

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 20-May-13 To 26-May-13

Date	Monday 20-May-13	Tuesday 21-May-13	Wednesday 22-May-13	Thursday 23-May-13	Friday 24-May-13	Saturday 25-May-13	Sunday 26-May-13
On Line Capacity (MW)							
MSPGCL THM	5225	5165	4838	4650	5005	4770	4745
MSPGCL HY	1274	1237	1274	1273	1192	1192	1192
MSPGCL GAS	480	460	460	280	300	300	300
MSPGCL TOTAL	6979	6862	6572	6203	6497	6262	6237
Cent. Sect.(incl. RGPPL)	5312	5168	5630	5613	4723	4679	4786
MSPGCL + CS	12291	12030	12202	11816	11220	10941	11023
TPCL	1877	1877	1877	1877	1877	1877	1877
REL	500	500	250	250	500	500	500
TPCL + REL	2377	2377	2127	2127	2377	2377	2377
CPP	1675	1644	1644	2263	2263	2251	2247
STATE OLC	16343	16051	15973	16206	15860	15569	15647
Morning Peak Demand (MW)	12 Hrs	12 Hrs	12 Hrs	12 Hrs	12 Hrs	12 Hrs	12 Hrs
MSPGCL THM	5225	4925	5024	4309	4193	4890	4692
MSPGCL HY	1297	664	1181	1012	829	810	912
MSPGCL GAS	453	462	287	260	318	309	445
MSPGCL TOTAL	6975	6051	6492	5581	5340	6009	6049
Cent. Sect.(incl. RGPPL)	5393	5204	5752	5802	4747	4664	4498
Wind	323	972	719	673	1220	993	871
CPP	2166	2166	2131	2738	2760	2553	2539
TPCL Asst	-857	-891	-1135	-1111	-923	-735	-597
MSEDCL Catered	14000	13513	13959	13683	13144	13484	13360
Load Shedding (LS)	694	0	69	58	59	58	58
MSEDCL Demand(Incl LS)	14694	13513	14028	13741	13203	13542	13418
TPCL + REL Dem.	3031	3021	3018	3027	3035	2808	2183
State Demand (Incl LS)	17725	16534	17046	16768	16238	16350	15601
Sys. Freq. (Hz)	49.77	49.94	49.97	49.97	50.06	49.95	49.95
Evening Peak Demand (MW)	17 Hrs	17 Hrs	17 Hrs	17 Hrs	17 Hrs	17 Hrs	21 Hrs
MSPGCL THM	4940	4987	4931	4652	4180	4941	4794
MSPGCL HY	1121	871	541	681	606	383	155
MSPGCL GAS	459	422	275	312	312	315	444
MSPGCL TOTAL	6520	6280	5747	5645	5098	5639	5393
Cent. Sect.(incl. RGPPL)	5353	5181	5918	4715	4622	4373	4488
Wind	242	894	980	1179	1399	1311	1429
CPP	2107	2115	2102	2649	2727	2585	2413
TPCL Asst	-922	-1054	-1126	-1033	-1105	-833	-836
MSEDCL Catered	13300	13423	13621	13155	12765	13099	12910
Load Shedding (LS)	507	0	72	61	62	59	58
MSEDCL Demand(Incl LS)	13807	13423	13693	13216	12827	13158	12968
TPCL + REL Dem.	3033	2993	3002	3034	3071	2748	2422
State Demand (Incl LS)	16840	16416	16695	16250	15898	15906	15390
Sys. Freq. (Hz)	50.07	49.98	50.05	49.94	50.24	49.99	50.07

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	20-May-13	TO	26-May-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	20-May-2013		21-May-2013		22-May-2013		23-May-2013		24-May-2013		25-May-2013		26-May-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	*	*	*	*	*	*	*	*	*	*	*	6	*	6
3	KHAPERKHEDA	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4	PARALI	3,4,5,6,7	*	3,4,5,6,7	*	3,4,5,6,7	*	3,4,5,6,7	*	3,4,5,6,7	*	3,4,5,6,7	*	3,4,5,6,7	*
5	CHANDRAPUR	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6	BHUSAVAL	*	*	*	2	*	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		TOTAL INTER STATE BILATERAL PURCHASE		TOTAL SHARE		TOTAL DRAWL		OVERDRAWL(+) UNDRAWL(-)	
		MUs	AVG. MW	MUs	AVG. MW	MUs	AVG. MW	MUs	AVG. MW	MUs	AVG. MW
		1		2		1+2=3		4		3-4=5	
20-May-2013	MONDAY	119.409	4975	1.630	68	121.039	5043	121.495	5062	0.456	19
21-May-2013	TUESDAY	116.984	4874	2.630	110	119.614	4984	123.313	5138	3.699	154
22-May-2013	WEDNESDAY	116.963	4873	8.270	345	125.233	5218	135.753	5656	10.520	438
23-May-2013	THURSDAY	112.829	4701	5.520	230	118.349	4931	124.502	5188	6.153	256
24-May-2013	FRIDAY	105.531	4397	2.430	101	107.961	4498	112.132	4672	4.171	174
25-May-2013	SATURDAY	101.528	4230	2.880	120	104.408	4350	105.035	4376	0.627	26
26-May-2013	SUNDAY	101.783	4241	1.470	61	103.253	4302	107.867	4494	4.614	192
	TOTAL	775.027		24.830		799.857		830.097		30.240	

