

MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.

Maharashtra State Load Despatch Centre, Kalwa

To,
DSS CONTROL ROOM,
Head Office Mumbai.

No. 0082/12.01.15

Sub: Report of the Power System position for the period 5-Jan-15 To 11-Jan-15

Date	Monday 5-Jan-15	Tuesday 6-Jan-15	Wednesday 7-Jan-15	Thursday 8-Jan-15	Friday 9-Jan-15	Saturday 10-Jan-15	Sunday 11-Jan-15
On Line Capacity (MW)							
MSPGCL THM	5456	5534	5314	5431	5737	5520	5595
MSPGCL HY	1283	1283	1264	1265	1262	1263	1263
MSPGCL GAS	465	300	300	300	300	300	465
MSPGCL TOTAL	7204	7117	6878	6996	7299	7083	7323
Cent. Sect.(incl. RGPPL)	5312	5445	5442	5146	5458	5439	5060
MSPGCL + CS	12516	12562	12320	12142	12757	12522	12383
TPCL	1197	1197	1197	1197	1197	1197	1197
REL	250	250	250	250	250	250	250
TPCL + REL	1447	1447	1447	1447	1447	1447	1447
CPP	3561	3563	4007	3478	4182	4182	4109
STATE OLC	17524	17572	17774	17067	18386	18151	17939
Morning Peak Demand (MW)	12 Hrs	12 Hrs	11 Hrs	12 Hrs	11 Hrs	12 Hrs	11 Hrs
MSPGCL THM	5080	5606	5249	5351	5352	5456	5429
MSPGCL HY	301	471	524	467	417	598	464
MSPGCL GAS	278	274	285	280	275	294	444
MSPGCL TOTAL	5659	6351	6058	6098	6044	6348	6337
Cent. Sect.(incl. RGPPL)	5579	5742	5479	5129	5489	5376	5178
Wind	278	32	63	226	338	112	155
CPP	3668	3961	4362	4550	3913	4297	4562
TPCL Asst	-1392	-1417	-1380	-1353	-1346	-1166	-981
MSEDCL Catered	13986	14831	14766	14852	14604	15172	15439
Load Shedding (LS)	61	63	53	63	61	68	59
MSEDCL Demand(Incl LS)	14047	14894	14819	14915	14665	15240	15498
TPCL + REL Dem.	2501	2562	2500	2424	2460	2300	1830
State Demand (Incl LS)	16548	17456	17319	17339	17125	17540	17328
Sys. Freq. (Hz)	50.01	49.97	49.89	49.98	49.91	50	49.92
Evening Peak Demand (MW)	16 Hrs	15 Hrs	14 Hrs	15 Hrs	16 Hrs	15 Hrs	14 Hrs
MSPGCL THM	5103	5150	5087	5294	5617	5845	5749
MSPGCL HY	387	155	92	140	107	141	132
MSPGCL GAS	281	268	282	280	270	281	439
MSPGCL TOTAL	5771	5573	5461	5714	5994	6267	6320
Cent. Sect.(incl. RGPPL)	5324	5545	5741	5274	5332	5207	4920
Wind	37	31	125	54	52	37	92
CPP	3667	4035	4146	4297	3606	4392	4513
TPCL Asst	-1303	-1347	-1336	-1198	-1301	-1200	-995
MSEDCL Catered	13579	13956	14340	14320	13842	14882	15068
Load Shedding (LS)	59	70	63	70	65	78	67
MSEDCL Demand(Incl LS)	13638	14026	14403	14390	13907	14960	15135
TPCL + REL Dem.	2410	2452	2380	2332	2348	2141	1767
State Demand (Incl LS)	16048	16478	16783	16722	16255	17101	16902
Sys. Freq. (Hz)	49.97	49.9	49.92	49.83	49.96	49.97	50.04

Chief Engineer
MSLDC, Kalwa

SLDC,KALWA

MSPGCL WEEKLY FORCED & PLANNED UNIT OUTAGES

WEEK	5-Jan-15	TO	11-Jan-15
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A) (UNITWISE PLANNED/FORCED OUTAGE POSITION @ 05:30 HRS. OF THE DAY OF (MSPGCL THERMAL UNITS ONLY)

Sr.No	Date	5-Jan-2015		6-Jan-2015		7-Jan-2015		8-Jan-2015		9-Jan-2015		10-Jan-2015		11-Jan-2015	
	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	*	*	*	*	*	*	*	*	*	*	*	*
2	KORADI	5	*	5	*	5	*	5	*	5	*	5	*	5	*
3	KHAPERKHEDA	*	*	*	*	*	*	*	*	*	*	*	4	*	4
4	PARALI	3	4	3	4	3	4	3	4	3	4	3	*	3	*
5	CHANDRAPUR	1	*	1	*	1	*	1	*	1	*	1	3	1	3
6	BHUSAVAL	2	3	2	3	2	3	2	3	2	*	2	*	2	*
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.

