

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.
Maharashtra State Load Despatch Centre, Kalwa

To,
DSS CONTROL ROOM,
Head Office Mumbai.

No. 1259/07.07.14

Sub: Report of the Power System position for the period 30-Jun-14 To 6-Jul-14

Date	Monday 30-Jun-14	Tuesday 1-Jul-14	Wednesday 2-Jul-14	Thursday 3-Jul-14	Friday 4-Jul-14	Saturday 5-Jul-14	Sunday 6-Jul-14
On Line Capacity (MW)							
MSPGCL THM	4770	4735	4738	4535	4707	4643	4612
MSPGCL HY	1234	1220	1225	1252	1218	1185	1229
MSPGCL GAS	450	450	300	300	450	450	450
MSPGCL TOTAL	6454	6405	6263	6087	6375	6278	6291
Cent. Sect.(incl. RGPPL)	6257	6081	5978	5772	5594	5367	5451
MSPGCL + CS	12711	12486	12241	11859	11969	11645	11742
TPCL	1627	1627	1627	1627	1627	1627	1627
REL	500	500	500	500	500	500	500
TPCL + REL	2127	2127	2127	2127	2127	2127	2127
CPP	3475	4139	4366	3745	3744	4379	4339
STATE OLC	18313	18752	18734	17731	17840	18151	18208
Morning Peak Demand (MW)	13 Hrs	13 Hrs	12 Hrs	11 Hrs	11 Hrs	13 Hrs	12 Hrs
MSPGCL THM	4968	5024	4865	4596	4806	5306	4466
MSPGCL HY	192	204	154	732	549	377	174
MSPGCL GAS	426	427	294	268	400	296	421
MSPGCL TOTAL	5586	5655	5313	5596	5755	5979	5061
Cent. Sect.(incl. RGPPL)	6951	6271	6321	6395	5439	5521	5605
Wind	1157	1039	1055	817	990	715	770
CPP	3673	4343	4497	3872	3776	4448	4440
TPCL Asst	-1475	-1478	-1406	-1335	-1414	-1354	-857
MSEDCL Catered	16017	15992	15919	15482	14635	15463	15150
Load Shedding (LS)	139	110	63	305	173	470	128
MSEDCL Demand(Incl LS)	16156	16102	15982	15787	14808	15933	15278
TPCL + REL Dem.	3249	3239	2912	2823	2859	2873	2264
State Demand (Incl LS)	19405	19341	18894	18610	17667	18806	17542
Sys. Freq. (Hz)	49.94	49.96	49.97	49.86	49.77	49.81	49.94
Evening Peak Demand (MW)	15 Hrs	16 Hrs	14 Hrs	14 Hrs	14 Hrs	15 Hrs	14 Hrs
MSPGCL THM	4924	4686	4785	5094	5323	5157	4983
MSPGCL HY	570	518	94	181	139	804	83
MSPGCL GAS	426	426	282	349	409	359	419
MSPGCL TOTAL	5920	5630	5161	5624	5871	6320	5485
Cent. Sect.(incl. RGPPL)	6603	5946	6043	5562	5022	5501	5369
Wind	1301	1385	1089	1066	1163	776	660
CPP	3773	4451	4288	3889	3701	4146	4363
TPCL Asst	-1502	-1478	-1334	-1311	-1477	-1314	-867
MSEDCL Catered	16205	16026	15377	14956	14425	15544	15152
Load Shedding (LS)	85	62	66	414	170	346	77
MSEDCL Demand(Incl LS)	16290	16088	15443	15370	14595	15890	15229
TPCL + REL Dem.	3247	3257	2802	2750	2930	2824	2209
State Demand (Incl LS)	19537	19345	18245	18120	17525	18714	17438
Sys. Freq. (Hz)	49.83	49.94	50.05	49.95	49.85	49.77	50.02