Details of Koyna Water Consumption (In TMC)

DATE	For the Day	For the Month	Balance
20-May-13	0.240	5.207	0.816
21-May-13	0.160	5.367	0.656
22-May-13	0.195	5.562	0.461
23-May-13	0.236	5.798	0.225
24-May-13	0.212	6.010	0.013
25-May-13	0.095	6.105	-0.082
26-May-13	0.090	6.195	-0.172

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												
20-May-13	17	4940	1121	459	6520	5353	242	2107	-922	13300	507	13807	1593	518	16333	16840	50.07
21-May-13	17	4987	871	422	6280	5181	894	2115	-1054	13423	0	13423	1682	257	16416	16416	49.98
22-May-13	17	4931	541	275	5747	5918	980	2102	-1126	13621	72	13693	1617	259	16623	16695	50.05
23-May-13	17	4652	681	312	5645	4715	1179	2649	-1033	13155	61	13216	1480	521	16189	16250	49.94
24-May-13	17	4180	606	312	5098	4622	1399	2727	-1105	12765	62	12827	1443	523	15836	15898	50.24
25-May-13	17	4941	383	315	5639	4373	1311	2585	-833	13099	59	13158	1392	523	15847	15906	49.99
26-May-13	21	4794	155	444	5393	4488	1429	2413	-836	12910	58	12968	1109	477	15332	15390	50.07
Maximum		4987	1121	459	6520	5918	1429	2727	-833	13621	507	13807	1682	523	16623	16840	50.24
Minimum		4180	155	275	5098	4373	242	2102	-1126	12765	0	12827	1109	257	15332	15390	49.94
Average		4775	623	363	5760	4950	1062	2385	-987	13182	117	13299	1474	440	16082	16199	50.05

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												
20-May-13	12	5225	1297	453	6975	5393	323	2166	-857	14000	694	14694	1651	523	17031	17725	49.77
21-May-13	12	4925	664	462	6051	5204	972	2166	-891	13513	0	13513	1735	395	16534	16534	49.94
22-May-13	12	5024	1181	287	6492	5752	719	2131	-1135	13959	69	14028	1623	260	16977	17046	49.97
23-May-13	12	4309	1012	260	5581	5802	673	2738	-1111	13683	58	13741	1537	379	16710	16768	49.97
24-May-13	12	4193	829	318	5340	4747	1220	2760	-923	13144	59	13203	1588	524	16179	16238	50.06
25-May-13	12	4890	810	309	6009	4664	993	2553	-735	13484	58	13542	1550	523	16292	16350	49.95
26-May-13	12	4692	912	445	6049	4498	871	2539	-597	13360	58	13418	1140	446	15543	15601	49.95
Maximum		5225	1297	462	6975	5802	1220	2760	-597	14000	694	14694	1735	524	17031	17725	50.06
Minimum		4193	664	260	5340	4498	323	2131	-1135	13144	0	13203	1140	260	15543	15601	49.77
Average		4751	958	362	6071	5151	824	2436	-893	13592	142	13734	1546	436	16467	16609	49.94

