



Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
BSR	63MVAR, BUS REACTOR-1 AT PARLI	OSPT	30/09/22	08:22:00	30/09/22	20:19:00	0.50	11.95	0.00	0.00	0.00	98.34	* AMP <(>&<)> Relay testing works
							0.50	11.95	0.00	0.00	0.00		
BSR	125MVAR, BUS REACTOR-2 AT PARLI	OSPT	26/09/22	08:23:00	27/09/22	01:32:00	0.72	17.15	0.00	0.00	0.00	97.62	* For AMP <(>&<)> Relay testing works
							0.72	17.15	0.00	0.00	0.00		
BSR	50MVAR, BUS REACTOR-1 AT PUNE	SVRD	03/09/22	11:06:00	11/09/22	22:50:00	8.49	0.00	0.00	0.00	203.73		* To Hand Trip Bus reactor for Voltage reg as per WRLDC code
BSR	50MVAR, BUS REACTOR-1 AT PUNE	SVRD	12/09/22	07:36:00	16/09/22	03:10:00	3.82	0.00	0.00	0.00	91.57		* BR H/T as per WRLDC instructions for Voltage Regulation Enter text here...
							12.31	0.00	0.00	0.00	295.30	100.00	
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	21/09/22	07:25:00	21/09/22	20:54:00	0.56	0.00	0.00	0.00	13.48		* B/R H/T as per WRLDC instructions for Voltage Regulations.Enter text here...
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	28/09/22	06:47:00	28/09/22	22:25:00	0.65	0.00	0.00	0.00	15.63		* BR H/T as per WRLDC instructions for voltage Regulation
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	29/09/22	06:25:00	29/09/22	22:20:00	0.66	0.00	0.00	0.00	15.92		* BR H/T as per WRLDC instructions for voltage Regulation
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	26/09/22	09:10:00	26/09/22	18:51:00	0.40	0.00	0.00	0.00	9.68		* Bus reactor H/T for Vol Reg as per WRLDC code
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	27/09/22	09:12:00	27/09/22	14:04:00	0.20	0.00	0.00	0.00	4.87		* BR H/T for Voltage Regulation as per WRLDC Instruction
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	06/09/22	08:57:00	06/09/22	22:25:00	0.56	0.00	0.00	0.00	13.47		* B/R H/T as per WRLDC instructions for Voltage Regulation
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	05/09/22	08:41:00	05/09/22	22:22:00	0.57	0.00	0.00	0.00	13.68		* BR H/T as per WRLDC instructions for Voltage Regulation Enter text here...
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	20/09/22	07:04:00	20/09/22	21:56:00	0.62	0.00	0.00	0.00	14.87		* BR H/T for V.R.
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	19/09/22	09:00:00	20/09/22	02:25:00	0.73	0.00	0.00	0.00	17.42		* H/T as per WRLDC instructions for Voltage Regulations.
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	02/09/22	10:17:00	03/09/22	22:53:00	1.53	0.00	0.00	0.00	36.60		* BR H/T as per WRLDC instructions for Voltage Regulation
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	07/09/22	08:46:00	08/09/22	03:28:00	0.78	0.00	0.00	0.00	18.70		* B/R H/T as per WRLDC instructions for Voltage Regulation
BSR	240MVAR, BUS REACTOR-1 AT PUNE GIS	SVRD	10/09/22	10:27:00	10/09/22	22:13:00	0.49	0.00	0.00	0.00	11.77		* B/R H/T as per WRLDC instructions for VR
							7.75	0.00	0.00	0.00	186.09	100.00	
BSR	63MVAR, BUS REACTOR-1 AT RAIGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00		
BSR	125MVAR, BUS REACTOR-2 AT RAIGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00		
BSR	240MVAR, BUS REACTOR-1 AT RAIPUR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00		
BSR	80MVAR, BUS REACTOR-1 AT RAIPUR	OSPT	05/09/22	11:43:00	05/09/22	20:30:00	0.37	8.78	0.00	0.00	0.00	98.78	* For AMP <(>&<)> Relay testing works
							0.37	8.78	0.00	0.00	0.00		
BSR	125MVAR, BUS REACTOR-2 AT RAIPUR	OSPT	30/09/22	08:35:00	30/09/22	23:59:59	0.64	15.42	0.00	0.00	0.00	97.86	* AMP <(>&<)> Relay testing works
							0.64	15.42	0.00	0.00	0.00		
BSR	125MVAR, BUS REACTOR-1 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00		
BSR	240MVAR, BUS REACTOR-1 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00		
BSR	50MVAR, BUS REACTOR-2 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00		
BSR	240MVAR, BUS REACTOR-1 AT SOLAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00		
BSR	63MVAR, BUS REACTOR-1 AT SOLAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00		
BSR	240MVAR, BUS REACTOR-2 AT SOLAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00		
BSR	240MVAR, BUS REACTOR-1 AT TAMNAR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00		
BSR	50MVAR, BUS REACTOR-1 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00		
BSR	240MVAR, BUS REACTOR-1 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00		
BSR	330MVAR, BUS REACTOR-2 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00		
CKT	220kV KORBA(CSEB)-BUDDHIPADAR(OPTCL)-3	SBBU	27/09/22	13:50:00	27/09/22	17:34:00	0.16	0.00	3.73	0.00	0.00		* Line tripped at Budipadhar end only, due to 220kV Bus-Bar-1 protection operation at Bhdipadhar end.
							0.16	0.00	3.73	0.00	0.00	100.00	
CKT	400kV AKOLA(MSETCL)-AURANGABAD-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00		
CKT	400kV AKOLA(MSETCL)-AURANGABAD-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00		
CKT	400kV AURANGABAD-AURANGABAD(MSETCL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00		
CKT	400kV AURANGABAD-AURANGABAD(MSETCL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00		
CKT	400kV BHADRAWATI-CHANDRAPUR(MSEB)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00		
CKT	400kV BHADRAWATI-CHANDRAPUR(MSEB)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00		
CKT	400kV BHADRAWATI-CHANDRAPUR(MSEB)-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

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							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHADRAWATI-CHANDRAPUR(MSEB)-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHADRAWATI-DHARIWAL(CESC)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHADRAWATI-PARLI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHATAPARA-BHILAI(CSEB)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHILAI(CSEB)-BHADRAWATI-2	OSFT	16/09/22	13:44:00	16/09/22	22:30:00	0.37	8.77	0.00	0.00	0.00	100.00	* Emergency outage availed for replacement of R-phase CVT(Secondary voltage drift) at Bhilai end.
