

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 16-Sep-13 To 22-Sep-13

Date	Monday 16-Sep-13	Tuesday 17-Sep-13	Wednesday 18-Sep-13	Thursday 19-Sep-13	Friday 20-Sep-13	Saturday 21-Sep-13	Sunday 22-Sep-13
On Line Capacity (MW)							
MSPGCL THM	3999	4211	3923	4087	4010	3793	3620
MSPGCL HY	1225	1225	1210	1210	1208	1208	1209
MSPGCL GAS	300	450	450	450	450	450	430
MSPGCL TOTAL	5524	5886	5583	5747	5668	5451	5259
Cent. Sect.(incl. RGPPL)	4865	4816	4390	4833	4089	3620	3302
MSPGCL + CS	10389	10702	9973	10580	9757	9071	8561
TPCL	1377	1377	1317	1377	1377	1317	1377
REL	500	500	500	500	500	500	500
TPCL + REL	1877	1877	1817	1877	1877	1817	1877
CPP	2849	2744	2847	2851	2852	2836	2884
STATE OLC	15115	15323	14637	15308	14486	13724	13322
Morning Peak Demand (MW)	12 Hrs	12 Hrs	10 Hrs	11 Hrs	10 Hrs	11 Hrs	9 Hrs
MSPGCL THM	3905	4141	3630	4008	3657	3660	3511
MSPGCL HY	864	196	875	228	198	353	453
MSPGCL GAS	446	395	447	459	453	373	443
MSPGCL TOTAL	5215	4732	4952	4695	4308	4386	4407
Cent. Sect.(incl. RGPPL)	4635	4302	4123	4322	4035	2883	2757
Wind	102	218	57	79	663	1480	1699
CPP	2546	2916	3052	2826	2848	2783	2671
TPCL Asst	-1025	-1167	-917	-1024	-1162	-1192	-770
MSEDCL Catered	11473	11001	11267	10918	10738	10387	10787
Load Shedding (LS)	54	53	52	50	186	53	120
MSEDCL Demand(Incl LS)	11527	11054	11319	10968	10924	10440	10907
TPCL + REL Dem.	2943	2839	2574	2715	2621	2787	1876
State Demand (Incl LS)	14470	13893	13893	13683	13545	13227	12783
Sys. Freq. (Hz)	49.99	50.04	50.1	49.95	50.06	50.14	50.16
Evening Peak Demand (MW)	20 Hrs	20 Hrs	20 Hrs	20 Hrs	20 Hrs	20 Hrs	20 Hrs
MSPGCL THM	4347	3889	3635	4197	3465	3910	3498
MSPGCL HY	1236	1500	505	572	416	254	411
MSPGCL GAS	454	445	440	460	442	381	441
MSPGCL TOTAL	6037	5834	4580	5229	4323	4545	4350
Cent. Sect.(incl. RGPPL)	3961	4208	3970	4173	3959	3686	3802
Wind	374	235	319	289	1081	1353	1252
CPP	3084	3103	3023	2900	2825	2850	2677
TPCL Asst	-970	-932	-646	-821	-923	-958	-924
MSEDCL Catered	12486	12471	11271	11823	11312	11523	11181
Load Shedding (LS)	55	55	55	55	266	94	148
MSEDCL Demand(Incl LS)	12541	12526	11326	11878	11578	11617	11329
TPCL + REL Dem.	2805	2796	2271	2708	2721	2679	2256
State Demand (Incl LS)	15346	15322	13597	14586	14299	14296	13585
Sys. Freq. (Hz)	50.06	50.05	50.01	49.96	50.05	50.16	49.94

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	16-Sep-13	TO	22-Sep-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	16-Sep-2013		17-Sep-2013		18-Sep-2013		19-Sep-2013		20-Sep-2013		21-Sep-2013		22-Sep-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	7	*	7	*	7	*	7	*	7	*	7	*	7	*
3	KHAPERKHEDA	5	3	5	*	5	*	5	*	5	2	5	*	5	*
4	PARALI	3,5	*	3,5	*	3,5	*	3,5	*	3,5	*	3,5	*	3,5	*
5	CHANDRAPUR	5	1	5	*	5	*	5	*	5	*	5	*	5	2
6	BHUSAVAL	*	*	*	2	*	2	*	2	*	2	*	2	*	*
7	PARAS	*	*	*	*	*	*	*	*	*	*	*	*	*	4

REMARKS:-
 1)THIS INFORMATION TO BE VERIFIED FROM CGM.(GEN.WORKS) MSPGCL,H.O. MUMBAI REPORT BEFORE SUBMITTING TO THE CABINET COMMITTEE
 2) URAN GTPS UNITS ARE KEPT SHUT OR ON STAND BY MODE DUE TO GAS SHORTAGE.
 3) Koradi U-1 to 4, Paras U-2, Parli U-1,2, Bhusawal U-1 and Nasik 1,2 are withdrawn being a vintage units.

