

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 19-Aug-13 To 25-Aug-13

Date	Monday 19-Aug-13	Tuesday 20-Aug-13	Wednesday 21-Aug-13	Thursday 22-Aug-13	Friday 23-Aug-13	Saturday 24-Aug-13	Sunday 25-Aug-13
On Line Capacity (MW)							
MSPGCL THM	2955	3355	3275	3462	3375	3338	3735
MSPGCL HY	1385	1385	1385	1365	1305	1305	1295
MSPGCL GAS	465	465	460	470	460	465	450
MSPGCL TOTAL	4805	5205	5120	5297	5140	5108	5480
Cent. Sect.(incl. RGPPL)	4375	4477	4297	4523	4477	4321	3809
MSPGCL + CS	9180	9682	9417	9820	9617	9429	9289
TPCL	1197	1197	1197	1197	1197	1197	1197
REL	500	500	500	500	500	500	500
TPCL + REL	1697	1697	1697	1697	1697	1697	1697
CPP	2698	2676	2702	2427	2459	2307	2709
STATE OLC	13575	14055	13816	13944	13773	13433	13695
Morning Peak Demand (MW)	12 Hrs	10 Hrs	10 Hrs	11 Hrs	10 Hrs	12 Hrs	12 Hrs
MSPGCL THM	2754	3024	2841	3549	2820	3225	3095
MSPGCL HY	449	309	638	384	862	390	362
MSPGCL GAS	471	467	471	472	463	468	468
MSPGCL TOTAL	3674	3800	3950	4405	4145	4083	3925
Cent. Sect.(incl. RGPPL)	4730	4550	4543	4666	4253	4529	4054
Wind	1278	1657	1604	1269	1636	1366	1538
CPP	2952	2955	2605	2618	2602	2459	2768
TPCL Asst	-1189	-1035	-954	-1203	-1009	-1082	-733
MSEDCL Catered	11462	11944	11765	11771	11637	11372	11569
Load Shedding (LS)	155	204	444	383	530	527	453
MSEDCL Demand(Incl LS)	11617	12148	12209	12154	12167	11899	12022
TPCL + REL Dem.	2923	2536	2660	2903	2689	2761	2168
State Demand (Incl LS)	14540	14684	14869	15057	14856	14660	14190
Sys. Freq. (Hz)	50.03	50.15	50.03	50.05	49.9	50.11	49.99
Evening Peak Demand (MW)	21 Hrs	20 Hrs	17 Hrs	20 Hrs	20 Hrs	21 Hrs	21 Hrs
MSPGCL THM	2625	3085	2802	3385	2921	3354	3501
MSPGCL HY	712	623	518	429	680	471	404
MSPGCL GAS	467	468	468	465	465	454	469
MSPGCL TOTAL	3804	4176	3788	4279	4066	4279	4374
Cent. Sect.(incl. RGPPL)	4488	3623	4165	3960	4046	3827	3395
Wind	1213	1236	1389	1112	1264	970	939
CPP	2856	2867	2864	2638	2553	2763	2700
TPCL Asst	-893	-905	-1179	-973	-971	-880	-535
MSEDCL Catered	11485	11000	11038	11032	10971	10976	10887
Load Shedding (LS)	184	238	310	510	235	221	213
MSEDCL Demand(Incl LS)	11669	11238	11348	11542	11206	11197	11100
TPCL + REL Dem.	2520	2430	2748	2673	2708	2507	2152
State Demand (Incl LS)	14189	13668	14096	14215	13914	13704	13252
Sys. Freq. (Hz)	50.06	50.04	50.06	49.75	49.57	49.89	50.03

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	19-Aug-13	TO	25-Aug-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	19-Aug-2013		20-Aug-2013		21-Aug-2013		22-Aug-2013		23-Aug-2013		24-Aug-2013		25-Aug-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	*	*	*	4	*	4	*	*	*	*	*	*	*	*
2	KORADI	7	*	7	*	7	*	7	*	7	*	7	*	7	*
3	KHAPERKHEDA	*	1,3	*	1,3	*	3	*	3	*	*	*	*	*	*
4	PARALI	3,4,5	*	3,4,5	*	3,4,5	*	3,4,5	*	3,4,5	*	3,4,5	*	3,4,5	*
5	CHANDRAPUR	5	3	5	3	5	3	5	3	5	1	5	1	5	1
6	BHUSAVAL	*	4	*	*	*	4	*	3,4	*	3,4	*	3,4	*	3
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(+) 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	
19-Aug-2013	MONDAY	89.719	3738	3.970	165	93.689	3904	101.783	4241	8.094	337
20-Aug-2013	TUESDAY	88.259	3677	3.120	130	91.379	3807	95.546	3981	4.167	174
21-Aug-2013	WEDNESDAY	85.759	3573	4.190	175	89.949	3748	95.156	3965	5.207	217
22-Aug-2013	THURSDAY	89.570	3732	4.400	183	93.970	3915	96.904	4038	2.934	122
23-Aug-2013	FRIDAY	88.200	3675	2.730	114	90.930	3789	92.101	3838	1.171	49
24-Aug-2013	SATURDAY	89.417	3726	3.640	152	93.057	3877	93.472	3895	0.415	17
25-Aug-2013	SUNDAY	83.705	3488	-0.990	-41	82.715	3446	84.888	3537	2.173	91
	TOTAL	614.629		21.060		635.689		659.850		24.161	

