

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
							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		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORBA(NTPC)-KORBA(CSEB)-1	LPRD	01/08/22	00:00:01	31/08/22	23:59:59	31.00	0.00	0.00	0.00	744.00		* Opened to control fault level at NTPC Korba
							31.00	0.00	0.00	0.00	744.00	100.00	
CKT	400kV KORBA(NTPC)-MAHAN(ESSAR)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							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		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KORBA(NTPC)-RAIPUR-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	400kV KORBA(NTPC)-SIPAT(NTPC)			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	400kV KORADI(MSEB)-SATPURA(MPPTCL)			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	400kV LARA(NTPC)-CHAMPA-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	400kV LARA(NTPC)-CHAMPA-2	LART	04/08/22	03:16:00	04/08/22	03:16:00	0.00	0.00	0.00	0.00	0.00		* Line A/R succssfully operated on Y-E fault. FD-20.57KM, FC- 18.89KA from Champa end and FD- 109 , FC- 3.36KAfrom Lara end. Fault is in Champa TLM Jurisdiction.* 04.09.2022 19:54:17 INDIA Nakka Nataraj (60031136)
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV LARA(NTPC)-KOTRA 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	400kV LARA(NTPC)-KOTRA 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	400kV MAHAN(ESSAR)-VINDHYACHAL(NTPC)			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	400kV MAUDA(NTPC)-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	400kV MAUDA(NTPC)-WARDHA-2	LART	04/08/22	02:23:00	04/08/22	02:23:00	0.00	0.00	0.00	0.00	0.00		* Line A/R succssfully operated on R-E fault, FD-70.92km, FC-6.297kA from Raipur from Wardha end <-> FD-65.7KM, FC-7KA from Mauda end. Fault is in Nagpur TLM Jurisdiction.
							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		
							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		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV PARLI-PARLI(MSETCL)-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	400kV PARLI-PARLI(MSETCL)-2	OSPT	01/08/22	07:55:00	01/08/22	21:05:00	0.55	13.17	0.00	0.00	0.00		* For line terminal equipment, Line AMP works
CKT	400kV PARLI-PARLI(MSETCL)-2	LART	05/08/22	12:01:00	05/08/22	12:01:00	0.00	0.00	0.00	0.00	0.00		* Line A/R succssfully operated on R-E fault. FD-3.8KM, FC-14.68KA from Parli (PG) end.* 01.09.2022 16:37:03 INDIA Krishnanjaneyulu Machha (60001973)* Top phase Outer Tension insulator string was de-Capped at loc. 11 Top phase (Towards Loc. 12 side). Same was replaced with CLR insulators considering safety of public <-> 33kv <->132kV transmission line crossing on same night.
							0.00	0.00	0.00	0.00	0.00	96.78	
CKT	400kV PARLI-PARLI(MSETCL)-2	OSFT	05/08/22	13:23:00	06/08/22	00:12:00	0.45	10.82	0.00	0.00	0.00		* Emergency outage availed for attending insulator decapping at Tower no. 11 Top phase
							1.00	23.99	0.00	0.00	0.00	96.78	
CKT	400kV PARLI-PUNE 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	400kV PARLI-PUNE GIS-2	OMSU	19/08/22	06:29:43	19/08/22	21:42:00	0.63	0.00	15.21	0.00	0.00		* Line tripped on Rph to ground fault. Fault details from Parli SS- FC: 4.077 kA, FD: 102.558km, From Pune GIS end- FC: 2.300 kA, FD: 166.441km. Fault is in Adani Jurisdiction
							0.63	0.00	15.21	0.00	0.00	100.00	
CKT	400kV PUNE-PUNE 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	400kV PUNE-PUNE GIS-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	400kV PUNE GIS-AURANGABAD(MSETCL)-1	LPRD	01/08/22	00:00:01	04/08/22	23:14:00	3.97	0.00	0.00	0.00	95.23		* Line H/T as per WRDLC instructions for Power Regulation
							3.97	0.00	0.00	0.00	95.23	100.00	
CKT	400kV PUNE GIS-AURANGABAD(MSETCL)-2	LVRD	05/08/22	00:06:00	19/08/22	15:29:00	14.64	0.00	0.00	0.00	351.38		* Line H/T as per WRDLC instructions for Power Regulation
							0.00	0.00	0.00	0.00	0.00		
CKT	400kV PUNE GIS-AURANGABAD(MSETCL)-2	OSPT	29/08/22	10:22:00	29/08/22	19:41:00	0.39	9.32	0.00	0.00	0.00		* For Line Bays, L/R <-> Line AMP works at both ends, Dia to be kept in open condition at both ends.