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
20-May-13	123.717	13.656	10.972	0.106	148.451	121.495	121.039	11.953	49.091	31.933	12.266	-16.552	314.437	60.752	375.189
21-May-13	119.271	10.713	10.829	0.187	141.000	123.313	119.614	21.928	48.809	33.084	9.133	-18.740	316.313	60.956	377.269
22-May-13	118.686	11.759	6.926	0.113	137.484	135.753	125.233	19.629	50.198	31.956	6.219	-23.049	320.019	61.224	381.243
23-May-13	108.265	12.684	7.418	0.182	128.549	124.502	118.349	19.181	61.785	30.662	9.476	-21.183	312.836	61.318	374.154
24-May-13	105.332	11.453	7.665	0.271	124.721	112.132	107.961	26.660	63.380	30.857	12.567	-18.709	306.184	62.130	368.314
25-May-13	116.362	7.238	8.338	0.265	132.203	105.035	104.408	29.762	61.800	29.299	12.044	-17.409	311.391	58.749	370.140
26-May-13	114.356	6.624	10.785	0.218	131.983	107.867	103.253	27.211	59.442	24.774	10.510	-17.063	309.437	52.348	361.785
Maximum	123.717	13.656	10.972	0.271	148.451	135.753	125.233	29.762	63.380	33.084	12.567	-16.552	320.019	62.130	381.243
Minimum	105.332	6.624	6.926	0.106	124.721	105.035	103.253	11.953	48.809	24.774	6.219	-23.049	306.184	52.348	361.785
Average	115.141	10.590	8.990	0.192	134.913	118.585	114.265	22.332	56.358	30.366	10.316	-18.958	312.945	59.640	372.585

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.

Maharashtra State Load Despatch Centre, Kalwa

Information for Weekly Cabinet Meeting

For the Week

20-May-13

to

26-May-13

Demand Supply Summary

	Morning Peak (MW)	Evening Peak (MW)
Average Peak Demand	13734	13299
Average Peak Supply	13592	13182
Average Load Relief (LS)	142	117

Average Supply Summary

	Morning Peak (MW)	Evening Peak (MW)	Mus
Thermal	4751	4775	115.14
Gas	362	363	8.99
Hydro	958	623	10.59
CS Drawal (Total)	5151	4950	118.59
TPCL	-893	-987	-18.96

Koyna Water position

	Water in TMC Feet
Average Water Used Per Day	0.175
Balance Left	-0.172
Balance Left Last Year Same Week	1.053

MSPGCL Unit Outage Position

Date	MSPGCL (in MW)		
	Planned	Forced	Total
20-May-13	1130	0	1130
21-May-13	1130	210	1340
22-May-13	1130	210	1340
23-May-13	1130	500	1630
24-May-13	1130	0	1130
25-May-13	1130	210	1340
26-May-13	1130	210	1340

Distressed Load Shedding

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

GENERATING UNIT OUTAGES FOR THE WEEK

FROM 20-May-13 TO 26-May-13

UNIT UNDER PLANNED OUTAGE

name	unit_no	derat_cap	date_trip	time_trip	date_sync	time_sync	reasondes
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	160	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.
Uran	Unit 8	108	7-May-13	00.15		Continued.	Turbine Blade & Mixing Chamber Work

UNIT UNDER FORCED OUTAGE

name	unit_no	derat_cap	date_trip	time_trip	date_sync	time_sync	reason
Dabhol	2B	230	3-Jan-13	13.29		Continued.	Gas shortage.
CPP	Adani U-2	660	22-Apr-13	13.47		Continued.	ID fan problem.
Dabhol	2A	230	11-May-13	04.30		Continued.	Gas Shortage
Dabhol	2X	290	11-May-13	04.28		Continued.	Gas Shortage
CPP	WPCL U-3	135	11-May-13	11.25		Continued.	Maintenance Problem.
CPP	Adani U1	660	17-May-13	17.38	22-May-13	19.38	Water Shortage
Bhusawal	Unit 2	210	20-May-13	14.42	23-May-13	01.57	ID Fan Vibration problem.
Bhusawal	Unit 5	500	20-May-13	14.49	20-May-13	18.36	Furnace pressure low.
REL	1	250	21-May-13	11.43	23-May-13	10.44	BLR T/L.
Bhusawal	Unit 5	500	21-May-13	10.18	21-May-13	13.45	Drum level very low.
Bhusawal	Unit 4	500	22-May-13	22.49	23-May-13	15.06	Bus bar protection operated due to R ph.CT bursting of GT-5 bay.
Bhusawal	Unit 5	500	22-May-13	22.49	24-May-13	17.06	Bus bar protection operated due to R ph.CT bursting of GT-5 bay.
Koyna	Unit 11	80	22-May-13	20.45	23-May-13	05.15	For U-12 trash rack repair work by WRD.
Uran	Unit 5	108	22-May-13	07.46	25-May-13	16.38	Gas Shortage
Dabhol	1A	230	23-May-13	12.58		Continued.	Gas Shortage
Dabhol	1B	230	23-May-13	12.58		Continued.	Gas Shortage
Dabhol	1X	290	23-May-13	12.58		Continued.	Gas Shortage
Uran	Unit A0	120	23-May-13	11.01	23-May-13	12.21	Control Fluid pressure Low
Khaparkheda	Unit 4	210	23-May-13	10.16	23-May-13	14.42	Furnance pressure High
Koyna	Unit 8	80	23-May-13	15.30		Continued.	Bearing temp.high.
Koradi	Unit 6	210	24-May-13	12.57		Continued.	Boiler tube leakage.
Bhusawal	Unit 4	500	24-May-13	08.16	25-May-13	00.10	Due to tripping of Stn.T/F-4A.
Bhusawal	Unit 5	500	24-May-13	17.09	24-May-13	18.24	Cooling gas temp.high.
Bhusawal	Unit 5	500	24-May-13	18.27	24-May-13	23.10	Tripped due to AC supply failed.
CPP	Adani U-3	660	24-May-13	18.35	24-May-13	18.40	Synch.first time with grid.
CPP	Adani U-3	660	25-May-13	01.18		Continued.	Turbine over speed testing.
Khaparkheda	Unit 2	210	26-May-13	05.58		Continued.	CHP Belt Broken

