

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 1-Apr-13 To 7-Apr-13

Date	Monday 1-Apr-13	Tuesday 2-Apr-13	Wednesday 3-Apr-13	Thursday 4-Apr-13	Friday 5-Apr-13	Saturday 6-Apr-13	Sunday 7-Apr-13
On Line Capacity (MW)							
MSPGCL THM	4425	4602	4976	5000	5334	5016	4789
MSPGCL HY	1343	1303	1303	1303	1285	1285	1325
MSPGCL GAS	480	640	440	440	440	440	440
MSPGCL TOTAL	6248	6545	6719	6743	7059	6741	6554
Cent. Sect.(incl. RGPPL)	6274	5941	4821	6402	5482	5548	5271
MSPGCL + CS	12522	12486	11540	13145	12541	12289	11825
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	1730	1730	1112	1332	1000	1655	1900
STATE OLC	16629	16593	15029	16854	15918	16321	16102
Morning Peak Demand (MW)	12 Hrs	12 Hrs	11 Hrs	11 Hrs	11 Hrs	12 Hrs	11 Hrs
MSPGCL THM	4602	4824	5176	5365	5352	5100	4792
MSPGCL HY	538	405	495	299	917	619	561
MSPGCL GAS	441	298	446	440	442	450	448
MSPGCL TOTAL	5581	5527	6117	6104	6711	6169	5801
Cent. Sect.(incl. RGPPL)	6617	6568	6514	6654	5851	5819	6048
Wind	17	183	76	109	34	58	180
CPP	2081	2335	1913	1760	1807	2494	2269
TPCL Asst	-772	-698	-646	-849	-918	-780	-627
MSEDCL Catered	13524	13915	13974	13778	13485	13760	13671
Load Shedding (LS)	747	1030	626	594	597	768	582
MSEDCL Demand(Incl LS)	14271	14945	14600	14372	14082	14528	14253
TPCL + REL Dem.	2991	2861	2723	2796	2875	2809	2054
State Demand (Incl LS)	17262	17806	17323	17168	16957	17337	16307
Sys. Freq. (Hz)	49.81	49.86	50	49.95	50.11	50.01	50.01
Evening Peak Demand (MW)	17 Hrs	17 Hrs	17 Hrs	17 Hrs	17 Hrs	17 Hrs	17 Hrs
MSPGCL THM	4521	4964	5088	5313	5136	4597	4741
MSPGCL HY	273	185	270	251	700	346	588
MSPGCL GAS	464	453	444	446	348	447	444
MSPGCL TOTAL	5258	5602	5802	6010	6184	5390	5773
Cent. Sect.(incl. RGPPL)	5985	5624	5922	5841	5325	5934	5191
Wind	509	612	432	306	148	310	492
CPP	2094	1763	1546	1837	1874	2329	2193
TPCL Asst	-673	-641	-542	-840	-898	-773	-649
MSEDCL Catered	13173	12960	13160	13154	12633	13190	13000
Load Shedding (LS)	501	958	678	456	502	453	406
MSEDCL Demand(Incl LS)	13674	13918	13838	13610	13135	13643	13406
TPCL + REL Dem.	2808	2639	2654	2814	2870	2658	2019
State Demand (Incl LS)	16482	16557	16492	16424	16005	16301	15425
Sys. Freq. (Hz)	50.01	49.95	49.9	49.92	49.9	49.91	50.01

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	1-Apr-13	TO	7-Apr-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	1-Apr-2013		2-Apr-2013		3-Apr-2013		4-Apr-2013		5-Apr-2013		6-Apr-2013		7-Apr-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	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2	KORADI	5	*	5	*	5	*	5	*	5	*	5	*	5	*
3	KHAPERKHEDA	*	5	*	5	*	*	*	*	*	*	*	*	*	*
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	3,4,5,6,7	3,5
5	CHANDRAPUR	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6	BHUSAVAL	*	4	*	*	*	*	*	*	*	*	*	*	*	*
7	PARAS	*	*	*	*	*	4	*	*	*	*	*	*	*	*