Chief Engineer
MSLDC, Kalwa

SLDC,KALWA
MSPGCL WEEKLY FORCED & PLANNED UNIT OUTAGES

WEEK	30-Jun-14	TO	6-Jul-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	30-Jun-2014		1-Jul-2014		2-Jul-2014		3-Jul-2014		4-Jul-2014		5-Jul-2014		6-Jul-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	*	5
2	KORADI	*	5	*	5,6	*	5,6	*	5,7	*	5,6	*	5	*	5,6
3	KHAPERKHEDA	1	*	1	*	1	*	1	*	1	*	1	*	1	*
4	PARALI	3	4,5	3	4,5	3	4,5	3	4,5	3	4,5	3	4	3	4
5	CHANDRAPUR	*	7	*	7	*	7	*	7	*	7	*	7	*	7,3
6	BHUSAVAL	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	
30-Jun-2014	MONDAY	98.115	4088	34.810	1450	132.925	5539	141.466	5894	8.541	356
1-Jul-2014	TUESDAY	92.658	3861	31.021	1293	123.679	5153	128.164	5340	4.485	187
2-Jul-2014	WEDNESDAY	93.766	3907	29.916	1247	123.682	5153	124.905	5204	1.223	51
3-Jul-2014	THURSDAY	89.876	3745	26.897	1121	116.773	4866	116.417	4851	-0.356	-15
4-Jul-2014	FRIDAY	84.902	3538	30.351	1265	115.253	4802	113.565	4732	-1.688	-70
5-Jul-2014	SATURDAY	85.591	3566	23.895	996	109.486	4562	111.038	4627	1.552	65
6-Jul-2014	SUNDAY	89.586	3733	21.317	888	110.903	4621	108.066	4503	-2.837	-118
	TOTAL	634.494		198.207		832.701		843.621		10.920	

Details of Koyna Water Consumption (In TMC)

DATE	For the Day	For the Month	Balance
30-Jun-14	0.098	1.636	65.864
1-Jul-14	0.047	0.047	65.817
2-Jul-14	0.033	0.080	65.784
3-Jul-14	0.064	0.144	65.720
4-Jul-14	0.070	0.214	65.650
5-Jul-14	0.124	0.338	65.526
6-Jul-14	0.032	0.370	65.494

Supply Position During Evening Peak (MW)

Date	Time	MSEDCL Generation				NO. 401 / 18.03.2014	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												
30-Jun-14	15	4924	570	426	5920	6603	1301	3773	-1502	16205	85	16290	1224	521	19452	19537	49.83
1-Jul-14	16	4686	518	426	5630	5946	1385	4451	-1478	16026	62	16088	1259	520	19283	19345	49.94
2-Jul-14	14	4785	94	282	5161	6043	1089	4288	-1334	15377	66	15443	949	519	18179	18245	50.05
3-Jul-14	14	5094	181	349	5624	5562	1066	3889	-1311	14956	414	15370	918	521	17706	18120	49.95
4-Jul-14	14	5323	139	409	5871	5022	1163	3701	-1477	14425	170	14595	931	522	17355	17525	49.85
5-Jul-14	15	5157	804	359	6320	5501	776	4146	-1314	15544	346	15890	988	522	18368	18714	49.77
6-Jul-14	14	4983	83	419	5485	5369	660	4363	-867	15152	77	15229	822	520	17361	17438	50.02
Maximum		5323	804	426	6320	6603	1385	4451	-867	16205	414	16290	1259	522	19452	19537	50.05
Minimum		4686	83	282	5161	5022	660	3701	-1502	14425	62	14595	822	519	17355	17438	49.77
Average		4993	341	381	5716	5721	1063	4087	-1326	15384	174	15558	1013	521	18243	18418	49.92

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												
30-Jun-14	13	4968	192	426	5586	6951	1157	3673	-1475	16017	139	16156	1255	519	19266	19405	49.94
1-Jul-14	13	5024	204	427	5655	6271	1039	4343	-1478	15992	110	16102	1243	518	19231	19341	49.96
2-Jul-14	12	4865	154	294	5313	6321	1055	4497	-1406	15919	63	15982	987	519	18831	18894	49.97
3-Jul-14	11	4596	732	268	5596	6395	817	3872	-1335	15482	305	15787	989	499	18305	18610	49.86
4-Jul-14	11	4806	549	400	5755	5439	990	3776	-1414	14635	173	14808	922	523	17494	17667	49.77
5-Jul-14	13	5306	377	296	5979	5521	715	4448	-1354	15463	470	15933	998	521	18336	18806	49.81
6-Jul-14	12	4466	174	421	5061	5605	770	4440	-857	15150	128	15278	887	520	17414	17542	49.94
Maximum		5306	732	427	5979	6951	1157	4497	-857	16017	470	16156	1255	523	19266	19405	49.97
Minimum		4466	154	268	5061	5439	715	3673	-1478	14635	63	14808	887	499	17414	17542	49.77
Average		4862	340	362	5564	6072	935	4150	-1331	15523	198	15721	1040	517	18411	18609	49.89