3) Koradi U-5,Chandrapur U-1 and Bhusawal U-2 declared under Economic Shutdown by MSPGCL

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	
5-Jan-2015	MONDAY	74.884	3120	14.905	621	89.789	3741	92.798	3867	3.009	125
6-Jan-2015	TUESDAY	83.254	3469	17.295	721	100.549	4190	101.406	4225	0.857	36
7-Jan-2015	WEDNESDAY	85.342	3556	16.813	701	102.155	4256	105.609	4400	3.454	144
8-Jan-2015	THURSDAY	87.681	3653	9.999	417	97.680	4070	97.957	4082	0.277	12
9-Jan-2015	FRIDAY	83.483	3478	14.626	609	98.109	4088	95.783	3991	-2.326	-97
10-Jan-2015	SATURDAY	82.495	3437	12.391	516	94.886	3954	92.873	3870	-2.013	-84
11-Jan-2015	SUNDAY	82.197	3425	8.066	336	90.263	3761	89.830	3743	-0.433	-18
	TOTAL	579.336		94.095		673.431		676.256		2.825	

Details of Koyna Water Consumption (In TMC)

DATE	For the Day	For the Month	Balance
5-Jan-15	0.060	0.438	35.772
6-Jan-15	0.068	0.506	35.704
7-Jan-15	0.072	0.578	35.632
8-Jan-15	0.092	0.670	35.540
9-Jan-15	0.057	0.727	35.483
10-Jan-15	0.066	0.793	35.417
11-Jan-15	0.059	0.852	35.358

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	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	Hzs
5-Jan-15	16	5103	387	281	5771	5324	37	3667	-1303	13579	59	13638	844	263	15989	16048	49.97
6-Jan-15	15	5150	155	268	5573	5545	31	4035	-1347	13956	70	14026	844	261	16408	16478	49.90
7-Jan-15	14	5087	92	282	5461	5741	125	4146	-1336	14340	63	14403	782	262	16720	16783	49.92
8-Jan-15	15	5294	140	280	5714	5274	54	4297	-1198	14320	70	14390	871	263	16652	16722	49.83
9-Jan-15	16	5617	107	270	5994	5332	52	3606	-1301	13842	65	13907	784	263	16190	16255	49.96
10-Jan-15	15	5845	141	281	6267	5207	37	4392	-1200	14882	78	14960	679	262	17023	17101	49.97
11-Jan-15	14	5749	132	439	6320	4920	92	4513	-995	15068	67	15135	510	262	16835	16902	50.04
Maximum		5845	387	439	6320	5741	125	4513	-995	15068	78	15135	871	263	17023	17101	50.04
Minimum		5087	92	268	5461	4920	31	3606	-1347	13579	59	13638	510	261	15989	16048	49.83
Average		5406	165	300	5871	5335	61	4094	-1240	14284	67	14351	759	262	16545	16613	49.94

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	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW	Hzs
5-Jan-15	12	5080	301	278	5659	5579	278	3668	-1392	13986	61	14047	846	263	16487	16548	50.01
6-Jan-15	12	5606	471	274	6351	5742	32	3961	-1417	14831	63	14894	885	260	17393	17456	49.97
7-Jan-15	11	5249	524	285	6058	5479	63	4362	-1380	14766	53	14819	861	259	17266	17319	49.89
8-Jan-15	12	5351	467	280	6098	5129	226	4550	-1353	14852	63	14915	808	263	17276	17339	49.98
9-Jan-15	11	5352	417	275	6044	5489	338	3913	-1346	14604	61	14665	851	263	17064	17125	49.91
10-Jan-15	12	5456	598	294	6348	5376	112	4297	-1166	15172	68	15240	871	263	17472	17540	50.00
11-Jan-15	11	5429	464	444	6337	5178	155	4562	-981	15439	59	15498	587	262	17269	17328	49.92
Maximum		5606	598	444	6351	5742	338	4562	-981	15439	68	15498	885	263	17472	17540	50.01
Minimum		5080	301	274	5659	5129	32	3668	-1417	13986	53	14047	587	259	16487	16548	49.89
Average		5360	463	304	6128	5425	172	4188	-1291	14807	61	14868	816	262	17175	17236	49.95