							0.37	8.77	0.00	0.00	0.00	98.78	
CKT	400kV BHILAI(CSEB)-KORADI(MSEB)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV DHARIWAL(CESC)-PARLI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV JHARSUGUDA-RAIGARH-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV JHARSUGUDA-RAIGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV JHARSUGUDA-RAIGARH-3	LART	03/09/22	11:08:00	03/09/22	11:08:00	0.00	0.00	0.00	0.00	0.00	100.00	* 400kV Jharsuguda - Raigarh#3 Line Autoreclose Successful on 03.09.2022 at 11:08:45 hrs* Details are as follows at Jharsuguda end:* M1* Z1-RN* F. Amp-5.759 kA* F.L- 54.70 Km** M2* Z1-RN* F. Amp-6.77 kA* F.L- 56.1 Km* 06.10.2022 12:56:56 INDIA Nakka Nataraj (60031136)*** Mail from RTAMC Odisha* During Post fault patrolling fault found at Loc No.35(DC+0), Where flashover mark found between jumper conductor to tower side insulator cap. Distance from Sundargarh end is-11.8KM.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV JHARSUGUDA-RAIGARH-4	LART	28/09/22	18:38:00	28/09/22	18:38:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R successfully operated on Y-E fault. AFAS details at Raigarh end :- FC-3.531KA,FD-103.092km and fault details at Jharsuguda end :- FC-9.9KA,FD-26.23km. Fault is in Odisha jurisdiction.* 29.09.2022 02:39:15 INDIA Ajay M Daultani (60020904)* Line A/R successfully operated on B-E fault. AFAS details at Raigarh end :- FC-3.531KA,FD-103.092km and fault details at Jharsuguda end :- FC-9.9KA,FD-26.23km. Fault is in Odisha jurisdiction.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KOLHAPUR GIS-MAPUSA-1	LART	30/09/22	15:35:00	30/09/22	15:35:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line Auto Reclosed successfully on Y-phase to Ground fault. Fault distance is 59Kms from Kolhapur. Suspected fault tower location is 164. suspected fault tower section 159-169. Patrolling may be done from 164-174. Fault is in Mapusa TLM jurisdiction.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KOLHAPUR GIS-MAPUSA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KOLHAPUR(MSETCL)-KOLHAPUR GIS-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KOLHAPUR(MSETCL)-KOLHAPUR GIS-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORBA(NTPC)-BHATAPARA	OSPD	08/09/22	09:30:00	08/09/22	19:01:00	0.40	0.00	0.00	0.00	9.52	100.00	* Outage availed by NTPC Korba for equipment testing works at Korba end.
							0.40	0.00	0.00	0.00	9.52	100.00	
CKT	400kV KORBA(NTPC)-BHILAI(CSEB)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORBA(NTPC)-BHILAI(CSEB)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORBA(NTPC)-BIRSINGHPUR(MPGENCO)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORBA(NTPC)-BIRSINGHPUR(MPGENCO)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORBA(NTPC)-KORBA(CSEB)-1	LPRD	01/09/22	00:00:01	30/09/22	23:59:59	30.00	0.00	0.00	0.00	720.00	100.00	* Opened to control fault level at NTPC Korba
							30.00	0.00	0.00	0.00	720.00	100.00	
CKT	400kV KORBA(NTPC)-MAHAN(ESSAR)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORBA(NTPC)-RAIPUR-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	

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CKT	400kV KORBA(NTPC)-RAIPUR-4	LART	04/09/22	12:53:00	04/09/22	12:53:00	0.00	0.00	0.00	0.00	0.00		* Line AR successfully operated on R-E fault. Fault distance is 200.KM, Fault Current is 2.25kA from Raipur <-&-> Fault distance is 17.5KM from Korba.* 04.10.2022 12:02:53 INDIA Nakka Nataraj (60031136)*** Lightning Flashover marks found on CC Ring and Arching horn at Loc no. 61 (DD+9)
CKT	400kV KORBA(NTPC)-RAIPUR-4	LART	28/09/22	22:56:00	28/09/22	22:56:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successfully operated on R-E fault. Fault distance is 50 KM from Korba. Suspected fault tower location is 147. Suspected fault tower section is 142-152. Patrolling may be done from 137-157.
CKT	400kV KORBA(NTPC)-SIPAT(NTPC)	OSPD	06/09/22	10:57:00	07/09/22	17:58:00	1.29	0.00	0.00	0.00	31.02	100.00	* Outage availed by Korba (NTPC) for Annual Bay PM works
CKT	400kV KORADI(MSEB)-SATPURA(MPPTCL)	SBBU	14/09/22	16:37:00	14/09/22	19:09:00	0.11	0.00	2.53	0.00	0.00		* Line tripped on Bus Bar protection operation at Satpura(MPPTCL) end.
CKT	400kV KORADI(MSEB)-SATPURA(MPPTCL)	OSPT	26/09/22	08:53:00	26/09/22	18:35:00	0.40	9.70	0.00	0.00	0.00		* Line Out for AMP Works as per WRLDC code.
CKT	400kV LARA(NTPC)-CHAMPA-1	LART	20/09/22	13:16:00	20/09/22	13:16:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successful on Y-G fault. Fault distance is 40.1km, FC-7.8kA from Champa end.* 04.10.2022 12:58:12 INDIA Nakka Nataraj (60031136)*** Flashover marks observed on Arching horn and CC Ring at Loc. 176
CKT	400kV LARA(NTPC)-CHAMPA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV LARA(NTPC)-KOTRA PS-1	LART	18/09/22	20:17:00	18/09/22	20:17:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successful on R-G fault. Fault details at Kotra PS: R-G, 15.228KA, 18.002km. At Lara(NTPC):Enter text here...
