

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 25-Mar-13 To 31-Mar-13

Date	Monday 25-Mar-13	Tuesday 26-Mar-13	Wednesday 27-Mar-13	Thursday 28-Mar-13	Friday 29-Mar-13	Saturday 30-Mar-13	Sunday 31-Mar-13
On Line Capacity (MW)							
MSPGCL THM	4987	5269	5073	5175	5079	4860	3980
MSPGCL HY	1307	1310	1307	1264	1245	1289	1323
MSPGCL GAS	410	410	450	540	470	370	370
MSPGCL TOTAL	6704	6989	6830	6979	6794	6519	5673
Cent. Sect.(incl. RGPPL)	4889	5080	4203	5159	4845	4603	4757
MSPGCL + CS	11593	12069	11033	12138	11639	11122	10430
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	1180	1178	1165	1163	1163	1021	1015
STATE OLC	15150	15624	14575	15678	15179	14520	13822
Morning Peak Demand (MW)	12 Hrs	12 Hrs	11 Hrs	12 Hrs	12 Hrs	11 Hrs	12 Hrs
MSPGCL THM	5456	5442	5287	5402	5119	4786	3973
MSPGCL HY	827	915	252	898	588	948	997
MSPGCL GAS	406	415	268	485	428	384	388
MSPGCL TOTAL	6689	6772	5807	6785	6135	6118	5358
Cent. Sect.(incl. RGPPL)	5999	6015	4964	5814	5397	5936	6102
Wind	27	17	47	37	95	102	19
CPP	2220	2205	1980	1611	2187	2095	2047
TPCL Asst	-718	-903	-351	-911	-639	-653	-496
MSEDCL Catered	14217	14106	12447	13363	13175	13598	13030
Load Shedding (LS)	856	799	0	796	650	659	857
MSEDCL Demand(Incl LS)	15073	14905	12447	14159	13825	14257	13887
TPCL + REL Dem.	2933	2928	1773	2879	2572	2624	2126
State Demand (Incl LS)	18006	17833	14220	17038	16397	16881	16013
Sys. Freq. (Hz)	50	50.05	50.17	50.05	50	49.93	49.89
Evening Peak Demand (MW)	17 Hrs	17 Hrs	20 Hrs	17 Hrs	17 Hrs	17 Hrs	17 Hrs
MSPGCL THM	5392	5353	4895	4929	4354	4639	4161
MSPGCL HY	973	681	366	619	1025	1313	782
MSPGCL GAS	406	429	426	480	268	384	436
MSPGCL TOTAL	6771	6463	5687	6028	5647	6336	5379
Cent. Sect.(incl. RGPPL)	5061	5260	4664	5357	4589	5266	4791
Wind	181	485	610	523	324	139	200
CPP	2210	2208	1696	1740	2185	2080	2048
TPCL Asst	-691	-961	-769	-895	-546	-654	-386
MSEDCL Catered	13532	13500	11940	12753	12199	13167	12032
Load Shedding (LS)	376	442	0	496	472	421	675
MSEDCL Demand(Incl LS)	13908	13942	11940	13249	12671	13588	12707
TPCL + REL Dem.	2834	2765	2021	2755	2429	2511	2002
State Demand (Incl LS)	16742	16707	13961	16004	15100	16099	14709
Sys. Freq. (Hz)	50.07	50.25	50.07	50.11	50.05	49.96	50.1

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	25-Mar-13	TO	31-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	25-Mar-2013		26-Mar-2013		27-Mar-2013		28-Mar-2013		29-Mar-2013		30-Mar-2013		31-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	*	5	*	*	*	*	*	*	*	*	*	*	*	4
2	KORADI	5	*	5	*	5	*	5	*	5	*	5	*	5	*
3	KHAPERKHEDA	*	*	*	*	*	*	*	*	*	*	*	*	*	2,5
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	*	3,4,5,6,7	*
5	CHANDRAPUR	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6	BHUSAVAL	*	*	*	*	*	*	*	*	*	2	*	2,4	*	2,4
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	
25-Mar-2013	MONDAY	83.584	3483	36.194	1508	119.778	4991	120.824	5034	1.046	44
26-Mar-2013	TUESDAY	78.085	3254	38.204	1592	116.289	4845	120.414	5017	4.125	172
27-Mar-2013	WEDNESDAY	74.133	3089	26.455	1102	100.588	4191	105.616	4401	5.028	210
28-Mar-2013	THURSDAY	74.684	3112	35.436	1477	110.120	4588	111.581	4649	1.461	61
29-Mar-2013	FRIDAY	82.286	3429	29.757	1240	112.043	4668	110.925	4622	-1.118	-47
30-Mar-2013	SATURDAY	69.347	2889	45.475	1895	114.822	4784	118.949	4956	4.127	172
31-Mar-2013	SUNDAY	66.674	2778	53.203	2217	119.877	4995	122.753	5115	2.876	120
	TOTAL	528.793		264.724		793.517		811.062		17.545	