B) WEEKLY CENTRAL SECTOR SHARE/DRAWL(IN MUs)

DATE	DAY	CENT.SECT. SHARE		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	
16-Sep-2013	MONDAY	91.349	3806	6.320	263	97.669	4070	95.046	3960	-2.623	-109
17-Sep-2013	TUESDAY	91.395	3808	5.710	238	97.105	4046	92.798	3867	-4.307	-179
18-Sep-2013	WEDNESDAY	90.342	3764	0.150	6	90.492	3771	91.111	3796	0.619	26
19-Sep-2013	THURSDAY	84.298	3512	5.230	218	89.528	3730	87.073	3628	-2.455	-102
20-Sep-2013	FRIDAY	82.933	3456	-2.260	-94	80.673	3361	80.358	3348	-0.315	-13
21-Sep-2013	SATURDAY	67.203	2800	-5.170	-215	62.033	2585	65.105	2713	3.072	128
22-Sep-2013	SUNDAY	71.548	2981	-9.120	-380	62.428	2601	70.155	2923	7.727	322
	TOTAL	579.068		0.860		579.928		581.646		1.718	

Details of Koyna Water Consumption (In TMC)

DATE	For the Day	For the Month	Balance
16-Sep-13	0.161	5.775	55.058
17-Sep-13	0.125	5.900	54.933
18-Sep-13	0.097	5.997	54.836
19-Sep-13	0.039	6.036	54.797
20-Sep-13	0.039	6.075	54.758
21-Sep-13	0.039	6.114	54.719
22-Sep-13	0.040	6.154	54.679

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
16-Sep-13	20	4347	1236	454	6037	3961	374	3084	-970	12486	55	12541	1318	517	15291	15346	50.06
17-Sep-13	20	3889	1500	445	5834	4208	235	3103	-932	12471	55	12526	1342	522	15267	15322	50.05
18-Sep-13	20	3635	505	440	4580	3970	319	3023	-646	11271	55	11326	1104	521	13542	13597	50.01
19-Sep-13	20	4197	572	460	5229	4173	289	2900	-821	11823	55	11878	1367	520	14531	14586	49.96
20-Sep-13	20	3465	416	442	4323	3959	1081	2825	-923	11312	266	11578	1278	520	14033	14299	50.05
21-Sep-13	20	3910	254	381	4545	3686	1353	2850	-958	11523	94	11617	1200	521	14202	14296	50.16
22-Sep-13	20	3498	411	441	4350	3802	1252	2677	-924	11181	148	11329	811	521	13437	13585	49.94
Maximum		4347	1500	460	6037	4208	1353	3103	-646	12486	266	12541	1367	522	15291	15346	50.16
Minimum		3465	254	381	4323	3686	235	2677	-970	11181	55	11326	811	517	13437	13585	49.94
Average		3849	699	438	4985	3966	700	2923	-882	11724	104	11828	1203	520	14329	14433	50.03

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
16-Sep-13	12	3905	864	446	5215	4635	102	2546	-1025	11473	54	11527	1396	522	14416	14470	49.99
17-Sep-13	12	4141	196	395	4732	4302	218	2916	-1167	11001	53	11054	1224	448	13840	13893	50.04
18-Sep-13	10	3630	875	447	4952	4123	57	3052	-917	11267	52	11319	1134	523	13841	13893	50.10
19-Sep-13	11	4008	228	459	4695	4322	79	2826	-1024	10918	50	10968	1241	450	13633	13683	49.95
20-Sep-13	10	3657	198	453	4308	4035	663	2848	-1162	10738	186	10924	938	521	13359	13545	50.06
21-Sep-13	11	3660	353	373	4386	2883	1480	2783	-1192	10387	53	10440	1073	522	13174	13227	50.14
22-Sep-13	9	3511	453	443	4407	2757	1699	2671	-770	10787	120	10907	583	523	12663	12783	50.16
Maximum		4141	875	459	5215	4635	1699	3052	-770	11473	186	11527	1396	523	14416	14470	50.16
Minimum		3511	196	373	4308	2757	57	2546	-1192	10387	50	10440	583	448	12663	12783	49.95
Average		3787	452	431	4671	3865	614	2806	-1037	10939	81	11020	1084	501	13561	13642	50.06