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
30-Jun-14	111.568	6.469	10.388	0.296	128.721	141.466	132.925	31.336	90.336	24.159	12.476	-29.168	363.646	66.250	429.896
1-Jul-14	110.879	5.180	10.320	0.100	126.479	128.164	123.679	31.695	103.360	24.379	12.470	-29.039	361.793	65.888	427.681
2-Jul-14	111.637	2.355	6.895	0.000	120.887	124.905	123.682	32.889	103.945	20.939	12.484	-27.150	356.439	60.571	417.010
3-Jul-14	111.649	5.877	8.108	0.103	125.737	116.417	116.773	30.213	90.562	20.189	12.234	-24.142	339.761	56.565	396.326
4-Jul-14	112.058	6.730	10.023	0.117	128.928	113.565	115.253	31.023	88.125	19.701	12.162	-26.059	336.530	57.922	394.452
5-Jul-14	111.463	8.076	8.927	0.013	128.479	111.038	109.486	28.305	103.465	21.476	12.372	-24.135	348.160	57.981	406.141
6-Jul-14	108.478	3.286	10.203	0.120	122.087	108.066	110.903	28.019	103.987	20.241	12.423	-18.864	344.298	51.526	395.824
Maximum	112.058	8.076	10.388	0.296	128.928	141.466	132.925	32.889	103.987	24.379	12.484	-18.864	363.646	66.250	429.896
Minimum	108.478	2.355	6.895	0.000	120.887	108.066	109.486	28.019	88.125	19.701	12.162	-29.168	336.530	51.526	394.452
Average	111.105	5.425	9.266	0.107	125.903	120.517	118.957	30.497	97.683	21.583	12.374	-25.508	350.090	59.529	409.619

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.

Maharashtra State Load Despatch Centre, Kalwa

Information for Weekly Cabinet Meeting

For the Week

30-Jun-14

to

6-Jul-14

Demand Supply Summary

	Morning Peak (MW)	Evening Peak (MW)
Average Peak Demand	15721	15558
Average Peak Supply	15523	15384
Average Load Relief (LS)	198	174

Average Supply Summary

	Morning Peak (MW)	Evening Peak (MW)	Mus
Thermal	4862	4993	111.10
Gas	362	381	9.27
Hydro	340	341	5.42
CS Drawal (Total)	6072	5721	120.52
TPCL	-1331	-1326	-25.51

Koyna Water position

	Water in TMC Feet
Average Water Used Per Day	0.067
Balance Left	65.494
Balance Left Last Year Same Week	64.623

MSPGCL Unit Outage Position

Date	MSPGCL (in MW)		
	Planned	Forced	Total
30-Jun-14	420	1120	1540
1-Jul-14	420	1330	1750
2-Jul-14	420	1330	1750
3-Jul-14	420	1330	1750
4-Jul-14	420	1330	1750
5-Jul-14	420	1120	1540
6-Jul-14	420	1540	1960

Distressed Load Shedding

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

GENERATING UNIT OUTAGES FOR THE WEEK

FROM 30-Jun-14 TO 6-Jul-14

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
Khaparkheda	Unit 1	210	5-Jun-14	04.59	6-Jul-14	20.37	C.O.H.
Chandrapur	Unit 7	500	19-Jun-14	06.00		Continued.	A/OH.
Koyna	ST-IV 2	250	23-Jun-14	09.00	5-Jul-14	00.29	AOH.
Koyna	Unit 12	80	23-Jun-14	07.50		Continued.	AOH.
Koyna	Unit 7	80	4-Jul-14	07.45	4-Jul-14	17.55	R.M.Work.