Details of Koyna Water Consumption (In TMC)

DATE	For the Day	For the Month	Balance
25-Mar-13	0.231	8.470	9.750
26-Mar-13	0.145	8.615	9.605
27-Mar-13	0.038	8.653	9.567
28-Mar-13	0.109	8.762	9.458
29-Mar-13	0.132	8.894	9.326
30-Mar-13	0.340	9.234	8.986
31-Mar-13	0.235	9.469	8.751

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
25-Mar-13	17	5392	973	406	6771	5061	181	2210	-691	13532	376	13908	1619	524	16366	16742	50.07
26-Mar-13	17	5353	681	429	6463	5260	485	2208	-961	13500	442	13942	1279	525	16265	16707	50.25
27-Mar-13	20	4895	366	426	5687	4664	610	1696	-769	11940	0	11940	856	396	13961	13961	50.07
28-Mar-13	17	4929	619	480	6028	5357	523	1740	-895	12753	496	13249	1333	527	15508	16004	50.11
29-Mar-13	17	4354	1025	268	5647	4589	324	2185	-546	12199	472	12671	1355	528	14628	15100	50.05
30-Mar-13	17	4639	1313	384	6336	5266	139	2080	-654	13167	421	13588	1330	527	15678	16099	49.96
31-Mar-13	17	4161	782	436	5379	4791	200	2048	-386	12032	675	12707	1089	527	14034	14709	50.10
Maximum		5392	1313	480	6771	5357	610	2210	-386	13532	675	13942	1619	528	16366	16742	50.25
Minimum		4161	366	268	5379	4589	139	1696	-961	11940	0	11940	856	396	13961	13961	49.96
Average		4818	823	404	6044	4998	352	2024	-700	12732	412	13144	1266	508	15206	15617	50.09

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
25-Mar-13	12	5456	827	406	6689	5999	27	2220	-718	14217	856	15073	1688	527	17150	18006	50.00
26-Mar-13	12	5442	915	415	6772	6015	17	2205	-903	14106	799	14905	1506	519	17034	17833	50.05
27-Mar-13	11	5287	252	268	5807	4964	47	1980	-351	12447	0	12447	897	525	14220	14220	50.17
28-Mar-13	12	5402	898	485	6785	5814	37	1611	-911	13363	796	14159	1441	527	16242	17038	50.05
29-Mar-13	12	5119	588	428	6135	5397	95	2187	-639	13175	650	13825	1406	527	15747	16397	50.00
30-Mar-13	11	4786	948	384	6118	5936	102	2095	-653	13598	659	14257	1445	526	16222	16881	49.93
31-Mar-13	12	3973	997	388	5358	6102	19	2047	-496	13030	857	13887	1104	526	15156	16013	49.89
Maximum		5456	997	485	6785	6102	102	2220	-351	14217	857	15073	1688	527	17150	18006	50.17
Minimum		3973	252	268	5358	4964	17	1611	-911	12447	0	12447	897	519	14220	14220	49.89
Average		5066	775	396	6238	5747	49	2049	-667	13419	660	14079	1355	525	15967	16627	50.01

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
25-Mar-13	125.704	15.606	9.594	0.102	151.006	120.824	119.778	3.847	51.458	32.525	12.611	-11.558	315.577	37.355	19.337	372.269
26-Mar-13	127.802	10.828	10.188	0.235	149.053	120.414	116.289	6.737	53.181	30.104	12.619	-13.576	315.809	37.274	19.024	372.107
27-Mar-13	124.001	6.002	9.100	0.144	139.247	105.616	100.588	7.848	45.458	21.929	11.719	-10.012	288.157	28.555	15.103	331.815
28-Mar-13	126.504	10.125	12.266	0.089	148.984	111.581	110.120	8.334	40.618	27.699	12.138	-15.193	294.327	36.566	18.464	349.357
29-Mar-13	116.584	10.942	9.360	0.041	136.927	110.925	112.043	7.211	51.162	28.548	12.646	-10.256	295.969	33.657	17.793	347.419
30-Mar-13	109.216	18.843	9.189	0.183	137.431	118.949	114.822	4.935	49.778	28.992	12.651	-10.912	300.181	34.543	18.011	352.735
31-Mar-13	98.579	13.631	9.827	0.156	122.193	122.753	119.877	4.791	49.160	26.240	12.639	-7.608	291.289	30.322	16.165	337.776
Maximum	127.802	18.843	12.266	0.235	151.006	122.753	119.877	8.334	53.181	32.525	12.651	-7.608	315.809	37.355	19.337	372.269
Minimum	98.579	6.002	9.100	0.041	122.193	105.616	100.588	3.847	40.618	21.929	11.719	-15.193	288.157	28.555	15.103	331.815
Average	118.341	12.282	9.932	0.136	140.692	115.866	113.360	6.243	48.688	28.005	12.432	-11.302	300.187	34.039	17.700	351.925