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
16-Sep-13	97.274	9.665	9.590	0.000	116.529	95.046	97.669	5.974	67.517	25.663	11.908	-19.923	265.143	57.493	322.636
17-Sep-13	98.004	8.574	9.605	0.077	116.260	92.798	97.105	5.431	69.602	25.236	12.261	-19.976	264.115	57.472	321.587
18-Sep-13	88.197	7.544	10.664	0.144	106.549	91.111	90.492	3.716	69.675	21.673	11.178	-20.577	250.474	53.428	303.902
19-Sep-13	94.056	5.503	10.918	0.452	110.929	87.073	89.528	6.360	64.336	23.628	11.527	-20.513	248.182	55.638	303.820
20-Sep-13	85.811	4.515	10.707	0.564	101.597	80.358	80.673	22.359	63.086	23.844	11.801	-21.456	245.946	57.100	303.046
21-Sep-13	87.654	4.783	9.431	0.862	102.730	65.105	62.033	34.786	62.923	22.108	12.062	-21.315	244.231	55.488	299.719
22-Sep-13	82.372	4.545	10.407	0.761	98.085	70.155	62.428	33.620	61.973	15.990	11.139	-21.084	242.752	48.213	290.965
Maximum	98.004	9.665	10.918	0.862	116.529	95.046	97.669	34.786	69.675	25.663	12.261	-19.923	265.143	57.493	322.636
Minimum	82.372	4.515	9.431	0.000	98.085	65.105	62.033	3.716	61.973	15.990	11.139	-21.456	242.752	48.213	290.965
Average	90.481	6.447	10.189	0.409	107.526	83.092	82.847	16.035	65.587	22.592	11.697	-20.692	251.549	54.976	306.525

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

For the Week **16-Sep-13** to **22-Sep-13**

Demand Supply Summary

	Morning Peak (MW)	Evening Peak (MW)
Average Peak Demand	11020	11828
Average Peak Supply	10939	11724
Average Load Relief (LS)	81	104

Average Supply Summary

	Morning Peak (MW)	Evening Peak (MW)	Mus
Thermal	3787	3849	90.48
Gas	431	438	10.19
Hydro	452	699	6.45
CS Drawal (Total)	3865	3966	83.09
TPCL	-1037	-882	-20.69

Koyna Water position

	Water in TMC Feet
Average Water Used Per Day	0.077
Balance Left	54.679
Balance Left Last Year Same Week	47.982

MSPGCL Unit Outage Position

Date	MSPGCL (in MW)		
	Planned	Forced	Total
16-Sep-13	1630	420	2050
17-Sep-13	1630	210	1840
18-Sep-13	1630	210	1840
19-Sep-13	1630	210	1840
20-Sep-13	1630	420	2050
21-Sep-13	1630	210	1840
22-Sep-13	1630	460	2090

Distressed Load Shedding

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

GENERATING UNIT OUTAGES FOR THE WEEK

FROM 16-Sep-13 TO 22-Sep-13

UNIT UNDER PLANNED OUTAGE

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
Parli	Unit 5	210	14-Feb-13	22.45	23-Sep-13	01.11	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
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
Khaparkheda	Unit 5	500	26-Aug-13	21.37		Continued.	Annual Overhaul