Details of Koyna Water Consumption (In TMC)

DATE	For the Day	For the Month	Balance	flood control
19-Aug-13	0.000	0.790	63.058	0.139
20-Aug-13	0.016	0.806	63.042	0.02
21-Aug-13	0.096	0.902	62.946	0
22-Aug-13	0.064	0.966	62.882	0
23-Aug-13	0.063	1.029	62.819	0
24-Aug-13	0.038	1.067	62.781	0
25-Aug-13	0.035	1.102	62.746	0

Koyna gates was opened from 12:30Hrs of 12.08.2013 to 12:00Hrs of 20.08.2013 for flood control

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
19-Aug-13	21	2625	712	467	3804	4488	1213	2856	-893	11485	184	11669	1105	522	14005	14189	50.06
20-Aug-13	20	3085	623	468	4176	3623	1236	2867	-905	11000	238	11238	1028	497	13430	13668	50.04
21-Aug-13	17	2802	518	468	3788	4165	1389	2864	-1179	11038	310	11348	1044	525	13786	14096	50.06
22-Aug-13	20	3385	429	465	4279	3960	1112	2638	-973	11032	510	11542	1177	523	13705	14215	49.75
23-Aug-13	20	2921	680	465	4066	4046	1264	2553	-971	10971	235	11206	1212	525	13679	13914	49.57
24-Aug-13	21	3354	471	454	4279	3827	970	2763	-880	10976	221	11197	1102	525	13483	13704	49.89
25-Aug-13	21	3501	404	469	4374	3395	939	2700	-535	10887	213	11100	1091	526	13039	13252	50.03
Maximum		3501	712	469	4374	4488	1389	2867	-535	11485	510	11669	1212	526	14005	14215	50.06
Minimum		2625	404	454	3788	3395	939	2553	-1179	10887	184	11100	1028	497	13039	13252	49.57
Average		3096	548	465	4109	3929	1160	2749	-905	11056	273	11329	1108	520	13590	13863	49.91

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
19-Aug-13	12	2754	449	471	3674	4730	1278	2952	-1189	11462	155	11617	1209	525	14385	14540	50.03
20-Aug-13	10	3024	309	467	3800	4550	1657	2955	-1035	11944	204	12148	978	523	14480	14684	50.15
21-Aug-13	10	2841	638	471	3950	4543	1604	2605	-954	11765	444	12209	1183	523	14425	14869	50.03
22-Aug-13	11	3549	384	472	4405	4666	1269	2618	-1203	11771	383	12154	1177	523	14674	15057	50.05
23-Aug-13	10	2820	862	463	4145	4253	1636	2602	-1009	11637	530	12167	1156	524	14326	14856	49.90
24-Aug-13	12	3225	390	468	4083	4529	1366	2459	-1082	11372	527	11899	1156	523	14133	14660	50.11
25-Aug-13	12	3095	362	468	3925	4054	1538	2768	-733	11569	453	12022	911	524	13737	14190	49.99
Maximum		3549	862	472	4405	4730	1657	2955	-733	11944	530	12209	1209	525	14674	15057	50.15
Minimum		2754	309	463	3674	4054	1269	2459	-1203	11372	155	11617	911	523	13737	14190	49.90
Average		3044	485	469	3997	4475	1478	2708	-1029	11646	385	12031	1110	524	14309	14694	50.04

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
19-Aug-13	64.423	13.574	11.250	0.380	89.627	101.783	93.689	28.658	64.870	21.673	11.518	-22.209	262.729	55.377	318.106
20-Aug-13	69.409	7.029	11.281	0.381	88.100	95.546	91.379	36.276	63.145	19.888	10.723	-22.491	260.576	53.102	313.678
21-Aug-13	69.238	10.658	11.300	0.354	91.550	95.156	89.949	34.448	62.992	22.484	11.906	-22.054	262.092	56.445	318.537
22-Aug-13	79.067	7.851	11.224	0.356	98.498	96.904	93.970	29.143	60.847	22.795	11.989	-22.042	263.350	56.826	320.176
23-Aug-13	70.959	9.244	11.259	0.358	91.820	92.101	90.930	33.456	61.469	23.542	12.373	-21.254	257.592	57.169	314.761
24-Aug-13	76.750	6.526	11.126	0.360	94.762	93.472	93.057	28.822	61.005	21.793	11.995	-20.012	258.048	53.798	311.846
25-Aug-13	77.832	5.808	11.288	0.364	95.292	84.888	82.715	28.140	65.534	17.371	11.417	-17.230	256.624	46.016	302.640
Maximum	79.067	13.574	11.300	0.381	98.498	101.783	93.970	36.276	65.534	23.542	12.373	-17.230	263.350	57.169	320.176
Minimum	64.423	5.808	11.126	0.354	88.100	84.888	82.715	28.140	60.847	17.371	10.723	-22.491	256.624	46.016	302.640
Average	72.525	8.670	11.247	0.365	92.807	94.264	90.813	31.278	62.837	21.364	11.703	-21.042	260.144	54.105	314.249