CKT	400kV LARA(NTPC)-KOTRA PS-2	OSPD	02/09/22	09:18:00	02/09/22	21:29:00	0.51	0.00	0.00	0.00	12.18	100.00	* Line outage availed by M/s NTPC for For periodical maintenance <-&-> testing.
CKT	400kV MAHAN(ESSAR)-VINDHYACHAL(NTPC)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV MAUDA(NTPC)-WARDHA-1	LART	28/09/22	14:14:00	28/09/22	14:14:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successfully operated on Y-E fault. Fault distance is 65KM from Wardha. Suspected fault tower location is 166. Suspected fault tower section is 161-171. Patrolling may be done from 156-176. Fault is in Nagpur-TLM jurisdiction.
CKT	400kV MAUDA(NTPC)-WARDHA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV PADGHE GIS-KUDUS(MSETCL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV PADGHE GIS-KUDUS(MSETCL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV PARLI-PARLI(MSETCL)-1	OSPT	28/09/22	11:33:00	29/09/22	01:11:00	0.57	13.63	0.00	0.00	0.00		* AMP of line terminal equipment at Parli SS.
CKT	400kV PARLI-PARLI(MSETCL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	98.11	
CKT	400kV PARLI-PUNE GIS-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV PARLI-PUNE GIS-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV PUNE-PUNE GIS-1	OSFT	14/09/22	11:52:00	14/09/22	17:32:00	0.24	5.67	0.00	0.00	0.00		* Emergency outage availed to attend Snapping dropper Conductor of Rph Wave Trap at Pune (Talegaon) SS.
CKT	400kV PUNE-PUNE GIS-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	99.21	
CKT	400kV PUNE GIS-AURANGABAD(MSETCL)-1	OMSU	04/09/22	18:38:00	06/09/22	00:01:00	1.22	0.00	29.38	0.00	0.00		* Line tripped on Y-E fault. FD-176Km,FC-2.78KA from Pune-GIS and FD-8.21Km, FC-15.5KA from Aurangabad (Waluj) end. Fault is in Adani jurisdiction.
CKT	400kV PUNE GIS-AURANGABAD(MSETCL)-1	LVRD	06/09/22	00:01:00	22/09/22	10:10:00	16.42	0.00	0.00	0.00	394.15		* Line kept out as per WRLDC instructions for Voltage Regulations.
CKT	400kV PUNE GIS-AURANGABAD(MSETCL)-1	LPRD	01/09/22	12:42:00	02/09/22	14:47:00	1.09	0.00	0.00	0.00	26.08		* Line H/T as per WRLDC instructions for Power Regulation
CKT	400kV PUNE GIS-AURANGABAD(MSETCL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV PUNE GIS-PUNE-3	LEFT	06/09/22	22:54:00	07/09/22	10:11:00	0.47	11.28	0.00	0.00	0.00		* Line tripped on R-G fault, FD-29.48km, FC-9.029kA from Pune-GIS. FD-35.5km, FC-9.12kA from Pune(T) end.* 07.09.2022 12:32:19 INDIA Manoj N Moudekar (60020591)* Line tripped on R-G fault, FD-29.48km, FC-9.029kA from Pune-GIS. FD-35.5km, FC-9.12kA from Pune(T) end.Fault is in M/s Adani Portion
							0.47	11.28	0.00	0.00	0.00	98.43	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV PUNE GIS-PUNE-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIGARH-KOTRA PS-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIGARH-KOTRA PS-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-BHADRAWATI-1	OSFT	03/09/22	11:42:00	03/09/22	18:07:00	0.27	6.42	0.00	0.00	0.00	100.00	* To replace Insulator string at R (Top) Phase as well as 03 No insulator found broken at 1 String (V String) ( 90 KN BHEL Make) at Loc No 31* 03.09.2022 21:17:01 INDIA Pulusam Venkataiah (60002693) Phone 9673911442* Line Emergency outage availed for replacement of Decapped poilet insulator string at LOC 3/3.
CKT	400kV RAIPUR-BHADRAWATI-1	LEFT	02/09/22	13:10:00	02/09/22	20:05:00	0.29	6.92	0.00	0.00	0.00	98.15	* Line tripped on R-E fault,* 02.09.2022 21:47:44 INDIA B Umasankara Rao (60031131) Phone 9951272710* Line tripped on persisting R-E fault due to failure of Pilot insulator string at Loc No. 3/3. Fault is in Raipur TLM Jurisdiction.
CKT	400kV RAIPUR-BHADRAWATI-2	GOVC	11/09/22	13:24:00	30/09/22	23:59:59	19.44	0.00	0.00	466.60	0.00	100.00	* Line tripped due to Y phase O/V stage I operated alarm at Raipur end.
CKT	400kV RAIPUR-BHADRAWATI-2	LVRD	01/09/22	00:00:01	07/09/22	10:24:00	6.43	0.00	0.00	0.00	154.40	100.00	* Line kept open due to high voltage as per WRLDC instructions. Charging code 08/3066 was issued on 30.08.2022 and charging attempted at 16:04 Hrs from Bhadrawati end but line tripped on over voltage. Line kept open due to system constraints as per code 08/3080.