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
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.	Withdrawn
Cent_Sect	TARAPUR-3	540	28-Aug-13	09.08		Continued.	Reactor Problem.
CPP	JSW (J) U2	300	7-Sep-13	00.01		Continued.	Withdrawn due to no schedule.
CPP	Adani U1	660	10-Sep-13	07.30		Continued.	BLR T/L.
Chandrapur	Unit 1	210	13-Sep-13	13.35	16-Sep-13	15.45	Boiler Tube Leakage.
Uran	Unit 8	108	13-Sep-13	13.16		Continued.	Gas Shortage.
Khaparkheda	Unit 3	210	14-Sep-13	09.44	16-Sep-13	16.34	Boiler Tube Leakage.
Tata	Trombay 7B	60	14-Sep-13	23.47	16-Sep-13	03.09	High Bearing Vibration.
Uran	Unit 6	108	15-Sep-13	22.57	16-Sep-13	01.10	Stn.T/F-II HV Side Y Phase Bushing Burst at Uran S/S
Uran	Unit 7	108	15-Sep-13	22.57	16-Sep-13	00.48	Stn.T/F-II HV Side Y Phase Bushing Burst at Uran S/S
Uran	Unit A0	120	15-Sep-13	22.57	16-Sep-13	05.24	Stn.T/F-II HV Side Y Phase Bushing Burst at Uran S/S
Uran	Unit B0	120	15-Sep-13	22.57	16-Sep-13	03.32	Stn.T/F-II HV Side Y Phase Bushing Burst at Uran S/S
Khaparkheda	Unit 2	210	16-Sep-13	00.19	16-Sep-13	02.54	Flame Failure
Koyna	Unit 3	75	16-Sep-13	04.25	17-Sep-13	16.15	Tripped
CPP	WPCL U-3	135	16-Sep-13	21.19		Continued.	ESP Bag filter repl.
Bhusawal	Unit 2	210	17-Sep-13	03.54	21-Sep-13	17.36	ID Fan Problem.
Uran	Unit 5	108	17-Sep-13	02.03	17-Sep-13	03.38	Boiler Protection.
Uran	Unit 6	108	17-Sep-13	02.03	17-Sep-13	04.23	Boiler Protection.
Uran	Unit A0	120	17-Sep-13	02.03	17-Sep-13	06.41	Feed water pump failure.
Uran	Unit 6	108	17-Sep-13	19.17		Continued.	Gas Shortage
Tata	Trombay 7B	60	17-Sep-13	21.45	18-Sep-13	08.51	Economizer Steam Leakage
Nasik	Unit 3	210	18-Sep-13	07.16	18-Sep-13	20.15	Bus Bar Prot.Operated at Nasik OCR
Nasik	Unit 4	210	18-Sep-13	07.16	19-Sep-13	05.45	Bus Bar Prot.Operated at Nasik OCR
Nasik	Unit 5	210	18-Sep-13	07.16	18-Sep-13	12.25	Bus Bar Prot.Operated at Nasik OCR
Khaparkheda	Unit 2	210	19-Sep-13	06.38	21-Sep-13	04.36	Flame Failure
Bhusawal	Unit 5	500	19-Sep-13	23.26	21-Sep-13	12.28	Boiler Tube Leakage.
Tata	Trombay 7B	60	20-Sep-13	16.53	21-Sep-13	11.11	Safety Valve Leakage.
Bhusawal	Unit 5	500	21-Sep-13	13.07	21-Sep-13	14.29	Generation Protection Class A Operated.
Chandrapur	Unit 2	210	21-Sep-13	22.19		Continued.	Economiser Tube Leakage.
Paras	Unit 4	250	22-Sep-13	04.02	23-Sep-13	01.21	Bunkaring Problem.
CPP	INDIABULLS	270	22-Sep-13	06.04		Continued.	Due to Connected Bouth Line are Tripped on Over Voltage.
Khaparkheda	Unit 4	210	22-Sep-13	10.40	22-Sep-13	14.22	Flame Failure.
Bhusawal	Unit 2	210	22-Sep-13	22.18		Continued.	Main Ejector Tube Leakage.
Koradi	Unit 5	200	22-Sep-13	12.08		Continued.	High Furnace Pressure.
Parli	Unit 5	210	23-Sep-13	05.49		Continued.	Main Steam Temp.Low.

