

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.

Maharashtra State Load Despatch Centre, Kalwa

To,
Hon. Energy Minister/ Chief Secretary/ Energy Secretary.
Maharashtra State, Mumbai.

NO. 448 / 24.03.2014

Sub: Report of the Power System position for the period 17-Mar-14 To 23-Mar-14

Date	Monday 17-Mar-14	Tuesday 18-Mar-14	Wednesday 19-Mar-14	Thursday 20-Mar-14	Friday 21-Mar-14	Saturday 22-Mar-14	Sunday 23-Mar-14
On Line Capacity (MW)							
MSPGCL THM	6316	5912	5776	5343	5433	5224	5192
MSPGCL HY	1320	1364	1283	1300	1304	1304	1381
MSPGCL GAS	290	300	300	300	280	270	150
MSPGCL TOTAL	7926	7576	7359	6943	7017	6798	6723
Cent. Sect.(incl. RGPPL)	3799	5393	5310	5392	5267	5650	5290
MSPGCL + CS	11725	12969	12669	12335	12284	12448	12013
TPCL	1127	1127	1127	1127	1127	1127	1127
REL	500	500	500	500	500	500	500
TPCL + REL	1627	1627	1627	1627	1627	1627	1627
CPP	2992	2910	2990	3012	2347	2304	2411
STATE OLC	16344	17506	17286	16974	16258	16379	16051
Morning Peak Demand (MW)	12 Hrs	13 Hrs	12 Hrs	12 Hrs	12 Hrs	12 Hrs	12 Hrs
MSPGCL THM	5569	5725	5742	5839	5322	5160	5506
MSPGCL HY	826	874	1245	1820	1827	1126	1603
MSPGCL GAS	293	302	293	288	267	277	147
MSPGCL TOTAL	6688	6901	7280	7947	7416	6563	7256
Cent. Sect.(incl. RGPPL)	4301	5382	5435	5660	5235	5725	5490
Wind	68	37	60	53	450	404	71
CPP	2414	3179	3346	2792	2593	2887	2872
TPCL Asst	-928	-1455	-1237	-1314	-1262	-1159	-816
MSEDCL Catered	12724	14212	15060	15306	14609	14581	15032
Load Shedding (LS)	81	849	729	339	777	804	666
MSEDCL Demand(Incl LS)	12805	15061	15789	15645	15386	15385	15698
TPCL + REL Dem.	1814	2970	2883	2945	2903	2654	2116
State Demand (Incl LS)	14619	18031	18672	18590	18289	18039	17814
Sys. Freq. (Hz)	50.07	50.01	49.94	50.03	49.94	49.93	49.94
Evening Peak Demand (MW)	21 Hrs	17 Hrs	17 Hrs	17 Hrs	20 Hrs	17 Hrs	17 Hrs
MSPGCL THM	5668	5637	5171	5629	4667	4918	5459
MSPGCL HY	549	780	1495	1879	868	1052	1295
MSPGCL GAS	305	308	298	287	276	150	150
MSPGCL TOTAL	6522	6725	6964	7795	5811	6120	6904
Cent. Sect.(incl. RGPPL)	4297	5488	5448	5501	5660	5616	5161
Wind	313	173	302	438	636	482	288
CPP	2470	3189	3268	2331	2767	2935	2629
TPCL Asst	-1251	-1367	-1318	-1283	-1076	-1103	-754
MSEDCL Catered	12351	14306	14735	14856	13839	14127	14301
Load Shedding (LS)	57	411	515	195	8	487	470
MSEDCL Demand(Incl LS)	12408	14717	15250	15051	13847	14614	14771
TPCL + REL Dem.	2150	2917	2888	2896	2701	2563	2042
State Demand (Incl LS)	14558	17634	18138	17947	16548	17177	16813
Sys. Freq. (Hz)	50.04	50	49.95	49.83	49.88	49.94	50

Copy s.w.rs to : M.D. (MSETCL) / Director (OP), MSETCL, Mumbai.

Copy to : S.E. (LM), MSEDCL, Mumbai.

