	23-Mar-13	17.05	Bay Maintenance Work.
220KV	220/132 KV 100 MVA ICT @ MIDC Satara	23-Mar-13	09.30	23-Mar-13	18.50	Maintenance Work.
220KV	Murud-Tuljapur	23-Mar-13	12.45	23-Mar-13	13.02	Distance Protection.
220KV	Ghodbandar - Bhoisor (MSETCL)	23-Mar-13	20.23		Continued.	To Control DTPS Boisar Dahanu L/L.
220KV	Parli-Usmanabad	24-Mar-13	07.32	24-Mar-13	18.37	To Avail Outage on 220 KV Girawali-Parli - III Line.
220KV	Khaparkheda - Kanhan - I	24-Mar-13	01.23	24-Mar-13	01.55	Dist.prot.Z-I
220KV	Khaperkheda - Ambazari - II	24-Mar-13	01.23	24-Mar-13	01.52	Dist.prot.Z-I
220KV	Parli-Girwali III	24-Mar-13	07.32	24-Mar-13	18.37	Fixing of vibration dampers on emergency basis.
220KV	220/33KV 100MVA T/F-II at Aarey	24-Mar-13	08.52	24-Mar-13	19.08	Annual maintenance.
220KV	Borivali - Tata - V	24-Mar-13	14.49	24-Mar-13	18.13	GIS Roof work in Tata Borivali end.
132KV	Pench - Kanhan	18-Mar-13	14.53	18-Mar-13	17.52	Tan delta testing.
132KV	Main Bus -I at Deepnagar	18-Mar-13	09.23	18-Mar-13	09.59	Bus bar protection operated.

132KV	Deepnagar - Yawal	18-Mar-13	09.23	18-Mar-13	10.09	Bus bar protection operated.
132KV	132/7 KV 31.5 MVA Station T/F- I at Bhusawal.	18-Mar-13	09.23	18-Mar-13	10.04	Bus bar protection operated.
132KV	Deepnagar - Jalgaon - I	18-Mar-13	09.23	18-Mar-13	10.09	Bus bar protection operated.
132KV	Deepnagar - Pachora	18-Mar-13	09.23	18-Mar-13	10.19	Bus bar protection operated.
132KV	Bhusawal - Muktainagar	18-Mar-13	09.23	18-Mar-13	10.08	Bus bar protection operated.
132KV	Deepnagar-Khadka I	18-Mar-13	09.23	18-Mar-13	10.03	Bus bar protection operated.
132KV	Akola - Paras - I	20-Mar-13	03.28	20-Mar-13	03.43	Distance Protection
132KV	Narsi-Degloor	20-Mar-13	20.30	21-Mar-13	07.25	CT Burst at Degloor
132KV	Narayangaon - Alephata	21-Mar-13	12.40	21-Mar-13	13.30	Transient Fault
132KV	Kanhan - Mouda	21-Mar-13	13.10		Continued.	Replacement of Dist.Prot.Scheme
132KV	Nasik - Simner	22-Mar-13	10.31	22-Mar-13	14.55	Distance Protection.
132KV	Achalpur - Anjangaon	22-Mar-13	18.01	22-Mar-13	18.20	Distance Protection Operated Zone-I.
132KV	Babaleshwar - Kopargaon	23-Mar-13	06.40	23-Mar-13	19.40	Olversion of Tower Due to Rahata Water Works.
132KV	Kurdwadi - Paranda	23-Mar-13	18.11	23-Mar-13	18.12	New Line 1st Time Load Taken.
132KV	Bhokharda - Rajur	23-Mar-13	17.04	23-Mar-13	17.05	New Line First Time Charge.
100KV	Kalwa - Salsette - I	18-Mar-13	08.25	18-Mar-13	13.26	Breaker replacement work.
100KV	100/22KV.50MVA T/F4 at Vasai.	18-Mar-13	17.15	18-Mar-13	17.20	First time charged.