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	
1-Apr-2013	MONDAY	63.976	2666	57.699	2404	121.675	5070	124.970	5207	3.295	137
2-Apr-2013	TUESDAY	63.999	2667	49.455	2061	113.454	4727	123.030	5126	9.576	399
3-Apr-2013	WEDNESDAY	76.303	3179	46.172	1924	122.475	5103	128.871	5370	6.396	267
4-Apr-2013	THURSDAY	79.698	3321	42.242	1760	121.940	5081	124.964	5207	3.024	126
5-Apr-2013	FRIDAY	79.527	3314	30.918	1288	110.445	4602	119.604	4984	9.159	382
6-Apr-2013	SATURDAY	71.909	2996	41.992	1750	113.901	4746	123.245	5135	9.344	389
7-Apr-2013	SUNDAY	83.494	3479	39.395	1641	122.889	5120	120.530	5022	- 2.359	-98
	TOTAL	518.906		307.873		826.779		865.214		38.435	

Details of Koyna Water Consumption (In TMC)

DATE	For the Day	For the Month	Balance
1-Apr-13	0.084	0.084	8.667
2-Apr-13	0.214	0.298	8.453
3-Apr-13	0.066	0.364	8.387
4-Apr-13	0.074	0.438	8.313
5-Apr-13	0.197	0.635	8.116
6-Apr-13	0.066	0.701	8.050
7-Apr-13	0.045	0.746	8.005

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
1-Apr-13	17	4521	273	464	5258	5985	509	2094	-673	13173	501	13674	1610	525	15981	16482	50.01
2-Apr-13	17	4964	185	453	5602	5624	612	1763	-641	12960	958	13918	1474	524	15599	16557	49.95
3-Apr-13	17	5088	270	444	5802	5922	432	1546	-542	13160	678	13838	1589	523	15814	16492	49.90
4-Apr-13	17	5313	251	446	6010	5841	306	1837	-840	13154	456	13610	1454	520	15968	16424	49.92
5-Apr-13	17	5136	700	348	6184	5325	148	1874	-898	12633	502	13135	1451	521	15503	16005	49.90
6-Apr-13	17	4597	346	447	5390	5934	310	2329	-773	13190	453	13643	1364	521	15848	16301	49.91
7-Apr-13	17	4741	588	444	5773	5191	492	2193	-649	13000	406	13406	846	524	15019	15425	50.01
Maximum		5313	700	464	6184	5985	612	2329	-542	13190	958	13918	1610	525	15981	16557	50.01
Minimum		4521	185	348	5258	5191	148	1546	-898	12633	406	13135	846	520	15019	15425	49.90
Average		4909	373	435	5717	5689	401	1948	-717	13039	565	13603	1398	523	15676	16241	49.94

Supply Position During Morning Peak (MW)

Date	Time	MSEDCL Generation				Central Sector Receipt	WIND	CPP	TPCL Exch	MSEDCL Cateder Demand	Load Shedding (LS).	MSEDCL Demand (Incl LS)	TPCL Gen.	REL Gen.	State demand met	State Demand (Incl LS)	Freq.
		Thermal	Hydro	Gas	Total												
		MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	Hzs
1-Apr-13	12	4602	538	441	5581	6617	17	2081	-772	13524	747	14271	1694	525	16515	17262	49.81
2-Apr-13	12	4824	405	298	5527	6568	183	2335	-698	13915	1030	14945	1638	525	16776	17806	49.86
3-Apr-13	11	5176	495	446	6117	6514	76	1913	-646	13974	626	14600	1552	525	16697	17323	50.00
4-Apr-13	11	5365	299	440	6104	6654	109	1760	-849	13778	594	14372	1423	524	16574	17168	49.95
5-Apr-13	11	5352	917	442	6711	5851	34	1807	-918	13485	597	14082	1433	524	16360	16957	50.11
6-Apr-13	12	5100	619	450	6169	5819	58	2494	-780	13760	768	14528	1505	524	16569	17337	50.01
7-Apr-13	11	4792	561	448	5801	6048	180	2269	-627	13671	582	14253	902	525	15725	16307	50.01
Maximum		5365	917	450	6711	6654	183	2494	-627	13974	1030	14945	1694	525	16776	17806	50.11
Minimum		4602	299	298	5527	5819	17	1760	-918	13485	582	14082	902	524	15725	16307	49.81
Average		5030	548	424	6001	6296	94	2094	-756	13730	706	14436	1450	525	16459	17166	49.96