							15.03	9.32	0.00	0.00	351.38	98.75	
CKT	400kV PUNE GIS-PUNE-3			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	400kV PUNE GIS-PUNE-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	

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 RAIGARH-KOTRA PS-1	OSPT	18/08/22	11:00:00	18/08/22	21:18:00	0.43	10.30	0.00	0.00	0.00		* For Line Bays <(>&<)> Line AMP works at both ends
							0.43	10.30	0.00	0.00	0.00	98.62	
CKT	400kV RAIGARH-KOTRA PS-2	OSPT	29/08/22	08:58:00	29/08/22	21:16:00	0.51	12.30	0.00	0.00	0.00		* For Line Bays <(>&<)> Line AMP works at both ends, Dia to be kept in open condition at both ends. A/R to be kept in non auto mode for 400KV-RAIGARH-RAIGARH-PS-1 for safety precautions
							0.51	12.30	0.00	0.00	0.00	98.35	
CKT	400kV RAIPUR-BHADRAWATI-1	LEFT	30/08/22	01:24:00	30/08/22	02:30:00	0.05	1.10	0.00	0.00	0.00		* Line tripped on R phase to Ground Fault. FD-8.17km, FC-20.975kA from Raipur end <(>&<)> FD-332km, FC-1.75kA from Bhadravati end* 04.09.2022 20:43:10 INDIA Krishnanjaneyulu Machha (60001973)* At tower No 31, Flashover marks are observed on top phase Anchor Shackle (Tower End) <(>&<)> Insulator String
							0.05	1.10	0.00	0.00	0.00	99.85	
CKT	400kV RAIPUR-BHADRAWATI-2	LVRD	30/08/22	16:06:00	31/08/22	23:59:59	1.33	0.00	0.00	0.00	31.90		* Line kept open due to high voltage as per WRDLC instructions. Charging code 08/3066 was issued on 30.08.2022 and charging attempted at 16:04 Hrs from Bhadravati end but line tripped on over voltage. Line kept open due to system constraints as per code 08/3080.
CKT	400kV RAIPUR-BHADRAWATI-2	GOVC	14/08/22	00:08:00	14/08/22	00:18:00	0.01	0.00	0.00	0.17	0.00		* Line Tripped on over voltage protection
CKT	400kV RAIPUR-BHADRAWATI-2	LVRD	14/08/22	00:18:00	30/08/22	16:04:00	16.66	0.00	0.00	0.00	399.77		* Line Kept open due to high voltage as per WRDLC instructions.* 22.08.2022 20:14:41 INDIA Prasanna Anil Pandharikar (60021315)* Line kept open due to high voltage as per WRDLC instructions. Charging code 08/2137 was issued on 22.08.2022 and charging attempted at 15:39 Hrs from Bhadravati end but line tripped on over voltage. Line kept open due to system constraints as per code 08/2142.