Chief Engineer
MSLDC, Kalwa

SLDC,KALWA
MSPGCL WEEKLY FORCED & PLANNED UNIT OUTAGES

NO. 401 / 18.03.2014

WEEK	17-Mar-14	TO	23-Mar-14
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A) (UNITWISE PLANNED/FORCED OUTAGE POSITION @ 05:30 HRS. OF THE DAY OF (MSPGCL THERMAL UNITS ONLY)

Sr.No	Date	17-Mar-2014		18-Mar-2014		19-Mar-2014		20-Mar-2014		21-Mar-2014		22-Mar-2014		23-Mar-2014	
	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	*	4,5	*	4,5	*	*
2	KORADI	*	5	*	5	*	5	*	5	*	5	*	5,7	*	5
3	KHAPERKHEDA	*	*	*	*	*	2	*	*	*	*	*	*	*	*
4	PARALI	3	*	3	*	3	*	3	6	3	6	3	*	3	4
5	CHANDRAPUR	*	7	*	7	*	*	*	7	*	7	*	7	*	*
6	BHUSAVAL	*	*	*	2	*	*	*	3	*	3	*	3	*	*
7	PARAS	*	*	*	*	*	*	*	*	*	*	*	*	*	*
		210	700	210	910	210	410	210	1370	210	1580	210	1540	210	410

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		TOTAL INTER STATE BILATERAL PURCHASE		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	
17-Mar-2014	MONDAY	92.133	3839	-6.062	-253	86.071	3586	94.540	3939	8.469	353
18-Mar-2014	TUESDAY	96.666	4028	8.766	365	105.432	4393	111.753	4656	6.321	263
19-Mar-2014	WEDNESDAY	96.559	4023	15.701	654	112.260	4678	116.098	4837	3.838	160
20-Mar-2014	THURSDAY	104.780	4366	10.207	425	114.987	4791	119.709	4988	4.722	197
21-Mar-2014	FRIDAY	106.155	4423	11.422	476	117.577	4899	119.978	4999	2.401	100
22-Mar-2014	SATURDAY	114.365	4765	9.873	411	124.238	5177	128.017	5334	3.779	157
23-Mar-2014	SUNDAY	113.505	4729	3.736	156	117.241	4885	121.235	5051	3.994	166
	TOTAL	724.163		53.643		777.806		811.330		33.524	

Details of Koyna Water Consumption (In TMC)

DATE	For the Day	For the Month	Balance
17-Mar-14	0.134	2.356	9.835
18-Mar-14	0.152	2.508	9.683
19-Mar-14	0.321	2.829	9.362
20-Mar-14	0.455	3.284	8.907
21-Mar-14	0.369	3.653	8.538
22-Mar-14	0.174	3.827	8.364
23-Mar-14	0.321	4.148	8.043

Supply Position During Evening Peak (MW)

Date	Time	MSEDCL Generation				NO. 401 / 18.03.2014	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												
17-Mar-14	21	5668	549	305	6522	4297	313	2470	-1251	12351	57	12408	506	393	14501	14558	50.04
18-Mar-14	17	5637	780	308	6725	5488	173	3189	-1367	14306	411	14717	1028	522	17223	17634	50.00
19-Mar-14	17	5171	1495	298	6964	5448	302	3268	-1318	14735	515	15250	1048	522	17623	18138	49.95
20-Mar-14	17	5629	1879	287	7795	5501	438	2331	-1283	14856	195	15051	1090	523	17752	17947	49.83
21-Mar-14	20	4667	868	276	5811	5660	636	2767	-1076	13839	8	13847	1100	525	16540	16548	49.88
22-Mar-14	17	4918	1052	150	6120	5616	482	2935	-1103	14127	487	14614	940	520	16690	17177	49.94
23-Mar-14	17	5459	1295	150	6904	5161	288	2629	-754	14301	470	14771	767	521	16343	16813	50.00
Maximum		5668	1879	308	7795	5660	636	3268	-754	14856	515	15250	1100	525	17752	18138	50.04
Minimum		4667	549	150	5811	4297	173	2331	-1367	12351	8	12408	506	393	14501	14558	49.83
Average		5307	1131	253	6692	5310	376	2798	-1165	14074	306	14380	926	504	16667	16974	49.95

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												
17-Mar-14	12	5569	826	293	6688	4301	68	2414	-928	12724	81	12805	497	389	14538	14619	50.07
18-Mar-14	13	5725	874	302	6901	5382	37	3179	-1455	14212	849	15061	993	522	17182	18031	50.01
19-Mar-14	12	5742	1245	293	7280	5435	60	3346	-1237	15060	729	15789	1122	524	17943	18672	49.94
20-Mar-14	12	5839	1820	288	7947	5660	53	2792	-1314	15306	339	15645	1111	520	18251	18590	50.03
21-Mar-14	12	5322	1827	267	7416	5235	450	2593	-1262	14609	777	15386	1119	522	17512	18289	49.94
22-Mar-14	12	5160	1126	277	6563	5725	404	2887	-1159	14581	804	15385	974	521	17235	18039	49.93
23-Mar-14	12	5506	1603	147	7256	5490	71	2872	-816	15032	666	15698	779	521	17148	17814	49.94
Maximum		5839	1827	302	7947	5725	450	3346	-816	15306	849	15789	1122	524	18251	18672	50.07
Minimum		5160	826	147	6563	4301	37	2414	-1455	12724	81	12805	497	389	14538	14619	49.93
Average		5552	1332	267	7150	5318	163	2869	-1167	14503	606	15110	942	503	17116	17722	49.98