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
5-Jan-15	121.860	5.596	7.832	0.340	135.628	92.798	89.789	9.802	82.539	14.474	5.472	-28.391	293.523	48.335	341.858
6-Jan-15	123.957	6.411	6.885	0.542	137.795	101.406	100.549	3.597	89.324	14.715	5.593	-28.935	304.098	49.246	353.344
7-Jan-15	120.573	6.207	6.984	0.469	134.233	105.609	102.155	1.844	94.229	14.882	5.642	-27.792	309.283	48.316	357.599
8-Jan-15	125.112	6.063	6.957	0.499	138.631	97.957	97.680	5.141	94.926	15.033	5.680	-26.590	311.273	47.304	358.577
9-Jan-15	127.070	4.785	6.893	0.516	139.264	95.783	98.109	6.949	88.159	14.476	5.605	-27.421	303.985	47.502	351.487
10-Jan-15	125.738	5.708	7.859	0.538	139.843	92.873	94.886	4.599	95.702	13.652	5.531	-25.623	308.668	44.806	353.474
11-Jan-15	122.390	4.828	10.919	0.536	138.673	89.830	90.263	7.851	94.311	10.716	5.624	-22.057	309.874	38.397	348.271
Maximum	127.070	6.411	10.919	0.542	139.843	105.609	102.155	9.802	95.702	15.033	5.680	-22.057	311.273	49.246	358.577
Minimum	120.573	4.785	6.885	0.340	134.233	89.830	89.789	1.844	82.539	10.716	5.472	-28.935	293.523	38.397	341.858
Average	123.814	5.657	7.761	0.491	137.724	96.608	96.204	5.683	91.313	13.993	5.592	-26.687	305.815	46.272	352.087

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

For the Week **5-Jan-15** to **11-Jan-15**

Demand Supply Summary

	Morning Peak (MW)	Evening Peak (MW)
Average Peak Demand	14868	14351
Average Peak Supply	14807	14284
Average Load Relief (LS)	61	67

Average Supply Summary

	Morning Peak (MW)	Evening Peak (MW)	Mus
Thermal	5360	5406	123.81
Gas	304	300	7.76
Hydro	463	165	5.66
CS Drawal (Total)	5425	5335	96.61
TPCL	-1291	-1240	-26.69

Koyna Water position

	Water in TMC Feet
Average Water Used Per Day	0.068
Balance Left	35.358
Balance Left Last Year Same Week	24.803

MSPGCL Unit Outage Position

Date	MSPGCL (in MW)		
	Planned	Forced	Total
5-Jan-15	830	630	1460
6-Jan-15	830	420	1250
7-Jan-15	830	420	1250
8-Jan-15	830	420	1250
9-Jan-15	830	210	1040
10-Jan-15	830	420	1250
11-Jan-15	830	420	1250

Distressed Load Shedding

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

GENERATING UNIT OUTAGES FOR THE WEEK

FROM 5-Jan-15 TO 11-Jan-15

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
Koyna	Unit 11	80	23-Sep-14	02.30		Continued.	Stator Earth Fault
Cent_Sect	Tarapur 1	160	12-Oct-14	22.39		Continued.	Refuelling work.(60Days)
Hydro	GhatgharU2	125	23-Dec-14	08.30		Continued.	Annual Overhaul
Tata	Trombay 5	500	3-Jan-15	20.30		Continued.	Annual Maintenance