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.

Maharashtra State Load Despatch Centre, Kalwa

Information for Weekly Cabinet Meeting

For the Week

25-Mar-13

to

31-Mar-13

Demand Supply Summary

	Morning Peak (MW)	Evening Peak (MW)
Average Peak Demand	14079	13144
Average Peak Supply	13419	12732
Average Load Relief (LS)	660	412

Average Supply Summary

	Morning Peak (MW)	Evening Peak (MW)	Mus
Thermal	5066	4818	118.34
Gas	396	404	9.93
Hydro	775	823	12.28
CS Drawal (Total)	5747	4998	115.87
TPCL	-667	-700	-11.30

Koyna Water position

	Water in TMC Feet
Average Water Used Per Day	0.176
Balance Left	8.751
Balance Left Last Year Same Week	12.643

MSPGCL Unit Outage Position

Date	MSPGCL (in MW)		
	Planned	Forced	Total
25-Mar-13	1330	210	1540
26-Mar-13	1330	0	1330
27-Mar-13	1330	0	1330
28-Mar-13	1330	0	1330
29-Mar-13	1330	210	1540
30-Mar-13	1330	710	2040
31-Mar-13	1330	1630	2960

Distressed Load Shedding

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

GENERATING UNIT OUTAGES FOR THE WEEK

FROM 25-Mar-13 TO 31-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 9	80	28-Mar-13	11.00	28-Mar-13	18.30	R.M.Work.
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		Continued.	Gas shortage.
Dabhol	1X	290	2-Nov-12	16.26		Continued.	Gas shortage.
Dabhol	3A	230	3-Dec-12	21.23	30-Mar-13	13.10	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	30-Mar-13	13.08	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 5	108	16-Mar-13	00.26	26-Mar-13	18.33	Gas Shortage.
Nasik	Unit 5	210	23-Mar-13	21.15	26-Mar-13	00.55	Boiler Tube Leakage.
CPP	Adani U-2	660	27-Mar-13	19.33	28-Mar-13	15.28	Due to tripping of TDBFP
Uran	Unit 7	108	27-Mar-13	05.24	27-Mar-13	09.32	Feed Water Pump card failure
Uran	Unit 8	108	27-Mar-13	05.24	27-Mar-13	16.04	Feed Water Pump card failure
Uran	Unit B0	120	27-Mar-13	05.24	27-Mar-13	15.01	Feed Water Pump card failure
Koyna	Unit 2	75	27-Mar-13	20.05	29-Mar-13	20.45	Replacement of TGB Cooler.
Bhusawal	Unit 4	500	28-Mar-13	15.42	28-Mar-13	17.57	Class A Protection.
Koyna	ST - IV 3	250	28-Mar-13	13.00		Continued.	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 5	500	29-Mar-13	20.10	30-Mar-13	04.43	Class A Protection Operated.
Bhusawal	Unit 5	500	29-Mar-13	12.23	29-Mar-13	18.50	Coal Mill Duct Problem.
Uran	Unit 5	108	29-Mar-13	11.44	29-Mar-13	13.44	Gas Skide Problem.
Uran	Unit 6	108	29-Mar-13	11.44	29-Mar-13	12.32	Gas Skide Problem.
Uran	Unit 7	108	29-Mar-13	11.44	29-Mar-13	12.14	Gas Skide Problem.
Uran	Unit 8	108	29-Mar-13	11.44	29-Mar-13	12.34	Gas Skide Problem.
Uran	Unit A0	120	29-Mar-13	11.44	30-Mar-13	00.12	Gas Skide Problem.
Uran	Unit B0	120	29-Mar-13	11.44	29-Mar-13	14.23	Gas Skide Problem.
CPP	WPCL U-1	135	30-Mar-13	00.10		Continued.	Bottam Ash Problem.
Khaparkheda	Unit 2	210	30-Mar-13	10.10	31-Mar-13	21.02	High Furnace Pressure.
Khaparkheda	Unit 5	500	30-Mar-13	17.23		Continued.	High Furnace Pressure Tripped on Electrical Fault.
Nasik	Unit 4	210	30-Mar-13	15.55	31-Mar-13	15.24	Air Heater Problem.
Bhusawal	Unit 5	500	30-Mar-13	22.32	31-Mar-13	01.35	Drum Level Low.
Dabhol	3A	230	31-Mar-13	12.49		Continued.	Gas Shortage.
Dabhol	3X	290	31-Mar-13	12.45		Continued.	Gas Shortage.