LINE OUTAGES FOR THE WEEK

FROM 16-Sep-13 TO 22-Sep-13

Voltage	Name	date_trip	time_trip	date_sync	time_sync	Reason
500KV	HVDC Pole-I	16-Sep-13	18.12	16-Sep-13	19.56	Sparking on PLC Filter at Padgha end.
500KV	HVDC POLE II - CHDPR	16-Sep-13	23.48	17-Sep-13	01.44	Problem in valve cooling system
500KV	HVDC POLE II - CHDPR	18-Sep-13	01.26	18-Sep-13	01.38	Thyristor Valve problem
400KV	Kolhapur-Solapur (PG) II	6-Sep-13	11.22	16-Sep-13	09.42	For Controlling 400KV Parly-Wardha Line.
400KV	Kolhapur - Mapusa - II	9-Sep-13	16.41	19-Sep-13	11.08	Over Voltage.
400KV	Dabhol - Nagothane - I	13-Sep-13	22.58	18-Sep-13	10.45	Over Voltage
400KV	Karad - Kolhapur - II	13-Sep-13	23.58	20-Sep-13	18.42	Over Voltage
400KV	Karad-Jaigad I	15-Sep-13	22.27	21-Sep-13	09.29	Over Voltage
400KV	Solapur-Solapur(PGCIL)	15-Sep-13	17.05	16-Sep-13	07.11	Over Voltage
400KV	Karad - Solapur (PGCIL)	16-Sep-13	00.28	16-Sep-13	07.08	Over Voltage
400KV	New Koyana - Dabhol - II	16-Sep-13	01.10	16-Sep-13	06.27	Over Voltage
400KV	Dabhol-Nagothane-II	16-Sep-13	01.11	16-Sep-13	07.00	Over Voltage
400KV	Padgha-Tarapur - II	16-Sep-13	03.39	16-Sep-13	06.55	Over Voltage
400KV	Warora-Tiroda-I	16-Sep-13	11.36	16-Sep-13	13.56	Red Hot Spot..
400KV	Kolhapur-Solapur(PGCIL)-I	16-Sep-13	18.42	17-Sep-13	06.25	Over Voltage.
400KV	Karad - Kolhapur - I	16-Sep-13	18.02	19-Sep-13	09.16	Over Voltage.
400KV	Solapur-Solapur(PGCIL)	16-Sep-13	16.00	17-Sep-13	10.27	Over Voltage
400KV	Padgha - Nagothane - I	17-Sep-13	04.15	17-Sep-13	07.28	Over Voltage.
400KV	Kolhapur-Solapur (PG) II	17-Sep-13	02.58	17-Sep-13	08.49	Over Voltage.
400KV	Karad - Solapur (PGCIL)	17-Sep-13	02.58	17-Sep-13	08.41	Over Voltage.
400KV	Chandrapur - Bhadravati - IV	17-Sep-13	00.17	19-Sep-13	12.24	Over Voltage.
400KV	Parli - Solapur (PGCIL) - I	17-Sep-13	00.34	17-Sep-13	05.34	Over Voltage.
400KV	Solapur - Solapur (PG)	17-Sep-13	16.45	18-Sep-13	09.00	Over Voltage
400KV	Kolhapur-Solapur(PGCIL)-I	17-Sep-13	15.45	18-Sep-13	09.12	Over Voltage
400KV	Parli - Chandrapur - III	17-Sep-13	22.31	21-Sep-13	19.00	To control Parly-Lonikand Line Loading
400KV	Dhule-S'Sarovar I	17-Sep-13	22.47	18-Sep-13	10.18	Over Voltage
400KV	Karad - Newkoyana - I	18-Sep-13	01.54		Continued.	Over Voltage
400KV	Lonikand- Koyana Stage IV	18-Sep-13	02.11	18-Sep-13	08.00	Over Voltage
400KV	Dhule-S'Sarovar I	18-Sep-13	22.23	19-Sep-13	19.48	Over Voltage
400KV	Parli - Solapur (PGCIL) - I	18-Sep-13	17.01		Continued.	Over Voltage
400KV	Kolhapur-Solapur(PGCIL)-I	18-Sep-13	17.01		Continued.	Over Voltage
400KV	Solapur - Solapur (PG)	18-Sep-13	13.07	20-Sep-13	07.52	Over Voltage
400KV	Dabhol-Nagothane-II	18-Sep-13	10.51		Continued.	Tree Cutting work, ready for charging 17.22Hrs
400KV	Lonikand- Koyana Stage IV	18-Sep-13	22.37	19-Sep-13	19.48	Over Voltage
400KV	Bablsr-Padgha Ckt I	19-Sep-13	06.10	19-Sep-13	06.51	Over Voltage
400KV	Kolhapur-Solapur (PG) II	19-Sep-13	00.01	19-Sep-13	07.07	Over Voltage
400KV	Kalwa - Talegaon (PGCIL)	19-Sep-13	01.47	19-Sep-13	09.35	To control Parli-Lonikand Line Loading