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
CPP	WPCL U-2	135	18-Feb-14	00.02		Continued.	Ash Conveying problem
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.	economic shutdown
Chandrapur	Unit 1	210	28-Aug-14	07.15		Continued.	economic shutdown
Bhusawal	Unit 2	210	13-Sep-14	12.43		Continued.	Economic shutdown
Parli	Unit 4	210	13-Oct-14	10.49	9-Jan-15	06.24	Coal Shortage.
CPP	WPCL U-1	135	30-Oct-14	00.43		Continued.	ESP Bag Filter Damaged
CPP	IPL U-2	270	30-Oct-14	16.16		Continued.	Gen.Diff.Protection operated
CPP	Adani U1	660	8-Dec-14	14.45	6-Jan-15	10.11	Uproting of turbine steam chest drain line
Tata	Trombay 7A	120	11-Dec-14	21.51		Continued.	Mandatory Gas Path Inspection.
Tata	Trombay 7B	60	11-Dec-14	20.39		Continued.	Mandatory Gas Path Inspection.
Cent_Sect	TARAPUR-4	540	19-Dec-14	19.04		Continued.	W/Dn.
CPP	WPCL U-3	135	25-Dec-14	14.02		Continued.	ID Fan Problem.
Uran	Unit 7	108	28-Dec-14	04.49		Continued.	Gas Shortage.
Nasik	Unit 5	210	2-Jan-15	19.35	5-Jan-15	07.11	ID Fan Problem.
CPP	JSW (J) U2	300	2-Jan-15	20.51		Continued.	W/Dn.
REL	2	250	4-Jan-15	01.55		Continued.	Stator E/F.
Bhusawal	Unit 3	210	4-Jan-15	00.36	8-Jan-15	20.15	Boiler Tube Leakage
CPP	Adani U-4	660	4-Jan-15	03.24		Continued.	MOV Leakage
Uran	Unit 6	108	5-Jan-15	18.07	10-Jan-15	02.03	Gas Shortage.
Koyna	Unit 8	80	8-Jan-15	16.20	8-Jan-15	17.15	excitation failure
Koyna	UNIT 6	75	8-Jan-15	17.15	8-Jan-15	21.45	T/F MBT
Paras	Unit 3	250	8-Jan-15	20.10	9-Jan-15	03.35	Drum level high
Khaparkheda	Unit 4	210	9-Jan-15	22.03		Continued.	Turbine mainatnce work
Chandrapur	Unit 3	210	9-Jan-15	23.38		Continued.	Boiler Tube Leakage
Uran	Unit A0	120	10-Jan-15	02.35	10-Jan-15	06.26	water pump prob.
Bhusawal	Unit 3	210	11-Jan-15	08.23		Continued.	Boiler Tube leakage
Koradi	Unit 6	210	12-Jan-15	02.00		Continued.	ID Fan Problem
Khaparkheda	Unit 3	210	12-Jan-15	02.20		Continued.	Furnace Pressure High