LINE OUTAGES FOR THE WEEK

FROM 25-Mar-13 TO 31-Mar-13

Voltage	Name	date_trip	time_trip	date_sync	time_sync	Reason
500KV	Chandrapur-Padaghe Pole - II	30-Mar-13	13.58	30-Mar-13	17.09	Cooling System of Pole-II T/F Failed.
400KV	50 MVAR Line Reactor on 400 KV Parly Ckt.-III at Chandrapur	20-Mar-12	11.50	28-Mar-13	13.34	High tan delta of bushing.
400KV	Warora - Deoli - II	8-Mar-13	13.07	28-Mar-13	16.00	Hand Tripped,Charged Upto Dead End Tower @ 12.52 Hrs on 8.3.2013.
400KV	Seoni-Wardha-II 765KV.	17-Mar-13	17.46	31-Mar-13	12.40	Over Voltage.
400KV	Kolhapur - Mapusa - I	23-Mar-13	16.34	25-Mar-13	09.26	Over Voltage.
400KV	Dabhol - Nagothane - I	23-Mar-13	20.37	25-Mar-13	11.06	Over Voltage.
400KV	Karad - Kolhapur - I	24-Mar-13	16.35	25-Mar-13	08.19	Over Voltage.
400KV	Bhusawal- Aurangabad	24-Mar-13	18.06	25-Mar-13	10.23	Over Voltage.
400KV	Kolhapur-Solapur(PGCIL)-I	24-Mar-13	15.46	26-Mar-13	11.34	Over Voltage.
400KV	New Koyna - Dabhol - II	25-Mar-13	11.28	25-Mar-13	19.25	Cold line washing of insulator string.
400KV	Karad - Kolhapur - I	25-Mar-13	17.27	26-Mar-13	07.06	Over Voltage.
400KV	Dhule-S'Sarovar I	25-Mar-13	00.34	25-Mar-13	09.12	Over Voltage.
400KV	Bhusawal- Aurangabad	25-Mar-13	17.06	26-Mar-13	09.54	Over Voltage.
400KV	Kolhapur - Mapusa - I	25-Mar-13	16.41	26-Mar-13	08.52	Over Voltage.
400KV	Bus Coupler @ Kharghar	26-Mar-13	08.40	26-Mar-13	16.49	Relay testing work.
400KV	Dhule - S'Sarovar - II	26-Mar-13	00.38	26-Mar-13	07.24	Over Voltage.
400KV	Dabhol - Nagothane - I	26-Mar-13	00.36	26-Mar-13	07.36	Over Voltage.
400KV	Bhusawal- Aurangabad	26-Mar-13	17.07	28-Mar-13	11.23	Over Voltage.
400KV	Kolhapur-Mapusa-II	26-Mar-13	17.06	28-Mar-13	08.19	Over Voltage.
400KV	Dabhol - New Koyna - I	26-Mar-13	10.23	28-Mar-13	19.03	Over Voltage.(Ready for charging from 19.35 Hrs.)
400KV	Karad - Kolhapur - I	26-Mar-13	16.33	27-Mar-13	07.08	Over Voltage.
400KV	Karad - Kolhapur - II	26-Mar-13	17.03	27-Mar-13	08.48	Over Voltage.
400KV	400/220 KV 600 MVA ICT - IV @ Padgha	26-Mar-13	18.06	27-Mar-13	13.00	ICT-4 R ph.LV CT Burst.
400KV	Kolhapur-Solapur (PG) II	26-Mar-13	21.57	31-Mar-13	22.50	Over Voltage.
400KV	Dhule-Sar'Sarovar - I	26-Mar-13	23.17	28-Mar-13	09.27	Over Voltage.
400KV	Parli - Solapur	27-Mar-13	17.49	27-Mar-13	18.47	Over Voltage.
400KV	Karad - Solapur (PGCIL)	27-Mar-13	18.01	27-Mar-13	19.14	Over Voltage.
400KV	Karad - Kolhapur - I	27-Mar-13	16.05	28-Mar-13	08.27	Over Voltage.
400KV	Karad-Kolhapur-II	27-Mar-13	17.05	28-Mar-13	08.12	Over Voltage.
400KV	Lonikand- Koyna Stage IV	27-Mar-13	22.41	28-Mar-13	07.39	Over Voltage.
400KV	Karad-Jaigad I	27-Mar-13	22.44	28-Mar-13	07.23	Over Voltage.
400KV	Karad - Newkoyna - I	27-Mar-13	17.09	28-Mar-13	11.25	Over Voltage.