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
Dabhol	2B	230	8-Aug-13	15.03		Continued.	Gas Shortage
Dabhol	3X	290	29-Dec-13	05.47		Continued.	Gas Shortage
Dabhol	3B	230	29-Dec-13	06.14		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
CPP	WPCL U-4	135	3-Apr-14	00.01		Continued.	No Schedule
CPP	Dhariwal	300	28-May-14	02.27		Continued.	PA Fan Vibration Problem. (U-1).
Koradi	Unit 5	200	17-Jun-14	11.53		Continued.	I D Fan Bearing Temperature High.
Uran	Unit 5	108	23-Jun-14	21.33		Continued.	For Changeover.
Parli	Unit 5	210	26-Jun-14	00.30	4-Jul-14	22.12	Coal Shortage.
CPP	IPL U-1	270	26-Jun-14	05.46		Continued.	Coal Shortage.
Khaparkheda	Unit 5	500	27-Jun-14	12.52	30-Jun-14	4.07	Economiser Tube Leakage.
CPP	IPL U-2	270	28-Jun-14	20.17	1-Jul-14	09.26	Feed water Line Leakage
Parli	Unit 4	210	29-Jun-14	10.19		Continued.	Coal Shortage
CPP	Adani U-3	660	29-Jun-14	23.03	30-Jun-14	14.59	APH outlet below failure
Koradi	Unit 6	210	30-Jun-14	08.43	3-Jul-14	04.31	Boiler Tube Leakage.
Uran	Unit A0	120	1-Jul-14	23.21	5-Jul-14	13.27	Gas Shortage.
Uran	Unit 6	108	1-Jul-14	23.23	5-Jul-14	10.31	Gas Shortage.
CPP	Adani U-2	660	2-Jul-14	23.08	4-Jul-14	22.28	Due to Heavy Leakage in Superheater Line.
Koradi	Unit 7	210	3-Jul-14	03.29	3-Jul-14	06.55	F D Fan Problem.
Koradi	Unit 6	210	3-Jul-14	09.53	4-Jul-14	08.16	ID Fan Problem.
Chandrapur	Unit 1	210	4-Jul-14	18.35	4-Jul-14	22.35	Bus Bar Prot Optd.
Chandrapur	Unit 2	210	4-Jul-14	18.35	5-Jul-14	11.26	Stn T/F Tripped.
Nasik	Unit 5	210	4-Jul-14	19:35	6-Jul-14	12.45	BTL
Koradi	Unit 6	210	5-Jul-14	10.46	7-Jul-14	03.17	flame failure
CPP	IPL U-2	270	5-Jul-14	13.38	5-Jul-14	15.15	boiler tripped
Uran	Unit A0	120	5-Jul-14	09.20	5-Jul-14	13.27	genretor signalling problem
Uran	Unit B0	120	5-Jul-14	09.20	5-Jul-14	11.37	genretor signalling problem
Uran	Unit 6	108	5-Jul-14	09.20	5-Jul-14	10.31	genretor signalling problem
Uran	Unit 7	108	5-Jul-14	09.20	5-Jul-14	10.04	genretor signalling problem
Uran	Unit 8	108	5-Jul-14	09.20	5-Jul-14	10.10	genretor signalling problem
Chandrapur	Unit 3	210	5-Jul-14	22.56		Continued.	due to work of safty valve
Koradi	Unit 6	210	5-Jul-14	10.48	7-Jul-14	03.19	flem Fauilar
Paras	Unit 4	250	6-Jul-14	19.26		Continued.	Boiler Tube Leakage
Bhusawal	Unit 2	210	6-Jul-14	11.17		Continued.	ID Fan Problem