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.

Maharashtra State Load Despatch Centre, Kalwa

Information for Weekly Cabinet Meeting

For the Week

19-Aug-13

to

25-Aug-13

Demand Supply Summary

	Morning Peak (MW)	Evening Peak (MW)
Average Peak Demand	12031	11329
Average Peak Supply	11646	11056
Average Load Relief (LS)	385	273

Average Supply Summary

	Morning Peak (MW)	Evening Peak (MW)	Mus
Thermal	3044	3096	72.53
Gas	469	465	11.25
Hydro	485	548	8.67
CS Drawal (Total)	4475	3929	94.26
TPCL	-1029	-905	-21.04

Koyna Water position

	Water in TMC Feet
Average Water Used Per Day	0.045
Balance Left	62.746
Balance Left Last Year Same Week	50.210

MSPGCL Unit Outage Position

Date	MSPGCL (in MW)		
	Planned	Forced	Total
19-Aug-13	1340	1130	2470
20-Aug-13	1340	840	2180
21-Aug-13	1340	1130	2470
22-Aug-13	1340	1130	2470
23-Aug-13	1340	920	2260
24-Aug-13	1340	920	2260
25-Aug-13	1340	420	1760

Distressed Load Shedding

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

GENERATING UNIT OUTAGES FOR THE WEEK

FROM 19-Aug-13 TO 25-Aug-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.
Parli	Unit 3	210	13-Feb-13	23.50		Continued.	Water Shortage
Parli	Unit 5	210	14-Feb-13	22.45		Continued.	Water Shortage
Koyna	Unit 11	80	4-Jun-13	13.25		Continued.	Rotar Fault.
Chandrapur	Unit 5	500	14-Jul-13	00.01		Continued.	Annual Overhaul
Tata	Trombay 7A	120	27-Jul-13	13.55		Continued.	Annual Overhaul
Tata	Trombay 7B	60	27-Jul-13	12.57		Continued.	Annual Overhaul
Koradi	Unit 7	210	9-Aug-13	07.22		Continued.	Annual Overhaul
Cent_Sect	Sipat U-1	660	15-Aug-13	02.00		Continued.	Annual Overhaul
Koyna	Unit 5	80	22-Aug-13	07.10	22-Aug-13	17.50	Preventive Maintenance.
Koyna	ST-IV 2	250	23-Aug-13	08.35		Continued.	Spherical Valve Problem.