400KV	Padgha - Nagothane - I	19-Sep-13	04.39	19-Sep-13	08.45	Over Voltage
400KV	400/220 KV 315 MVA ICT - II @ Koradi.	19-Sep-13	10.06	21-Sep-13	18.04	ICT-II.
400KV	400/220 KV 500 MVA ICT - II @ Jejuri	19-Sep-13	07.24	19-Sep-13	10.34	Checking of Nitrogen Injection Fire Fighting.
400KV	Kolhapur - Mapusa - I	19-Sep-13	16.47		Continued.	Over Voltage.
400KV	Karad - Solapur (PGCIL)	19-Sep-13	06.25	19-Sep-13	08.32	Over Voltage.
400KV	Karad - Solapur (PGCIL)	19-Sep-13	23.52	20-Sep-13	08.40	Over Voltage.
400KV	Dhule-Sar'Sarovar - II	19-Sep-13	22.05	22-Sep-13	11.55	Over Voltage.
400KV	400/220 KV ICT - II @ Babaleshwar	20-Sep-13	01.22	20-Sep-13	02.37	Bus Bar Operated.
400KV	Karad - Kolhapur - I	20-Sep-13	04.01	20-Sep-13	17.23	Over Voltage.
400KV	Lonikand- Koyana Stage IV	20-Sep-13	01.30	20-Sep-13	08.36	Over Voltage.
400KV	Parli - Solapur	20-Sep-13	17.10	20-Sep-13	20.34	Heavy Sparking on Tie Bay Isolator.
400KV	400/220,315 MVA ICT-I at Lamboti	20-Sep-13	17.25	20-Sep-13	19.57	To Attend 29A Isolator of 402 52 Tie CB Sparking.
400KV	400/220 KV 500 MVA ICT-I @ Jejuri	20-Sep-13	11.47	20-Sep-13	14.44	On OLTC Buchholz.
400KV	400 KV GT V at Khaparkheda	20-Sep-13	10.30	20-Sep-13	15.00	Routine Maintenance Work.
400KV	Karad - Kolhapur - II	20-Sep-13	22.56	21-Sep-13	09.11	Over Voltage.
400KV	Solapur - Solapur (PG)	20-Sep-13	07.52	23-Sep-13	06.52	Over Voltage.
400KV	Kolhapur-Solapur (PG) II	20-Sep-13	17.08		Continued.	Due to Heavy Rains,7 No's of Towers are Damaged.
400KV	Lonikand- Koyana Stage IV	21-Sep-13	00.04	21-Sep-13	08.32	Over Voltage.
400KV	Bus I at C'Pur II	21-Sep-13	13.09	21-Sep-13	16.16	Testing Work.
400KV	Chandrapur - Parli - II	21-Sep-13	15.18		Continued.	Over Voltage.
400KV	Padgha - Talegaon (PG)	21-Sep-13	15.07	21-Sep-13	20.16	Tripped.
400KV	Karad - Kolhapur - II	21-Sep-13	23.57		Continued.	Over Voltage.
400KV	Lonikand- Koyana Stage IV	22-Sep-13	01.25	22-Sep-13	09.02	Over Voltage.
400KV	Akoia - Indiabull (Nandgaonpeth)	22-Sep-13	06.04	22-Sep-13	09.01	Over Voltage.
400KV	Koradi - II - Indiabull	22-Sep-13	06.04	22-Sep-13	18.47	Over Voltage.
400KV	Akola - Wardha - I	22-Sep-13	06.04	22-Sep-13	06.33	Over Voltage.
400KV	Koradi - New Koradi	22-Sep-13	06.04		Continued.	Over Voltage.
400KV	Akola - Indiabull (Nandgaonpeth)	22-Sep-13	15.01		Continued.	Over Voltage.
400KV	Dhule-Sar'Sarovar - I	22-Sep-13	15.23		Continued.	Over Voltage.
400KV	Akola - Wardha - I	22-Sep-13	15.01	22-Sep-13	16.26	Over Voltage.
220KV	Parly - New Parly TPS - II	14-Sep-13	19.30	16-Sep-13	07.32	Bus Bar Protection Operated Due to Bursting of R Ph. Parli-Ext-II.
220KV	220/132 KV 100 MVA IBT @ Parli-I	14-Sep-13	19.30	21-Sep-13	08.57	Bus Bar Protection Operated Due to Bursting of R Ph. Parli-Ext.-II.
220KV	Ghatghar-Jindal	15-Sep-13	13.35	20-Sep-13	19.42	Distance Protection
220KV	Padgha-Kamba	15-Sep-13	19.50	16-Sep-13	17.16	Distance Protection
220KV	Uran-Kharghar-II	15-Sep-13	22.57	16-Sep-13	00.20	Main Bus-II Operated
220KV	Uran - JNPT	15-Sep-13	22.57	16-Sep-13	00.12	Main Bus-II Operated