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
1-Apr-13	108.533	8.552	11.992	0.324	129.401	124.970	121.675	9.193	48.925	32.410	12.601	-11.263	301.229	37.410	18.863	357.502
2-Apr-13	114.522	13.487	10.003	0.129	138.141	123.030	113.454	11.216	48.200	31.810	12.586	-9.773	310.818	37.030	17.137	364.985
3-Apr-13	122.124	7.746	10.872	0.236	140.978	128.871	122.475	10.908	41.390	31.717	12.592	-9.404	312.743	36.569	17.142	366.454
4-Apr-13	125.196	7.084	10.561	0.302	143.143	124.964	121.940	8.454	42.987	30.384	12.572	-12.947	306.601	36.930	18.972	362.503
5-Apr-13	125.574	13.941	9.678	0.150	149.343	119.604	110.445	4.648	43.220	30.300	12.543	-14.431	302.384	37.687	19.559	359.630
6-Apr-13	118.591	6.702	10.614	0.223	136.130	123.245	113.901	7.509	52.714	29.832	12.567	-13.035	306.563	35.862	19.571	361.996
7-Apr-13	115.161	7.207	10.919	0.000	133.287	120.530	122.889	12.657	53.422	20.966	12.433	-14.078	305.816	30.483	16.994	353.293
Maximum	125.574	13.941	11.992	0.324	149.343	128.871	122.889	12.657	53.422	32.410	12.601	-9.404	312.743	37.687	19.571	366.454
Minimum	108.533	6.702	9.678	0.000	129.401	119.604	110.445	4.648	41.390	20.966	12.433	-14.431	301.229	30.483	16.994	353.293
Average	118.529	9.246	10.663	0.195	138.632	123.602	118.111	9.226	47.265	29.631	12.556	-12.133	306.593	35.996	18.320	360.909

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

For the Week **1-Apr-13** to **7-Apr-13**

Demand Supply Summary

	Morning Peak (MW)	Evening Peak (MW)
Average Peak Demand	14436	13603
Average Peak Supply	13730	13039
Average Load Relief (LS)	706	565

Average Supply Summary

	Morning Peak (MW)	Evening Peak (MW)	Mus
Thermal	5030	4909	118.53
Gas	424	435	10.66
Hydro	548	373	9.25
CS Drawal (Total)	6296	5689	123.60
TPCL	-756	-717	-12.13

Koyna Water position

	Water in TMC Feet
Average Water Used Per Day	0.107
Balance Left	8.005
Balance Left Last Year Same Week	12.036

MSPGCL Unit Outage Position

Date	MSPGCL (in MW)		
	Planned	Forced	Total
1-Apr-13	1330	1000	2330
2-Apr-13	1330	500	1830
3-Apr-13	1330	250	1580
4-Apr-13	1330	0	1330
5-Apr-13	1330	0	1330
6-Apr-13	1330	210	1540
7-Apr-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 1-Apr-13 TO 7-Apr-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.
Cent_Sect	TARAPUR-3	540	30-Mar-13	22.30		Continued.	AOH.

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	6-Apr-13	00.16	Gas shortage.
Dabhol	1X	290	2-Nov-12	16.26		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	4-Apr-13	16:34	Gas shortage.
CPP	JSW (J) U1	300	27-Feb-13	21:15	2-Apr-13	04.37	Bearing Vibration Problem.
Cent_Sect	Tarapur 1	80	4-Mar-13	05.30	6-Apr-13	10.16	Pressure Pump Seal Leakage.
Koyna	ST - IV 3	250	28-Mar-13	13.00	3-Apr-13	15.43	Sphercul Valve Oil Tank Water Ingrace Upto 03/04/2013.
Bhusawal	Unit 2	210	29-Mar-13	00.45	1-Apr-13	04.30	I D Fan Problem.
Bhusawal	Unit 4	500	29-Mar-13	14.51	1-Apr-13	20.27	Boiler Tube Leakage
CPP	WPCL U-1	135	30-Mar-13	00.10	2-Apr-13	13.24	Bottom Ash Problem.
Khaparkheda	Unit 5	500	30-Mar-13	17.23	2-Apr-13	08.09	High Furnance Pressure Tripped on Electrical Fault.
Dabhol	3A	230	31-Mar-13	12.49	2-Apr-13	16.37	Gas Shortage.
Dabhol	3X	290	31-Mar-13	12.45	2-Apr-13	21.40	Gas Shortage.
Bhusawal	Unit 5	500	1-Apr-13	23.32	2-Apr-13	18.09	Main Steam Temp. Low.
Bhusawal	Unit 3	210	1-Apr-13	09.38	1-Apr-13	11.10	Axial Shift High.
Uran	Unit 5	108	2-Apr-13	05.25	2-Apr-13	07.02	Gas Skid.
Uran	Unit 6	108	2-Apr-13	05.25	2-Apr-13	06.53	Gas Skid
Uran	Unit 7	108	2-Apr-13	05.25	2-Apr-13	06.39	Gas Skid
Uran	Unit 8	108	2-Apr-13	05.25	2-Apr-13	06.57	Gas Skid
Uran	Unit A0	120	2-Apr-13	05.25	2-Apr-13	08.48	Gas Skid
Uran	Unit B0	120	2-Apr-13	05.25	2-Apr-13	10.49	Gas Skid
CPP	Adani U-2	660	2-Apr-13	14.00	5-Apr-13	22.37	Super heater header drain valve Leakage.
Khaparkheda	Unit 5	500	2-Apr-13	08.13	2-Apr-13	12.58	Drum level low.
Paras	Unit 4	250	2-Apr-13	22.43	3-Apr-13	06.14	Super heater problem.
Uran	Unit 7	108	2-Apr-13	10.45		Continued.	Gas Restriction
CPP	JSW (J) U1	300	3-Apr-13	16.11	3-Apr-13	19.28	Vibration problem.
Koradi	Unit 6	210	3-Apr-13	08.42	4-Apr-13	06.49	I.D fan problem.
CPP	WPCL U-1	135	3-Apr-13	06.55	3-Apr-13	07.27	Flame failure.
Chandrapur	Unit 3	210	5-Apr-13	20.27	7-Apr-13	17.42	Boiler Tube Leakage.
Chandrapur	Unit 5	500	6-Apr-13	12.20		Continued.	Economiser Tube Leakage.
CPP	Adani U-2	660	6-Apr-13	00.39	6-Apr-13	04.51	Feed Water Flow Low.
CPP	VIPL	300	6-Apr-13	13.25		Continued.	Tripped.

