



Unique ID of transmission Element	Element Name	Description (Length/No./MVA/MVAr/M.W/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						
					Sub Total -->				--	--	--	0:00	0:00	0:00	0:00	N/A	N/A	N/A			100.00
NR222016	220KV SALAL-IAMMU-I	56.33	NR2	--	Sub Total -->				--	--	--	0:00	0:00	0:00	0:00	N/A	N/A	N/A			100.00
NR222017	220KV SALAL-IAMMU-II	62.42	NR2	--	Sub Total -->				--	--	--	0:00	0:00	0:00	0:00	N/A	N/A	N/A			100.00
NR222018	220KV SALAL-KISHENPUR-I	56.80	NR2	--	Sub Total -->				--	--	--	0:00	0:00	0:00	0:00	N/A	N/A	N/A			100.00
NR222019	220KV SALAL-KISHENPUR-II	56.80	NR2	--	Sub Total -->				--	--	--	07:23	0:00	0:00	0:00	N/A	N/A	N/A	SD taken for replacement of flashed insulators.		99.01
NR222020	220KV SALAL-KISHENPUR-III	58.70	NR2	--	Sub Total -->				--	--	--	00:00	0:00	0:00	02:29	N/A	N/A	N/A	SD taken by NHPC for attending oil leakage of CVT at Salal.		100.00
NR222021	220KV SALAL-KISHENPUR-IV	58.70	NR2	--	Sub Total -->				--	--	--	14:02	0:00	0:00	0:00	N/A	N/A	N/A	Line opened at NHPC Salal due to broken jumper at Loc No3.		98.11
NR222022	220KV SARNA-DASUYA-I	53.07	NR2	--	Sub Total -->				--	--	--	00:00	0:00	0:00	0:00	N/A	N/A	N/A			100.00
NR222023	220KV SARNA-DASUYA-II	53.07	NR2	--	Sub Total -->				--	--	--	00:00	0:00	0:00	0:00	N/A	N/A	N/A			100.00
NR222024	220KV WAGOORA-PAMPORE-I	10.29	NR2	--	Sub Total -->				--	--	--	00:00	0:00	0:00	02:06	N/A	N/A	N/A	SD taken by JKPTCL for Replacement of damaged jumper from Isolator to CT R phase at Pampore. Bay at Pampore is owned by JKPTCL.		100.00
NR222025	220KV WAGOORA-PAMPORE-II	10.29	NR2	--	Sub Total -->				--	--	--	00:00	0:00	0:00	00:00	N/A	N/A	N/A			100.00
NR222026	220KV CHAMERA3-CHAMBA-I	14.95	NR2	--	Sub Total -->				--	--	--	00:00	0:00	0:00	06:12	N/A	N/A	N/A	SD taken by NHPC to facilitate SD of 220KV Bus-1&2 at Chamera3.		100.00
					Sub Total -->				--	--	--	00:00	0:00	0:00	01:17	N/A	N/A	N/A	SD taken by NHPC to facilitate SD of 220KV Bus-1&2 at Chamera3.		100.00
					Sub Total -->				--	--	--	00:00	0:00	0:00	06:26	N/A	N/A	N/A	SD taken by NHPC to facilitate SD of 220KV Bus-1&2 at Chamera3.		100.00
NR222027	220KV CHAMERA3-CHAMBA-II	14.95	NR2	--	Sub Total -->				--	--	--	00:00	0:00	0:00	06:19	N/A	N/A	N/A	SD taken by NHPC to facilitate SD of 220KV Bus-1&2 at Chamera3.		100.00
					Sub Total -->				--	--	--	00:00	0:00	0:00	01:11	N/A	N/A	N/A	SD taken by NHPC to facilitate SD of 220KV Bus-1&2 at Chamera3.		100.00
					Sub Total -->				--	--	--	00:00	0:00	0:00	06:34	N/A	N/A	N/A	SD taken by NHPC to facilitate SD of 220KV Bus-1&2 at Chamera3.		100.00
NR222029	220KV Hamirpur(PG)-Hamirpur(HPSEB)-I	9.50	NR2	--	Sub Total -->				--	--	--	00:00	0:00	0:00	00:00	N/A	N/A	N/A			100.00
NR222031	220KV Hamirpur(PG)-Hamirpur(HPSEB)-II	9.50	NR2	--	Sub Total -->				--	--	--	00:00	0:00	0:00	00:00	N/A	N/A	N/A			100.00