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								MSEDCL	MUMBAI	State
17-Mar-14	136.936	9.868	7.412	0.085	154.301	94.540	86.071	4.359	59.419	11.744	9.845	-23.099	290.632	44.686	335.318
18-Mar-14	131.558	10.479	7.511	0.350	149.898	111.753	105.432	5.399	70.165	18.411	11.543	-27.482	310.899	57.441	368.340
19-Mar-14	127.549	19.327	7.348	0.127	154.351	116.098	112.260	4.433	77.431	21.223	12.549	-23.691	329.838	57.463	387.301
20-Mar-14	130.362	24.732	7.104	0.170	162.368	119.709	114.987	6.176	67.459	22.115	12.540	-23.545	333.342	58.198	391.540
21-Mar-14	122.081	20.461	6.624	0.334	149.500	119.978	117.577	12.450	63.783	21.143	12.521	-23.294	323.590	56.954	380.544
22-Mar-14	117.999	13.673	5.676	0.188	137.536	128.017	124.238	11.916	68.079	19.120	12.020	-22.819	324.011	53.957	377.968
23-Mar-14	128.202	18.193	3.623	0.216	150.234	121.235	117.241	6.085	68.448	16.929	12.536	-18.077	329.158	47.541	376.699
Maximum	136.936	24.732	7.511	0.350	162.368	128.017	124.238	12.450	77.431	22.115	12.549	-18.077	333.342	58.198	391.540
Minimum	117.999	9.868	3.623	0.085	137.536	94.540	86.071	4.359	59.419	11.744	9.845	-27.482	290.632	44.686	335.318
Average	127.812	16.676	6.471	0.210	151.170	115.904	111.115	7.260	67.826	18.669	11.936	-23.144	320.210	53.749	373.959

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.

Maharashtra State Load Despatch Centre, Kalwa

Information for Weekly Cabinet Meeting

NO. 4

For the Week

17-Mar-14

to

23-Mar-14

Demand Supply Summary

	Morning Peak (MW)	Evening Peak (MW)
Average Peak Demand	15110	14380
Average Peak Supply	14503	14074
Average Load Relief (LS)	606	306

Average Supply Summary

	Morning Peak (MW)	Evening Peak (MW)	Mus
Thermal	5552	5307	127.81
Gas	267	253	6.47
Hydro	1332	1131	16.68
CS Drawal (Total)	5318	5310	115.90
TPCL	-1167	-1165	-23.14

Koyna Water position

	Water in TMC Feet
Average Water Used Per Day	0.275
Balance Left	8.043
Balance Left Last Year Same Week	13.610

MSPGCL Unit Outage Position

Date	MSPGCL (in MW)		
	Planned	Forced	Total
17-Mar-14	210	700	910
18-Mar-14	210	910	1120
19-Mar-14	210	410	620
20-Mar-14	210	1370	1580
21-Mar-14	210	1580	1790
22-Mar-14	210	1540	1750
23-Mar-14	210	410	620

Distressed Load Shedding

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

GENERATING UNIT OUTAGES FOR THE WEEK

FROM 17-Mar-14 TO 23-Mar-14

UNIT UNDER PLANNED OUTAGE

NO. 401 / 18.03.2014

name	unit_no	derat_cap	date_trip	time_trip	date_sync	time_sync	reasondes
Parli	Unit 3	210	13-Feb-13	23.50		Continued.	Water Shortage