CKT	400kV RAIPUR-BHADRAWATI-2	LNCC	05/08/22	03:11:00	05/08/22	04:44:00	0.07	0.00	0.00	1.55	0.00		* Line trip on Bph to Groung fault* 01.09.2022 16:33:04 INDIA Krishnanjaneyulu Machha (60001973)* Flashover marks found on 12 nos insulators at Loc. 149
							18.07	0.00	0.00	1.72	431.67	100.00	
CKT	400kV RAIPUR-BHADRAWATI-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	400kV RAIPUR-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 RAIPUR-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 RAIPUR-RAIGARH-2	LART	09/08/22	18:11:00	09/08/22	18:11:00	0.00	0.00	0.00	0.00	0.00		* Line AR successfully operated on R-E fault.* 04.09.2022 18:29:19 INDIA Krishnanjaneyulu Machha (60001973)* Flashover mark Found in hardware fitting , arching Horn , CC Ring and Insulator at loc no. 198. TFR Values at Loc. 198 Leg A - 4.6 Ohm, Leg B - 4.3 Ohm, Leg C - 4.7 Ohm, Leg D - 4.5 Ohm
CKT	400kV RAIPUR-RAIGARH-2	LART	28/08/22	23:03:00	28/08/22	23:03:00	0.00	0.00	0.00	0.00	0.00		* Line Autoreclosed successful on B-G fault. Fault distance at Raipur - Main II FD- 96.89 KM , FC- 3.94 KA Double End - FD- 102.76 KM, FC 3.944 KA Fault distance at Raigarh - Double End - FD- 114.23 KM, FC 3.59 KA.Fault is in Bhataparat-TLM jurisdiction.* 04.09.2022 20:41:38 INDIA Krishnanjaneyulu Machha (60001973)* Flashover mark found in Hardware Fitting, arching horn and CC ring at loc. no 281. TFR Values at Loc.. 281 Leg A - 4.6 Ohm, Leg B - 4.5 Ohm, Leg C - 4.5 Ohm, Leg D - 5.0 Ohm
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAIPUR-RAIGARH-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	400kV RAIPUR-RAIGARH-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 RAIPUR-RAIPUR PS(DURG)-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 RAIPUR-RAIPUR PS(DURG)-2	LNCC	07/08/22	21:36:00	08/08/22	00:06:00	0.10	0.00	0.00	2.50	0.00		* Line tripped on B ph to E fault. Fault details at Raipur end :- Main I :- FD- 5.56KM. FC- 15.21 KA ; Main II- FD- 5.52 KM, FC- 15.4 KA.* 04.09.2022 20:20:44 INDIA Krishnanjaneyulu Machha (60001973)* At Tower no 47 , On Top phase Lightning flashover marks found on arching horn , Grading Ring , Corona Ring <(>&<)> Copper Bond. TFR Values at Loc. 47 Leg A - 4.6 Ohm, Leg B - 4.9 Ohm, Leg C - 4.2 Ohm, Leg D - 4.6 Ohm
							0.10	0.00	0.00	2.50	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	
							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 RAIPUR-WARDHA-2	LART	07/08/22	19:16:00	07/08/22	19:16:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R succssfully operated on R-E fault. Fault details at Wardha end :-Main I - FD-375 KM, FC- 1.25 KA; Main II - FD-375 KM, FC- 1.25 KA from Wardha (PG) end.Fault details at Raipur end :- Main II - FD-30.52 KM, FC- 8.5 KA from Raipur end* 01.09.2022 17:28:40 INDIA Krishnanjaneyulu Machha (60001973)* At Tower 90, Flashover Marks observed on Top Phase Jumper Sub conductors and middle cross Arm .
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RANCHI-SIPAT(NTPC)-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 RANCHI-SIPAT(NTPC)-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 ROURKELA-JHARSUGUDA-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 ROURKELA-JHARSUGUDA-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 ROURKELA-JHARSUGUDA-3	OSFT	19/08/22	11:39:00	19/08/22	14:40:00	0.13	3.02	0.00	0.00	0.00	99.59	* Emergency shutdown taken for attending hotspot in B-ph line isolator.