LINE OUTAGES FOR THE WEEK

		FROM 1-Apr-13		TO 7-Apr-13		
Voltage	Name	date_trip	time_trip	date_sync	time_sync	Reason
500KV	HVDC Pole-I	4-Apr-13	18.18	4-Apr-13	21.54	CRM Measurement.
400KV	Khadka - Deepnagar - II	7-Mar-13	06.17	5-Apr-13	09.20	Over Voltage.
400KV	Warora - Tiroda - II	18-Mar-13	16.15	5-Apr-13	21.23	Over Voltage,while charging Warora-Tiroda I first time charge.
400KV	Bhusawal- Aurangabad	30-Mar-13	17.04	1-Apr-13	08.51	Over Voltage.
400KV	Wardha-Warora-II	30-Mar-13	17.59	1-Apr-13	13.10	Red Hot on Insulator.
400KV	Karad - Kolhapur - I	31-Mar-13	16.05	1-Apr-13	06.52	Over Voltage.
400KV	Kolhapur - Mapusa - I	31-Mar-13	16.10	1-Apr-13	09.01	Over Voltage.
400KV	New Koyna - Dabhol - I	31-Mar-13	16.42	1-Apr-13	09.09	Over Voltage.
400KV	Karad - Solapur (PGCIL)	31-Mar-13	17.07	1-Apr-13	06.52	Over Voltage.
400KV	Karad-Jaigad I	31-Mar-13	17.07	1-Apr-13	07.36	Over Voltage.
400KV	Wardha - Seoni - I	31-Mar-13	17.19	2-Apr-13	13.45	Over Voltage.
400KV	Karad - Newkoyna - I	1-Apr-13	09.14	2-Apr-13	06.42	Q.M.Work Ready for Charging @ 17.10 Hrs.
400KV	400/220KV,315MVA ICT-I at Karad	1-Apr-13	09.56	1-Apr-13	18.48	Hot Spot Attending & Tan Delta Testing Work.
400KV	Bhusawal- Aurangabad	1-Apr-13	16.32		Continued.	Over Voltage.
400KV	Karad - Kolhapur - I	1-Apr-13	16.39	2-Apr-13	09.06	Over Voltage.
400KV	Kolhapur-Solapur (PG) II	1-Apr-13	11.28	3-Apr-13	10.00	Over Voltage.
400KV	Kolhapur-Mapusa-II	1-Apr-13	16.33	2-Apr-13	09.00	Over Voltage.
400KV	Chandrapur - Parli - II	1-Apr-13	17.19	1-Apr-13	20.31	Dist.Prot. Y Ph. to B Ph.
400KV	Koradi - II - Indiabull	1-Apr-13	18.04	2-Apr-13	11.16	Over Voltage.
400KV	Dabhol - New Koyna - I	2-Apr-13	00.55	3-Apr-13	06.59	Over Voltage.
400KV	Padgha - Nagothane - I	2-Apr-13	09.19	2-Apr-13	18.24	Q.M.Work.
400KV	Karad - Lonikand	2-Apr-13	14.36	2-Apr-13	15.22	To Take 80 MVAR Reactor I/S.
400KV	Karad - Kolhapur - I	2-Apr-13	16.05	3-Apr-13	06.44	Over Voltage.
400KV	Wardha (PG) - Warora - I	2-Apr-13	17.06		Continued.	Over Voltage.
400KV	Wardha-Warora-II	2-Apr-13	17.03	2-Apr-13	18.18	D.T Recd.Wardha PG end.
400KV	Kolhapur - Mapusa - II	2-Apr-13	18.03	3-Apr-13	08.43	Over Voltage.
400KV	Dhule-S'Sarovar I	2-Apr-13	20.10	4-Apr-13	10.29	Over Voltage.
400KV	Seoni-Wardha-II 765KV.	2-Apr-13	18.01		Continued.	Over Voltage.
400KV	400/220KV 167MVA Spare ICT at Kalwa	2-Apr-13	11.30		Continued.	Demonstration of various megger kit.
400KV	400/220KV 315MVA ICT-II @ Aurangabad.	2-Apr-13	13.48	2-Apr-13	15.10	Jumper nuts bolt Repl work by Hot line.
400KV	Main Bus - II @ Lamboti	3-Apr-13	10.18	3-Apr-13	14.02	CVT testing.
400KV	Koradi - II - Indiabull	3-Apr-13	17.55	6-Apr-13	09.41	Over Voltage.
400KV	Karad - Kolhapur - I	3-Apr-13	16.12	4-Apr-13	06.42	Over Voltage.
400KV	Kolhapur - Mapusa - I	3-Apr-13	16.37	4-Apr-13	10.53	Over Voltage.