400KV	Padgha - Nagothane - II	27-Mar-13	17.11	27-Mar-13	19.11	Over Voltage.
400KV	Lamboti - Solapur (PGCIL)	27-Mar-13	12.24	27-Mar-13	19.05	Tan Delta Measurement
400KV	Padgha - Nagothane - I	28-Mar-13	03.53	28-Mar-13	08.41	Over Voltage.
400KV	Padgha - Nagothane - II	28-Mar-13	03.10	28-Mar-13	08.13	Over Voltage.
400KV	Main Bus-II at Deepnagar	28-Mar-13	11.49	28-Mar-13	14.32	Ten Delta Measurment of CVT's.
400KV	Chandrapur - Parli - III	28-Mar-13	13.01	28-Mar-13	13.34	To Take Line Reactor in Service.
400KV	Karad - Kolhapur - I	28-Mar-13	18.13	29-Mar-13	08.02	Over Voltage.
400KV	Kolhapur - Mapusa - I	28-Mar-13	17.08	29-Mar-13	09.06	Over Voltage.
400KV	Akola - Wardha - I	28-Mar-13	17.31	28-Mar-13	18.42	Over Voltage.
400KV	Akola - Indiabull (Nandgaonpeth)	28-Mar-13	09.13	28-Mar-13	17.46	Testing Work of Breaker Q.M.Work.
400KV	Bhusawal- Aurangabad	28-Mar-13	17.40	30-Mar-13	10.27	Over Voltage.
400KV	New Koyna - Karad - I	29-Mar-13	03.17	29-Mar-13	10.21	Over Voltage.
400KV	Dhule-Sar'Sarovar - II	29-Mar-13	02.16	29-Mar-13	10.31	Over Voltage.
400KV	Karad - Lonikand	29-Mar-13	17.32	30-Mar-13	09.20	Distance Protection.
400KV	Karad - Kolhapur - II	29-Mar-13	16.37	30-Mar-13	09.52	Over Voltage.
400KV	Kolhapur - Mapusa - I	29-Mar-13	16.06	30-Mar-13	10.08	Over Voltage.
400KV	Akola - Aurangabad - I	29-Mar-13	09.25	29-Mar-13	15.47	Q.M.Work (Ckt Will be in Service Through Tie Bay).
400KV	Chandrapur - Parli - I	30-Mar-13	07.24	30-Mar-13	17.01	For LILO OF Chandrapur - II S/S.
400KV	New Koyna - Koyna Stage IV - II	30-Mar-13	09.15	30-Mar-13	12.22	Attending C T Oil Leakage.
400KV	Main Bus - I @ Lamboti.	30-Mar-13	10.02	30-Mar-13	13.26	Main Bus-I CVT Testing.
400KV	Main Bus-II at Khaperkheda	30-Mar-13	10.10	30-Mar-13	15.26	Tan Delta Measurement of Bus CVT.
400KV	Koradi-Khaparkheda-I	30-Mar-13	09.56	30-Mar-13	15.30	Maint. Work.
400KV	400/220 KV 500 MVA ICT - II at Khaparkheda	30-Mar-13	10.01	30-Mar-13	15.36	Maint. Work of ICT-II Bay Isol.
400KV	Chandrapur - Parli - I	30-Mar-13	17.06	30-Mar-13	20.30	To Change as Original.
400KV	Bhusawal- Aurangabad	30-Mar-13	17.04		Continued.	Over Voltage.
400KV	Karad - Kolhapur - II	30-Mar-13	21.24	31-Mar-13	07.34	Over Voltage.
400KV	Kolhapur-Mapusa-II	30-Mar-13	16.35	31-Mar-13	10.14	Over Voltage.
400KV	Wardha-Warora-II	30-Mar-13	17.59		Continued.	Red Hot on Insulator.
400KV	Bus Section - II @ Chandrapur - II	30-Mar-13	16.45	30-Mar-13	16.46	First Time Charged.
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		Continued.	Over Voltage.
400KV	New Koyna - Dabhol - I	31-Mar-13	16.42		Continued.	Over Voltage.
400KV	Karad - Solapur (PGCIL)	31-Mar-13	17.07		Continued.	Over Voltage.