CKT	400kV RAIPUR-BHADRAWATI-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-BHILAI(CSEB)-1	OSPT	28/09/22	10:45:00	28/09/22	21:04:00	0.43	10.32	0.00	0.00	0.00	98.57	* AMP at Raipur SS. AR to be kept in non auto mode for 400kV Raipur Bhadrawati-I
CKT	400kV RAIPUR-RAIGARH-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-RAIGARH-2	LART	19/09/22	13:56:00	19/09/22	13:56:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R successful on Y-G fault. Fault distance is 68 KM from Raigarh. Suspected fault tower location is 408. Suspected fault tower section is 403-413. Patrolling may be done from 398-418. Fault is in Raigarh-TLM jurisdiction.* 04.10.2022 12:54:35 INDIA Nakka Nataraj (60031136)** Flashover Marks found on Jumper and yoke plate at Loc. 411
CKT	400kV RAIPUR-RAIGARH-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-RAIGARH-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-RAIPUR PS(DURG)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-RAIPUR PS(DURG)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-WARDHA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-WARDHA-2	LART	03/09/22	19:59:00	03/09/22	19:59:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line AR successfully operated on Rph-E fault. Fault distance is 100KM from Raipur. Suspected fault tower location is 264. Suspected fault tower section is 259-269. Patrolling may be done from 254-274. fault is in Durg-TLM jurisdiction.
CKT	400kV RAIPUR-WARDHA-2	LART	03/09/22	19:34:00	03/09/22	19:34:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line AR successfully operated on Yph-E fault. Fault distance is 134KM from Raipur. Suspected fault tower location is 358. Suspected fault tower section is 353-363. Patrolling may be done from 348-368. fault is in Durg-TLM jurisdiction.
CKT	400kV RAIPUR-WARDHA-2	LART	04/09/22	07:17:00	04/09/22	07:17:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line AR successfully operated on TYh-E fault. Fault distance is 187KM from Raipur. Suspected fault tower location is 497. Suspected fault tower section is 492-502. Patrolling may be done from 487-507. fault is in Durg-TLM jurisdiction.
CKT	400kV RANCHI-SIPAT(NTPC)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RANCHI-SIPAT(NTPC)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ROURKELA-JHARSUGUDA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ROURKELA-JHARSUGUDA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV ROURKELA-JHARSUGUDA-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ROURKELA-JHARSUGUDA-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SEONI-KIRNAPUR(MPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SEONI-SATPURA(MPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SOLAPUR(NTPC)-SOLAPUR-1	OMSU	29/09/22	17:08:00	29/09/22	18:03:00	0.04	0.00	0.92	0.00	0.00	100.00	* Line tripped during testing of 400kV Solapur (NTPC)-Solapur #4 at Solapur (NTPC) end.
CKT	400kV SOLAPUR(NTPC)-SOLAPUR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SOLAPUR(NTPC)-SOLAPUR-3	OSPD	20/09/22	10:16:00	23/09/22	19:49:00	3.40	0.00	0.00	0.00	81.55	100.00	* Line availed by M/s NTPC for Annual Maintenance, Isolator alignment, electrical testing, DCRM of breakers, CRM of isolators.
CKT	400kV SOLAPUR(NTPC)-SOLAPUR-4	OSPD	27/09/22	08:26:00	30/09/22	23:59:59	3.65	0.00	0.00	0.00	87.57	100.00	* For Line bay AMP works availed by NTPC
CKT	400kV SIPAT(NTPC)-RAIPUR-1	OSPT	24/09/22	09:12:00	24/09/22	21:44:00	0.52	12.53	0.00	0.00	0.00	98.26	* AMP at Raipur SS/Tightening of Jumpers, attending Missing nut bolts of Hardware fittings. Line AMP <-> AR to be kept in non auto mode for 400KV-SIPAT-RAIPUR-2
CKT	400kV SIPAT(NTPC)-RAIPUR-2	OSPT	22/09/22	09:36:00	22/09/22	19:33:00	0.42	9.95	0.00	0.00	0.00	98.62	* for line AMP works. AR to be kept in non Auto mode for 400KV-SIPAT-RAIPUR-1
CKT	400kV SIPAT(NTPC)-RAIPUR-2	LART	29/09/22	13:33:00	29/09/22	13:33:00	0.00	0.00	0.00	0.00	0.00	98.65	* Line A/R successfully operated on B-E fault, FD-10.121 km, FC-17.318kA from Raipur end.* 04.10.2022 13:23:52 INDIA Nakka Nataraj (60031136)*** Flashover Marks found on Arching Horn and CC Ring at Loc. 377.
CKT	400kV SIPAT(NTPC)-RAIPUR-3	OSPT	27/09/22	11:39:00	27/09/22	21:24:00	0.41	9.75	0.00	0.00	0.00	98.65	* For Line bay AMP works at Raipur SS
CKT	400kV SIPAT(NTPC)-RAIPUR-3	OSPD	09/09/22	09:26:00	09/09/22	18:31:00	0.38	0.00	0.00	0.00	9.08	98.65	* Outage availed by NTPC Sipat for Line bay equipment testing works at Sipat end.
CKT	400kV SIPAT(NTPC)-RAIPUR-3	OSPD	08/09/22	09:21:00	08/09/22	19:03:00	0.40	0.00	0.00	0.00	9.70	98.65	* Outage availed by NTPC Sipat for Line bay equipment testing works at Sipat end.
CKT	400kV VINDHYACHAL(NTPC)-KORBA(NTPC)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV WARDHA-AKOLA(MSETCL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV WARDHA-AKOLA(MSETCL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV WARDHA-AURANGABAD-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV WARDHA-AURANGABAD-2	SRET	29/09/22	15:23:00	29/09/22	18:48:00	0.14	3.42	0.00	0.00	0.00	99.52	* Line tripped due to PRV-2 mal-Operation on 80MVAR LR at Aurangabad end.* 29.09.2022 20:40:02 INDIA Krishnanjaneyulu Machha (60001973)* Line tripped due to faulty PRV-2 limit swithch operation on 80MVAR LR at Aurangabad end.*
CKT	400kV WARDHA-AURANGABAD-2	OMSU	23/09/22	09:35:00	23/09/22	19:44:00	0.42	0.00	10.15	0.00	0.00	99.52	* For BHEL Insulator Replacement Work <-> 400KV-WARDHA-AURANGABAD-1 A/R to be kept in Non Auto mode for safety precautions.