LINE OUTAGES FOR THE WEEK

FROM 20-May-13 TO 26-May-13

Voltage	Name	date_trip	time_trip	date_sync	time_sync	Reason
400KV	Bhusawal - Deepnagar - I	5-Apr-13	09.26	23-May-13	00.44	Over Voltage.
400KV	Babaleshwar - Bhusawal	16-May-13	09.47	23-May-13	17.50	For diversion of existing 400KV BSL-BBLR from L.No.36 to 42.Outage for 8 days.
400KV	Kolhapur-Solapur (PG) II	16-May-13	10.46	23-May-13	12.04	H/T to control Wardha(PG)-Parli load.
400KV	Dhule-SarSarovar - I	16-May-13	23.01	20-May-13	07.07	Over Voltage.
400KV	Bhusawal- Aurangabad	17-May-13	22.24	22-May-13	23.01	Over Voltage
400KV	Karad - Kolhapur - II	19-May-13	17.52	20-May-13	06.42	Over Voltage.
400KV	Kolhapur - Mapusa - I	19-May-13	16.35	20-May-13	09.32	Over Voltage.
400KV	Akola - Aurangabad - I	19-May-13	18.41	20-May-13	14.00	Heavy Sparking on R Phase Bus-I Isolator Taken on TBC to Bus-II.
400KV	Wardha - Akola - I	19-May-13	21.41	20-May-13	07.40	Over Voltage
400KV	Karad-Jaigad I	20-May-13	01.13	20-May-13	06.34	Distance Protection
400KV	Kalwa-Kharghar	20-May-13	16.30	20-May-13	19.34	Replacement of isolator clamp (29B) isolator B-Phase (taken on TBC).
400KV	Dabhol - Nagothane - I	20-May-13	09.16	20-May-13	16.38	Replacement of broken conductor in span 85-86 E/W in span 182-183.
400KV	400 KV Main Bus - I @ Aurangabad	20-May-13	14.53	21-May-13	20.26	Hot Spot attending work.
400KV	Kolhapur - Mapusa - II	20-May-13	17.07	21-May-13	09.11	H/T for over voltage.
400KV	Karad-Jaigad I	20-May-13	14.58	20-May-13	19.37	Distance protection.
400KV	Karad - Kolhapur - II	20-May-13	16.26	21-May-13	07.42	Tripped on Over Voltage.
400KV	Karad - Newkoyna - I	20-May-13	17.48	21-May-13	06.48	Distance protection.
400KV	Dhule - S'Sarovar - II	20-May-13	08.01	21-May-13	10.03	Jumper tightening at various locations. (Ready for charging at 18.56)
400KV	Karad-New Koyna II	21-May-13	01.22	21-May-13	01.46	Tripped on distance protection.
400KV	Karad-Jaigad I	21-May-13	01.18	21-May-13	01.51	Tripped on distance protection.
400KV	Lonikand- Koyna Stage IV	21-May-13	01.14	21-May-13	07.50	Tripped on distance protection.
400KV	Karad-New Koyna II	21-May-13	01.55	21-May-13	07.12	Tripped on distance protection.
400KV	Karad-Jaigad I	21-May-13	02.47	21-May-13	06.50	Tripped on distance protection.
400KV	Newkoyna - Jaigad - I	21-May-13	09.38	21-May-13	16.49	Cold washing of insulator strings at Jaigad&Kurdi.
400KV	400/220KV,500 MVA ICT-III at Nagothane	21-May-13	09.28	21-May-13	19.48	P.M.Work& Testing work.
400KV	400/220 KV 315MVA ICT- II @ Kolhapur	21-May-13	09.17	21-May-13	19.47	P.M.Work