UNIT UNDER FORCED OUTAGE

name	unit_no	derat_cap	date_trip	time_trip	date_sync	time_sync	reason
Dabhol	1B	230	28-May-13	22.02		Continued.	Gas shortage.
Dabhol	2A	230	6-Jun-13	09.10		Continued.	Gas Shortage
Dabhol	3A	230	6-Jun-13	08.28		Continued.	Gas Shortage
Dabhol	1A	230	27-Jun-13	21.47		Continued.	Gas Shortage
Dabhol	1X	290	27-Jun-13	21.46		Continued.	Gas Shortage
Dabhol	2X	290	15-Jul-13	15.09		Continued.	Gas Shortage
Tata	Trombay 6	500	19-Jul-13	23.54		Continued.	Economic shut down.
Dabhol	2B	230	8-Aug-13	15.03		Continued.	Gas Shortage
CPP	VIPL	300	2-Oct-13	00.45		Continued.	Turbine bearing vibration high.
Dabhol	3X	290	29-Dec-13	05.47		Continued.	Gas Shortage
Dabhol	3B	230	29-Dec-13	06.14		Continued.	Gas Shortage
Uran	Unit 8	108	3-Jan-14	14.06		Continued.	Gas Shortage
Tata	Trombay 8	250	9-Jan-14	22.54		Continued.	Emergency H/T, Fire at turbine track.
CPP	WPCL U-1	135	30-Jan-14	12.45		Continued.	turbine vibration
CPP	WPCL U-2	135	18-Feb-14	00.02		Continued.	Ash Conveying problem
Koradi	Unit 5	200	23-Feb-14	04.04		Continued.	ID Fan Problem.
CPP	JSW (J) U2	300	28-Feb-14	17.52		Continued.	No Schedule.
CPP	JSW (J) U1	300	12-Mar-14	12:00		Continued.	Condinsor Tube Leakage.
Uran	Unit 6	108	16-Mar-14	08.03		Continued.	gas shortage
Chandrapur	Unit 7	500	18-Mar-14	00.25	23-Mar-14	06.51	Hydrogen gas leakage.
Koyna	Unit 9	80	18-Mar-14	07.50	22-Mar-14	12.15	Annual Maintenance
Bhusawal	Unit 2	210	18-Mar-14	17.45	20-Mar-14	10.44	Flame Failure
Koradi	Unit 6	210	19-Mar-14	08.07	19-Mar-14	16.10	Suspected B.T.L.
Khaparkheda	Unit 3	210	19-Mar-14	16.29	19-Mar-14	19.24	Furnace Pressure High.
Khaparkheda	Unit 3	210	19-Mar-14	19.51	19-Mar-14	22.43	Furnace Pressure High.
Parli	Unit 6	250	19-Mar-14	23.00	22-Mar-14	17.45	HP Valve Problem
Khaparkheda	Unit 3	210	19-Mar-14	23.47	20-Mar-14	01.56	Furnace Pressure High
CPP	INDIABULLS	270	20-Mar-14	13.35	20-Mar-14	16.17	Flame Failure.
Khaparkheda	Unit 2	210	20-Mar-14	03.53	20-Mar-14	06.54	Flame Failure
CPP	Adani U-2	660	20-Mar-14	11.32		Continued.	BTL.
Bhusawal	Unit 3	210	20-Mar-14	22.22	23-Mar-14	2.25	I.D. Fan Problem.
CPP	WPCL U-4	135	20-Mar-14	06.33	20-Mar-14	22.32	FD Fan Vibration Porblem.
Nasik	Unit 5	210	21-Mar-14	04.40	24-Mar-14	03.20	Electrical Fault.
Nasik	Unit 4	210	21-Mar-14	05.55	23-Mar-14	10.35	Vacuum low.
Koyna	Stage 1-2	600	21-Mar-14	21.20	22-Mar-14	3.40	p.m.work
Uran	Unit B0	120	22-Mar-14	16.27		Continued.	boiler prot.
Uran	Unit 7	108	22-Mar-14	16.27		Continued.	bearing voltage high
Koradi	Unit 7	210	22-Mar-14	9.35		Continued.	Id fan a tripped on bearing temp. high
Parli	Unit 4	210	24-Mar-14	00.01		Continued.	Coal Shortage.