CKT	400kV WARDHA-AURANGABAD-2	LART	06/09/22	15:38:00	06/09/22	15:38:00	0.00	0.00	0.00	0.00	0.00	99.52	* Line Auto Reclosed successfully on R-phase-Earth fault. At Aurangabad: FD: 66.0 Kms, FC: 6.1KA; At Wardha, FD: 293.7Kms, FC: 1.698KA.* 04.10.2022 12:25:25 INDIA Nakka Nataraj (60031136)*** Flashovr mark found on inulator at tower no798.
CKT	400kV WARDHA-WARORA-1	LCSD	01/09/22	00:00:01	30/09/22	23:59:59	30.00	0.00	0.00	0.00	720.00	100.00	* POWERGRID Line Diversion/Re-routing works associated with Bus-splitting Scheme
CKT	400kV WARDHA-WARORA-1	LCSD	28/09/22	08:14:00	30/09/22	23:59:59	2.66	0.00	0.00	0.00	63.77	100.00	* POWERGRID Line Diversion/Re-routing works associated with Bus-splitting Scheme
CKT	400kV WARDHA-WARORA-2	LCSD	01/09/22	00:00:01	30/09/22	23:59:59	30.00	0.00	0.00	0.00	720.00	100.00	* POWERGRID Line Diversion/Re-routing works associated with Bus-splitting Scheme
CKT	400kV WARORA-PARLI-1	LART	28/09/22	14:00:00	28/09/22	14:00:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R successfully operated on B-E fault. Fault distance is 93KM from Warora. Suspected fault tower location is 249. Suspected fault tower section is 244-254. Patrolling may be done from 239-259. Fault is in Warora-TLM jurisdiction.
							0.00	0.00	0.00	0.00	0.00	100.00	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV WARORA-PARLI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
CKT	765kV AURANGABAD-PADGHE GIS	OSFT	24/09/22	20:23:00	25/09/22	01:48:00	0.23	5.42	0.00	0.00	0.00	100.00	* Emergency outage availed for attending hot spot in Jumper near B-ph Wavetrap Terminal connector at Padghe end.
CKT	765kV AURANGABAD-PUNE GIS	LPRD	01/09/22	00:00:01	30/09/22	23:59:59	30.00	0.00	0.00	0.00	720.00		* Line H/T as per WRDLC instructions for Power flow Regulation.
CKT	765kV AURANGABAD-PUNE GIS	LVRD	01/09/22	00:00:01	03/09/22	23:37:00	2.98	0.00	0.00	0.00	71.62		* Line H/T as per WRDLC instructions for Voltage Regulation and SLR charged as BR at 00:49 hrs @ Pune-GIS <-> at 00:38hrs @ Aurangabad endEnter text here...
CKT	765kV AURANGABAD-PUNE GIS	LPRD	04/09/22	07:44:00	09/09/22	08:44:00	5.04	0.00	0.00	0.00	121.00		* Line H/T as per WRDLC instructions for Voltage Regulation and SLR charged as BR at 08:13 hrs @Pune-GIS.* 04.09.2022 08:30:05 INDIA Pulusam Venkataiah (60002693) Phone 9673911442* Line H/T as per WRDLC instructions for Power Regulation and SLR charged as BR at 08:13 hrs @Pune-GIS.
CKT	765kV AURANGABAD-PUNE GIS	LVRD	09/09/22	21:44:00	24/09/22	19:41:00	14.92	0.00	0.00	0.00	357.95		* Line H/T as per WRDLC instructions for voltage Regulation and SLR charged as BR at 22:19 hrs @ Pune-GIS.and at 21:56 hrs @ Aurangabad end.
CKT	765kV BILASPUR-DHARAMJAYGARH			00:00:00		00:00:00	52.94	0.00	0.00	0.00	1,270.57	100.00	
CKT	765kV BILASPUR-SEONI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV BILASPUR-SEONI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV CHAMPA-KOTRA PS-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV CHAMPA-RAIPUR PS(DURG)-1	LVRD	04/09/22	16:54:00	29/09/22	09:30:00	24.69	0.00	0.00	0.00	592.60		* Line H/T as per WRDLC instructions for Voltage Regulations.
CKT	765kV CHAMPA-RAIPUR PS(DURG)-2	SCSD	29/09/22	09:54:00	29/09/22	23:25:00	0.56	0.00	0.00	0.00	13.52		* FOR L/R SPARE PHASE CHANG OVER at DURG END.
CKT	765kV CHAMPA-DHARAMJAYGARH-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV RANCHI-DHARAMJAYGARH-1	OSPT	15/09/22	09:26:00	15/09/22	20:05:00	0.44	10.65	0.00	0.00	0.00		* For Line eq, LR AMP works
CKT	765kV RANCHI-DHARAMJAYGARH-2	OSPT	16/09/22	09:04:00	16/09/22	21:40:00	0.53	12.60	0.00	0.00	0.00		* For Line bay equipments and LR AMP works.
CKT	765kV RANCHI-DHARAMJAYGARH-2	LART	03/09/22	15:19:00	03/09/22	15:19:00	0.00	0.00	0.00	0.00	0.00		* Line AR successfully operated on Rph-E fault. Fault is in ER-1 jurisdiction.* During AR operation Tie bay (729) AR unsuccess at Dharamjaygarh end.
CKT	765kV JHARSUGUDA-DHARAMJAYGARH-1	LART	28/09/22	22:59:00	28/09/22	22:59:00	0.53	12.60	0.00	0.00	0.00	98.25	
CKT	765kV JHARSUGUDA-DHARAMJAYGARH-1	LART	28/09/22	15:36:00	28/09/22	15:36:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successfully operated on B-E fault. Fault distance is 1.8 KM from Korba. Suspected fault tower location is 404. Suspected fault tower section is 399-409. Patrolling may be done from 394-410. Fault is in Korba TLM jurisdiction.