UNIT UNDER FORCED OUTAGE

name	unit_no	derat_cap	date_trip	time_trip	date_sync	time_sync	reason
Dabhol	3B	230	28-May-13	21.58		Continued.	Gas shortage.
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	3X	290	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
Bhusawal	Unit 5	500	3-Jul-13	23.40		Continued.	ESP Problem.
Dabhol	2X	290	15-Jul-13	15.09		Continued.	Gas Shortage
CPP	VIPL	300	17-Jul-13	12.03	24-Aug-13	12:23	Turbine Problem.
Tata	Trombay 6	500	19-Jul-13	23.54		Continued.	Economic shut down.
Khaparkheda	Unit 1	210	30-Jul-13	04.41	20-Aug-13	05:53	Main Steam Temp.Low
Uran	Unit 8	108	1-Aug-13	17.13		Continued.	Gas Shortage.
CPP	Adani U-3	660	5-Aug-13	20.54		Continued.	PA Fan Problem
CPP	WPCL U-2	135	6-Aug-13	09.45		Continued.	Flame Failure
Dabhol	2B	230	8-Aug-13	15.03		Continued.	Withdrawn
Nasik	Unit 4	210	16-Aug-13	20.40	19-Aug-13	05.34	H P T Leakage.
Chandrapur	Unit 3	210	17-Aug-13	21:13	22-Aug-13	10.45	Poor Bunker Level & PCR.
Hydro	GhatgharU1	125	17-Aug-13	02.00	23-Aug-13	21.10	Turbine Bearing Oil Cooler Leakage
Bhusawal	Unit 4	500	18-Aug-13	12:34	24-Aug-13	12:14	Hooper problem
Khaparkheda	Unit 3	210	19-Aug-13	04.30	22-Aug-13	16.03	Boiler Tube Leakage
Nasik	Unit 4	210	19-Aug-13	13:47	22-Aug-13	03.50	Generator Prot. Operated.
CPP	WPCL U-1	135	19-Aug-13	12:24	19-Aug-13	15:16	220 KV Warora - Wardha Power Ckt. II "B" P.T. Burst.
CPP	WPCL U-4	135	19-Aug-13	12:24	19-Aug-13	18:20	220 KV Warora - Wardha Power Ckt. II "B" P.T. Burst.
CPP	WPCL U-3	135	19-Aug-13	12:24	19-Aug-13	19:11	220 KV Warora - Wardha Power Ckt. II "B" P.T. Burst.
Khaparkheda	Unit 1	210	20-Aug-13	11:17	20-Aug-13	14:04	UAT Problem.
Khaparkheda	Unit 1	210	20-Aug-13	15:07	20-Aug-13	17:35	UAT Problem.
Bhusawal	Unit 3	210	21-Aug-13	23.02		Continued.	H P Control Valve Leakage
CPP	JSW (J) U1	300	22-Aug-13	01.24	24-Aug-13	15:47	Condenser Tube Leakage.
Chandrapur	Unit 1	210	22-Aug-13	22.12		Continued.	Turbine Control Valve Leakage.
Chandrapur	Unit 4	210	23-Aug-13	16.04	23-Aug-13	23.25	Boiler Problem
Hydro	GhatgharU1	125	23-Aug-13	21.38	24-Aug-13	08:04	Due to Oil Leakage Problem.
Koyna	Unit 8	80	23-Aug-13	07:15	23-Aug-13	17:10	P.M. WORK
Bhusawal	Unit 2	210	24-Aug-13	23:31	25-Aug-13	04:37	Boiler Trip.
CPP	JSW (J) U4	300	24-Aug-13	00.04		Continued.	No Shedule.
Hydro	GhatgharU1	125	24-Aug-13	12:35	25-Aug-13	04:50	P.M.Work.
Bhusawal	Unit 2	210	25-Aug-13	09.06	25-Aug-13	12.28	Flame Failure
CPP	VIPL	300	25-Aug-13	10.53	25-Aug-13	13.01	Loss of Fuel
CPP	VIPL	300	25-Aug-13	18.56	25-Aug-13	21.00	Coal Mill Problem
CPP	WPCL U-3	135	25-Aug-13	17.56	25-Aug-13	19.28	High Furnace Pressure