400KV	Dabhol - Nagothane - I	21-May-13	08.54	22-May-13	01.06	Repl.of Cond.& E/W.
400KV	Kolhapur - Mapusa - I	21-May-13	16.42	22-May-13	09.46	Over Voltage.
400KV	TBC at Dhule	21-May-13	10.15	23-May-13	19.09	while shifting the line through TBC.
400KV	Karad-New Koyna II	21-May-13	22.28	22-May-13	00.09	To attend hot spot.
400KV	Wardha-Warora-II	21-May-13	12.28	22-May-13	15.31	Dist.protection
400KV	400/220 KV 315 MVA ICT - II @ Lamboti	22-May-13	10.17	22-May-13	15.12	Maintenance work.
400KV	New Koyna-Jaigad II	22-May-13	08.56	22-May-13	14.59	Cold line insulator washing .
400KV	400/220,315 MVA ICT-I at Lamboti	22-May-13	15.22	22-May-13	18.47	Maintenance work.
400KV	Karad - Newkoyna - I	22-May-13	16.57	22-May-13	22.22	Attending hot spot at isolator.
400KV	Padgha - Talegaon (PG)	22-May-13	11.40	22-May-13	17.17	Hot line work.
400KV	Kolhapur - Mapusa - I	22-May-13	17.56	23-May-13	09.32	Over Voltage.
400KV	Main Bus-I at Deepnagar	22-May-13	22.49	23-May-13	00.10	Bus bar protection operated due to R ph.CT bursting of GT-5 bay.
400KV	Main Bus-II at Deepnagar	22-May-13	22.49	23-May-13	00.10	Bus bar protection operated due to R ph.CT bursting of GT-5 bay.
400KV	Deepnagar-Aurangabad-II	22-May-13	22.49	23-May-13	00.48	Bus bar protection operated due to R ph.CT bursting of GT-5 bay.
400KV	400/220 KV 500 MVA ICT-I @ Deepnagar	22-May-13	22.49	23-May-13	00.30	Bus bar protection operated due to R ph.CT bursting of GT-5 bay.
400KV	400/220 KV,500MVA ICT-II at Deepnagar.	22-May-13	22.49	23-May-13	00.10	Bus bar protection operated due to R ph.CT bursting of GT-5 bay.
400KV	Khadka - Deepnagar - II	22-May-13	22.49		Continued.	Bus bar protection operated due to R ph.CT bursting of GT-5 bay.(B ph.Bkr pole of Khadka Ckt.II burst.)
400KV	400/11 KV 80 MVA Station T/F 4A @ Deeg	22-May-13	22.49	23-May-13	00.12	Bus bar protection operated due to R ph.CT bursting of GT-5 bay.
400KV	400/11KV 80 MVA STN.T/F 4B at Deepnagar	22-May-13	22.49	23-May-13	00.14	Bus bar protection operated due to R ph.CT bursting of GT-5 bay.
400KV	Dhule-SarSarovar - I	22-May-13	23.34	23-May-13	11.00	Over Voltage.
400KV	Dabhol - New Koyna - I	23-May-13	05.49	23-May-13	13.31	Distance protection.
400KV	400/220 KV 600 MVA ICT- II @ Kalwa	23-May-13	07.03	23-May-13	11.29	Attend hot spot.Taken on TBC.
400KV	Padgha-Tarapur - II	23-May-13	08.40	23-May-13	23.42	Work at Tarapur end
400KV	Lonikand-Karad	23-May-13	09.38	23-May-13	23.12	Attnded hot spot of Y ph. isolator.Ready for charging at 17.40 Hrs.
400KV	Kolhapur - Mapusa - I	23-May-13	16.35		Continued.	Over Voltage
400KV	Deepnagar-Aurangabad-II	23-May-13	19.25		Continued.	Over Voltage