LINE OUTAGES FOR THE WEEK

		FROM		TO			
		5-Jan-15		11-Jan-15			
Voltage	Name	date_trip	time_trip	date_sync	time_sync	Reason	
500KV	HVDC Pole-I	7-Jan-15	23.16	8-Jan-15	05.05	Emergency outage.	
500KV	HVDC Pole II Padgha	9-Jan-15	22.21	10-Jan-15	03.37	maintance work	
400KV	Bableshtar-Tapitanda I	3-Jan-15	18.16	5-Jan-15	09.00	Over Voltage	
400KV	Bhusawal- Aurangabad	3-Jan-15	16.49	5-Jan-15	08.44	Over Voltage	
400KV	Kolhapur-Solapur (PG) II	4-Jan-15	02.25	6-Jan-15	08.44	Over Voltage	
400KV	Karad-Jaigad I	4-Jan-15	16.03	5-Jan-15	09.21	Over Voltage	
400KV	Lonikand- Koyna Stage IV	4-Jan-15	17.41	5-Jan-15	07.11	Over Voltage	
400KV	Kolhapur - Mapusa - II	4-Jan-15	16.09	5-Jan-15	09.32	Over Voltage	
400KV	Dhule-Sar'Sarovar - I	4-Jan-15	16.51	5-Jan-15	07.08	Over Voltage	
400KV	Karad - Kolhapur - II	4-Jan-15	19.55	5-Jan-15	10.11	Over Voltage	
400KV	Karad - Lonikand	4-Jan-15	22.29	5-Jan-15	08.09	Over Voltage	
400KV	Deepnagar-Tapitanda	4-Jan-15	22.13	5-Jan-15	06.28	Over Voltage	
400KV	Padgha - Nagothane - I	4-Jan-15	23.31	5-Jan-15	08.41	Over Voltage	
400KV	Karad-Jaigad I	5-Jan-15	16.33	6-Jan-15	08.30	Over Voltage.	
400KV	Bhusawal- Aurangabad	5-Jan-15	16.44	6-Jan-15	06.24	Over Voltage.	
400KV	Bableshtar-Tapitanda I	5-Jan-15	17.06	10-Jan-15	10.17	Over Voltage.	
400KV	Kolhapur-Mapusa-I	5-Jan-15	16.30	6-Jan-15	08.24	Over Voltage.	
400KV	Dhule-Sar'Sarovar - I	5-Jan-15	17.53	6-Jan-15	08.16	Over Voltage.	
400KV	Kolhapur-Solapur(PGCIL)-I	5-Jan-15	10.35	5-Jan-15	22.48	PGCIL Outage.	
400KV	Chandrapur-Bhadravti - I	5-Jan-15	10.03	5-Jan-15	18.36	PGCIL Outage.	
400KV	Main Bus-II @ Kolhapur	5-Jan-15	12.15	7-Jan-15	20.39	P.M.Work.	
400KV	Deepnagar-Tapitanda	5-Jan-15	22.36	6-Jan-15	05.57	Over Voltage.	
400KV	Lonikand- Koyna Stage IV	5-Jan-15	23.39	6-Jan-15	07.00	Over Voltage.	
400KV	Kalwa - Padgha - I	6-Jan-15	10.45	6-Jan-15	14.58	A/R Out to Carry out Online PID Testing.	
400KV	400/220KV,315MVA ICT-III @KARAD	6-Jan-15	15.15	6-Jan-15	22.02	Replacement of Damaged Jumps.	
400KV	Karad - Kolhapur - II	6-Jan-15	16.53	7-Jan-15	07.08	Over Voltage.	
400KV	Karad-Jaigad I	6-Jan-15	16.36	7-Jan-15	07.46	Over Voltage.	
400KV	Bhusawal- Aurangabad	6-Jan-15	17.56	8-Jan-15	07.31	Over Voltage.	
400KV	Kolhapur - Mapusa - II	6-Jan-15	17.17	7-Jan-15	08.38	Over Voltage.	
400KV	Dhule-Sar'Sarovar - II	6-Jan-15	19.39	7-Jan-15	10.52	Over Voltage.	
400KV	Lonikand- Koyna Stage IV	6-Jan-15	21.33	7-Jan-15	06.29	Over Voltage.	
400KV	400/220 KV 105 MVA Spare ICT @ Akola.	6-Jan-15	09.50		Continued.	Oil Filtration of Main Tank & OLTC Due to Rise in Water Content.	
400KV	Chandrapur-Bhadravati II	6-Jan-15	10.33	6-Jan-15	21.24	Tan Delta Testing & Isolator Alignment Work.	
400KV	Karad-Jaigad I	7-Jan-15	17.05	8-Jan-15	08.45	Over Voltage.	
400KV	Karad - Kolhapur - II	7-Jan-15	21.14	8-Jan-15	08.42	Over Voltage.	
400KV	Kolhapur-Solapur(PGCIL)-I	7-Jan-15	15.51	7-Jan-15	21.09	Line Crossing.	
400KV	Kolhapur-Solapur (PG) II	7-Jan-15	15.54	7-Jan-15	21.12	Line Crossing.	
