

S.N o.	Unique ID of transmission Element	Element Name	Description (Length/ Nos./MV A/MVAr/ MW/etc.)	Region	Type of failure	OUTAGE		RESTORATION		Details of Outage		Total outage in days (1)	DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs)				Restoration Time as per Regulation 5(b) (2)	Whether Restoration Time more than normative (Y/N)	Difference between Actual and Norm 1-2	Detailed Reason(s) for Outage	Outage Certifying Agency and Reference Document	% Availability as certified by certifying agency
						Date	Time	Date	Time	No. of towers damaged	no. of insulator failed		ISTS Licensee	OTHERS	System Constraints / Natural calamity / Militancy	Deemed Available						
24	NR222024	220KV WAGOORA-PAMPORE-I	10.29	NR2									00:00	00:52	00:00	00:00				Line tripped on B-N fault in Zone-3 due to fault in 220kv Pampore-Mirbazur line of JKPDD. FLR Wagooora : 39.9Km, 3.3KA. POWERGRID line length is 10.29 kms.	NRPC	100.00
													00:00	00:00	00:00	06:01				SD taken by JKPDD for replacement of C&R panel at Pampore.		
													0:00	2:22	0:00	6:01				Sub Total -->		
25	NR222025	220KV WAGOORA-PAMPORE-II	10.29	NR2									00:00	01:33	00:00	00:00				Line tripped on B-N fault in Zone-3 due to fault in Pampore-Zrunkote line of JKPDD. FLR Wagooora : 37.33Km, 3.57KA. POWERGRID line length is 10.29 kms.	NRPC	100.00
													00:00	01:00	00:00	00:00				Line tripped on B-N fault in Zone-3 due to fault in 220kv Pampore-Mirbazur line of JKPDD. FLR Wagooora : 36.3Km, 3.6KA. POWERGRID line length is 10.29 kms.		
													00:00	00:00	00:00	07:22				SD taken by JKPDD for replacement of C&R panel at Pampore.		
													0:00	2:33	0:00	7:22				Sub Total -->		
26	NR222026	220KV Chamera-III - Chamba -I	14.95	NR2									00:00	00:00	00:00	00:00						
													0:00	0:00	0:00	0:00				Sub Total -->	NRPC	100.00
27	NR222027	220KV Chamera-III - Chamba -II	14.95	NR2									00:00	00:00	00:00	720:00				SD taken by NHPC for rectification of GIS CB at Chamera3.	NRPC	100.00
													0:00	0:00	0:00	720:00				Sub Total -->		
28	NR222029	220KV Hamirpur(PG)-Hamirpur(HPSEB)-I	9.50	NR2									00:00	00:00	00:00	00:00						
													0:00	0:00	0:00	0:00				Sub Total -->	NRPC	100.00
29	NR222031	220KV Hamirpur(PG)-Hamirpur(HPSEB)-II	9.50	NR2									00:00	00:00	00:00	00:00						
													0:00	0:00	0:00	0:00				Sub Total -->	NRPC	100.00
30	NR222032	220KV Jammu-Samba	60.93	NR2									00:00	00:00	00:00	00:00						
													0:00	0:00	0:00	0:00				Sub Total -->	NRPC	100.00
31	NR222033	220kv Samba-Hiranagar	14.04	NR2									00:00	01:44	00:00	00:00				Line tripped from JKPDD, Hiranagar only on mal-operation of protection at their end. Line remained charged from Samba. There was no-fault in this line. Protection system of Hiranagar belongs to JKPDD. Fault was observed in 132 KV Hiranagar-Sewa2 line for which Samba line protection mal-operated in reverse zone at Hiranagar. At PG, Samba fault was sensed in Zone-3. DR attached.	NRPC	100.00
													00:00	01:28	00:00	00:00				Line tripped from JKPDD, Hiranagar only on mal-operation of protection at their end. Line remained charged from Samba. There was no-fault in this line. Protection system of Hiranagar belongs to JKPDD. Fault was observed in 132 KV Hiranagar-Bani Brahma line for which Samba line protection mal-operated in reverse zone at Hiranagar. At PG, Samba fault was sensed in Zone-3. DR attached.		