400KV	Kolhapur-Solapur (PG) II	3-Apr-13	17.53	6-Apr-13	09.39	Over Voltage.
400KV	400/220 KV 500 MVA ICT-I @ Deepnagar	3-Apr-13	18.16	3-Apr-13	18.42	Replacement of PDR relay.
400KV	Padgha - Nagothane - I	4-Apr-13	03.30	4-Apr-13	07.19	Over Voltage.
400KV	Lonikand - Chakan	4-Apr-13	08.01	4-Apr-13	18.52	Q.M. & Testing work.
400KV	400/220 KV 315 MVA ICT @ Bhusawal	4-Apr-13	08.25	4-Apr-13	19.45	Testing Work.
400KV	Padgha - Nagothane - I	4-Apr-13	03.30	4-Apr-13	07.21	Over Voltage.
400KV	Akola - Aurangabad - II	4-Apr-13	13.25	4-Apr-13	16.03	Hot Spot.
400KV	Kolhapur - Mapusa - II	4-Apr-13	18.03	5-Apr-13	09.53	Over voltage.
400KV	Dhule-Sar'Sarovar - II	4-Apr-13	23.52	6-Apr-13	08.42	Over Voltage.
400KV	Bhusawal - Deepnagar - I	5-Apr-13	09.26		Continued.	Over Voltage.
400KV	Karad - Kolhapur - I	5-Apr-13	18.05	6-Apr-13	07.26	Over Voltage.
400KV	Kolhapur - Mapusa - I	5-Apr-13	16.42	6-Apr-13	09.04	Over Voltage.
400KV	400/220 KV 315 MVA ICT - II @ Parli	5-Apr-13	08.36	5-Apr-13	16.34	29A & 29D Isolator & Conductor Bet.Isolator & C.B.Replacement of R & Y Ph. of 220KV Side.
400KV	400/220 KV 600 MVA ICT - IV @ Padgha	6-Apr-13	02.08	7-Apr-13	00.19	R Ph.LV Side CT of ICT-IV Burst Resulting in 220KV Bus-II Tripping.
400KV	400/220KV 315 MVA ICT- II @ Padgha	6-Apr-13	02.08	6-Apr-13	02.50	Bus Bar Protection of Bus-II Operated.
400KV	400/220 KV 315 MVA ICT- I @ Parly.	6-Apr-13	08.32	6-Apr-13	15.36	29D Line Isolator of 220KV/CB of R,Y,B Ph. CT of Y Ph.Tan Delta, SFRA Required to be Taken on ICT-I.
400KV	400/220KV 500 MVA ICT I at Lonikand Ph.II	6-Apr-13	10.13	6-Apr-13	18.30	Attending Caistro DGA System Pertaning to B Ph.
400KV	Dhule - Babhaleshwar - I	6-Apr-13	11.26		Continued.	CB Overhauling Work (Taken on TBC).
400KV	Kalwa-Kharghar	6-Apr-13	08.05	7-Apr-13	00.30	Main-I Distance Relay Replacement Work @ Kharghar.
400KV	Babaleshwar - Bhusawal	6-Apr-13	12.17	6-Apr-13	16.32	Distance Protection Operated Z-I R-E Fault.
400KV	Kolhapur-Karad -I	6-Apr-13	17.05	7-Apr-13	06.47	Over Voltage.
400KV	Kolhapur - Mapusa - II	6-Apr-13	16.22		Continued.	Over Voltage.
400KV	Newkoyna - Jaigad - I	7-Apr-13	05.09	7-Apr-13	15.00	Distance Protection.
400KV	Parli - Solapur	7-Apr-13	17.47	7-Apr-13	19.46	Over Voltage.
400KV	Karad-Kolhapur-II	7-Apr-13	16.36	8-Apr-13	07.05	Over Voltage.
400KV	Karad - Kolhapur - I	7-Apr-13	17.10		Continued.	Over Voltage.
400KV	Dhule-Sar'Sarovar - I	7-Apr-13	17.16		Continued.	Over Voltage.
400KV	400/220 KV,500MVA ICT - III at Parly	7-Apr-13	10.31	7-Apr-13	12.12	Maintenance & Testing Work.
220KV	220/100KV 200MVA ICT-IV at Kalwa	20-Mar-13	08.24	6-Apr-13	16.45	Repl of LV Bkr,up to 03.04.2013
220KV	Alephata-Kathapur	1-Apr-13	10.48	1-Apr-13	18.22	Load of Kathapur Shifted on Lnkdnd to Control Bblsr-Alephata Line.
220KV	Bale-Usmanabad	1-Apr-13	10.18	2-Apr-13	14.35	Dist.Prot. Y Ph.