220KV	Uran -Apta-III	15-Sep-13	22.57	16-Sep-13	00.40	Main Bus-II Operated
220KV	Bus coupler @ Uran	15-Sep-13	22.57	16-Sep-13	00.01	Main Bus-II Operated
220KV	Amalner-Deepnagar	15-Sep-13	23.28	17-Sep-13	00.31	Bus Bar Prot.Optd,R-Ph CT Burst.(Ckt Under Breakdown)
220KV	Dhule - Amalner	15-Sep-13	23.28	16-Sep-13	00.07	Bus Bar Prot.Optd,R-Ph CT Burst of 220KV Deepnagar Ckt.
220KV	Amalner - Dondaicha	15-Sep-13	23.28	16-Sep-13	00.38	Bus Bar Prot.Optd,R-Ph CT Burst of 220KV Deepnagar Ckt.
220KV	Amalner-Bambhori	15-Sep-13	23.28	16-Sep-13	00.18	Bus Bar Prot.Optd,R-Ph CT Burst of 220KV Deepnagar Ckt.
220KV	220/132 KV 100 MVA ICT - I @ Amalner	15-Sep-13	23.28	16-Sep-13	00.13	Bus Bar Prot.Optd,R-Ph CT Burst of 220KV Deepnagar Ckt.
220KV	220/132KV 100MVA ICT-II at Amalner	15-Sep-13	23.28	16-Sep-13	00.32	Bus Bar Prot.Optd,R-Ph CT Burst of 220KV Deepnagar Ckt.
220KV	Kandalgaon-Bhira	16-Sep-13	11.10	16-Sep-13	18.50	Red Hot.
220KV	Pedambe-Mahad	16-Sep-13	08.00	16-Sep-13	15.10	Red Hot Spot.
220KV	Padgha-Vasai	16-Sep-13	08.33	16-Sep-13	17.36	Padgha Kamba line M/C Tower.
220KV	Ghatghar - Washala	16-Sep-13	13.40	16-Sep-13	16.19	To carry out,Outage on Jindal-Ghatghar line.
220KV	Boiser-Versova	16-Sep-13	14.49	16-Sep-13	15.58	Red Hot Spot.
220KV	Talegaon - Talegaon (PGCIL)	16-Sep-13	11.55	17-Sep-13	06.58	To control Lonikand-Parli line.
220KV	Vasai - Bhoisar (PGCIL)	16-Sep-13	19.35	17-Sep-13	15.03	Over Voltage.
220KV	Padgha-Wada	16-Sep-13	18.35	16-Sep-13	14.44	Dist Prot.
220KV	Padgha - Nalasopara	16-Sep-13	18.35	17-Sep-13	15.04	Dist Prot.
220KV	New Paras TPS-Alola-II	16-Sep-13	02.33	16-Sep-13	04.31	Distance Protection
220KV	Hingoli-Pusad	16-Sep-13	00.17	16-Sep-13	00.28	Back up Prot.Optd.O/C & E/F.
220KV	Pedambe - Mahad	17-Sep-13	03.00	17-Sep-13	10.50	Dist Prot.
220KV	Kalwa-Mulund II	17-Sep-13	08.16	17-Sep-13	11.40	Hot Spot
220KV	Ghatghar - Washala	17-Sep-13	12.30	17-Sep-13	18.44	Stringing of 220KV Ghatghar-Jindal line
220KV	Padgha - Nalasopara	17-Sep-13	06.35	17-Sep-13	15.06	Distance protection
220KV	Padgha-Wada	17-Sep-13	06.35	17-Sep-13	14.44	Distance protection
220KV	Nalasopara-Boisar PGCIL 220 KV	17-Sep-13	15.00	21-Sep-13	09.21	Handtripped
220KV	Talegaon - Talegaon (PGCIL)	17-Sep-13	14.21	19-Sep-13	09.35	To control Lonikand-Parly line Loading
220KV	Vita - Lamboti	18-Sep-13	02.36	18-Sep-13	13.45	Distance Protection
220KV	Nasik - Navasari - II	18-Sep-13	07.12	18-Sep-13	08.12	Bus Bar Prot.Operated at Nasik OCR
220KV	Nasik-Navsari-I	18-Sep-13	07.12	18-Sep-13	07.57	Bus Bar Prot.Operated at Nasik OCR
220KV	Karad - Peth	18-Sep-13	20.01	18-Sep-13	20.47	Distance Protection
220KV	Nasik-Bablsur - I	18-Sep-13	07.12	18-Sep-13	08.30	Bus Bar Prot.Operated at Nasik OCR
220KV	Newkoyana -Lote-Parsuram	18-Sep-13	11.13	18-Sep-13	18.14	Distance Protection
220KV	Bus Section - I at Nasik OCR	18-Sep-13	07.12	19-Sep-13	18.16	Bus Bar Prot.Operated due to R Phase CT Burst
220KV	Nasik-Raymond	18-Sep-13	07.12	18-Sep-13	08.08	Bus Bar Prot.Operated at Nasik OCR
220KV	Nasik - Ghatghar	18-Sep-13	07.12	18-Sep-13	08.40	Bus Bar Prot.Operated at Nasik OCR
220KV	Nasik-Padgha	18-Sep-13	07.12	18-Sep-13	08.06	Bus Bar Prot.Operated at Nasik OCR
220KV	Bhusawal-Chalisgaon-I	18-Sep-13	16.03	18-Sep-13	16.49	Distance Protection
220KV	220/132 KV 200 MVA ICT-IV @ Nasik OCR	18-Sep-13	07.12	18-Sep-13	08.01	Bus Bar Prot.operated at Nasik OCR
220KV	220/132 KV, 200 MVA ICT - 6 at Nasik	18-Sep-13	07.12	18-Sep-13	08.33	Bus Bar Prot.operated at Nasik OCR
220KV	220/132 KV,200MVA ICT-I at Nasik GCR	18-Sep-13	07.12	18-Sep-13	08.31	Bus Bar Prot.operated at Nasik OCR