NR222032	220KV JAMMU-SAMBA	60.93	NR2	--	Sub Total -->				--	--	--	00:00	0:00	01:28	00:00	N/A	N/A	N/A	Line tripped on Y-N fault caused heavy thunderstorm and lightning. FLR Samba: 30.038kM.		100.00
					Sub Total -->				--	--	--	01:38	0:00	1:28	0:00	N/A	N/A	N/A	SD taken for rectification of circuit breaker trip circuit faulty alarm at Gladni.		99.78
NR222033	220KV Samba-Hiranagar	14.04	NR2	--	Sub Total -->				--	--	--	00:00	0:00	0:00	00:00	N/A	N/A	N/A			100.00
NR222034	220KV KISHANGANGA(NHPC)-DELINA(JKPPDD)-I	42.00	NR2	--	Sub Total -->				--	--	--	00:00	0:00	0:00	00:00	N/A	N/A	N/A			100.00
NR222035	220KV KISHANGANGA(NHPC)-DELINA(JKPPDD)-II	42.00	NR2	--	Sub Total -->				--	--	--	00:00	0:00	0:00	00:00	N/A	N/A	N/A			100.00
NR222036	220KV JALANDHAR-NEHRIAN (HPSEB)-I	72.93	NR2	--	Sub Total -->				--	--	--	00:00	0:00	0:00	00:00	N/A	N/A	N/A			100.00
NR222037	220KV JALANDHAR-NEHRIAN (HPSEB)-II	72.93	NR2	--	Sub Total -->				--	--	--	00:00	0:00	0:00	00:00	N/A	N/A	N/A			100.00
NR222038	220KV HAMIRPUR-NEHRIAN (HPSEB)-I	55.40	NR2	--	Sub Total -->				--	--	--	00:00	0:00	0:00	00:00	N/A	N/A	N/A			100.00
NR222039	220KV HAMIRPUR-NEHRIAN (HPSEB)-II	55.40	NR2	--	Sub Total -->				--	--	--	00:00	0:00	0:00	00:00	N/A	N/A	N/A			100.00
NR222040	220KV WAGOORA-KISHENGANGA-I	115.20	NR2	--	Sub Total -->				--	--	--	01:30	00:00	00:00	00:00	N/A	N/A	N/A			100.00
NR222041	220KV WAGOORA-KISHENGANGA-II	115.20	NR2	--	Sub Total -->				--	--	--	00:00	0:00	0:00	00:00	N/A	N/A	N/A			100.00
NR240001	400KV ABDULLAPUR-BAWANA-I	166.64	NR2	--	Sub Total -->				--	--	--	00:48	00:00	00:00	00:00	N/A	N/A	N/A	Line tripped on Y-N fault. FLR Abdullapur- 92.9kM.		100.00
					Sub Total -->				--	--	--	03:06	00:00	00:00	00:00	N/A	N/A	N/A	SD taken for removal of Kite and its thread at span no. 340-341.		99.48
NR240005	400KV Amritsar-Jalandhar	59.71	NR2	--	Sub Total -->				--	--	--	00:00	0:00	0:00	00:00	N/A	N/A	N/A			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						
NR240008	400KV Chamera-I-Chamera-II	36.16	NR2	--					--	--	--	00:00	00:00	00:00	00:00	N/A	N/A	N/A			
												0:00	0:00	0:00	0:00						100.00
NR240009	400KV CHAMERA2-KISHENPUR	134.81	NR2	--					--	--	--	00:00	00:00	00:00	09:15	N/A	N/A	N/A	SD taken by NHPC for installation & commissioning of numerical line protection relay at Chamera2.		
												00:00	00:00	00:00	09:32	N/A	N/A	N/A	SD taken by NHPC for installation & commissioning of numerical line protection relay at Chamera2.		
NR240010	400KV CHAMERA1-JALANDHAR-I	152.05	NR2	--					--	--	--	00:00	00:00	00:00	10:24	N/A	N/A	N/A	Line hand tripped for voltage regulation.		
												00:00	00:00	00:00	08:09	N/A	N/A	N/A	Line hand tripped for voltage regulation.		
												00:00	00:00	00:00	04:38	N/A	N/A	N/A	Line hand tripped for voltage regulation.		
												00:00	00:00	00:00	08:20	N/A	N/A	N/A	Line hand tripped for voltage regulation.		
												00:00	00:00	00:00	09:11	N/A	N/A	N/A	Line hand tripped for voltage regulation.		