400KV	Bhusawal- Aurangabad	23-May-13	17.54		Continued.	Over Voltage
400KV	Dhule-SarSarovar - II	23-May-13	22.31	24-May-13	06.53	Over voltage
400KV	Karad - Kolhapur - II	24-May-13	03.11	24-May-13	06.43	Over Voltage.
400KV	400/220KV,500MVA ICT-III At Kalwa.	24-May-13	07.05	24-May-13	18.25	Tan delta and bay maintenance.
400KV	New Koyna-Jaigad II	24-May-13	11.10	24-May-13	22.00	Due to outage on Main Bus-I at New Koyns.
400KV	Main Bus - I @ New Koyna	24-May-13	11.20	24-May-13	21.47	Replacement of B ph.isolator.
400KV	400/220KV 315 MVA ICT-I @ Padgha	24-May-13	11.39	24-May-13	14.36	P.M.maintenance work.
400KV	400/220KV,315 MVA ICT-I At Lonikand.	24-May-13	10.51	25-May-13	17.55	To attend red hot spot.Taken on TBC.
400KV	400/220 KV 315 MVA ICT-III @ Padgha	24-May-13	14.44	24-May-13	17.31	P.M,maintenance work.
400KV	400/220 KV 500 MVA ICT-I @ Deepnagar	24-May-13	08.10	24-May-13	21.11	4 affected.
400KV	400/220 KV,500MVA ICT-II at Deepnagar.	24-May-13	08.10	24-May-13	21.22	220KV Bus Bar protection operated.
400KV	400/11 KV 80 MVA Station T/F 4A @ Deeg	24-May-13	08.16	24-May-13	09.11	B ph.LV sude CT burst 220KV side bus bar operated Gen.of U-4 affected.
400KV	Kolhapur-Solapur (PG) II	24-May-13	06.52		Continued.	Over Voltage
400KV	Parli (PG) - Wardha (PG) - II	24-May-13	07.10	24-May-13	14.16	Hot spot attended.
400KV	Dhule-SarSarovar - I	25-May-13	02.54		Continued.	Over Voltage.
400KV	Chandrapur - Khaparkheda	25-May-13	07.10	25-May-13	17.22	Replacement of Damaged Scissor Arm of PG Isolator, Taken on TBC
400KV	Padgha - Babaleshwar - II	25-May-13	08.42	25-May-13	17.09	Replacement of Damaged and Flashover Insulator String
400KV	New Koyna - Dabhol - I	26-May-13	01.07		Continued.	Distance Protection
220KV	Tarapur - Boiser	13-Apr-13	10.33	25-May-13	16.23	Mumbai Stengthening Work & Now Line Tarapur-Ghodbunder.(one month)
220KV	Ghodbandar - Bhoisor (MSETCL)	13-Apr-13	10.09	25-May-13	16.44	Mumbai Strengthening Work.
220KV	Pophali-New Koyna	20-May-13	09.17	20-May-13	15.30	Preventive maintenance.
220KV	KDPH-Wankuswadi	20-May-13	03.15	20-May-13	14.00	Distance protection
220KV	Kandalgaon - Sona Alloy	20-May-13	01.03	20-May-13	01.20	Distance Protection
220KV	Nasik-Navsari -II	20-May-13	02.13	20-May-13	10.38	Distance Protection.
220KV	220/110KV 200MVA T/F 4 at Tilwani	20-May-13	10.08	20-May-13	11.25	Preventive maintenance.
220KV	220/100KV 200MVA ICT-III at Apta	20-May-13	10.19	20-May-13	12.00	Preventive maintenance work.
220KV	220/100 KV 200 MVA ICT - IV @ Apta	20-May-13	14.58	20-May-13	17.21	Preventive maintenance work.