LINE OUTAGES FOR THE WEEK

FROM 17-Mar-14 TO 23-Mar-14

Voltage	Name	date_trip	time_trip	date_sync	time_sync	Reason
500KV	765KV Akola II - Tiroda - I	23-Mar-14	17.18		Continued.	Hand Tripped.
500KV	765 KV (Akola 2) 240 MVAR bus reactor	23-Mar-14	17.30		Continued.	Hand Tripped.
500KV	765/400KV 1500MVA ICT at Tiroda	17-Mar-14	17.56	23-Mar-14	17.03	I/S.
400KV	Karad - Solapur (PGCIL)	26-Feb-14	19.54	17-Mar-14	22.45	Distance Protection.
400KV	Solapur-Solapur(PGCIL)	26-Feb-14	19.39	17-Mar-14	20.22	Distance Protection.tower collapse loc 110
400KV	Dabhol-Nagothane - II	28-Feb-14	21.35	18-Mar-14	09.30	Over Voltage.
400KV	Kolhapur-Solapur (PG) II	10-Mar-14	19.38	22-Mar-14	8.46	collapse.
400KV	Karad-Kolhapur-II	16-Mar-14	17.08	18-Mar-14	07.14	over voltage
400KV	Karad-Jaigad I	16-Mar-14	15.35	18-Mar-14	08.24	over voltage
400KV	Khadka - Aurangabad	16-Mar-14	17.07	18-Mar-14	08.27	over voltage
400KV	Kolhapur - Mapusa - II	16-Mar-14	16.09	18-Mar-14	09.30	over voltage
400KV	Dhule-Sar'Sarovar - I	16-Mar-14	20.16	18-Mar-14	07.25	over voltage
400KV	Warora-Tiroda-I	17-Mar-14	1.53	18-Mar-14	06.37	Heavy sparking on B ph wavetrap at warora end
400KV	400/220KV 315MVA ICT-II @ BBLSR	17-Mar-14	13.20	17-Mar-14	15.58	Jumper work.
400KV	Karad-Lamboti	17-Mar-14	15.00	17-Mar-14	20.22	To remove bunching arrangement work.
400KV	Nagothane-Dabhol-I	17-Mar-14	17.06	18-Mar-14	13.30	Over Voltage.
400KV	Warora-Tiroda-I	17-Mar-14	01.53	18-Mar-14	06.37	Heavy sparking observed B-Ph wavetrap at Warora end.
400KV	Karad - Kolhapur - I	17-Mar-14	16.33	17-Mar-14	22.15	Over Voltage.
400KV	Lonikand- Koyna Stage IV	17-Mar-14	23.59	18-Mar-14	07.49	Over Voltage.
400KV	Kolhapur-Solapur(PGCIL)-I	10-Mar-14	19.38	21-Mar-14	19.58	collapse
400KV	Karad-Jaigad I	18-Mar-14	17.45	19-Mar-14	06.44	Over Voltage
400KV	Kolhapur - Mapusa - I	18-Mar-14	16.46	19-Mar-14	06.47	Over Voltage
400KV	Dhule-Sar'Sarovar - I	18-Mar-14	18.18	19-Mar-14	06.38	Over Voltage
400KV	Dabhol-Nagothane - II	18-Mar-14	13.15		Continued.	Distance Protection
400KV	Bhusawal- Aurangabad	18-Mar-14	18.01	18-Mar-14	19.22	Over Voltage
400KV	Kolhapur - Mapusa - I	19-Mar-14	17.12	20-Mar-14	08.46	Over Voltage.
400KV	Karad-Kolhapur-II	19-Mar-14	17.07	20-Mar-14	06.37	Over Voltage.
400KV	New Koyna - Karad - I	19-Mar-14	07.45		Continued.	Taken on TBC Attending air Leakage problem of CB.
400KV	400/220KV,500 MVA ICT-III at Nagothane.	19-Mar-14	10.20	19-Mar-14	19.17	Testing work.
400KV	400/220 KV 300 MVA ICT-I @ Koradi	19-Mar-14	12.30		Continued.	Repl.Of Y Phase ICT-I(Up to 28-3-14)
400KV	Bus Coupler @ Chandrapur	19-Mar-14	12.10	19-Mar-14	18.40	Tan Delta Testing work.
400KV	400/220 KV 500 MVA ICT-II at Lamboti	19-Mar-14	17.04	19-Mar-14	22.36	B-Ph LV side CT oil leakage.
400KV	Khadka - Aurangabad	19-Mar-14	17.04	20-Mar-14	04.10	over voltage.
400KV	Karad-Jaigad I	19-Mar-14	22.20	20-Mar-14	06.41	Over Voltage.
400KV	400/220KV,500 MVA ICT-III at Kolhapur	19-Mar-14	10.16	19-Mar-14	18.45	Tan Delta testing work