400KV	Karad - Kolhapur - II	31-Mar-13	16.33	31-Mar-13	22.39	Over Voltage.
400KV	Jejuri-Koyna STG-IV	31-Mar-13	16.58	31-Mar-13	18.58	Over Voltage.
400KV	Karad-Jaigad I	31-Mar-13	17.07		Continued.	Over Voltage.
400KV	Wardha - Seoni - I	31-Mar-13	17.19		Continued.	Over Voltage.
220KV	Borivali(M)-Borivali(Rel) 1	12-Mar-13	04.09	31-Mar-13	11.54	Hand Tripped
220KV	Borivali(M)-Borivali(Rel)2	12-Mar-13	04.19	31-Mar-13	12.07	Hand Tripped
220KV	Ghodbhundar - Gorai	21-Mar-13	11.15	27-Mar-13	03.09	Relocation of Tower(Up to 25-3-13)
220KV	Ghodbandar-Versova-II	21-Mar-13	12.10	27-Mar-13	02.53	Relocation of Tower(Up to 25-3-13)
220KV	Ghodbandar - Bhoisor (MSETCL)	23-Mar-13	20.23	27-Mar-13	03.15	To Control DTPS Boisar Dahanu L/L.
220KV	Padgha-Kamba	25-Mar-13	02.31	25-Mar-13	03.05	Tripped at Padgha end only.
220KV	Kandalgaon - Topworth	25-Mar-13	10.40	25-Mar-13	22.50	CT & M.K.Box commissioning work under Jica scheme at K'gaon.
220KV	Satara MIDC-Vankushwadi-I	25-Mar-13	09.45	25-Mar-13	18.32	CT Tan Delta Measurement.
220KV	Lonand - Bothe (Surwadi)	25-Mar-13	19.22		Continued.	H/T
220KV	Padgha-Vasai	25-Mar-13	15.12		Continued.	On TBC at Padgha for Bkr repl. work.
220KV	Alephata-Kathapur	25-Mar-13	10.41	25-Mar-13	17.45	To control line loading.
220KV	Karad-Pedambe	25-Mar-13	11.10	25-Mar-13	17.35	Repl of insulator.
220KV	Girawli - Parly - IV	25-Mar-13	07.15	25-Mar-13	18.36	Fixing of vibration dampers.
220KV	Akola - Badnera - I	25-Mar-13	09.50	25-Mar-13	16.25	Measurement of tan delta.
220KV	Badnera-Amravati	25-Mar-13	10.01	25-Mar-13	16.23	Repl of Y-Ph, and Repl of B-Ph BUS I & BUS II Interconnector Jumper.
220KV	220/132KV 200MVA ICT-I at Chikhali	25-Mar-13	11.56	25-Mar-13	16.28	Tan delta of HV and LV side bushing and CT's, SFRA and R.M.Work.
220KV	Pedambe-Newkoyna	26-Mar-13	08.23	26-Mar-13	17.25	Preventive bay maint. work.
220KV	Kandalgaon - Dasturi	26-Mar-13	08.20	26-Mar-13	22.50	For commissioning of 3 Nos. of ICTs under JICA-II.
220KV	Builbori-III- VIPL -I	26-Mar-13	14.30	26-Mar-13	14.40	First time charged.
220KV	Builbori MIDC-VIPL-II	26-Mar-13	14.30	26-Mar-13	14.40	First time charged.
220KV	Paras-Balapur-I	26-Mar-13	15.40	26-Mar-13	15.50	First time charged.
220KV	Paras-Balapur-II	26-Mar-13	15.41	26-Mar-13	15.51	First time charged.
220KV	Paras-Balapur-III	26-Mar-13	15.43	26-Mar-13	15.53	First time charged.
220KV	Paras-Balapur-IV	26-Mar-13	15.44	26-Mar-13	15.54	First time charged.
220KV	Girwali - Parthani	26-Mar-13	17.25	26-Mar-13	20.43	Replacement of line isolator.
220KV	Nasik-Padgha - II	26-Mar-13	18.06	26-Mar-13	18.28	ICT-4 R ph.LV CT Burst.
220KV	Padgha-Vasai	26-Mar-13	18.06	26-Mar-13	18.52	ICT-4 R ph.LV CT Burst.
220KV	Padgha-Wada	26-Mar-13	18.06	26-Mar-13	18.30	ICT-4 R ph.LV CT Burst.
220KV	Padgha - Temghar - II	26-Mar-13	18.06	26-Mar-13	18.31	ICT-4 R ph.LV CT Burst.
220KV	Padgha-Jambhul II	26-Mar-13	18.06	26-Mar-13	18.31	ICT-4 R ph.LV CT Burst.
220KV	220/100KV 200 MVA ICT- II @ Padgha	26-Mar-13	18.06	26-Mar-13	18.33	ICT-4 R ph.LV CT Burst.
220KV	220/100 KV 200 MVA ICT - IV @ Padgha.	26-Mar-13	18.06	26-Mar-13	18.36	ICT-4 R ph.LV CT Burst.