LINE OUTAGES FOR THE WEEK

FROM 19-Aug-13 TO 25-Aug-13

Voltage	Name	date_trip	time_trip	date_sync	time_sync	Reason
500KV	HVDC POLE II - CHDPR	19-Aug-13	17:14	20-Aug-13	10:05	Blocked for Over Voltages.
500KV	HVDC POLE I - CHDPR	19-Aug-13	17:15	20-Aug-13	10:04	Blocked for Over Voltages.
500KV	765 KV Wardha PG - Seoni - I.	20-Aug-13	17:04		Continued.	Over Voltage.
500KV	765KV Wardha-Senoi-II (PGCIL)	20-Aug-13	20:30		Continued.	Over Voltage.
500KV	HVDC POLE - II	22-Aug-13	11.12		Continued.	Annual Maintenance Work. upto 28.08.13.
400KV	Chandrapur - Bhadravati - IV	19-Jul-13	15.56	21-Aug-13	17.33	Over Voltage.
400KV	Dabhol - NewKoyna - II	23-Jul-13	12.35	21-Aug-13	20.39	Over Voltage.
400KV	Koradi-Khaparkheda II	7-Aug-13	17.12	22-Aug-13	11.19	Over Voltage.
400KV	Koradi-Satpur	7-Aug-13	23.48	19-Aug-13	09:20	Over Voltage.
400KV	Kolhapur-Mapusa-II	13-Aug-13	12.43	24-Aug-13	09:30	Over Voltage.
400KV	765 KV Seoni-Wardha-II	15-Aug-13	21.15	20-Aug-13	20:17	Over Voltage.
400KV	Deepnagar-Aurangabad-I	16-Aug-13	13.14	21-Aug-13	14.17	Over Voltage.
400KV	Parli (PG)-Bhadravati I	16-Aug-13	22.26	21-Aug-13	08.18	Over Voltage.
400KV	Lonikand- Koyna Stage IV	17-Aug-13	09:43	19-Aug-13	15:04	Replacement of Faulty Twin String at Loc 194 of R Phase.
400KV	Solapur - Solapur (PG)	17-Aug-13	17:00	19-Aug-13	06.46	Over Voltage.
400KV	Parly(PG)- Solapur(PG) - I	18-Aug-13	16.43	19-Aug-13	07.05	Over Voltage.
400KV	Karad - Kolhapur - I	18-Aug-13	16.35	19-Aug-13	09:09	Over Voltage.
400KV	Dhule - S'Sarovar- II	19-Aug-13	01.02	19-Aug-13	09:48	Over Voltage.
400KV	Tie Breaker @ Akola	19-Aug-13	15:36	19-Aug-13	18:22	Attend Air Leakage of CB at Akola.
400KV	Karad - Kolhapur - I	19-Aug-13	17:13	20-Aug-13	09:17	Over Voltage.
400KV	Solapur - Solapur (PG)	19-Aug-13	17:38	20-Aug-13	06:48	Over Voltage.
400KV	Chandrapur II - Dhariwal Ckt - I Bay.	19-Aug-13	13:48	19-Aug-13	14:23	New Bay Charged.
400KV	Koradi-Satpur	20-Aug-13	02:43		Continued.	Over Voltage.
400KV	Karad - Kolhapur - I	20-Aug-13	17:05	21-Aug-13	07.05	Over Voltage.
400KV	Dabhol-Nagothane - II	20-Aug-13	13:40	20-Aug-13	14:18	D/P Y Ph to Earth, Zone -1.
400KV	Solapur - Solapur (PG)	20-Aug-13	16:42	21-Aug-13	07.14	Over Voltage.
400KV	Akola - Aurangabad - II	20-Aug-13	21:56	21-Aug-13	06.25	Over Voltage.
400KV	Akola - Bhusawal	20-Aug-13	21:56	21-Aug-13	05:20	Over Voltage.
400KV	Akola - Indiabull (Nandgaonpeth)	20-Aug-13	21:56	21-Aug-13	05.58	Over Voltage.
400KV	Warora - Tiroda - II	20-Aug-13	23:37	21-Aug-13	15.16	Hot Spot at R Ph CT.
400KV	C'pur-Parli II	21-Aug-13	02:37	22-Aug-13	06.25	D/P.Z-IY-B Ph.Ready for Charging from 12.36 On dt 21.8.13
400KV	Chandrapur - Parli - III	21-Aug-13	02:39	21-Aug-13	06.05	Over Voltage.
400KV	Karad - Solapur (PGCIL)	21-Aug-13	03:06	21-Aug-13	07.09	Over Voltage.
400KV	Akola - Wardha (PG) - II	21-Aug-13	01:03	21-Aug-13	06:28	Over Voltage.
400KV	Parly(PG)- Solapur(PG) - II	21-Aug-13	01:11	21-Aug-13	07.59	Over Voltage.
400KV	Aurangabad-Deepnagar-II	21-Aug-13	14.19		Continued.	Over Voltage.
400KV	Solapur - Solapur (PG)	21-Aug-13	17.06	22-Aug-13	06.25	Over Voltage.
400KV	400 KV GT V at Khaparkheda	21-Aug-13	17.34		Continued.	Hot Spot B Ph. 89T Isolator.