220KV	Kandalgaon - Topworth	20-May-13	13.58	20-May-13	17.25	B To Y Phase fault.
220KV	Wardha-Bhugaon	20-May-13	11.28	20-May-13	19.29	Final wiring pf retrofitted dist. scheme and trial of A/R scheme.
220KV	Chalisgaon - Bhusawal- II	20-May-13	08.53	20-May-13	10.57	Attending oil leakages of CT.
220KV	Dondaicha - Sahada	20-May-13	10.29	20-May-13	14.45	Replacement of existing relay and control panel.
220KV	Nanded - Parali	20-May-13	18.05	21-May-13	02.30	Tripped on distance protection, R-Phase jumper broken at Loc. 310 .
220KV	Kandalgaon - Pirangut	21-May-13	01.45	21-May-13	09.26	Tripped on distance protection.
220KV	Kandalgaon - Sona Alloy	21-May-13	04.12	21-May-13	04.40	Tripped on distance protection.
220KV	Kandalgaon - Sona Alloy	21-May-13	05.34	21-May-13	17.05	Tripped on distance protection.
220KV	52 B Breaker Interconnector @ Kalwa	21-May-13	08.01	21-May-13	13.38	Repl.of CT due to high tandelta.
220KV	Karad-Pophali	21-May-13	08.40	21-May-13	15.21	Prev.Maintenance.
220KV	Bus Section I at ONGC Panvel.	21-May-13	09.13	21-May-13	14.15	Repl.of P.T.Isolators.
220KV	Talangade - Mumewadi	21-May-13	09.24	21-May-13	11.18	Repl.of flashover insulator of B-Ph.
220KV	220/100 KV 200 MVA ICT-II @ Apta	21-May-13	11.00	21-May-13	13.17	P.M.Work
220KV	Hinganghat-Bhugaon	21-May-13	11.14	21-May-13	13.35	Relay testing work & D/P Bypassed.
220KV	220/100KV 200MVA ICT-I at Taloja	21-May-13	12.05	21-May-13	16.50	R.M.Work
220KV	52A CB Interconnector at Kalwa	21-May-13	10.55	21-May-13	11.15	Tripped on load affect.
220KV	220/132KV 200MVA ICT-I at Chikhali	21-May-13	09.35	21-May-13	13.05	Pre.monsoon maint.
220KV	Koradi-Butibori	21-May-13	14.18	21-May-13	15.12	Dist.protection.
220KV	Koradi-Butibori	21-May-13	22.05	21-May-13	22.10	To carry isolator operation at Butibori TSS S/S.
220KV	Pusad-Nanded	21-May-13	11.09	21-May-13	13.44	In view of Bhugaon-Hinghat outage.
220KV	Butibori TSS -Butibori(MIDC)	21-May-13	14.18	21-May-13	17.54	Dist Protection.
220KV	220/66 KV 50 MVA ICT- II @ Pusad	21-May-13	20.10		Continued.	Diff Protection.
220KV	Butibori TSS -Butibori(MIDC)	21-May-13	20.13	21-May-13	22.08	To carry isolator operation at Butibori TSS S/S.
220KV	Kharghar-Uran-I	22-May-13	09.15	22-May-13	13.00	To attend hot spot R ph.,D isolator.
220KV	220/100KV 200 MVA ICT- III @ Padgha	22-May-13	10.46		Continued.	days.
220KV	Mudsinghi - Mumewadi - I	22-May-13	08.45	22-May-13	18.46	Cold line insulator washing.
220KV	Pophali - KDPH	22-May-13	08.35	22-May-13	15.00	Preventive maintenane work.
220KV	Nasik-Navsari-I	22-May-13	09.40	22-May-13	17.36	Maintenance work by GETCO.
220KV	Hinganghat-Bhugaon	22-May-13	11.20	22-May-13	15.26	For wiring and trial on New Dist.protection scheme.
220KV	Bhosari - Chakan	23-May-13	07.01	23-May-13	10.16	Replacement of R ph.cross arm member and isolator.
220KV	Nasik-Navsari-I	23-May-13	09.15	23-May-13	18.29	Work at Navsari end
220KV	Nasik - Airoli - Knowledge Park	23-May-13	09.29	23-May-13	13.23	Attend red hot on B ph.and Testing work.
220KV	Jejuri-Jejuri I	23-May-13	10.12	23-May-13	11.50	Taken on TBC.
220KV	Kandalgaon - Pirangut	23-May-13	11.15	23-May-13	19.03	Commissioning of autoreclosing and premansoon maint.work.
220KV	Chinchwad-Parvati	23-May-13	08.15	23-May-13	11.10	To control C'Wad-Chaken Line
220KV	220/132KV 200 MVA ICT- III @ Chinchwad	23-May-13	15.27	23-May-13	19.45	PM work.
220KV	220/132 KV,150 MVA ICT-7 at Chinchwad	23-May-13	09.30	23-May-13	15.10	PM work.
220KV	Mahad-Pasco	23-May-13	10.21	23-May-13	18.20	Replacement of insulator string.
220KV	Mudsinghi - Mumewadi - I	23-May-13	08.10	23-May-13	19.03	Cold line washing of insulator string.
220KV	Vankuswadi-KDPH	23-May-13	12.55	23-May-13	14.10	Insulator string broken.