LINE OUTAGES FOR THE WEEK

FROM 30-Jun-14 TO 6-Jul-14

Voltage	Name	date_trip	time_trip	date_sync	time_sync	Reason
400KV	Kolhapur - Mapusa - II	29-Jun-14	17.08	30-Jun-14	09.01	Over Voltage
400KV	Dhule-Sar'Sarovar - II	29-Jun-14	18.17	30-Jun-14	5.57	Over Voltage
400KV	Karad - Kolhapur - I	29-Jun-14	16.47	30-Jun-14	6.53	Over Voltage
400KV	Bhusawal- Aurangabad	29-Jun-14	18.09	30-Jun-14	6.13	Over Voltage
400KV	400/132KV 200 MVA ICT-II @ Bhusawal	29-Jun-14	20.40	30-Jun-14	01.07	Testing work
400KV	Koradi - II - Indiabull	30-Jun-14	15.11	30-Jun-14	20.08	Strenghtning of 12 No's of Jumper.
400KV	Karad - Kolhapur - I	30-Jun-14	16.35	1-Jul-14	06.15	Over Voltage.
400KV	Dhule-Sar'Sarovar - I	30-Jun-14	18.15	1-Jul-14	05.42	Over Voltage
400KV	Kolhapur - Mapusa - I	30-Jun-14	16.46	1-Jul-14	08.44	Over Voltage
400KV	400/220 KV 500 MVA ICT - I @ Warora	30-Jun-14	11.47	30-Jun-14	16.46	To Attend CTR Fire Protection Indication Which Was Received on ICT.
400KV	Dabhol - NewKoyna - II	1-Jul-14	04.32	1-Jul-14	05.16	Distance Protection.
400KV	Karad - Kolhapur - I	1-Jul-14	17.03	2-Jul-14	07.17	Over Voltage.
400KV	Padgha - Talegaon (PG)	1-Jul-14	13.51	1-Jul-14	19.40	Replacement of Insulator.
400KV	Dabhol-Nagothane - II	1-Jul-14	16.37	2-Jul-14	10.14	Hot Spot.
400KV	Kolhapur - Mapusa - I	1-Jul-14	18.10	2-Jul-14	08.47	Over Voltage.
400KV	400/220KV,500MVA ICT-III At Kalwa.	2-Jul-14	04.36	2-Jul-14	06.12	NDR.
400KV	Karad - Kolhapur - II	2-Jul-14	17.13	3-Jul-14	09.31	Over Voltage.
400KV	Dhule-Sar'Sarovar - II	2-Jul-14	17.17	3-Jul-14	06.14	Over Voltage.
400KV	Kolhapur-Mapusa-II	2-Jul-14	17.26	3-Jul-14	09.26	Over Voltage.
400KV	400/220KV,500 MVA ICT-III At A'bad.	2-Jul-14	14.33	2-Jul-14	17.08	Tripped on NDR,Heavy Rain @ Aurangabad S/S load Trimming Schem Operated
400KV	Chandrapur-2 - Chandrapur-1	2-Jul-14	17.04	2-Jul-14	17.39	For Taking Line Reactor in Service.
400KV	765 KV Solapur - Raichur - II	2-Jul-14	12.05	2-Jul-14	15.14	To Attend R,Y Ph W/T Work @ Solapur.
400KV	765 KV Wardha PG - Aurangabad PG	2-Jul-14	08.25	3-Jul-14	20.45	Hot Spot in Line Side Y Wave Trap.
400KV	Aurangabad (M) - 400KV Aurangabad (PG) - II	2-Jul-14	23.38	3-Jul-14	00.06	Over Voltage.
400KV	Dabhol-Nagothane - II	2-Jul-14	22.45	4-Jul-14	09.52	Hot Spot on Isolator, RFG @ 00.02 Hrs.dt 3.7.14.
400KV	765 KV Aurangabad PG - Wardha PG - II	3-Jul-14	02.30	3-Jul-14	02.31	First Time Charged
400KV	Dhule-Sar'Sarovar - I	3-Jul-14	05.00	3-Jul-14	05.57	Distance Protection.
400KV	Dhule-Sar'Sarovar - I	3-Jul-14	06.28		Continued.	Distance Protection.
400KV	Karad - Kolhapur - I	3-Jul-14	16.39	4-Jul-14	07.49	Over Voltage.
400KV	Karad-Jaigad I	3-Jul-14	18.06	4-Jul-14	07.51	Over Voltage.
400KV	765 KV Aurangabad PG - Wardha PG - II	3-Jul-14	12.41	3-Jul-14	22.56	Outage on 400KV A'bad-A'bad ckt i.
400KV	Karad - Solapur (PGCIL)	3-Jul-14	13.34	4-Jul-14	06.31	CVT Replacement. RFC-17.14 Hrs.
400KV	Aurangabad (M) 400KV Aurangabad (PG) - I	3-Jul-14	13.31	3-Jul-14	17.08	Changing CT Ratio at A'bad end.
400KV	Kolhapur - Mapusa - I	3-Jul-14	18.08	4-Jul-14	09.23	Over Voltage.
400KV	Aurangabad (M) - 400KV Aurangabad (PG) - II	3-Jul-14	18.23	3-Jul-14	21.02	Changing CT Ratio at A'bad end.
400KV	400/220 KV 315 MVA ICT - I @ Chakan	3-Jul-14	23.43	4-Jul-14	05.52	A.M.Work