400KV	Karad - Kolhapur - I	22-Aug-13	00.22	22-Aug-13	06.23	Over Voltage.
400KV	Solapur - Solapur (PG)	22-Aug-13	16.51	23-Aug-13	08.30	Over Voltage.
400KV	Main Bus- I @ Jejuri	22-Aug-13	08.05	22-Aug-13	10.02	Hot Spot Attending Work.
400KV	Karad-Jaigad I	22-Aug-13	04.14	22-Aug-13	07.31	Over Voltage.
400KV	Jejuri-Koyna STG-IV	22-Aug-13	10.08	23-Aug-13	07.00	Replacement of Twin Cut Point String @ Loc. No.-94.
400KV	Chandrapur - Khaparkheda	22-Aug-13	11.26	22-Aug-13	19.16	Replacement of 2 No's of LMU for Data Speech Communication.
400KV	400/220 KV 315 MVA ICT-II @ Nagothane	22-Aug-13	11.15	22-Aug-13	13.26	Taken on TBC FROM L V Side Attending SF6 Gas Leakage.
400KV	Warora- Tirora -II	22-Aug-13	13.06	22-Aug-13	15.02	For Attending Hot Spot on R Ph. Metering C T.
400KV	400/220 KV 600 MVA ICT - IV @ Padgha	23-Aug-13	09.11	23-Aug-13	19.06	Hot Spot Attending Work.
400KV	Karad - Kolhapur - I	23-Aug-13	21.16	24-Aug-13	08:44	Over Voltage.
400KV	Bus Coupler @ Padgha	23-Aug-13	16.19	23-Aug-13	16.37	Maloperation of LBB Relay of 400 KV HVDC 2 Bay (Main bus-II)
400KV	Padghe-BBLSR-I	23-Aug-13	16.19	23-Aug-13	16.43	Maloperation of LBB Relay of 400 KV HVDC 2 Bay.
400KV	Padgha - Nagothane - I	23-Aug-13	16.19	23-Aug-13	16.51	Maloperation of LBB Relay of 400 KV HVDC 2 Bay.
400KV	Padgha - Kalwa - II	23-Aug-13	16.19	23-Aug-13	16.42	Maloperation of LBB Relay of 400 KV HVDC 2 Bay.
400KV	400/220KV 315 MVA ICT-I @ Padgha	23-Aug-13	16.19	23-Aug-13	16.45	Maloperation of LBB Relay of 400 KV HVDC 2 Bay.
400KV	400/220 KV 315 MVA ICT-III @ Padgha	23-Aug-13	16.19	23-Aug-13	16.38	Maloperation of LBB Relay of 400 KV HVDC 2 Bay of Main Bus-II.
400KV	Solapur - Solapur (PG)	23-Aug-13	17.10	24-Aug-13	09:38	Over Voltage.
400KV	Padgha-Tarapur - II	23-Aug-13	16.19	23-Aug-13	16.56	Maloperation of LBB Relay of 400 KV HVDC 2 Bay(Main Bus-II)at Padghe
400KV	Padgha - Talegaon (PG)	23-Aug-13	16.19	23-Aug-13	17.12	Maloperation of LBB Relay of 400 KV HVDC 2 Bay.
400KV	Padgha-Bhoisor (PGCIL)	23-Aug-13	16.19	23-Aug-13	16.55	Maloperation of LBB Relay of 400 KV HVDC 2 Bay of Main Bus-II at Padghe
400KV	Dhule-Sar'Sarovar - II	23-Aug-13	21.18	24-Aug-13	10:00	Over Voltage.
400KV	Parli - Solapur (PGCIL) - I	23-Aug-13	17.07	26-Aug-13	06.26	Over Voltage.
400KV	Karad-Jaigad I	24-Aug-13	03.04	24-Aug-13	09:35	Over Voltage.
400KV	Dabhol - New Koyna - I	24-Aug-13	02.16		Continued.	Over Voltage.
400KV	400/220 KV,500 MVA ICT - III at Giravli	24-Aug-13	09:36	24-Aug-13	18:30	Alignment Isolator.
400KV	400 KV 50 MVAR Spare Reactor at Giravli	24-Aug-13	10:24	24-Aug-13	18:46	Attending Oil Leakage.
400KV	Akola - Indiabull (Nandgaonpeth)	24-Aug-13	11:29	25-Aug-13	07:09	Ready for charging attend Red Hot on B-Ph line Isolator at Akola.
400KV	400 KV 167 MVA Spare ICT at Deepnagar	24-Aug-13	12:34	24-Aug-13	14:34	Checking CT Polarity.
400KV	Lonikand - Jejuri	24-Aug-13	05:56	24-Aug-13	14:39	D/P,at Lnknd. R Ph-E Fault, AR Operated.
400KV	Jejuri-Koyna STG-IV	24-Aug-13	05:56	24-Aug-13	18:02	Over Voltage.
400KV	400/220 KV 500 MVA ICT-I @ Jejuri	24-Aug-13	05:56	24-Aug-13	14:40	Due to 400 KV Bus Dead.
400KV	400/220 KV 500 MVA ICT - II @ Jejuri	24-Aug-13	05:56	24-Aug-13	14:41	Due to 400 KV Bus Dead.