													0:00	3:12	0:00	0:00				Sub Total -->		
32	NR222034	220KV KISHANGANGA(NHPC)-DELINA(JKPDD)-I	42.00	NR2									00:00	00:00	00:00	00:00						
													0:00	0:00	0:00	0:00				Sub Total -->	NRPC	100.00
33	NR222035	220KV KISHANGANGA(NHPC)-DELINA(JKPDD)-II	42.00	NR2									00:00	00:00	00:00	00:00						
													0:00	0:00	0:00	0:00				Sub Total -->	NRPC	100.00
34	NR222036	220KV JALANDHAR-NEHRIAN (HPSEB)-I	72.93	NR2									00:00	00:00	00:00	00:00						
													0:00	0:00	0:00	0:00				Sub Total -->	NRPC	100.00
35	NR222037	220KV JALANDHAR-NEHRIAN (HPSEB)-II	72.93	NR2									00:00	00:00	00:00	00:00						
													0:00	0:00	0:00	0:00				Sub Total -->	NRPC	100.00
36	NR222038	220KV HAMIRPUR-NEHRIAN (HPSEB)-I	55.40	NR2									00:00	00:00	00:00	00:00						
													0:00	0:00	0:00	0:00				Sub Total -->	NRPC	100.00
37	NR222039	220KV HAMIRPUR-NEHRIAN (HPSEB)-II	55.40	NR2									00:00	00:00	00:00	00:00						
													0:00	0:00	0:00	0:00				Sub Total -->	NRPC	100.00
38	NR222040	220KV WAGOORA-KISHENGANGA-I	115.20	NR2									01:30	00:00	00:00	00:00						
													1:30	0:00	0:00	2:27				Sub Total -->	NRPC	100.00
39	NR222041	220KV WAGOORA-KISHENGANGA-II	115.20	NR2									00:00	00:00	00:00	00:00						
													0:00	0:00	0:00	0:00				Sub Total -->	NRPC	100.00
40	NR240001	400KV Abdullapur-Bawana-I	166.64	NR2									00:00	00:00	00:00	00:00						
													0:00	0:00	0:00	0:00				Sub Total -->	NRPC	100.00
41	NR240005	400KV Amritsar-Jalandhar	59.71	NR2									00:00	00:00	00:00	00:00						
													0:00	0:00	0:00	0:00				Sub Total -->	NRPC	100.00
42	NR240008	400KV Chamera-I-Chamera-II	36.16	NR2									00:00	00:00	00:00	00:00						
													0:00	0:00	0:00	0:00				Sub Total -->	NRPC	100.00
43	NR240009	400KV Chamera-B-Kishenpur	134.81	NR2									00:00	00:00	00:00	00:00						
													0:00	0:00	0:00	0:00				Sub Total -->	NRPC	100.00

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						Date	Time	Date	Time	No. of towers damaged	no. of insulator failed		ISTS Licensee	OTHERS	System Constraints / Natural calamity / Militancy	Deemed Available											
						Sub Total -->							51:20	0:00	0:00	0:00											
233	NRWRDCP02	800KV HVDC Kurukshetra-Champa Pole - II		NR2										02:34	00:00	00:00	00:00				SD taken for SF-6 gas low alarm in HVDC voltage divider at Champa.	NRPC	93.51				
																	09:37	00:00	00:00	00:00						Pole blocked on CAT B protection due to Earth overcurrent in Pole 4.	
																		00:22	00:00	00:00	00:00						SD taken for the incorporation of DMR-1 to facilitate deblocking of Pole 1 &3
																		02:11	00:00	00:00	00:00						Pole blocked due to CNA protection operated at Champa.
																		04:43	00:00	00:00	00:00						Pole Blocked Due to DC line Fault.
																		14:43	00:00	00:00	00:00						SD taken for replacement works of Voltage divider in Pole-2 at Champa.
																		05:33	00:00	00:00	00:00						Pole blocked due to VBE major failure fault at Kurukshetra.
																		01:09	00:00	00:00	00:00						Pole blocked due to CAT B protn optd at Champa.
																		04:27	00:00	00:00	00:00						Pole blocked due to CNAP(Common Neutral Area Protection) protection operated at Champa.
																		01:23	00:00	00:00	00:00						Pole blocked due to VBE major fault at Champa.
						Sub Total -->							46:42	0:00	0:00	0:00											
234	NRWRDCP03	800KV HVDC KURUKSHETRA-CHAMPA POLE - III		NR2										00:00	00:00	00:00	111:28				Pole hand tripped/ blocked for voltage regulation.	NRPC	93.15				
																	35:52	00:00	00:00	00:00						Pole blocked due to CLD HV cable protn operated.	
																		05:08	00:00	00:00	00:00						Pole Blocked Due to DC line Fault.
																		01:53	00:00	00:00	00:00						Pole blocked due to CNAP(common area neutral protection) maloperation at Champa.
																		02:39	00:00	00:00	00:00						Pole blocked due to Lane changover failure at Champa.
																		02:34	00:00	00:00	00:00						Pole blocked due to abnormal firing angle at Kurukshetra.
																		01:33	00:00	00:00	00:00						Pole Blocked due to NBS Reclose operated at Champa.
						Sub Total -->							49:19	0:00	0:00	111:28											
235	NRWRDCP04	800KV HVDC KURUKSHETRA-CHAMPA POLE - IV		NR2										01:26	00:00	00:00	00:00				Pole blocked on CAT B protection due to Earth overcurrent in Pole 4.	NRPC	96.26				
																	06:07	00:00	00:00	00:00						Pole blocked due to earth over current protection opd at Kurukshetra.	
																		00:47	00:00	00:00	00:00						SD taken for the incorporation of DMR-1 to facilitate deblocking of Pole 1 &3.
																		01:41	00:00	00:00	00:00						Pole blocked due to DC undercurrent protection operated.
																		05:35	00:00	00:00	00:00						Pole Blocked Due to DC line Fault
																		05:03	00:00	00:00	00:00						Pole blocked due to lane changover failed at champa.
																		03:49	00:00	00:00	00:00						Pole blocked due to VESDA from optd at Champa.
																		02:29	00:00	00:00	00:00						Pole blocked due to VBE major fault at Champa.
						Sub Total -->							26:57	0:00	0:00	0:00											