400KV	Main Bus I at Lonikand	4-Jul-14	03.16	4-Jul-14	04.18	Bus Bar Prot Optd.
400KV	400/220KV,315 MVA ICT-I At Lonikand.	4-Jul-14	03.16	4-Jul-14	04.20	Bus Bar Prot Optd.
400KV	400/220 KV 315 MVA ICT-II @ Lonikand	4-Jul-14	03.16	4-Jul-14	04.20	Bus Bar Prot Optd.
400KV	Interconnector II at Lonikand	4-Jul-14	03.16	4-Jul-14	04.22	Bus Bar Prot Optd.
400KV	Lonikand -Talegaon(PG)	4-Jul-14	03.16	4-Jul-14	04.41	Bus Bar Prot Optd.
400KV	Lonikand-Karad	4-Jul-14	03.16	5-Jul-14	07.55	R-Ph CT Burst Bus Bar Prot Optd.
400KV	Interconnector I at Lonikand	4-Jul-14	03.16	4-Jul-14	04.18	Bus Bar Prot Optd.
400KV	Tie Bay 2 at Lonikand	4-Jul-14	11.20	4-Jul-14	12.27	Top up of oil B-Ph CT.
400KV	Koradi - Bhusawal	4-Jul-14	16.15	4-Jul-14	20.09	Taking repaired reactor in service.
400KV	400/220KV 315MVA ICT- I @ Chandrapur	4-Jul-14	18.35	4-Jul-14	19.41	220KV Bus Bar Prot Optd.
400KV	Karad - Kolhapur - II	4-Jul-14	16.20	5-Jul-14	12.59	Over Voltage.
400KV	Karad-Jaigad I	4-Jul-14	16.37	5-Jul-14	08.18	Over Voltage.
400KV	Kalwa - Talegaon (PGCIL)	4-Jul-14	06.18	4-Jul-14	10.34	Hot spot attending work.
400KV	Kolhapur - Mapusa - II	4-Jul-14	16.42	5-Jul-14	08.29	Over Voltage.
400KV	400/15.75KV 250MVA GT II at CHDPR	4-Jul-14	18.35	5-Jul-14	11.26	Bus Bar Prot Optd.
400KV	Bhusawal - Koradi	5-Jul-14	15.53	5-Jul-14	16.03	attend oil leakage in reactor
400KV	Bhusawal - Koradi	5-Jul-14	18.55	5-Jul-14	23.36	distance protection
400KV	Karad - Kolhapur - I	5-Jul-14	17.25	6-Jul-14	07.46	over voltage
400KV	Bhusawal- Aurangabad	5-Jul-14	18.12	6-Jul-14	11.08	over voltage
400KV	Kolhapur - Mapusa - I	5-Jul-14	16.36	6-Jul-14	10.21	over voltage
400KV	765 KV Wardha PG - Aurangabad PG 1	5-Jul-14	18.28	5-Jul-14	18.30	I/S
400KV	Kolhapur - Mapusa - II	6-Jul-14	16.11		Continued.	Over Voltage
400KV	Karad - Kolhapur - I	6-Jul-14	16.09		Continued.	Over Voltage
400KV	Bhusawal- Aurangabad	6-Jul-14	17.11		Continued.	Over Voltage
400KV	Karad-Jaigad I	6-Jul-14	18.54		Continued.	Over Voltage
400KV	765 KV Aurangabad PG - Wardha PG - II	6-Jul-14	22.27		Continued.	Distance Protection
220KV	Chikhali - Jalna - II	8-Jun-14	00.53	2-Jul-14	15.15	Distance Protection(Charged from Jalna end only at 21.00Hrs)
220KV	Satara MIDC-Vankushwadi-I	30-Jun-14	09.20	30-Jun-14	14.20	C T Tan Delta
220KV	Mumewadi-Mudshingi	30-Jun-14	10.04	30-Jun-14	12.26	Insulator String Washing & Q.M.Work.
220KV	220/132KV 200MVA ICT-IV at Tilwani	30-Jun-14	10.08	30-Jun-14	13.10	Q.M.Work.
220KV	Ghodbhunder - Gorai	30-Jun-14	10.08	1-Jul-14	18.28	Attending SF6 Gas Leakage @ PT Chember.
220KV	Main Bus @ Dasturi	30-Jun-14	10.39	30-Jun-14	12.32	R Ph Bottom Jumper Hot Spot @ Dasturilote.
220KV	Uran-Kharghar-II	30-Jun-14	14.30	2-Jul-14	10.28	Taken on TBC,For Bkr Overhauling for 3 Days.
220KV	Mudshingi - Chikodi	30-Jun-14	13.35	30-Jun-14	20.14	Relay Testing Work.
220KV	Ambazari-Amravati	30-Jun-14	09.04	30-Jun-14	14.03	For Providing Repair Sleeved Conductor.
220KV	Khaparkheda-Kawlewada-II	30-Jun-14	09.18	30-Jun-14	14.46	Conversion of String STN to DTN & SSN TO DSN.
220KV	Chandrapur - Warora	30-Jun-14	11.22	30-Jun-14	16.40	Distance Protection Operated Z-I Y Ph.
220KV	220/132KV 100MVA ICT I at Hingoli	30-Jun-14	22.01	1-Jul-14	04.22	220KV Bus Section-I Bus Bar Operated, B Ph PT Burst.