400KV	A'bad-Talegaon PG-1	19-Mar-14	09.48	23-Mar-14	17.57	To control Akola- A'Bad L/L
400KV	Karad-Jaigad I	20-Mar-14	17.15	21-Mar-14	08.27	Over Voltage.
400KV	Karad - Kolhapur - I	20-Mar-14	17.42	21-Mar-14	06.40	Over Voltage.
400KV	Bhusawal- Aurangabad	20-Mar-14	17.40	21-Mar-14	08.41	Over Voltage.
400KV	Kolhapur - Mapusa - II	20-Mar-14	16.41	21-Mar-14	07.53	Over Voltage.
400KV	400/220KV,315 MVA ICT-I at BBLSR	20-Mar-14	16.04	23-Mar-14	11.03	Own CB Shifted On TBC.
400KV	Dhule-Sar'Sarovar - I	21-Mar-14	00.40	21-Mar-14	06.46	Over Voltage.
400KV	400/220 KV 500 MVA ICT - I @ Lamboti	21-Mar-14	20.40	22-Mar-14	00.25	On OLTC Bucholz.
400KV	Karad-Jaigad I	21-Mar-14	16.43	22-Mar-14	06.39	Over Voltage.
400KV	Bhusawal- Aurangabad	21-Mar-14	17.39	22-Mar-14	07.02	Over Voltage.
400KV	Karad - Kolhapur - II	21-Mar-14	21.19	22-Mar-14	06.36	Over Voltage.
400KV	Kolhapur - Mapusa - I	21-Mar-14	16.40	22-Mar-14	07.10	Over Voltage.
400KV	Bhusawal- Aurangabad	22-Mar-14	17.57	23-Mar-14	6.40	over voltage
400KV	Bus Bar Protection @ Deepnagar	21-Mar-14	14.41	21-Mar-14	18.26	For Annual Testing of 400KV Bus Bar Protection Scheme.
400KV	400/220 KV 167 MVA Spare ICT @ Deepnagar	21-Mar-14	14.59	21-Mar-14	18.12	For Checking of CT Polarity.
400KV	Bus - II @ Khaparkheda	21-Mar-14	09.40	21-Mar-14	13.30	Tightening of Nut Bolts by HLU.
400KV	50 MVAR Bus Reactor @ Parly - II	21-Mar-14	14.00	21-Mar-14	17.55	Measurement of Tan Delta of ICT Bushings
400KV	Dhule-Sar'Sarovar - II	21-Mar-14	21.59	22-Mar-14	06.38	Over Voltage.
400KV	Kolhapur-Mapusa-II	22-Mar-14	16.48	23-Mar-14	09.30	over voltage
400KV	Karad - Kolhapur - II	22-Mar-14	17.08	23-Mar-14	07.43	over voltage
400KV	Karad-Jaigad I	22-Mar-14	17.53	23-Mar-14	08.48	over voltage
400KV	400 KV Bus Coupler @ Kalwa	23-Mar-14	08.35		Continued.	CRM,CB Timing,Tan delta.
400KV	400/220 KV 500 MVA ICT-III @ Dhule	22-Mar-14	9.02	22-Mar-14	19.12	a.m. work & testing
400KV	400/220KV 315MVA ICT-II @ New Koyna	22-Mar-14	9.53	22-Mar-14	13.50	crm of hv side bkr. taken on tbc
400KV	Bus II at Boiser	23-Mar-14	09.20		Continued.	A.M.Work.
400KV	Karad - Kolhapur - II	23-Mar-14	16.54	24-Mar-14	06.43	Over Voltage.
400KV	Karad-Jaigad I	23-Mar-14	16.40		Continued.	Over Voltage.
400KV	Bhusawal- Aurangabad	23-Mar-14	18.03		Continued.	Over Voltage.
400KV	Kolhapur - Mapusa - I	23-Mar-14	16.15		Continued.	Over Voltage.
400KV	Talegaon PG - Aurangabad - II	23-Mar-14	16.54		Continued.	To control Akola - A'bad load.
400KV	Dhule-Sar'Sarovar - I	23-Mar-14	18.14		Continued.	Over Voltage.
220KV	Main Bus - I @ Pedambe	17-Mar-14	07.16	17-Mar-14	19.25	PM of 220KV Main Bus isolators.
220KV	Pedambe-Mahad	17-Mar-14	07.05	17-Mar-14	19.45	PM of 220KV Main Bus isolators.
220KV	Pophali - Pedambe - I	17-Mar-14	07.15	17-Mar-14	19.55	To attend unwound & cut strands of B-Ph W/T.
220KV	Pedambe-Newkoyna	17-Mar-14	07.16	17-Mar-14	20.18	PM of 220KV Main Bus isolators.
220KV	Mudshingi-Talagade - I	17-Mar-14	11.50	17-Mar-14	17.37	DSN work of tower,repl of string.