220KV	220/132KV 200MVA ICT-II at Amravati	1-Apr-13	09.08	1-Apr-13	17.35	Q.M.Work,Attending Hot Spot on Isolator.
220KV	Dhule - Dondaicha	1-Apr-13	10.35	1-Apr-13	14.20	Replacement of Control & Relay Panel.
220KV	Chandrapur - Chandrapur MIDC	1-Apr-13	17.27	1-Apr-13	19.33	Sparking @ Y Ph. Line Isolator.
220KV	Chandrapur MIDC-GEPL Ckt.I	1-Apr-13	17.07	1-Apr-13	17.31	Distance Protection Operated Z-I B Ph.
220KV	Chandrapur MIDC-GEPL Ckt.I	1-Apr-13	18.01	1-Apr-13	18.21	Distance Protection Operated Z-I B Ph.
220KV	Chandrapur MIDC-GEPL Ckt.I	1-Apr-13	19.38	1-Apr-13	20.06	Distance Protection Operated Z-I B Ph.
220KV	Vita - Ghatnandre	2-Apr-13	12.23	2-Apr-13	16.50	Tan delta measurement.
220KV	KDPH-Wankuswadi	2-Apr-13	11.25	2-Apr-13	17.15	Testing of distance prot.relay and back up prot.relay.
220KV	Bus Section Bkr at Talaja	2-Apr-13	12.56	2-Apr-13	19.40	BKR.air leakage work.
220KV	Wadkhali - NDIL - I	2-Apr-13	10.25	2-Apr-13	12.40	Tree cutting.
220KV	Bus Coupler at Ambazari	2-Apr-13	11.09	2-Apr-13	16.33	Repl of Bus I,Bus II Jumpers.
220KV	Hinganghat-Bhugaon	2-Apr-13	21.50	3-Apr-13	07.34	Distance Protection.
220KV	Warora - Wardha Power - II	2-Apr-13	10.46	2-Apr-13	20.36	To install special energy meter.
220KV	Mumewadi-Halkarni-II	3-Apr-13	04.06	3-Apr-13	04.20	Distance Protection.
220KV	Borivali- Aarey	3-Apr-13	06.32	3-Apr-13	07.56	CT testing work.
220KV	220/132 KV ICT- I Nasik GCR	3-Apr-13	09.02	3-Apr-13	18.06	CT tan delta and bay maint. work.
220KV	Main Bus @ Karkumbh	3-Apr-13	09.05	3-Apr-13	15.50	Q.M.Work
220KV	Mumewadi-Halkarni-II	3-Apr-13	12.32	3-Apr-13	14.23	Replacement of insulator.
220KV	Karad-Mpeth	3-Apr-13	11.36	3-Apr-13	13.56	Relay testing work.
220KV	Vita - Lamboti	3-Apr-13	11.25	3-Apr-13	16.34	Q.M.Work
220KV	Miraj - Mhaisai	3-Apr-13	11.51	3-Apr-13	15.20	Maintenance work.
220KV	P'pur-Malinagar	3-Apr-13	16.40	3-Apr-13	18.30	Relay testing work.
220KV	Pedambe - Oni	3-Apr-13	11.53	3-Apr-13	12.15	Distance protection.
220KV	TBC @ Amravati	3-Apr-13	09.50	3-Apr-13	11.15	Attending oil leakage of Y ph.CT.
220KV	220/132 KV 200 MVA ICT - I @ Kalmeshwar	3-Apr-13	09.10	3-Apr-13	13.50	Replacement of Y ph.jumper,(ICT HV side will be shifted on TBC.)
220KV	Apta-Bombay Dyeing	4-Apr-13	08.24	4-Apr-13	19.21	Repl. of line & Bus ISO at Bombay Dyeing.
220KV	220/100 KV 150 MVA T/F-4 at Chinchwad	4-Apr-13	10.15	4-Apr-13	17.08	Tan Delta of Winding & Bushing work.
220KV	220/132 KV 150 MVA T/F - 7 at Chinchwad	4-Apr-13	10.18	4-Apr-13	18.14	Tan Delta of Winding & Bushing work.
220KV	220/132 KV 150 MVA,ICT - 6 at NSK (GCR)	4-Apr-13	08.44	4-Apr-13	16.53	Testing Work.
220KV	Wardha - Yawatmal	4-Apr-13	10.18	4-Apr-13	14.41	Line Maintenance Work.
220KV	Karad-Mudsingi-IV	4-Apr-13	10.38	4-Apr-13	13.04	Testing Work.
220KV	Babaleshwar - Alephata	4-Apr-13	11.21	4-Apr-13	20.25	Q. M. Work.
220KV	220/22KV 50MVA T/F - I @ Mahad	4-Apr-13	14.19	4-Apr-13	17.41	Differential Realy Testing Work.
220KV	Pedambe - Watter	4-Apr-13	14.45	4-Apr-13	16.55	Tan Delta Measurment Work.
220KV	Karad - Kiriwathar	4-Apr-13	14.45	4-Apr-13	16.55	CT Tan Delta Measurement.