220KV	220/33 KV 25 MVA T/F I Hingoli	30-Jun-14	22.01	1-Jul-14	04.23	220KV Bus Section-I Bus Bar Operated, B Ph PT Burst.
220KV	Hingoli-Girawali	30-Jun-14	22.01	1-Jul-14	04.14	220KV Bus Section-I Bus Bar Operated, B Ph PT Burst.
220KV	Khargar-Topworth	1-Jul-14	11.05	1-Jul-14	17.30	Replacement of Insulator.
220KV	220/132 KV 200 MVA ICT - I @ Borivali	1-Jul-14	09.47	1-Jul-14	12.05	While Testing.
220KV	Chandrapur MIDC-GEPL Ckt.I	1-Jul-14	06.24	1-Jul-14	13.26	For Testing Work.
220KV	Khaparkheda-Kawlewada-I	1-Jul-14	09.03	1-Jul-14	18.25	Conversion of SSN to DSN.
220KV	Mudshingi - Talandage - I	2-Jul-14	10.12	2-Jul-14	19.29	Replacement of Old Nut Bolt Clamp.
220KV	Bale - Tuljapur	2-Jul-14	11.35	2-Jul-14	14.34	Q.M.Work.
220KV	Nasik-Navsari-I	2-Jul-14	07.07	2-Jul-14	14.52	Distance Protection.
220KV	Mudshingi - Chikodi	2-Jul-14	10.11	2-Jul-14	20.50	Replacement of Old Nut Bolt Clamp.
220KV	220/132KV 200MVA ICT-II at Ambazari	2-Jul-14	09.32	2-Jul-14	17.02	Attending Air Leakage of LV Breaker & Breaker Timing of HV LV Breaker,Tan Del
220KV	Khaperkheda-Purti	2-Jul-14	09.31	2-Jul-14	19.32	Measurment Work,Premansoon Maintenance Work.
220KV	Khaperkheda - Koradi	2-Jul-14	08.49	2-Jul-14	19.27	Conversion of SSN to DSN.
220KV	Aurangabad-Jalna-I	2-Jul-14	14.33	2-Jul-14	15.10	Tripped on NDR,Heavy Rain @ Aurangabad S/S load Trimming Schem Operated
220KV	Aurangabad-Jalna-II	2-Jul-14	14.33		Continued.	Heavy Rain @ Aurangabad S/S load Trimming Schem Operated,Ckt Charged from Chikhli End @ 15.15 Hrs DT 2.7.14.
220KV	Parli-Usmanabad	2-Jul-14	11.31	2-Jul-14	14.34	Usmanbad S/S Load on Bale,in View of 220KV Tulzapur-Bale Under Outage.
220KV	Nasik-Navsari - II	3-Jul-14	01.25	3-Jul-14	14.30	Distance Protection.
220KV	Nasik-Navsari-I	3-Jul-14	04.17	3-Jul-14	13.54	Distance Protection.
220KV	220/132KV200MVA ICT IV @Phursungi	3-Jul-14	08.00	3-Jul-14	17.30	Half Yearly main.work.
220KV	Jejuri-Jejuri-II	3-Jul-14	10.06	3-Jul-14	21.58	Annual testing work.
220KV	Apta-Bombay Dyeing	3-Jul-14	08.38	3-Jul-14	10.18	Attending hot spot.
220KV	Bombay Dyeing - Sahara	3-Jul-14	10.35	3-Jul-14	12.43	Attending hot spot.
220KV	Babaleshwar - Alephata	3-Jul-14	09.11	3-Jul-14	17.40	Q.M.Work
220KV	Chinchwad - Parvati	3-Jul-14	19.25	3-Jul-14	21.41	Emergency outage.
220KV	220/132 KV 200 MVA ICT-II @ Nagar.	3-Jul-14	16.58	3-Jul-14	19.21	Main Buchholz trip.
220KV	Chandrapur - Warora	3-Jul-14	06.52	3-Jul-14	18.48	OPGW Work.
220KV	Chandrapur-Wani	3-Jul-14	07.56	3-Jul-14	18.51	OPGW Work.
220KV	220/132 KV 200 MVA ICT-I @ Harangul.	3-Jul-14	18.14	3-Jul-14	20.48	Repl.of diff relay by numerical relay.
220KV	220/132KV 200MVA ICT-II at Ambazari	3-Jul-14	07.17	3-Jul-14	11.12	Repl of isolator mechanism.
220KV	BUS SECTION I at Hingoli	3-Jul-14	10.42	3-Jul-14	18.00	Repl of B-Ph PT by new one and tan delta measurement of CT's.
220KV	Murud - Girawli.	3-Jul-14	11.51	3-Jul-14	18.19	Attending hot spot.
220KV	Kanhan - Umred - I	3-Jul-14	11.10	3-Jul-14	15.10	BKR timing and CRM.
220KV	Kanhan - Umred - II	3-Jul-14	15.25	3-Jul-14	18.22	BKR timing and CRM.