400KV	Kolhapur - Mapusa - I	7-Jan-15	17.53	8-Jan-15	08.35	Over Voltage.	
400KV	Dhule-Sar'Sarovar - I	7-Jan-15	17.21	8-Jan-15	09.36	Over Voltage.	
400KV	125 MVAR 400KV Bus Reactor at Warora	7-Jan-15	12.21	7-Jan-15	17.48	Attending oil leakage.	
400KV	Padghe-BBLSR-I	7-Jan-15	23.48	8-Jan-15	01.20	Dist.Prot.	
400KV	Padgha - Babaleshtar - II	7-Jan-15	23.48	8-Jan-15	00.53	DT Received at Padgha end.	
400KV	Lonikand- Koyna Stage IV	7-Jan-15	21.22	8-Jan-15	07.40	Over Voltage.	
400KV	400/220 KV,500MVA ICT - III at Parly	8-Jan-15	09.05	8-Jan-15	22.40	Testing work	
400KV	400/220 KV 315 MVA ICT - III @ Lonikand.	8-Jan-15	09.16	8-Jan-15	18.29	R.m.work	
400KV	Karad - Kolhapur - I	8-Jan-15	16.06	9-Jan-15	07.17	over voltage	
400KV	Karad-Jaigad I	8-Jan-15	16.39	9-Jan-15	07.24	over voltage	
400KV	Bhusawal- Aurangabad	8-Jan-15	17.11	9-Jan-15	07.12	over voltage	
400KV	Lonikand-Stage4	8-Jan-15	21.11	9-Jan-15	06.44	over voltage	
400KV	Kolhapur - Mapusa - I	8-Jan-15	08.43	8-Jan-15	18.28	over voltage	
400KV	Dhule-Sar'Sarovar - II	8-Jan-15	20.01	9-Jan-15	08.50	over voltage	
400KV	400/220KV,315 MVA ICT-I at New Koyna.	9-Jan-15	09.32	9-Jan-15	19.05	maintance work	
400KV	400/220kv 315 mva ict-1 @Giravali	9-Jan-15	09.36	9-Jan-15	21.12	Replacement work	
400KV	400/220KV 315 MVA ICT-I @ Padgha	9-Jan-15	10.27	9-Jan-15	19.11	Replacement work	
400KV	Deepnagar-Tapitanda	9-Jan-15	10.20	9-Jan-15	18.18	hot spot	
400KV	Karad-Kolhapur-II	9-Jan-15	04.01	9-Jan-15	07.24	over voltage	
400KV	Kolhapur-Mapusa-II	9-Jan-15	16.37	10-Jan-15	07.28	over voltage	
400KV	Dhule-Sar'Sarovar - I	9-Jan-15	17.37	10-Jan-15	05.53	over voltage	
400KV	Karad - Solapur (PGCIL)	9-Jan-15	17.47	10-Jan-15	10.22	distance protection	
400KV	Karad-Kolhapur-II	9-Jan-15	16.28	10-Jan-15	08.50	over voltage	
400KV	Karad-Jaigad II	9-Jan-15	16.38	10-Jan-15	08.53	over voltage	
400KV	Bhusawal- Aurangabad	9-Jan-15	17.09	11-Jan-15	07.35	over voltage	
400KV	Lonikand- Koyna Stage IV	9-Jan-15	20.39	10-Jan-15	06.32	over voltage	
400KV	400/132KV,315 MVA ICT-I at Khadka	10-Jan-15	09.17	10-Jan-15	13.54	CT Oil Leakage	
400KV	400/220 KV 315 MVA ICT - II @ Parli	10-Jan-15	09.26	10-Jan-15	19.53	Diagonstic testing of ICT	
400KV	400/220 KV 315 MVA ICT- I @ Dhule	10-Jan-15	09.31	10-Jan-15	15.25	R.M.Work	
400KV	Lonikand - Jejuri	10-Jan-15	10.22	10-Jan-15	14.14	Maint.woprk(Taken on TBC)	
400KV	Kolhapur - Mapusa - I	10-Jan-15	16.29	11-Jan-15	07.30	Over Voltage	
400KV	Dhule-Sar'Sarovar - II	10-Jan-15	16.30	11-Jan-15	07.27	Over Voltage	
400KV	Bableshtar-Tapitanda II	10-Jan-15	10.20	11-Jan-15	08.14	Hot Spot (RFC 17.50Hrs)	
400KV	Karad - Kolhapur - I	10-Jan-15	16.24	11-Jan-15	08.43	Over Voltage	
400KV	Karad-Jaigad I	10-Jan-15	16.38	11-Jan-15	08.47	Over Voltage	
400KV	Lonikand- Koyna Stage IV	10-Jan-15	20.36	11-Jan-15	07.18	Over Voltage	
400KV	Karad - Lonikand	10-Jan-15	22.01	11-Jan-15	07.46	Over Voltage	
400KV	Kolhapur-Solapur (PG) II	10-Jan-15	23.06	11-Jan-15	07.03	Over Voltage	
400KV	Karad-Kolhapur-II	11-Jan-15	02.58	11-Jan-15	09.25	Over Voltage	