												00:00	00:00	00:00	05:12	N/A	N/A	N/A	Line hand tripped for voltage regulation.		
												00:00	00:00	00:00	08:32	N/A	N/A	N/A	Line hand tripped for voltage regulation.		
NR240011	400KV CHAMERA1-JALANDHAR-II	152.05	NR2	--					--	--	--	00:00	00:00	00:00	07:53	N/A	N/A	N/A	Line hand tripped for voltage regulation.		
												00:00	00:00	00:00	09:32	N/A	N/A	N/A	Line hand tripped for voltage regulation.		
												00:00	00:00	00:00	10:32	N/A	N/A	N/A	Line hand tripped for voltage regulation.		
												00:00	00:00	00:00	10:05	N/A	N/A	N/A	Line hand tripped for voltage regulation.		
												00:00	00:00	00:00	08:49	N/A	N/A	N/A	Line hand tripped for voltage regulation.		
NR240013	400KV DULHASTI-KISHENPUR-I	119.72	NR2	--					--	--	--	32:38	00:00	00:00	00:00	N/A	N/A	N/A	SD taken to rectify damaged cross arm at Location no-211.		
												00:00	00:00	00:00	02:05	N/A	N/A	N/A	SD works completed by POWERGRID but charging delayed by NHPC due to Line Isolator Closing problem at Dalashti PS.		
NR240018	400KV Jalandhar-Moga-I	85.15	NR2	--					--	--	--	00:00	00:00	00:00	00:00	N/A	N/A	N/A			95.61
NR240019	400KV Jalandhar-Moga-II	85.15	NR2	--					--	--	--	00:00	00:00	00:00	00:00	N/A	N/A	N/A			100.00
NR240023	400KV Malerkotla-Patiala	62.48	NR2	--					--	--	--	00:00	00:00	00:00	00:00	N/A	N/A	N/A			100.00
NR240024	400KV Moga-Hissar	209.39	NR2	--					--	--	--	00:00	00:00	00:00	00:00	N/A	N/A	N/A			100.00
NR240025	400KV Moga-Fatehabad	179.281	NR2	--					--	--	--	00:00	00:00	00:00	00:00	N/A	N/A	N/A			100.00
NR240027	400KV Nalagarh-Patiala-II	93.78	NR2	--					--	--	--	00:00	00:00	00:00	00:00	N/A	N/A	N/A			100.00
NR240030	400KV URI-WAGOOORA-I	94.99	NR2	--					--	--	--	00:00	00:00	00:00	00:00	N/A	N/A	N/A			100.00
NR240032	800KV KISHENPUR-MOGA-I	275.38	NR2	--					--	--	--	00:00	00:00	00:00	00:00	N/A	N/A	N/A			100.00
NR240033	800KV KISHENPUR-MOGA-II	287.12	NR2	--					--	--	--	00:00	00:00	00:00	00:00	N/A	N/A	N/A			100.00
NR240034	400KV JALANDHAR - LUDHIANA	84.77	NR2	--					--	--	--	00:00	00:00	00:00	00:00	N/A	N/A	N/A			100.00
NR240035	400KV LUDHIANA - MALERKOTLA	35.735	NR2	--					--	--	--	00:00	00:00	00:00	00:00	N/A	N/A	N/A			100.00
NR240046	400KV Nalagarh-Patiala-I	93.78	NR2	--					--	--	--	00:00	00:00	00:00	00:00	N/A	N/A	N/A			100.00
NR240048	400KV LUDHIANA-PATIALA-I		NR2	--					--	--	--	03:40	00:00	00:00	00:00	N/A	N/A	N/A	SD taken for tree lopping works in reserved forest area.		
NR240049	400KV Ludhiana - Patiala -II	78	NR2	--					--	--	--	3:40	0:00	0:00	0:00						99.51
NR240050	400KV Chamera-II - Chamba	0.375	NR2	--					--	--	--	00:00	00:00	00:00	00:00	N/A	N/A	N/A			100.00
NR240051	400KV URI 2-WAGOOORA	105	NR2	--					--	--	--	02:11	00:00	00:00	00:00	N/A	N/A	N/A	SD taken to attend hot spot at Loc no 263.		