CKT	765kV JHARSUGUDA-DHARAMJAYGARH-1	LVRD	01/09/22	00:00:01	30/09/22	23:59:59	30.00	0.00	0.00	0.00	720.00		* Line H/T as per WRDLC instructions for Voltage Regulation and SLR charged as BR at 17:35 hrs at Dharamjaygarh
CKT	765kV JHARSUGUDA-DHARAMJAYGARH-2	LART	19/09/22	15:26:00	19/09/22	15:26:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successful on Y-G fault. Fault distance is 21.5 KM from Dharamjaygarh. Suspected fault tower location is 351. Suspected fault tower section is 346-356. Patrolling may be done from 341-361. Fault is in Dharamjaygarh-TLM jurisdiction.* 04.10.2022 12:45:17 INDIA Nakka Nataraj (60031136)** Flashover marks found on jumper CC Ring , Grading ring and arcing horn at loc. No. 358.TFR Values at Loc.. 358 Leg A - 5.6 Ohm, Leg B - 7.1 Ohm, Leg C - 9.0 Ohm, Leg D - 6.2 Ohm
CKT	765kV JHARSUGUDA-DHARAMJAYGARH-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV JHARSUGUDA-DHARAMJAYGARH-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV KOTRA PS-RAIPUR PS(DURG)-1	LART	18/09/22	23:22:00	18/09/22	23:22:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successful on R-G fault. Fault details at Durg end: 80.95km and 7.6kA and from Kotra end: 159.04km and 4.49kA.
CKT							0.00	0.00	0.00	0.00	0.00	100.00	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	765kV KOTRA PS-RAIPUR PS(DURG)-2	LPPT	28/09/22	19:03:00	28/09/22	20:51:00	0.08	1.80	0.00	0.00	0.00		* Line tripped on Y-B fault. Fault distance is 102KM from Durg. Suspected fault tower location is 367. Suspected fault tower section is 361-371. Patrolling may be done from 357-377. Fault is in Bhatapara-TLM jurisdiction.
CKT	765kV KOTRA PS-RAIPUR PS(DURG)-2	LART	18/09/22	23:21:00	18/09/22	23:21:00	0.00	0.00	0.00	0.00	0.00		* Line A/R successful on R-G fault. Fault details at Durg end: 140.93km and 5.23kA and from Kotra end: 99.06km and 7.79kA.* 04.10.2022 12:48:11 INDIA Nakka Nataraj (60031136)** Flashover Marks found on Arching Horn and CC Ring at Loc. 245
							0.08	1.80	0.00	0.00	0.00	99.75	
CKT	765kV KOTRA PS-TAMNAR PS-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV KOTRA PS-TAMNAR PS-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765KV-PUNE GIS-PADGHE GIS-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV RAIPUR PS(DURG)-WARDHA-1	LVRD	20/09/22	23:31:00	30/09/22	23:59:59	10.02	0.00	0.00	0.00	240.48		* Line H/T as per WRDLC instructions for voltage Regulation and SLR charged as BR at 00:00hrs/21.09.2022 @Durg.
CKT	765kV RAIPUR PS(DURG)-WARDHA-1	LVRD	01/09/22	00:00:01	07/09/22	12:24:00	6.52	0.00	0.00	0.00	156.40		* Line H/T as per WRDLC instructions for Voltage Regulation and SLR charged as BR at 12:00 hrs at Durg.
							16.54	0.00	0.00	0.00	396.88	100.00	
CKT	765kV RAIPUR PS(DURG)-WARDHA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV RAIPUR PS(DURG)-WARDHA-3	LVRD	01/09/22	00:00:01	30/09/22	23:59:59	30.00	0.00	0.00	0.00	720.00		* Line H/T as per WRDLC instructions for Voltage Regulation and SLR charged as BR at 18:40 Hrs at Durg end.
CKT	765kV RAIPUR PS(DURG)-WARDHA-3	OMSU	15/09/22	12:22:00	15/09/22	19:44:00	0.31	0.00	7.37	0.00	0.00		* For Spare Changeover at Wardha end . Line outage not required for spare changeover and same is being proposed as per WRDLC/NLDC instructions
CKT	765kV RAIPUR PS(DURG)-WARDHA-3	LVRD	08/09/22	12:28:00	15/09/22	12:22:00	7.00	0.00	0.00	0.00	167.90		* Line H/T as per WRDLC instructions for Voltage regulation and SLR charged as BR at 12:52 Hrs at Durg end.
CKT	765kV RAIPUR PS(DURG)-WARDHA-3	GOMD	15/09/22	19:44:00	20/09/22	06:33:00	4.45	0.00	0.00	0.00	106.82		* Line kept open as per WRDLC instructions for voltage regulation and SLR charged as BR at 20:52 Hrs at Durg end. Line charging attempt taken from Wardha end but line tripped on operation of OV at Durg end.
							41.76	0.00	7.37	0.00	994.72	100.00	
CKT	765kV RAIPUR PS(DURG)-WARDHA-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV SEONI-WARDHA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV SEONI-WARDHA-2	OMSU	14/09/22	09:37:00	14/09/22	19:53:00	0.43	0.00	10.27	0.00	0.00		* For spare changeover @Seoni//Rescheduled to 14.09.2022 from 06.09.2022//222
							0.43	0.00	10.27	0.00	0.00	100.00	
CKT	765kV SOLAPUR-AURANGABAD-1	GOMD	28/09/22	22:27:00	30/09/22	23:59:59	2.07	0.00	0.00	0.00	49.55		* Line kept out as per WRDLC instructions for Votage regulation . SLR converted as B/R at 23:37 Hrs at Aurangabad end and 23:42 Hrs at solapur end.
CKT	765kV SOLAPUR-AURANGABAD-1	OSPT	28/09/22	10:49:00	28/09/22	22:27:00	0.49	11.63	0.00	0.00	0.00		* For Line Bay AMP works. AR to be kept in non Auto mode for 765KV-AURANGABAD-SOLAPUR-2
CKT	765kV SOLAPUR-AURANGABAD-1	LVRD	14/09/22	20:16:00	30/09/22	23:59:59	16.16	0.00	0.00	0.00	387.73		* Line H/T as per WRDLC instructions for Voltage Regulation and SLR charged as BR at 20:51hrs @ Solapur (<-&<-) at 20:31hrs @ Aurangabad end. Enter text here...