220KV	Pophali - KDPH	4-Apr-13	22.30	5-Apr-13	00.35	For attending B-Phase Bus Isolator Female contact.
220KV	KDPH-Wankuswadi	4-Apr-13	22.25	5-Apr-13	00.10	For attending B-Phase Bus Isolator female contact.
220KV	Gorai - Borivali - II	4-Apr-13	12.03		Continued.	Safety Purpose,(to work of 220 KV Gorai-Borivali - I Work.)
220KV	Padgha-Vasai	5-Apr-13	08.36	5-Apr-13	19.35	Q.M.Work & Testing Work.
220KV	Padgha-Kamba	5-Apr-13	09.13	5-Apr-13	19.10	Replacement of Insulator @ Loc No.29.
220KV	Kalwa - Khargar	5-Apr-13	10.52		Continued.	Mumbai Stringing Work.
220KV	Dhule - Malegaon	5-Apr-13	11.24	5-Apr-13	15.27	Q. M. Work.
220KV	Pedambe - Oni	5-Apr-13	08.30	5-Apr-13	17.20	Emergency Tree Cutting.
220KV	Uran - Apta (HOC)	5-Apr-13	10.28	5-Apr-13	17.46	Hot Spot.
220KV	220/132,200 MVA ICT-2 AT Nasik GCR	5-Apr-13	09.00	5-Apr-13	17.50	Maintenance & Testing Work.
220KV	Karad-Oglewadi-I	5-Apr-13	10.44	5-Apr-13	13.12	Testing Work.
220KV	Karad - Ogalewadi - II	5-Apr-13	14.30	5-Apr-13	20.11	Testing Work.
220KV	Mudshingi - Chikodi	5-Apr-13	13.30	6-Apr-13	08.35	Q. M. Work.
220KV	Padghe - Nashik - II	6-Apr-13	02.08	6-Apr-13	02.51	Bus Bar Protection of Bus-II Operated.
220KV	Padgha-Jambhul II	6-Apr-13	02.08	6-Apr-13	02.52	Bus Bar Protection of Bus-II Operated.
220KV	Padgha - Temghar - II	6-Apr-13	02.08	6-Apr-13	02.51	Bus Bar Protection of Bus-II Operated.
220KV	Padgha-Wada	6-Apr-13	02.08	6-Apr-13	02.54	Bus Bar Protection of Bus-II Operated.
220KV	Padgha-Vasai	6-Apr-13	02.08	6-Apr-13	04.14	Bus Bar Protection of Bus-II Operated.
220KV	220/100KV 200 MVA ICT- II @ Padgha	6-Apr-13	02.08	6-Apr-13	02.53	Bus Bar Protection of Bus-II Operated.
220KV	220/100KV 200 MVA ICT- III @ Padgha	6-Apr-13	02.08	6-Apr-13	02.38	Bus Bar Protection of Bus-II Operated.
220KV	220/22 KV 50 MVA T/F @ Padgha	6-Apr-13	02.08	6-Apr-13	02.56	Bus Bar Protection of Bus-II Operated.
220KV	Bus Coupler at Padgha	6-Apr-13	02.08	6-Apr-13	02.50	Bus Bar Protection of Bus-II Operated.
220KV	Bus - II @ Padgha	6-Apr-13	02.08	6-Apr-13	02.51	Bus Bar Protection of Bus-II Operated.
220KV	Babaleshwar - Nagar - I	6-Apr-13	08.52	6-Apr-13	16.50	Q.M.Work.
220KV	220/132 KV 200 MVA ICT - I @ Babaleshwar	6-Apr-13	08.55	6-Apr-13	13.06	Q.M.Work
220KV	Malegaon - Satana - II	6-Apr-13	09.53	6-Apr-13	13.47	Repl.of Disk Insulator.
220KV	Pirangut - Kandalgaon	6-Apr-13	10.20	6-Apr-13	10.32	Distance Protection.
220KV	Padgha-Vasai	6-Apr-13	07.14	6-Apr-13	22.29	Tripped.
220KV	Bhugaon-Wardha	6-Apr-13	09.32	6-Apr-13	15.07	Replacement of R & y Ph.LA.
220KV	Murud - Girawali.	6-Apr-13	08.28		Continued.	In View of Parly ICT Outage.
220KV	Wardha-Abhijeet I	6-Apr-13	10.59	6-Apr-13	14.39	To Control 220KV Wardha-Yeotmal Line Loading.
220KV	Wardha-Abhijeet II	6-Apr-13	10.56	6-Apr-13	14.39	To Control 220KV Wardha-Yeotmal Line Loading.
220KV	220/132 KV 200MVA ICT I at Girwali	6-Apr-13	11.08	6-Apr-13	15.48	LV Side Hand Tripped to Reduce 220KV Bus Sectionaliser Current.
220KV	Tarapur - Borivali	6-Apr-13	21.32	7-Apr-13	17.30	Distance Protection.
220KV	Girwali - Parthani	7-Apr-13	09.55	7-Apr-13	12.15	In View of Parly ICT Outage.
220KV	Trombay - Tata Tie - I	7-Apr-13	08.33	7-Apr-13	21.23	Bus C/V Testing @ Trombay.