							0.13	3.02	0.00	0.00	0.00	99.59	
CKT	400kV ROURKELA-JHARSUGUDA-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 SEONI-KIRNAPUR(MPPTCL)	OSPT	09/08/22	10:09:00	09/08/22	18:48:00	0.36	8.65	0.00	0.00	0.00	98.84	* For line side equipment AMP work <(>&< For testing Dia to be kept open@Seoni
							0.36	8.65	0.00	0.00	0.00	98.84	
CKT	400kV SEONI-SATPURA(MPPTCL)	OSPD	30/08/22	12:41:00	30/08/22	19:50:00	0.30	0.00	0.00	0.00	7.15	100.00	* OUTAGE AVAILED BY MP_SLDC FOR LINE MAINTENANCE WORK
							0.30	0.00	0.00	0.00	7.15	100.00	
CKT	400kV SOLAPUR(NTPC)-SOLAPUR-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 SOLAPUR(NTPC)-SOLAPUR-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 SOLAPUR(NTPC)-SOLAPUR-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	400kV SOLAPUR(NTPC)-SOLAPUR-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 SIPAT(NTPC)-RAIPUR-1	LART	03/08/22	20:08:00	03/08/22	20:08:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R succssfully operated on B-E fault, FD-114km, FC-3.558kA from Raipur end and FD-28.23km, FC-9.274kA from Sipat end.* 04.09.2022 19:44:58 INDIA Nakka Nataraj (60031136)** Flashover mark Observed at arcing horn and conductor vibration damper.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SIPAT(NTPC)-RAIPUR-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 SIPAT(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	
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	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV WARDHA-AKOLA(MSETCL)-1	OSFT	29/08/22	17:36:00	29/08/22	19:45:00	0.09	2.15	0.00	0.00	0.00	99.71	* Emergency outage is being availed on 400kv Wardha - Akola-1 to attend the line side isolator (41989B-Y-ph) of main bay at Wardha
							0.09	2.15	0.00	0.00	0.00	99.71	
CKT	400kV WARDHA-AKOLA(MSETCL)-2	LART	07/08/22	16:24:00	07/08/22	16:24:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R succssfully operated on B-E fault. Fault details at Wardha end :- FD-137.4KM, FC- 3.4 KA from Wardha (PG) end.Fault details at Akola end :- FD-25.1 KM, FC- 9.2 KA from Akola (PG) end. Fault is in Akola TLM jurisdiction.* 01.09.2022 16:44:43 INDIA Krishnanjaneyulu Machha (60001973)* Flashover Marks Observed on CLR Insulator Rod at Loc. No. 377 (DA).
							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	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV WARDHA-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	100.00	
CKT	400kV WARDHA-WARORA-1	LCSD	01/08/22	00:00:01	31/08/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* POWERGRID Line Diversion/Re-routing works associated with Bus-splitting Scheme
							31.00	0.00	0.00	0.00	744.00	100.00	
CKT	400kV WARDHA-WARORA-2	LCSD	01/08/22	00:00:01	31/08/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* POWERGRID Line Diversion/Re-routing works associated with Bus-splitting Scheme
							31.00	0.00	0.00	0.00	744.00	100.00	
CKT	400kV WARORA-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 WARORA-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	765kV AURANGABAD-PADGHE GIS			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
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV AURANGABAD-PUNE GIS	LVRD	01/08/22	00:00:01	13/08/22	10:49:00	12.45	0.00	0.00	0.00	298.82		* Line H/T as per WRLDC instructions for Voltage Regulation and SLR charged as BR at 22:52 hrs @ Pune-GIS <(>&<)> at 22:32 hrs @ Aurangabad end
CKT	765kV AURANGABAD-PUNE GIS	LVRD	15/08/22	00:25:00	31/08/22	23:59:59	16.98	0.00	0.00	0.00	407.58		* Line H/T as per WRLDC 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	01/08/22	00:00:01	31/08/22	23:59:59	31.00	0.00	0.00	0.00	744.00		* Line H/T as per WRLDC instructions for Power flow Regulation.