400KV	Karad - Kolhapur - I	24-Aug-13	16:38	25-Aug-13	07:56	Over Voltage.
400KV	Solapur - Solapur (PG)	24-Aug-13	17:24	25-Aug-13	06:44	Over Voltage.
400KV	Kolhapur - Mapusa - II	24-Aug-13	17:16		Continued.	Over Voltage.
400KV	Dhule-S'Sarovar I	25-Aug-13	21:25		Continued.	Over Voltage
400KV	Solapur - Solapur (PG)	25-Aug-13	17:03	26-Aug-13	06:49	Over Voltage
220KV	Babaleshwar - Ranjangaon	18-Aug-13	08:27	19-Aug-13	15:00	REPL of faulty Insulator.
220KV	Kandalgaon - ONGC	19-Aug-13	09:15	19-Aug-13	18:25	CT Repl. at ONGC S/S.
220KV	Apta-Uran-II	19-Aug-13	10:00	19-Aug-13	19:15	Earthwire Repl. work at LOC. no.6 to 9.
220KV	Kalwa - Salshet - III	19-Aug-13	13:27	19-Aug-13	14:58	Taken on TBC at Kalwa for attending Hot Spot at CB.
220KV	Talandge - Sawantwadi - II.	19-Aug-13	16:34	19-Aug-13	16:50	New Line charged from Talandge end.
220KV	Talandge - Sawantwadi - II.	19-Aug-13	16:26		Continued.	D/P.
220KV	Wardha Power - Warora-I	19-Aug-13	12:24	19-Aug-13	12:58	General Trip. Directional Earth fault.
220KV	Wardha - Wardha Power- II	19-Aug-13	12:24	20-Aug-13	20:47	B-Ph line PT Burst. General Trip. B-Ph Trip.
220KV	220/33 KV 100 MVA T/F @ Shivajinagar (S)	19-Aug-13	13:30	19-Aug-13	14:10	Relay Operated.
220KV	Gadchander-Virur-II	19-Aug-13	11:42	19-Aug-13	18:40	Disc Insulator Work. Hot Spot attending work.
220KV	Badnera - Akola - I	19-Aug-13	09:04	19-Aug-13	21:45	Replacement of Faulty Disc Insulator at various locations.
220KV	Baramati - Lonand	20-Aug-13	09:06	20-Aug-13	14:18	Armouring work at Tower & removing of Kite thread.
220KV	Badnera-Akola-II	20-Aug-13	07:35	20-Aug-13	21:08	no.23,24,6.
220KV	Trombay - Tata Tie - I	21-Aug-13	23:04	22-Aug-13	03:48	To Attend Red Hot Spot of Y Ph.Bus Isolator Jumper of 220 KV Tie Line.
220KV	Karad - Vita - I	21-Aug-13	08:50	21-Aug-13	18:45	Crossing.
220KV	JEUR-Tembhurni	21-Aug-13	12:35	21-Aug-13	20:05	Retrofitting & Commissioning of PT Selection Relay by Const. Solapur.
220KV	Bus Section - III @ Trombay	21-Aug-13	22:59	22-Aug-13	03:41	To Attend Red Hot Spot of Y Ph.Bus Isolator Jumper of 220KV Tie Line.
220KV	Trombay-Mulund	21-Aug-13	23:04	22-Aug-13	05:29	To Attend Red Hot Spot of Y Ph.Bus Isolator Jumper of 220KV Tie Line.
220KV	Khaparkheda New - Khaparkheda Old - I	21-Aug-13	10:41	21-Aug-13	14:03	Isolator.
220KV	Beed-Patoda I	21-Aug-13	10:00	21-Aug-13	14:12	Quarterly Maintenance Work.
220KV	Wardha Power -Warora -II	21-Aug-13	13:44	21-Aug-13	16:28	Tan Delta of P.T.
220KV	Padgha - Temghar - II	22-Aug-13	19:13	22-Aug-13	23:38	Replacement of Y Ph. C T Clamp Side Conductor.
220KV	220/33 KV 100 MVA T/F @ Shivajinagar (S)	22-Aug-13	11:40	22-Aug-13	12:30	Tripped.
220KV	220/132KV 100MVA ICT I at Hingoli	22-Aug-13	11:50	24-Aug-13	21:54	Measurement of Tan Delta of ICT Bushings.,SFRA Test of ICT.
220KV	220/33KV,100MVA T/F-IV at Aarey	23-Aug-13	03:00	23-Aug-13	04:31	33KV Incommer Annual Maintenance.
220KV	220/100 KV,100 MVA ICT-II at Vasai	23-Aug-13	09:51	23-Aug-13	14:10	To Attend Hot Spot on Isolator.
220KV	BBLSR-Waluj	23-Aug-13	09:42	23-Aug-13	12:21	Signatyr Analysis Testing by Taurus Kit.
220KV	Jambul - Pal	23-Aug-13	10:10	23-Aug-13	20:20	Replacement of Distance Relay.
220KV	Dhule - Malegaon	23-Aug-13	12:56	23-Aug-13	14:15	To Attend Red Hot @ R Ph.C T & Bay Maintenance.
220KV	BBLSR-Chalisgaon	23-Aug-13	12:24	23-Aug-13	14:26	For Outage of 220KV Dhule - Malegaon.
220KV	Lamboti - Pandharpur	23-Aug-13	10:16	23-Aug-13	10:38	Distance Protection Due to Capacitor Bank Burst @ 132 KV Malinagar.