							18.72	11.63	0.00	0.00	437.28	98.38	
CKT	765kV SOLAPUR-AURANGABAD-2	GOMD	10/09/22	22:10:00	11/09/22	12:18:00	0.59	0.00	0.00	0.00	14.13		* Line kept out as per WRDLC instructions for Voltage Regulations and SLR converted to BR at Solapur by WRDLC code 09/1147,NL-09/849 at 22:51 Hrs and at Aurangabad by WRDLC code 09/1156,NL-09/854 at 22:50 Hrs.
CKT	765kV SOLAPUR-AURANGABAD-2	SEFT	10/09/22	11:37:00	10/09/22	22:10:00	0.44	10.55	0.00	0.00	0.00		* Line tripped due to B phase LA failure at Solapur end while line charging from Aurangabad end.
CKT	765kV SOLAPUR-AURANGABAD-2	LVRD	01/09/22	00:00:01	10/09/22	11:37:00	9.48	0.00	0.00	0.00	227.62		* Line Hand Trip on Voltage regulation and SLR converted as BR at both ends
							10.51	10.55	0.00	0.00	241.75	98.53	
CKT	765kV SOLAPUR-PUNE GIS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV SIPAT(NTPC)-BILASPUR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV SIPAT(NTPC)-BILASPUR-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV WARDHA-AURANGABAD-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV WARDHA-AURANGABAD-2	LVRD	20/09/22	00:02:00	30/09/22	23:59:59	11.00	0.00	0.00	0.00	263.97		* Line H/T as per WRDLC instructions for voltage Regulation and SLR charged as BR at 00:17hrs @Wardha.



Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	765kV WARDHA-AURANGABAD-2	LEFT	11/09/22	18:10:00	11/09/22	19:43:00	0.07	1.55	0.00	0.00	0.00		* Line Tripped on persisting B Ph-E fault. Fault distatnce is 47KM from Wardha. Suspected fault tower location is 125. Suspected fault tower section is 120-130. Patrolling may be done from 115-135. Fault is in Wardha-TLM jurisdiction.* 04.10.2022 12:34:16 INDIA Nakka Nataraj (60031136)*** Kite thread was found hanging between earth peak/ copper Bond to top cross arm on loc. No. 121 .
CKT	765kV WARDHA-AURANGABAD-2	LVRD	15/09/22	01:13:00	19/09/22	09:50:00	4.36	0.00	0.00	0.00	104.62		* Line H/T as per WRLCD instructions for voltage Regulation
							15.43	1.55	0.00	0.00	368.59	99.78	
CKT	765kV WARDHA-AURANGABAD-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV WARDHA-AURANGABAD-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,LR OF WARDHA-2 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,LR OF WARDHA-1 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,LR OF BOISAR-2 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,LR OF BOISAR-1 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF PADGHE-2 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF PADGHE-1 AT AURANGABAD	SVRD	27/09/22	08:08:00	30/09/22	23:59:59	3.66	0.00	0.00	0.00	87.87		* SLR H/T for Voltage Regulation as per WRLCD code
LNR	240MVAR,SWLR OF PADGHE-1 AT AURANGABAD	SVRD	20/09/22	07:22:00	23/09/22	00:12:00	2.70	0.00	0.00	0.00	64.83		* SLR H/T as per WRLCD instructions for Voltage Regulations.Enter text here...
							6.36	0.00	0.00	0.00	152.70	100.00	
LNR	240MVAR,SWLR OF SOLAPUR-1 AT AURANGABAD	SVRD	29/09/22	06:53:00	30/09/22	23:59:59	1.71	0.00	0.00	0.00	41.12		* SLR H/T as per WRLCD instructions for VR
LNR	240MVAR,SWLR OF SOLAPUR-1 AT AURANGABAD	SVRD	26/09/22	09:18:00	26/09/22	22:56:00	0.57	0.00	0.00	0.00	13.63		* SLR H/T for Voltage regulation as per WRLCD code
							2.28	0.00	0.00	0.00	54.75	100.00	
LNR	240MVAR,SWLR OF SOLAPUR-2 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF SEONI-1 AT BILASPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF SEONI-2 AT BILASPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF RAJNANGAON-1 AT BILASPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF RAJNANGAON-2 AT BILASPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF DHARAMJYGARH AT BILASPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF JABALPUR-2 AT KORBA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF JABALPUR-1 AT KORBA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF JARSUGUDA-4 AT KORBA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF JARSUGUDA-3 AT KORBA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF JABALPUR-3 AT KORBA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF JABALPUR-4 AT KORBA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF JARSUGUDA-2 AT KORBA PS	OMSU	19/09/22	15:26:00	19/09/22	17:35:00	0.09	0.00	2.15	0.00	0.00		* LR tripped upon line A/R operation due to Ferro resonance protection scheme implimented at Dharamjaygarh end.
							0.09	0.00	2.15	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF JARSUGUDA-1 AT KORBA PS	OMSU	28/09/22	15:36:00	28/09/22	17:28:00	0.08	0.00	1.87	0.00	0.00		* SLR tripped upon line A/R operation due to Ferro resonance protection scheme implimented at Dharamjaygarh end.
LNR	330MVAR,SWLR OF JARSUGUDA-1 AT KORBA PS	OMSU	28/09/22	22:59:00	29/09/22	00:30:00	0.06	0.00	1.52	0.00	0.00		* SLR tripped upon line A/R operation due to Ferro resonance protection scheme implimented at Dharamjaygarh end.
							0.14	0.00	3.39	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF DURG-2 AT KOTRA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF DURG-1 AT KOTRA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF PUNE GIS-1 AT PUNE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF PUNE GIS-2 AT PUNE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	



Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE TO Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
VALVE	500MW,BHADRAWATI HVDC BTB POLE-1	OMST	06/09/22	15:27:00	06/09/22	19:17:00	0.16	3.83	0.00	0.00	0.00		* Pole -1 blocked due to Valve Cooling control-1 Main circuit half flow very low alarm.