							60.43	0.00	0.00	0.00	1,450.40	100.00	
CKT	765kV BILASPUR-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	
CKT	765kV BILASPUR-SEONI-1	LNCC	13/08/22	15:14:00	16/08/22	13:25:00	2.92	0.00	0.00	70.18	0.00		* Emergency outage availed for Guy wire arrangement for Tower no.336
CKT	765kV BILASPUR-SEONI-1	LNCC	13/08/22	15:14:00	16/08/22	13:25:00	2.92	0.00	0.00	70.18	0.00		* Emergency outage availed for Guy wire arrangement for Tower no.336
							5.84	0.00	0.00	140.36	0.00	100.00	
CKT	765kV BILASPUR-SEONI-2	OMSU	05/08/22	10:06:00	05/08/22	20:23:00	0.43	0.00	10.28	0.00	0.00		* For Line reactor Spare unit change over at Bilaspur end.
							0.43	0.00	10.28	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		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV CHAMPA-RAIPUR PS(DURG)-1	LVRD	01/08/22	00:00:01	02/08/22	09:30:00	1.40	0.00	0.00	0.00	33.50		* Line H/T as per WRLDC instructions for Voltage Regulation.
							1.40	0.00	0.00	0.00	33.50	100.00	
CKT	765kV CHAMPA-RAIPUR PS(DURG)-2	LVRD	10/08/22	15:58:00	26/08/22	10:23:00	15.77	0.00	0.00	0.00	378.42		* Line Hand Trip on Voltage regulation
							15.77	0.00	0.00	0.00	378.42	100.00	
CKT	765kV CHAMPA-DHARAMJAYGARH-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 RANCHI-DHARAMJAYGARH-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 RANCHI-DHARAMJAYGARH-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 JHARSUGUDA-DHARAMJAYGARH-1	LVRD	11/08/22	16:58:00	31/08/22	23:59:59	20.29	0.00	0.00	0.00	487.03		* Line H/T as per WRLDC instructions for Voltage Regulation and SLR charged as BR at 17:35 hrs at Dharamjaygarh
CKT	765kV JHARSUGUDA-DHARAMJAYGARH-1	OMSU	29/08/22	11:09:00	29/08/22	22:02:00	0.45	0.00	10.88	0.00	0.00		* For Line bay, L/R <(>&<)> Line eq AMP works
							20.74	0.00	10.88	0.00	487.03	100.00	
CKT	765kV JHARSUGUDA-DHARAMJAYGARH-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 JHARSUGUDA-DHARAMJAYGARH-3	LART	28/08/22	11:57:00	28/08/22	11:57:00	0.00	0.00	0.00	0.00	0.00		* Line Autoreclosed successful on Y-G fault. Fault distance is 58 KM from Dharamjaygarh. Suspected fault tower location is 252. Suspected fault tower section is 247-257. Patrolling may be done from 242-262. Fault is in Tamnar-TLM jurisdiction.* 04.09.2022 20:26:01 INDIA Krishnanjaneyulu Machha (60001973)* Flashover Marks found on Yoke Plate and Glass Insulator at Loc. 242. TFR Values at Loc. 242 Leg A - 3.1 Ohm, Leg B - 2.5 Ohm, Leg C - 3.1 Ohm, Leg D - 3.1 Ohm
							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		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV KOTRA PS-RAIPUR PS(DURG)-1	OSPT	26/08/22	11:24:00	26/08/22	22:08:00	0.45	10.73	0.00	0.00	0.00		* For Line Bays, L/R <(>&<)> Line AMP works,
							0.45	10.73	0.00	0.00	0.00	98.56	
CKT	765kV KOTRA PS-RAIPUR PS(DURG)-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 KOTRA PS-TAMNAR PS-1	LART	28/08/22	12:37:00	28/08/22	12:37:00	0.00	0.00	0.00	0.00	0.00		* Line Autoreclosed successful on R-G fault. Fault distance is 16 KM from Kotra. Suspected fault tower location is 44. Suspected fault tower section is 39-49. Patrolling may be done from 34-54. Fault is in Raigarh-TLM jurisdiction.* 04.09.2022 20:27:53 INDIA Krishnanjaneyulu Machha (60001973)* Flashover marks found at location No. 47 (DD+3) on R phase pilot string a CC ring
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV KOTRA PS-TAMNAR PS-2	OSFT	25/08/22	11:51:00	25/08/22	20:48:00	0.37	8.95	0.00	0.00	0.00		* Emergency Outage availed to attend Hotspot in 702 89 B Isolator at Tamnar SS
							0.37	8.95	0.00	0.00	0.00	98.80	
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	15/08/22	11:23:00	31/08/22	23:59:59	16.53	0.00	0.00	0.00	396.62		* Line H/T as per WRLDC instructions for Voltage Regulation and SLR charged as BR at 12:00 hrs at Durg.