400KV	Karad - Kolhapur - II	11-Jan-15	16.04		Continued.	Over Voltage
400KV	Karad-Jaigad I	11-Jan-15	16.06		Continued.	Over Voltage
400KV	Bhusawal- Aurangabad	11-Jan-15	16.03		Continued.	Over Voltage
400KV	Lonikand- Koyna Stage IV	11-Jan-15	17.08		Continued.	Over Voltage
400KV	Karad - Lonikand	11-Jan-15	22.01		Continued.	Over Voltage
400KV	Kolhapur-Mapusa-II	11-Jan-15	16.09		Continued.	Over Voltage
400KV	Dhule-Sar'Sarovar - I	11-Jan-15	17.15	12-Jan-15	06.16	Over Voltage
400KV	Kolhapur-Solapur(PGCIL)-I	11-Jan-15	21.11		Continued.	Over Voltage
400KV	Bblswr - Padgha - II	11-Jan-15	15.02	11-Jan-15	17.48	Distance protection
400KV	Bableshtar-Tapitanda II	11-Jan-15	16.44		Continued.	Over Voltage
400KV	Deepnagar-Tapitanda	11-Jan-15	22.04		Continued.	Over Voltage
220KV	Main Bus Section- I @ Pedambe	5-Jan-15	06.40	5-Jan-15	17.20	P.M.Work.
220KV	Pedambe - Mahad	5-Jan-15	06.15	5-Jan-15	17.35	Bus Section-I Outage.
220KV	Pedambe - Pophali	5-Jan-15	06.20	6-Jan-15	19.00	Bus Section-I Outage.
220KV	Pedambe-Newkoyna	5-Jan-15	06.25	5-Jan-15	18.40	Bus Section-I Outage.
220KV	Pawas-Kharepatan	5-Jan-15	09.00	5-Jan-15	17.40	Insulator Cleaning.
220KV	220/110 KV 100 MVA T/F - II @ @ Wathar	5-Jan-15	09.35	5-Jan-15	12.10	Q.M.Work.
220KV	220/33 KV 50 MVA T/F-II @ Kharghar	5-Jan-15	10.15	5-Jan-15	17.45	CRM & Testing.
220KV	Wadkhel - IPCL	5-Jan-15	13.22	5-Jan-15	14.40	Insulator Replacement Work.
220KV	Hingoli-Pusad	5-Jan-15	09.29	5-Jan-15	11.48	CRM & Timing of CB.
220KV	220/132 KV 100 MVA ICT - I @ Amalner	5-Jan-15	11.35	5-Jan-15	15.40	Measurment of Tan Delta of CT.
220KV	220/132KV 200MVA ICT-I at Chikhali	5-Jan-15	11.05	5-Jan-15	17.40	Measurment of Tan Delta of HV & LV Side.
220KV	Karad-Kadegaon	6-Jan-15	09.02	6-Jan-15	19.35	Earthwire Stringing.
220KV	Pawas-Kharepatan	6-Jan-15	09.06	6-Jan-15	17.34	Insulator Cleaning.
220KV	220/100 KV 200 MVA ICT - IV @ Apta	6-Jan-15	09.09	6-Jan-15	16.36	C B Overhauling.
220KV	220/132KV 150 MVA ICT II @ Nasik	6-Jan-15	09.34	6-Jan-15	16.41	C B Overhauling & Bay Maintenance.
220KV	Bale - Tuljapur	6-Jan-15	09.50	6-Jan-15	14.02	Q.M.Work.
220KV	Pophali - KDPH	6-Jan-15	11.20	7-Jan-15	17.50	Relay Retrofitting Work.
220KV	220/132 KV 100 MVA ICT - I @ Satara	6-Jan-15	10.00	6-Jan-15	17.45	Q.M.Work,Tandelta & CRM,Relay Testing Works.
220KV	Bus coupler @ Uran	6-Jan-15	14.30	6-Jan-15	19.30	C T Leakage.
220KV	220/100 KV,100 MVA ICT-I @ Tambati	6-Jan-15	11.27	6-Jan-15	17.37	Tan Delta Testing.
220KV	Boiser PGCIL-Boiser II	6-Jan-15	15.37	6-Jan-15	15.48	Tripped From PGCIL End.
220KV	Karad - Sadawaghapur - II	6-Jan-15	15.09	6-Jan-15	22.10	Due to Karad ICT-III Outage.
220KV	220 KV TBC @ Aurangabad	6-Jan-15	12.34	6-Jan-15	16.24	Diagnostic Testing of CT.
220KV	Beed-Patoda II	6-Jan-15	10.36	6-Jan-15	13.29	Replacement of Heavily Flashed Suspension Insulator String.
220KV	Pusad - Ghatodi	6-Jan-15	10.07	6-Jan-15	13.12	Attending Hot Spot on R Ph Wave Trap.
220KV	Mumewadi - Halkarni	7-Jan-15	10.05	7-Jan-15	16.36	Annual relay testing and maint.work.