VALVE	500MW,BHADRAWATI HVDC BTB POLE-1	OMST	24/09/22	10:46:00	24/09/22	16:58:00	0.26	6.20	0.00	0.00	0.00		* Pole -1 blocked due to West Valve Power supply unit low.
							0.42	10.03	0.00	0.00	0.00	98.61	
VALVE	500MW,BHADRAWATI HVDC BTB POLE-2	OSFT	27/09/22	16:14:00	27/09/22	23:49:00	0.32	7.58	0.00	0.00	0.00		* Emergency outage on HVDC Pole-2 for replacement of 6 Nos failed Thyristers/Gate card.
							0.32	7.58	0.00	0.00	0.00	98.95	
VALVE	POLE1 VALVE HALL_RAIGARH HVDC			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
VALVE	POLE2_VALVE HALL_RAIGARH HVDC			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT BHATAPARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT BHATAPARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT BILASPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT BILASPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-3 AT BILASPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT CHAMPA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT CHAMPA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-3 AT CHAMPA	OSPT	06/09/22	10:08:00	07/09/22	00:00:13	0.58	13.87	0.00	0.00	0.00		* For 765kv ICT-3 alongwith its terminal equipments and Relay AMP works* 07.09.2022 00:50:31 INDIA Pulusam Venkataiah (60002693) Phone 9673911442* Note: ICT-3 charged at 00:00hrs/07.09.2022
							0.58	13.87	0.00	0.00	0.00	98.07	
XMER	1500MVA,765/400kV ICT-4 AT CHAMPA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-5 AT CHAMPA	OMSU	27/09/22	10:43:00	27/09/22	19:01:00	0.35	0.00	8.30	0.00	0.00		* ICT#5 outage for Spare Changeover Work
XMER	1500MVA,765/400kV ICT-5 AT CHAMPA	OMSU	20/09/22	10:35:00	20/09/22	19:21:00	0.37	0.00	8.77	0.00	0.00		* For Spare Changeover
							0.72	0.00	17.07	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-6 AT CHAMPA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT DHARAMJAYGARH	OMSU	27/09/22	07:42:00	27/09/22	23:05:00	0.64	0.00	15.38	0.00	0.00		* ICT#1 outage for Spare Changeover Work
							0.64	0.00	15.38	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT DHARAMJAYGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT KOTRA PS	OSPT	29/09/22	09:21:00	29/09/22	22:49:00	0.56	13.47	0.00	0.00	0.00		* For AMP of ICT <(>&<>) relay testing works
							0.56	13.47	0.00	0.00	0.00	98.13	
XMER	1500MVA,765/400kV ICT-2 AT KOTRA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-3 AT KOTRA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-4 AT KOTRA PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT MAPUSA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT MAPUSA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-3 AT MAPUSA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT PADGHE GIS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT PADGHE GIS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT PARLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
XMER	500MVA,400/220kV ICT-2 AT PARLI	OSPT	19/09/22	08:37:00	19/09/22	22:25:00	0.58	13.80	0.00	0.00	0.00		* AMP of ICT <(>&<)> relay testing works
							0.58	13.80	0.00	0.00	0.00	98.08	
XMER	315MVA,400/220kV ICT-1 AT PUNE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT PUNE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-3 AT PUNE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT PUNE GIS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT PUNE GIS	OSPT	24/09/22	08:04:00	25/09/22	02:08:00	0.75	18.07	0.00	0.00	0.00		* For AMP of ICT <(>&<)> relay testing works
							0.75	18.07	0.00	0.00	0.00	97.49	
XMER	315MVA,400/220kV ICT-1 AT RAIGARH	OSFT	30/09/22	09:08:00	30/09/22	23:59:59	0.62	14.87	0.00	0.00	0.00		* Emergency outage availed for attending Hotspot on 201-89L Isolator
							0.62	14.87	0.00	0.00	0.00	97.94	
XMER	315MVA,400/220kV ICT-2 AT RAIGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT RAIPUR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT RAIPUR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT RAIPUR	OSPT	21/09/22	11:32:00	21/09/22	21:16:00	0.41	9.73	0.00	0.00	0.00		* For AMP <(>&<)> relay testing works
							0.41	9.73	0.00	0.00	0.00	98.65	
XMER	315MVA,400/220kV ICT-2 AT RAIPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-3 AT RAIPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-3 AT SEONI	OSPT	21/09/22	10:07:00	21/09/22	23:53:00	0.57	13.77	0.00	0.00	0.00		* For AMP <(>&<)> relay testing works
							0.57	13.77	0.00	0.00	0.00	98.09	
XMER	315MVA,400/220kV ICT-1 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT SOLAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT SOLAPUR	OMSU	27/09/22	08:38:00	27/09/22	20:37:00	0.50	0.00	11.98	0.00	0.00		* ICT#2 outage for Spare Changeover Work
XMER	1500MVA,765/400kV ICT-2 AT SOLAPUR	OMSU	16/09/22	09:03:00	16/09/22	19:38:00	0.44	0.00	10.58	0.00	0.00		* For ICT spare changeover work. B-ph unit taken out and Spare unit taken in.
							0.94	0.00	22.56	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT SOLAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT SOLAPUR	OSPT	23/09/22	08:36:00	23/09/22	21:18:00	0.53	12.70	0.00	0.00	0.00		* For AMP <(>&<)> relay testing works
							0.53	12.70	0.00	0.00	0.00	98.24	
XMER	500MVA,400/220kV ICT-3 AT SOLAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT TAMNAR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT TAMNAR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-3 AT TAMNAR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-4 AT TAMNAR PS	OSPT	07/09/22	09:36:00	07/09/22	20:53:00	0.47	11.28	0.00	0.00	0.00		* For AMP <(>&<)> relay testing works
							0.47	11.28	0.00	0.00	0.00	98.43	
XMER	1500MVA,765/400kV ICT-1 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-3 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
XMER	500MVA,400/220kV ICT-3 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
							670.21	397.21	124.90	466.60	15,093.96	28,844.82	