							16.53	0.00	0.00	0.00	396.62	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	

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
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF RAJNANGAON-2 AT BILASP			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF DHARAMJYGARH AT BILAS			00:00:00		00:00:00	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	
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	
LNR	330MVAR,SWLR OF JARSUGUDA-4 AT KORBA F			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF JARSUGUDA-3 AT KORBA F	OMSU	28/08/22	11:57:00	28/08/22	13:36:00	0.07	0.00	1.65	0.00	0.00	100.00	* SLR tripped upon line A/R operation due to Ferro resonance protection scheme implemented at D'garh.
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	
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	
LNR	330MVAR,SWLR OF JARSUGUDA-2 AT KORBA F			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,SWLR OF JARSUGUDA-1 AT KORBA F	OSPT	29/08/22	11:09:00	29/08/22	22:02:00	0.45	10.88	0.00	0.00	0.00	98.54	* For Line bay, L/R <-&-> Line eq AMP works
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	
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	
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	
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	
LNR	50MVAR,SWLR OF PUNE GIS-3 AT PUNE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF PUNE GIS-4 AT PUNE	SVRD	01/08/22	00:00:01	31/08/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* SLR H/T as per WRLDC instructions for Voltage Regulation.
LNR	240MVAR,SWLR OF SHOLAPUR AT PUNE GIS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	01/08/22	10:06:00	01/08/22	23:07:00	0.54	0.00	0.00	0.00	13.02	100.00	* SLR H/T as per WRLDC instructions for VR
LNR	240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	02/08/22	09:04:00	05/08/22	21:55:00	3.54	0.00	0.00	0.00	84.85	100.00	* SLR H/T as per WRLDC instructions for VR
LNR	240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	30/08/22	09:39:00	30/08/22	22:37:00	0.54	0.00	0.00	0.00	12.97	100.00	* SLR H/T as per WRLDC instructions for Voltage Regulation.
LNR	240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SCSD	09/08/22	14:55:00	09/08/22	17:55:00	0.13	0.00	0.00	0.00	3.00	100.00	* For L/R Spare unit change over
LNR	240MVAR,SWLR OF AURANGABAD AT PUNE GIS	OSPT	09/08/22	17:55:00	09/08/22	18:44:00	0.03	0.82	0.00	0.00	0.00	100.00	* For Spare change over
LNR	240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	01/08/22	00:00:01	31/08/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* SLR H/T as per WRLDC instructions for Voltage Regulation.
LNR	240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	26/08/22	10:47:00	31/08/22	23:59:59	5.55	0.00	0.00	0.00	133.22	100.00	* SLR H/T as per WRLDC instructions for VR
LNR	240MVAR,SWLR OF AURANGABAD AT PUNE GIS	SVRD	01/08/22	00:00:01	31/08/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* SLR H/T as per WRLDC instructions for Voltage Regulation.