220KV	Padgha-Vasai	26-Mar-13	20.39	26-Mar-13	21.45	Relay burnt.
220KV	Builbori MIDC-VIPL-II	26-Mar-13	08.18	26-Mar-13	12.52	For connecting jumper of Builbori-I.
220KV	Bale - Tuljapur	27-Mar-13	17.49	27-Mar-13	18.12	Over Current
220KV	Bale-Uzmanabad	27-Mar-13	17.49	27-Mar-13	18.13	Over Current
220KV	Jeur-Kurkumbh	27-Mar-13	13.10	27-Mar-13	19.26	Testing work
220KV	Lamboti - Pandharpur	27-Mar-13	12.47	27-Mar-13	13.02	Distance Protection
220KV	P'pur-Malinagar	27-Mar-13	12.47	27-Mar-13	13.15	Over Voltage
220KV	Parly - Girwali - II	28-Mar-13	00.27	28-Mar-13	02.34	Bus Bar Prot.operated
220KV	Parly - Girwali - II	28-Mar-13	02.39	28-Mar-13	21.57	R Phase CT Sparking at 220KV Parly S/S
220KV	Parly - Girwali - IV	28-Mar-13	00.27	28-Mar-13	02.25	Bus Bar Prot.operated
220KV	Parly - Girwali - III	28-Mar-13	00.27	28-Mar-13	01.38	Bus Bar Prot.operated
220KV	Parly - Harangool - I	28-Mar-13	00.27	28-Mar-13	02.35	Bus Bar Prot.operated
220KV	Parly - Harangul - II.	28-Mar-13	00.27	28-Mar-13	01.48	Bus Bar Prot.operated
220KV	Parly - Parly Extn.- I	28-Mar-13	00.27	28-Mar-13	02.42	Bus Bar Prot.operated
220KV	Parly - Parly Extn.- II	28-Mar-13	00.27	28-Mar-13	02.44	Bus Bar Prot.operated
220KV	Main Bus-I at Parli-I	28-Mar-13	00.27	28-Mar-13	01.38	Bus Bar Prot.operated due to R Phase CT of 220/132KV 100MVA IBT Burst
220KV	Main Bus-II at parli 1	28-Mar-13	00.27	28-Mar-13	02.25	Bus Bar Prot.operated due to R Phase CT of 220/132KV 100MVA IBT Burst
220KV	Theur - Flagship	28-Mar-13	08.20	28-Mar-13	14.00	Jumping Work.
220KV	Lonikand-Theur - I	28-Mar-13	09.35	28-Mar-13	13.22	Bay Maint. Work.
220KV	Ghodbhundar - Gorai	28-Mar-13	11.00	28-Mar-13	18.18	Maint. Work.
220KV	Kandalgaon - Pirangut	28-Mar-13	15.35	29-Mar-13	02.25	Replacement of CT's Under Jica II Scheme.
220KV	Nasik - Navsari - II	28-Mar-13	11.50	28-Mar-13	18.55	Maintenance of Line.
220KV	Karad-Pedambe	28-Mar-13	12.40	28-Mar-13	15.30	Distance Protection,Y-B,Z-I.
220KV	Talangade - Mumewadi	28-Mar-13	15.58	28-Mar-13	16.10	Without Indication,Transient Fault.
220KV	Mudsinghi - Mumewadi - I	28-Mar-13	15.59	28-Mar-13	16.16	Without Indication,Transient Fault.
220KV	Nasik - Airol - Knowledge Park	28-Mar-13	17.53	28-Mar-13	20.54	Distance Protection,B-E,Z-I.
220KV	220/22 KV 50 MVA T/F - II @ Bhosari 2	28-Mar-13	17.48	28-Mar-13	18.56	Newly Test Charged.
220KV	220/22 KV 50 MVA T/F - III @ Bhosari 2	28-Mar-13	17.49	28-Mar-13	18.55	Newly Test Charged.
220KV	Khaparkheda New - Khaparkheda Old - I	28-Mar-13	10.19	28-Mar-13	12.56	Capacitance & Tan Delta of CC.
220KV	Khaparkheda - Kanhan - I	28-Mar-13	09.15	28-Mar-13	16.39	Testing & Replacement of B Ph. CVT.
220KV	Kharghar-TSS	29-Mar-13	09.08	29-Mar-13	18.27	Maint. Work.
220KV	Versova-Ghodbandar	29-Mar-13	07.37	29-Mar-13	12.35	33 KV Line Stringing Work.
220KV	Kalwa-Colourchem	29-Mar-13	08.03	29-Mar-13	11.56	Testing Work.
220KV	Boiser-Versova	29-Mar-13	14.07	30-Mar-13	23.14	Breaker Replacement Upto 31.03.2013 Under JICA - II.
220KV	Vankuswade-Malharpath	29-Mar-13	11.21	29-Mar-13	17.20	Testing of Distance Protection.