220KV	Mudshingi-Chikodi	17-Mar-14	11.14	17-Mar-14	19.37	Due to outage on Mudshingi-Talandage-I.
220KV	Khaperkheda - Ambazari - II	17-Mar-14	15.23	17-Mar-14	20.01	Dist Prot.
220KV	Talandage-Hamidwada	18-Mar-14	09.32	18-Mar-14	18.13	Replacement of Insulator
220KV	Vita - Miraj	18-Mar-14	10.02	18-Mar-14	13.33	Testing work
220KV	Oni - Kharepatan	18-Mar-14	06.57	18-Mar-14	12.32	Distance Protection
220KV	Borivali (M) - Gorai (Rel) - I (cable)	18-Mar-14	11.25	18-Mar-14	15.05	Isolator work
220KV	Bhoisor-Bhoisor(PGCIL)-I	19-Mar-14	09.48	19-Mar-14	12.15	Testing work
220KV	Bale-Lamboti II	19-Mar-14	10.01	19-Mar-14	19.45	CT Replacement.
220KV	Miraj - Mhaisal	19-Mar-14	10.45	19-Mar-14	13.00	Tan Delta Measurement.
220KV	Talandage-Hamidwada	19-Mar-14	09.05	19-Mar-14	18.13	Insulator String Replacement.
220KV	Paranda - Barshi	19-Mar-14	11.30	19-Mar-14	14.29	Replacement of Nut Bolt
220KV	Pirangut-Hinjewadi	19-Mar-14	06.52	19-Mar-14	21.20	Distance protection
220KV	Matardevi - Lloyds Metals	19-Mar-14	05.32	19-Mar-14	05.40	Tripped at LMEL end only
220KV	Warora - Wani	19-Mar-14	13.42	19-Mar-14	19.08	Measurement of Tan Delta of CTs
220KV	Khaparkheda-Kawlewada-I	19-Mar-14	08.14	19-Mar-14	17.57	Overhead crossing work of 765KV Tiroda-Koradi-II
220KV	Khaparkheda-Kawlewada-II	19-Mar-14	08.13	19-Mar-14	17.58	Overhead crossing work of 765KV Tiroda-Koradi-II
220KV	220/132 KV 200 MVA ICT - I @ Beed	19-Mar-14	10.02	19-Mar-14	15.14	Repl.of Jumper from HV Bushing to HV CTs
220KV	Talegaon PG-Talegaon AMBI-II	20-Mar-14	12.25	20-Mar-14	17.11	To attend Y PH CT Oil seepage.
220KV	Bhoisor-Bhoisor(PGCIL)-I	20-Mar-14	09.20	20-Mar-14	11.30	Taken On TBC For Breaker timing.
220KV	Pedambe-Pophali I	20-Mar-14	06.25	20-Mar-14	14.54	P.M.Work.
220KV	Talandage-Hamidwada	20-Mar-14	09.06	20-Mar-14	18.30	Insulator Replacement Work.
220KV	220/132KV,100MVA ICT-I at Alephata	20-Mar-14	09.07	20-Mar-14	16.34	Testing Work.
220KV	Bhosari - Bhosari - II	20-Mar-14	09.20	20-Mar-14	20.27	Replacement Of C&R Panelunder jica-2.
220KV	Kandalgaon - ONGC	20-Mar-14	09.25	20-Mar-14	18.02	Installation Of Vibratir Damper on Hill area Tower.
220KV	Apta-HOC	20-Mar-14	13.20	20-Mar-14	18.44	Relay Testing.
220KV	Lote - N.Koyna	21-Mar-14	09.08	21-Mar-14	11.58	Taken on TBC for Breaker Timing & CRM.
220KV	Mumewadi-Hamidwada	21-Mar-14	09.06	21-Mar-14	18.10	Insulator Replacement Work.
220KV	Kandalgaon - ONGC	21-Mar-14	09.15	21-Mar-14	17.20	Installation of Vibration Damper on Hill Area.
220KV	Padgha-Kamba	21-Mar-14	10.39	21-Mar-14	14.32	Hot Spot Attending Work.
220KV	Nagothane-PASCO	21-Mar-14	10.25	21-Mar-14	19.55	Relay & Other Testing Work.
220KV	Lonand - Bothe (Surwadi)	21-Mar-14	09.00	21-Mar-14	13.22	A.M.Work.
220KV	220/100KV 200MVA ICT-II at Kalwa	21-Mar-14	15.30		Continued.	HV Side Own Bkr on TBC.
220KV	Apta-Uran-IV	21-Mar-14	13.36	21-Mar-14	15.41	Dist.Prot.Opr. B Ph to Earth.
220KV	Babaleshwar - Babaleshwar - I	21-Mar-14	10.26	21-Mar-14	17.08	For Controlling Bblsr ICT Loading.
220KV	220/33 KV 100 MVA T/F - II @ Boiser	21-Mar-14	08.18	21-Mar-14	16.00	A.M.Work.
220KV	Main Bus - I @ Taloja	21-Mar-14	12.20	21-Mar-14	18.25	Outage.
220KV	Badnera-Akola Ckt.I	21-Mar-14	08.31	21-Mar-14	19.59	Testing.