220KV	Borivali (MSEB)- Borivali (T)	7-Apr-13	10.18	7-Apr-13	17.58	GIS Roof Work in Vicinity of Line @ Tata Borivali End.
220KV	ONGC-JNPT	7-Apr-13	05.46	7-Apr-13	07.50	Distance Protection.
220KV	Pusad-Nanded	7-Apr-13	09.42	7-Apr-13	12.21	In View of Parli ICT Outage.
220KV	Uran - JNPT	7-Apr-13	05.46	7-Apr-13	08.02	Transient Fault.
132KV	Whirlpool - Ismit	8-Mar-13	08.45	6-Apr-13	17.36	Erection of Tower & D/C String of New Conductor Outage Upto 30/3/2013.
132KV	Yavatmal - Panderkawada	2-Apr-13	18.10	2-Apr-13	18.30	Distance Protection.
132KV	Waghala-Umri II	2-Apr-13	21.52	2-Apr-13	22.07	Distance Protection.
132KV	Chikali - Mehkar	3-Apr-13	08.02	3-Apr-13	08.25	Distance protection operated Zone 1.
132KV	Waghala- Jangamwadi	5-Apr-13	14.50	5-Apr-13	20.10	Distance Protection Operated Z-I Y Ph.
110KV	Kalwa-Kalyan-Salsette - I	5-Apr-13	08.56	5-Apr-13	17.36	Insulator Cleaning.