220KV	Nivali-Pawas	7-Jan-15	09.27	7-Jan-15	17.30	Insulator cleaning.
220KV	Lamboti-Bale-I	7-Jan-15	10.22	7-Jan-15	15.22	Damaged conductor repair and MISCL work.
220KV	Lamboti-Bale-II	7-Jan-15	10.22	7-Jan-15	15.24	Damaged conductor repair and MISCL work.
220KV	Nasik-Navsari-I	7-Jan-15	10.06	7-Jan-15	18.08	Insulator washing at Navsari end.
220KV	TBC @ 400 KV Parli-II	7-Jan-15	15.48		Continued.	Shifting of CR Panel from 220KV Girawali C/R to 400KV C/R.
220KV	220/132 KV,200 MVA ICT-II At Chalisgaon	7-Jan-15	17.48	7-Jan-15	21.08	For tan delta,SFRA,attending oil leakage.
220KV	Pusad - Ghatodi	7-Jan-15	08.41	7-Jan-15	10.21	Dist.prot.
220KV	Theur - Jejuri	8-Jan-15	09.00	8-Jan-15	14.00	maintance work
220KV	220/132KV200MVA ICT IV @Phursungi	8-Jan-15	08.04	8-Jan-15	18.00	Tan delta annul testing
220KV	Mumewadi-Hamidwada	8-Jan-15	10.08	8-Jan-15	15.54	Annual Relay Testing work
220KV	Nivali-Pawas	8-Jan-15	10.06	8-Jan-15	17.58	insulator cleaning
220KV	Padghe - Jindal	8-Jan-15	10.19	9-Jan-15	21.15	overhauling work
220KV	Uran - Apta (HOC)	8-Jan-15	10.57	8-Jan-15	20.05	hot spot
220KV	Pedambe-Mahad	8-Jan-15	13.47	8-Jan-15	16.00	distance protection
220KV	Miraj - Tilwani	8-Jan-15	16.19	8-Jan-15	16.32	distance protection
220KV	Nasik-Navsari-I	8-Jan-15	09.11	8-Jan-15	17.54	distnace protection
220KV	Uran-Kharghar-I	9-Jan-15	10.12	9-Jan-15	18.43	hot spot
220KV	Padgha-Jambhul-I	9-Jan-15	10.02	9-Jan-15	15.56	R.M.WORK
220KV	Mudsingi-Karad II	9-Jan-15	09.23	9-Jan-15	18.46	Replacement work
220KV	Padgha - Nalasopara	9-Jan-15	13.00		Continued.	shift load of nalasopara on boiser pg
220KV	Vasai-Boiser(PG)	9-Jan-15	12.56		Continued.	hot spot
220KV	220/132KV, 200MVA ICT-1@Boiser	9-Jan-15	08.15	10-Jan-15	00.26	maintance work
220KV	Padgha-Vasai	9-Jan-15	13.12		Continued.	maintance work
220KV	Chalisgaon - Malegaon	9-Jan-15	17.05	9-Jan-15	19.36	Relay testing & bay maintance work
220KV	Kalwa - Bapgaon	9-Jan-15	12.05	9-Jan-15	18.32	maintance work
220KV	Bus Section @ Sonkar	9-Jan-15	07.20	9-Jan-15	07.40	distance protection
220KV	Sonkhar-Trombay	9-Jan-15	07.20	9-Jan-15	07.50	distance protection
220KV	Nasik-Navsari-I	9-Jan-15	10.04	9-Jan-15	17.54	outage at Navsari end
220KV	Apta-Uran-II	10-Jan-15	10.13	10-Jan-15	15.05	Maint.work
220KV	Nasik-Navsari-I	10-Jan-15	09.00	10-Jan-15	18.00	Outage at Navsari end
220KV	Kalwa-Mulund-I	11-Jan-15	06.29	11-Jan-15	12.30	Jumper replacement
220KV	Trombay-Mulund	11-Jan-15	12.37	11-Jan-15	18.48	Insulator replacement work
132KV	Paras-Patur	5-Jan-15	01.50	5-Jan-15	22.14	CC Burst at Paras
132KV	Malegaon-Patur	5-Jan-15	01.50	5-Jan-15	02.40	CC Burst at Paras
132KV	Girwali-Renapur -Ahemadpur	5-Jan-15	05.01	5-Jan-15	11.03	Distance Protection Operated Z-I R Ph.
132KV	Pusad - Umarkhed	6-Jan-15	12.53	6-Jan-15	13.04	Distance Protection Operated Z-II B Ph. to Earth.
132KV	Paras-Patur	6-Jan-15	12.28	6-Jan-15	12.40	Distance Protection Operated Z-I Y Ph. to Earth.
132KV	Parbhani-Pathari	10-Jan-15	18.19	10-Jan-15	18.30	Distance Protection
132KV	Himayatnagar-Kinwat	11-Jan-15	07.52	11-Jan-15	08.15	Distance Protection