220KV	Jejuri - Lonand	24-Aug-13	05:056	25-Aug-13	15:00	Tripped due to 400 KV and 220 KV Bus dead at Jejuri.
220KV	Borivali(M)-Borivali(Rel) 1	24-Aug-13	10:28	24-Aug-13	13:02	A.M. Work.
220KV	Uran - HOCL	24-Aug-13	10:34	24-Aug-13	17:37	Replacement of Earthwire at Loc. 8-9.
220KV	220/132KV 200MVA ICT-III at BBLSR	24-Aug-13	10:00		Continued.	To Release Air Trap Points & Tightening. Cleaning before taking load.
220KV	Bableshwar-Nasik-I	24-Aug-13	11:05	24-Aug-13	12:18	Line Signature Analysis W/dn due to no Permission from IB.
220KV	Theur-Phursungi-I	24-Aug-13	15:25	24-Aug-13	19:00	Insulator Replacement Work.
220KV	220/100KV,200MVA ICT-I at Borivali.	24-Aug-13	17:30	24-Aug-13	17:59	Differential Prot. Relay Problem.
220KV	Jejuri-Phursungi - I	24-Aug-13	05:56	24-Aug-13	14:56	220 KV Bus Dead at Jejuri S/S.
220KV	Jejuri - Phursungi - II	24-Aug-13	05:56	24-Aug-13	14:57	220 KV Bus Dead at Jejuri S/S.
220KV	Jejuri-Jejuri I	24-Aug-13	05:56	24-Aug-13	07:22	220 KV Bus Dead at Jejuri S/S.
220KV	Jejuri-Jejuri-II	24-Aug-13	05:56	24-Aug-13	07:52	220 KV Bus Dead at Jejuri S/S.
220KV	Jejuri - Baramati	24-Aug-13	05:56	24-Aug-13	07:43	220 KV Bus Dead at Jejuri S/S.
220KV	Jejuri - Parvati	24-Aug-13	05:56	24-Aug-13	14:55	220 KV Bus Dead at Jejuri S/S.
220KV	Lonand - Baramati	24-Aug-13	05:56	24-Aug-13	07:45	220 KV Bus Dead at Jejuri S/S.
220KV	Lonand - SonaAlloys	24-Aug-13	06:00	24-Aug-13	07:05	Over Load.
220KV	Bhusawal - Chalisgaon - II	24-Aug-13	18:44	25-Aug-13	18:35	Water Level of Waghur Dam increases.
220KV	Bhusawal-Chalisgaon-I	24-Aug-13	10:16	24-Aug-13	12:37	To Take TC 2 in service and to check Auto Reclosure Operation of the CB.
220KV	Dhule - Nardhane ckt.	24-Aug-13	02:15	24-Aug-13	06:50	under Break down. no load Affected.
220KV	Bhigwan - Biltgraphic	24-Aug-13	02:40	24-Aug-13	03:08	Transient Fault.
220KV	Theur - Serum	24-Aug-13	05:56	24-Aug-13	15:11	220 KV Bus Dead at Jejuri S/S.
220KV	Chalisgaon-BSL-I	24-Aug-13	18:44	25-Aug-13	18:34	Water Level of Waghur Dam Increase
220KV	Kalwa - Salshet - III	25-Aug-13	06:31	25-Aug-13	10:54	Hot Spot R Ph Line side CT Jumper.
220KV	Main Bus Section-II at Trombay	25-Aug-13	11:50	25-Aug-13	17:45	Hot Spot
220KV	Dahanu-Versova	25-Aug-13	12:26	25-Aug-13	14:48	Replacement of B phase Insulator
220KV	220/100 KV 200 MVA ICT II at Trombay	25-Aug-13	11:20	25-Aug-13	17:57	Main Bus Section-II Outage
220KV	Trombay - Tifil	25-Aug-13	11:23	25-Aug-13	18:54	Main Bus-II Outage
220KV	Gadchander-Virur-I	25-Aug-13	22:19	25-Aug-13	22:39	Distance protection
132KV	Gadchiroli - VPL	20-Aug-13	13:33	20-Aug-13	16:46	Repl. of Billing energy meter at M/S VPL end by MSEDCL Authority.
132KV	Main Bus - II @ Jeur	21-Aug-13	09:15	21-Aug-13	19:15	Erection of 2 No Beam.
132KV	Nardhane - Shirpur	23-Aug-13	23:50	24-Aug-13	00:15	Tripping of 132/11 KV Tarnsformer.
132KV	Bhenda-Shevgaon	24-Aug-13	10:45	24-Aug-13	13:10	Q.M. Work Shevgaon Trans. on Nagar.
132KV	Nagar - Ashti	24-Aug-13	11:20	24-Aug-13	16:08	CR Clamp Crimping Work.
132KV	Bhandara-Tekepar	25-Aug-13	21:46	25-Aug-13	22:55	Back UP Protection operated
132KV	Bhandara-Kardha	25-Aug-13	21:49	25-Aug-13	22:38	Distance Protection
100KV	Kalwa - Vashi - II	21-Aug-13	06:47	21-Aug-13	09:33	Red Hot Spot Attendend @ L N 2B & 4B.
100KV	Kalwa - Nocil - II	21-Aug-13	10:16	21-Aug-13	12:07	Red Hot Spot Attendend @ L N 2B & 4B.
100KV	Bus Section - II @ Taloja	23-Aug-13	11:39	23-Aug-13	17:00	Replacement of Jumper from Main Bus to Bus Isolator of 200 MVA ICT.