220KV	Pophali - KDPH	23-May-13	12.55	23-May-13	14.10	Tripped at KDPH.
220KV	220/132 KV 150 MVA ICT @ Ambazari	23-May-13	08.10	23-May-13	12.14	Attending hot spot on R ph.line isolator.(ICT HV side is on TBC)
220KV	Dondaicha - Shahada	23-May-13	14.25	23-May-13	17.50	For existing relay and control panel repl.work.
220KV	Khaperkheda-Purti	23-May-13	09.08	23-May-13	12.38	Measurement of breaker timings.
220KV	Hingoli-Pusad	23-May-13	07.26	23-May-13	14.35	Repl. of detective insulator string.
220KV	Wardha - Yawatmal	23-May-13	09.01	23-May-13	14.32	Cleaning of jumper and tightening of nut bolts.
220KV	Apta-Uran-III	24-May-13	01.45	24-May-13	11.24	Distance protection.
220KV	Mudsinghi - Mumewadi - I	24-May-13	08.12	24-May-13	15.29	Cold line washing.
220KV	Pophali-K'gaon	24-May-13	10.15	24-May-13	17.25	P.M.Work
220KV	220/110 KV T/F - 3 @ Mudshingi	24-May-13	09.03	24-May-13	15.25	Annual maintenance work.
220KV	Uran - JNPT	24-May-13	11.30	24-May-13	18.17	Replacement of insulator string.
220KV	Deepnagar - Bambhori	24-May-13	08.10	24-May-13	09.36	220KV Bus Bar protection operated.
220KV	Deepnagar-Khadka I	24-May-13	08.10	24-May-13	09.26	220KV Bus Bar protection operated.
220KV	Deepnagar-Khadka-II	24-May-13	08.10	24-May-13	09.28	220KV Bus Bar protection operated.
220KV	Amalner-Deepnagar	24-May-13	08.10	24-May-13	09.34	220KV Bus Bar protection operated.
220KV	Pophali - Karad	24-May-13	11.28	24-May-13	15.05	Distance protection.
220KV	Nasik-Navsari-I	24-May-13	08.24	24-May-13	18.42	Insulator washing at Navasari end.
220KV	220/132 KV,100MVA ICT-II At Padegaon.	24-May-13	10.02	24-May-13	17.10	Q.M.Work
220KV	Vankuswadi-KDPH	25-May-13	02.30	25-May-13	18.50	Distance protection.
220KV	M.B. At KDPH.	25-May-13	02.30	25-May-13	06.00	Due to tripping of KDPH-Vankushwadi.
220KV	Pophali - KDPH	25-May-13	02.30	25-May-13	03.00	Due to bus fault.
220KV	Bombay Dyeing - Sahara	25-May-13	05.14	25-May-13	07.07	Distance protection Z 1.
220KV	Apta-Uran-III	25-May-13	05.55	25-May-13	11.44	Distance protection operated.
220KV	Kalwa-Trombay	25-May-13	07.51	25-May-13	14.41	Tan Delta Testing of winding
220KV	220/132 KV 200 MVA ICT - II @ Raymand	25-May-13	10.04	25-May-13	12.24	Tan Delta Testing
220KV	KDPH-Wankuswadi	25-May-13	09.25	25-May-13	18.50	Half Main Bus Outage
220KV	Nasik-Navsari-I	25-May-13	10.21	25-May-13	17.46	Work at Navsari
220KV	Mahalakshmi - Amona	25-May-13	11.54	25-May-13	13.41	Tree Cutting work
220KV	Babaleshwar - Chalisgaon	25-May-13	07.15	25-May-13	18.01	Rectification work
220KV	Aurangabad-Jalna-I	25-May-13	14.12	25-May-13	17.14	CT to Line Isolator Y PHase Jumper Open
220KV	Badnera-Akola-II	25-May-13	17.18	26-May-13	02.15	Replacement of Line Insulators
220KV	Tarapur - Ghodbundar	25-May-13	08.16	25-May-13	16.44	Normalization of Tarapur-Bhoisor line
220KV	Trombay-Tata Tie - I	26-May-13	06.30	26-May-13	11.30	Cold Line Washing.
220KV	Trombay - Tata Tie - II	26-May-13	11.40	26-May-13	21.00	Cold Line Washing.
220KV	Vankuswade-Maiharpath	26-May-13	10.10	26-May-13	18.18	Insulator Replacement Work.
220KV	Vankushwadi - MIDC Satara - I	26-May-13	09.25	26-May-13	18.25	Insulator Replacement Work.
220KV	Tarapur-Borivali	26-May-13	08.40	26-May-13	18.00	Pre Mansoon Miantenance.
220KV	Nasik-Navsari-I	26-May-13	08.08	26-May-13	17.51	Insulator Cold Washing.
132KV	Sawda-Raver	21-May-13	13.47	21-May-13	13.54	Dist.protection.
132KV	Harangul-Chakur	24-May-13	14.00	24-May-13	14.13	Distaance protection operated.
132KV	Nanded - Tamsa	26-May-13	09.51	26-May-13	15.32	Distance Protection Operated Z-I R & Y.
132KV	Girwali - Kej	26-May-13	09.32	26-May-13	11.35	To Attend Sparking on Wave Trap.
100KV	Borivali - Borivali- I	24-May-13	10.24	24-May-13	14.40	Line maintenance work.