220KV	Hingoli-Girawali	3-Jul-14	10.36	3-Jul-14	17.52	B.S.Outage at Hingoli S/S.
220KV	220/132KV 100MVA ICT I at Hingoli	3-Jul-14	10.39	3-Jul-14	18.10	B.S.Outage at Hingoli S/S.
220KV	Main Bus @ Mumewadi	4-Jul-14	10.15	4-Jul-14	12.40	Red hot bus isolator.
220KV	Wadkhal-IPCL-II	4-Jul-14	09.28	4-Jul-14	15.02	Relay testing work.
220KV	Nasik-Padgha	4-Jul-14	04.12	4-Jul-14	16.52	Dist.Prot.
220KV	Nasik - Ghatghar	4-Jul-14	02.17	4-Jul-14	14.50	Dist.prot.
220KV	Nasik-Navsari-I	4-Jul-14	05.11	4-Jul-14	12.20	Dist.Prot.
220KV	SPCL - IPCL	4-Jul-14	09.17	4-Jul-14	15.28	Line maint work.
220KV	Vita - Lamboti	4-Jul-14	16.30	4-Jul-14	19.04	Connection open jumps at loc.no 30.
220KV	Bus-I at 400KV C'pur	4-Jul-14	18.35	4-Jul-14	19.41	220KV Bus Bar Prot Optd.while taking Wani Ckt I/S.
220KV	Bus Coupler at 400KV C'pur	4-Jul-14	18.35	4-Jul-14	19.41	220KV Bus Bar Prot Optd.
220KV	Chandrapur-Sicom - II	4-Jul-14	18.35	4-Jul-14	19.41	220KV Bus Bar Prot Optd.
220KV	Chandrapur - Rly TSS - II	4-Jul-14	18.35	4-Jul-14	19.41	220KV Bus Bar Prot Optd.
220KV	Chandrapur - Chandrapur MIDC	4-Jul-14	18.35	4-Jul-14	19.41	220KV Bus Bar Prot Optd.
220KV	Chandrapur - Warora	4-Jul-14	07.16	4-Jul-14	18.20	OPGW Work.
220KV	Chandrapur-Wani	4-Jul-14	07.18	4-Jul-14	19.56	OPGW Work.
220KV	220/7KV 40 MVA Stn T/F- II @ C'PUR	4-Jul-14	18.35	4-Jul-14	19.31	Bus Bar Prot Optd.
220KV	220/15.75KV 250MVA GT I at CHDPR	4-Jul-14	18.35	3-Jul-14	20.45	Bus Bar Prot Optd.
220KV	Ghatghar-Bapgaon	5-Jul-14	09.30	5-Jul-14	15.13	safety purpose ,nsk-ghatgher outage
220KV	Ghatghar-Nasik	5-Jul-14	09.45	5-Jul-14	14.07	at loc no.5 insulator replacement work
220KV	Babaleshwar - Nagar - I	5-Jul-14	09.07	5-Jul-14	19.29	R phase LA replacement at bblr.
220KV	220/132 KV 200 MVA ICT - I @ Babaleshwar	5-Jul-14	09.15	5-Jul-14	12.05	Q.M.work
220KV	Chinchwad - Hinjewadi	5-Jul-14	10.45	5-Jul-14	18.08	testing work
220KV	Kalwa - Salshet - III	6-Jul-14	06.07	6-Jul-14	20.20	Relay Work
220KV	Chandrapur - Warora	6-Jul-14	07.00	6-Jul-14	16.31	OPGW and E/W replacement work
220KV	Chandrapur-Wani	6-Jul-14	07.03	6-Jul-14	16.38	OPGW and E/W replacement work
220KV	Kalmeshwar - Pandurna	6-Jul-14	08.23	6-Jul-14	17.39	Conversion of SSN to DSN
220KV	Khaparkheda-Kawlewada-I	6-Jul-14	08.43	6-Jul-14	12.33	Conversion of STN to DTN
132KV	Dondaicha - Sahada	30-Jun-14	15.22	30-Jun-14	15.35	Distance Protection Operated Z-I Y Ph.
132KV	Pusad-Jambazar	1-Jul-14	19.53	1-Jul-14	20.12	Distance Protection Operated Z-I B Ph.
132KV	Padegaon-Pishor	2-Jul-14	14.33	2-Jul-14	17.33	500 MVA ICT @ Aurangabad S/S Tripped on NDR,Heavy Rain @ Aurangabad S/S load Trimming Schem Operated.
132KV	Paras-Akot	2-Jul-14	23.41	2-Jul-14	23.49	Load Trimming Scheme Operated.
132KV	Sawangi - Cosmo Films	2-Jul-14	18.50	2-Jul-14	22.21	Y Ph Metering C T Burst @ Gaps S/S.
132KV	Chitegaon-Paithan	6-Jul-14	06.16		Continued.	Distance Protection
100KV	Kalyan-S'set I	4-Jul-14	08.48	4-Jul-14	17.24	Repl.of insulator.
100KV	Kalwa - Vashi - II	4-Jul-14	09.16	4-Jul-14	16.24	Line maint.work.