LNR	240MVAR,SWLR OF JARSUGUDA-1 AT RAIPUR F			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF JARSUGUDA-2 AT RAIPUR F			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF WARDHA-1 AT RAIPUR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF WARDHA-2 AT RAIPUR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF WARDHA-3 AT RAIPUR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF WARDHA-4 AT RAIPUR PS			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF KORBA-3 AT RAIPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF WARDHA-1 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF WARDHA-2 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF BINA-1 AT SEONI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,SWLR OF KARAD AT SHOLAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF AURANGABAD-1 AT SHOLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF AURANGABAD-2 AT SHOLA	SVRD	11/08/22	13:22:00	11/08/22	19:37:00	0.26	0.00	0.00	0.00	6.25	100.00	* SLR Charged as B/R as per WRLDC instructions for Voltage Regulation.
LNR	240MVAR,SWLR OF PUNE AT SOLAPUR			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
LNR	240MVAR,SWLR OF RAICHUR-2 AT SOLAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF RAICHUR-1 AT SOLAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,LR OF AURANGABAD-1 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,LR OF AURANGABAD-2 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF NIZAMABAD-1 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF NIZAMABAD-2 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,LR OF AURANGABAD-2 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,LR OF AURANGABAD-1 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,LR OF AURANGABAD-3 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,LR OF AURANGABAD-4 AT WARDHA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
STATCOM	-300/+300 MVAR STATCOM AT AURANGABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
STATCOM	-300/+300 MVAR STATCOM AT SHOLAPUR	OSPT	30/08/22	14:07:00	30/08/22	19:19:00	0.22	5.20	0.00	0.00	0.00	99.30	* For Spare Change over as per CEA spare changing norms
STATCOM	-300/+300 MVAR STATCOM AT SHOLAPUR	SCSD	30/08/22	09:07:00	30/08/22	12:07:00	0.13	0.00	0.00	0.00	3.00	99.30	* For Spare Change over as per CEA spare changing norms
VALVE_HALL	500MW,BHADRAWATI HVDC BTB POLE-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
VALVE_HALL	500MW,BHADRAWATI HVDC BTB POLE-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
VALVE_HALL	POLE1 VALVE HALL_RAIGARH_HVDC			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
VALVE_HALL	POLE2 VALVE HALL_RAIGARH_HVDC			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 AURANGABAD			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 AURANGABAD			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 AURANGABAD			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 AURANGABAD			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 BHATAPARA			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 BHATAPARA			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 BILASPUR	SCSD	04/08/22	10:45:00	04/08/22	15:45:00	0.21	0.00	0.00	0.00	5.00	99.95	* For Spare unit change over
XMER	1500MVA,765/400kV ICT-1 AT BILASPUR	OSPT	04/08/22	15:45:00	04/08/22	16:07:00	0.02	0.37	0.00	0.00	0.00	99.95	* For Spare change over
XMER	1500MVA,765/400kV ICT-2 AT BILASPUR			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 BILASPUR			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 CHAMPA			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 CHAMPA			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 CHAMPA			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 CHAMPA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-5 AT CHAMPA			00:00:00		00:00:00	0.00	0.00	0.00	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	100.00	
XMER	1500MVA,765/400kV ICT-1 AT DHARAMJAYGARH			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 DHARAMJAYGARH			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 KOTRA 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 KOTRA 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 KOTRA 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 KOTRA PS			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 certifiyin	Detailed Reasons for Outage
XMER	315MVA,400/220kV ICT-2 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	
XMER	500MVA,400/220kV ICT-3 AT WARDHA	OSFT	12/08/22	15:37:00	12/08/22	19:23:00	0.16	3.77	0.00	0.00	0.00		* Emergency Outage availed for attending oil leaking from joint of conservator pipe and Buchholz relay on 400 /220 KV ICT 3.
							0.16	3.77	0.00	0.00	0.00	99.49	
							615.66	266.25	42.83	157.52	14,307.50		