220KV	220/132 KV 100 MVA ICT - I at Balapur	21-Mar-14	11.20	21-Mar-14	17.52	Measurment of Tan Delta of ICT Bushings.
220KV	Paranda - Barshi	21-Mar-14	13.02	21-Mar-14	16.30	Relay Testing Work by Testing Unit.
220KV	220/132 KV 100 MVA ICT - I @ Paranda	21-Mar-14	18.01	21-Mar-14	18.40	Relay Testing Work by Testing Unit.
220KV	220/132KV 100MVA ICT II at Paranda	21-Mar-14	16.32	21-Mar-14	17.59	Relay Testing Work by Testing Unit.
220KV	Parly - Girwali - III	21-Mar-14	08.21	21-Mar-14	16.34	Replacement of Armouring Rods of B Ph.
220KV	Bus Coupler @ Parly-I	21-Mar-14	13.06	21-Mar-14	14.23	Measurment of Tan Delta.
220KV	Pusad - Nanded	21-Mar-14	09.13	21-Mar-14	18.31	LILO Work for 220KV Ghatodi S/S.
220KV	220/33 KV 100 MVA ICT IV at Jamde	21-Mar-14	14.43	21-Mar-14	16.15	PRV Operated.
220KV	220/33KV,100MVA ICT-III at Jamde.	21-Mar-14	14.43	21-Mar-14	14.50	Backup Protection Operated.
220KV	Vasai - Bhoisor (PGCIL)	21-Mar-14	11.54	22-Mar-14	07.16	Insulator Replacement Work.
220KV	Pedambe-Newkoyna	22-Mar-14	6.11	22-Mar-14	15.10	replacement of isolator strings
220KV	Chinchwad-Urse	22-Mar-14	8.38	22-Mar-14	19.28	replacement of bus side isolator of urse
220KV	Chinchwad - Hinjewadi	22-Mar-14	8.00	22-Mar-14	19.31	safty purpose
220KV	Jejuri - Phursungi - II	22-Mar-14	23.10	23-Mar-14	2.23	hot spot attending work
220KV	Padgha-Jambhul-I	22-Mar-14	9.39	22-Mar-14	12.31	old disc insu. replacement by long rod polymer at rly crossing at loc 33 &34
220KV	Trombay-Mulund	22-Mar-14	10.28	22-Mar-14	15.34	cross arm painting work
220KV	Borivali(M)-Borivali(Rel) 1	22-Mar-14	10.24	22-Mar-14	14.16	inspection iso.prob.
220KV	Pawas - Newali	22-Mar-14	10.40	22-Mar-14	13.04	cleaning of suspension insu.string
220KV	Padgha-Jambhul II	22-Mar-14	12.39	22-Mar-14	15.28	old dis insu.replacement by long rod polymer at rly crossing at loc 33&34
220KV	Badnera-Akola-II	22-Mar-14	7.25	22-Mar-14	19.41	replacement of insulator string detected faulty during pid testing
220KV	220/132KV 100MVA ICT-II at Bambhori	22-Mar-14	10.16	22-Mar-14	12.49	maintance work
220KV	Padgha-Temghar I	23-Mar-14	09.05	23-Mar-14	13.35	Repl.of old rusted D schackle.
220KV	Pirangut - Hinjewadi - II	23-Mar-14	10.00	23-Mar-14	16.30	Half yearly Maint.work.
220KV	Boiser-Versova	23-Mar-14	07.53	23-Mar-14	10.57	B Bus isolator maint work.
220KV	Dahanu-Versova	23-Mar-14	11.03	23-Mar-14	20.05	A.M.Work
220KV	Kharghar-Nerul	23-Mar-14	07.39	23-Mar-14	11.58	Hot Spot.
220KV	C' Enka - Khadki	23-Mar-14	12.24	23-Mar-14	18.18	Bus side isolator Repl under Jica II.
220KV	Babaleshwar - Alephata	23-Mar-14	07.35		Continued.	To Control BBLSR ICT L/L.
220KV	Theur-Phursungi-I	23-Mar-14	23.20	24-Mar-14	02.21	Maint.work.
132KV	Ambazari - Amravati	17-Mar-14	13.36	17-Mar-14	21.37	132KV Bus Bar Prot.Optd.
132KV	Amravati - Tiwsa	17-Mar-14	13.36	17-Mar-14	13.54	132KV Bus Bar Prot.Optd.
132KV	Interconnector at Amravati	17-Mar-14	13.36	17-Mar-14	13.43	132KV Bus Bar Prot.Optd.
132KV	Half Bus Sec.I at Amravati	17-Mar-14	13.36	17-Mar-14	13.43	132KV Bus Bar Prot.Optd.
132KV	Phursungi-Kothrud	21-Mar-14	00.26	21-Mar-14	01.36	To attend Hot Spot on B-PH CT.
132KV	Chinchwad-Rahatri	22-Mar-14	23.40	23-Mar-14	4.53	replacement of ct under jica 2