220KV	220/132KV 200MVA ICT-V @ Nasik OCR	18-Sep-13	07.12	18-Sep-13	08.01	Bus Bar Prot.operated at Nasik OCR
220KV	220/132KV,150 MVA ICT-II at Nasik GCR	18-Sep-13	07.12	18-Sep-13	08.32	Bus Bar Prot.operated at Nasik OCR
220KV	220/132KV 150 MVA ICT 3 at Nasik OCR	18-Sep-13	07.12	18-Sep-13	08.15	Bus Bar Prot.operated at Nasik OCR
220KV	Nasik - Airoli - Knowledge Park	18-Sep-13	07.12	18-Sep-13	08.23	Bus Bar Prot.operated at Nasik OCR
220KV	Apta-Uran-III	19-Sep-13	10.00	19-Sep-13	13.28	To Attend Red Hot.
220KV	Babaleshwar - Alephata	19-Sep-13	10.32	20-Sep-13	01.11	Alignment of Isolator & Q.M.
220KV	Bhosari-Telco	19-Sep-13	10.04	19-Sep-13	17.24	Replacement of Line Side Isolator.
220KV	Lonikand-Kathapur	19-Sep-13	14.26	19-Sep-13	14.38	While Bus Transfer Operation.
220KV	Chandrapur MIDC-Gadchandur	19-Sep-13	13.33	19-Sep-13	14.01	Distance Protection.
220KV	Main Bus - I @ Lonikand	19-Sep-13	10.24	19-Sep-13	13.02	Connecting Isolator Jumps of 220/22 KV 500 MVA New T/F.
220KV	Butibori-Abhijeet ckt.	19-Sep-13	19.29		Continued.	Due to Rain Water Entered in Switchyard & Control Room.
220KV	Murud - Girawli.	19-Sep-13	07.02	19-Sep-13	15.56	Distance Protection Operated Z-I.
220KV	BBLSR-A"Nagar II	20-Sep-13	01.22	20-Sep-13	02.21	Bus Bar Operated.
220KV	Babhaleshwar-Nasik-II	20-Sep-13	01.22	20-Sep-13	02.31	Bus Bar Operated.
220KV	Babaleshwar - Alephata	20-Sep-13	01.22	20-Sep-13	09.35	Insulator String Burst(Conductor fall on Bus - II).
220KV	Babaleshwar - Bhenda	20-Sep-13	01.22	20-Sep-13	03.29	Insulator String Burst(Conductor fall on Bus - II).
220KV	Babaleshwar - Chalisgaon	20-Sep-13	01.22	20-Sep-13	02.14	Insulator String Burst(Conductor fall on Bus - II).
220KV	Bus - II @ Bableshwar	20-Sep-13	01.22	20-Sep-13	09.44	Bus Bar Operated.
220KV	Washala-Ghatghar	20-Sep-13	09.00	20-Sep-13	19.15	Due to Jindal-Ghatghar Outage.
220KV	Padgha-Jambhul II	20-Sep-13	09.16	20-Sep-13	14.47	Replacement of R Ph.CT Wavetrap Jumper.
220KV	Kalwa-Airoli-Knowledge park	20-Sep-13	09.57	20-Sep-13	15.00	Hot Spot @ Bottom Wavwtrap Jumper on Incoming Side @ Kalwa.
220KV	Ghodbhundar - Gorai	20-Sep-13	00.52	20-Sep-13	09.57	Red Hot on R Ph. Jumper @ Loc-303.
220KV	Versova-Gorai	20-Sep-13	10.25	20-Sep-13	11.57	Red Hot on R Ph. Jumper @ Loc-303.
220KV	220/100KV 200 MVA ICT- III @ Padgha	20-Sep-13	11.43	20-Sep-13	17.39	Hot Spot on Line Isolator.
220KV	Phursungi - Theur	20-Sep-13	12.20	20-Sep-13	15.06	To Manage Load for Jejuri ICT-1 Outage.
220KV	Borivali - Salset - I	20-Sep-13	17.20	21-Sep-13	02.08	Jumper Open @ Loc. No.-8A.
220KV	Borivali - Salsette - II	20-Sep-13	18.20	21-Sep-13	11.29	Jumper Open @ Loc. No.-8A.
220KV	Deepnagar-Khadka I	20-Sep-13	09.13	20-Sep-13	13.07	For Tan Delta Measurment of CT's.
220KV	Bhusawal-Chalisgaon-I	20-Sep-13	15.15	20-Sep-13	17.41	Replacement of R Ph.Damaged Insulator String.
220KV	Bhugaon-Wardha	20-Sep-13	10.19	20-Sep-13	16.42	Replacement of L A.
220KV	220/132 KV,200 MVA ICT-I at Ahamadnagar	21-Sep-13	08.35	21-Sep-13	18.42	3 Ph.LA Replacement Work Under JICA Ph-II.
220KV	220/132 KV, 200 MVA ICT - 6 at Nasik	21-Sep-13	08.40	21-Sep-13	13.30	For SFRA & Bay Maintenance Work.
220KV	Jejuri - Parvati	21-Sep-13	09.01	21-Sep-13	17.15	Tightening of Loose Nut Bolt.
220KV	Padgha-Wada	21-Sep-13	10.51	21-Sep-13	17.31	Replacement of Damaged Jumper & Provide New T Clam.
132KV	Paras-Akot	22-Sep-13	15.42	22-Sep-13	16.05	Dist Prot.
110KV	Tata MSETCL-Borivali - I	22-Sep-13	09.01	22-Sep-13	14.45	Repl.of ipilot string at Loc no 1.