220KV	Kandalgaon-Bhira	29-Mar-13	08.45	29-Mar-13	20.45	Commissioning of 3 No's of ICT Under JIACA - II.
220KV	Alephata-Kathapur	29-Mar-13	10.00	29-Mar-13	11.20	To Control Bblsr-Alephata Loading.
220KV	220/132 KV 200 MVA ICT - I @ Nanded	29-Mar-13	08.00	29-Mar-13	13.01	Attending of Oil Leakage & Topup of Oil.
220KV	Jindal - Ghatghar	30-Mar-13	10.19	30-Mar-13	20.38	Relay Testing Work @ Both Ends.
220KV	Tambati-Pedambe	30-Mar-13	10.05	30-Mar-13	18.37	Making LILO Arrenge to Charge 220/22 KV M/S Adiab S/S.
220KV	Alephata-Kathapur	30-Mar-13	09.57	30-Mar-13	20.44	To Control Loading on Bblsr-Alephata.
220KV	Kalmeshwar-Ambazari	30-Mar-13	12.26	30-Mar-13	13.05	Breaker Timing.
220KV	TBC @ Ambazari	30-Mar-13	11.20	30-Mar-13	12.04	Breaker Timing.
220KV	Bus Coupler @ Boiser	31-Mar-13	09.33		Continued.	Bkr Repl.work under JICA.
220KV	Borivali-Tata Borivali 4	31-Mar-13	10.35	31-Mar-13	17.14	GIS Roof work at Tata end.
220KV	220/132KV 200MVA T/F 6 at Parvati	31-Mar-13	13.35	31-Mar-13	13.38	First time test charge from HV side.kept humming.
220KV	Borivali(M)-Borivali(Rel) 1	31-Mar-13	21.56		Continued.	Line diff prot,dist,prot tripped at both ends.
220KV	Borivali(M)-Borivali(Rel)2	31-Mar-13	21.56	31-Mar-13	22.42	Tripped at Borivali end.
220KV	Borivali- Aarey	31-Mar-13	21.56		Continued.	Line diff prot,trippped at both end.
132KV	Amalner - Chopda	25-Mar-13	11.55	25-Mar-13	12.05	Dist.prot.Z-I.
132KV	Amalner - Chopda	25-Mar-13	13.45	25-Mar-13	13.55	Dist.prot.Z-I.
132KV	Paras-Patur	26-Mar-13	09.23	26-Mar-13	09.38	Distance protection.
132KV	Kawalewada-Gondia-I	27-Mar-13	05.14	27-Mar-13	05.49	Transformer LA burst.
132KV	Kawlewada-Gondia-II	27-Mar-13	05.14	27-Mar-13	05.50	Transformer LA burst.
132KV	Parbhani-Panthur	29-Mar-13	08.38	29-Mar-13	08.45	Distance Protection Operated Z-I.
132KV	Jeur - Karjat	31-Mar-13	06.40	31-Mar-13	11.17	Lilo work at Karmala S/S.
100KV	Kalwa - Nocil - II	31-Mar-13	11.37	31-Mar-13	11.50	Dist Protection.