NR240052	400KV Uri-I - Uri-II	10.45	NR2	--					--	--	--	2:11	0:00	0:00	0:00						100.00
NR240053	400KV Nalagarh-Banala	47.264	NR2	--					--	--	--	00:00	00:00	00:00	00:00	N/A	N/A	N/A			100.00









Unique ID of transmission Element	Element Name	Description (Length/No./MVA/MVAR/M.W/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						
NR240124	400KV DULHASTI-KISHENPUR-II	119.44	NR2	--					--	--	--	83:34	0:00	0:00	0:00	316:17	N/A	N/A	N/A	SD taken for shifting the line on ERS at location no.246 as tower leg got bent/ buckled.	100.00
NR240125	400KV URI 1 - AMARGARH - I	61.95	NR2	--					--	--	--	00:00	0:00	0:00	0:00	0:00	N/A	N/A	N/A		88.77
NR240126	400KV AMARGARH - WAGOORA - I	39.34	NR2	--					--	--	--	00:00	0:00	0:00	0:00	0:00	N/A	N/A	N/A		100.00
NR240127	400KV URI 1 - AMARGARH - II	61.95	NR2	--					--	--	--	00:00	0:00	0:00	0:00	0:00	N/A	N/A	N/A		100.00
NR240128	400KV AMARGARH - WAGOORA - II	39.34	NR2	--					--	--	--	00:00	0:00	0:00	0:00	0:00	N/A	N/A	N/A		100.00
NR240129	400KV PANCHKULA-GUMMA CKT-II	111.50	NR2	--					--	--	--	00:00	0:00	0:00	0:00	0:00	N/A	N/A	N/A		100.00
NR240130	400KV GUMMA-NATHPA JHAKRI - II	56.99	NR2	--					--	--	--	00:00	0:00	0:00	0:00	0:00	N/A	N/A	N/A		100.00
NR276504	765KV MEERUT-MOGA	337.5	NR2	--					--	--	--	00:00	0:00	0:00	0:00	0:00	N/A	N/A	N/A	Line hand tripped for voltage regulation.	100.00
												00:00	0:00	0:00	0:00	07:34	N/A	N/A	N/A	Line hand tripped for voltage regulation.	
												00:00	0:00	0:00	0:00	10:15	N/A	N/A	N/A	Line hand tripped for voltage regulation.	
												00:00	0:00	0:00	0:00	11:09	N/A	N/A	N/A	Line hand tripped for voltage regulation.	
												00:00	0:00	0:00	0:00	11:34	N/A	N/A	N/A	Line hand tripped for voltage regulation.	
												00:00	0:00	0:00	0:00	09:20	N/A	N/A	N/A	Line hand tripped for voltage regulation.	
												00:00	0:00	0:00	0:00	08:12	N/A	N/A	N/A	Line hand tripped for voltage regulation.	
												00:00	0:00	0:00	0:00	19:16	N/A	N/A	N/A	Line hand tripped for voltage regulation.	
												00:00	0:00	0:00	0:00	54:21	N/A	N/A	N/A	Line hand tripped for voltage regulation.	
												00:00	0:00	0:00	0:00	57:31	N/A	N/A	N/A	Line hand tripped for voltage regulation.	
												00:00	0:00	0:00	0:00	34:47	N/A	N/A	N/A	Line hand tripped for voltage regulation.	
												00:00	0:00	0:00	0:00	06:57	N/A	N/A	N/A	Line hand tripped for voltage regulation.	
												00:00	0:00	0:00	0:00	11:15	N/A	N/A	N/A	Line hand tripped for voltage regulation.	
												00:00	0:00	0:00	0:00	38:48	N/A	N/A	N/A	Line hand tripped for voltage regulation.	
												00:00	0:00	0:00	0:00	07:17	N/A	N/A	N/A	Line hand tripped for voltage regulation.	
												00:00	0:00	0:00	0:00	11:32	N/A	N/A	N/A	Line hand tripped for voltage regulation.	
												00:00	0:00	0:00	0:00	15:01	N/A	N/A	N/A	Line hand tripped for voltage regulation.	
												00:00	0:00	0:00	0:00	101:34	N/A	N/A	N/A	Line hand tripped for voltage regulation.	
NR2BRT01	ABDULLAPUR 50MVAR BUS REACTOR	50	NR2	--					--	--	--	00:00	0:00	0:00	0:00	0:00	N/A	N/A	N/A		100.00
NR2BRT02	Fatehabad 80 MVAR Bus Reactor	80	NR2	--					--	--	--	00:00	0:00	0:00	0:00	0:00	N/A	N/A	N/A		100.00
NR2BRT04	KISHENPUR 63MVAR BUS REACTOR-I	63	NR2	--					--	--	--	00:00	0:00	0:00	0:00	31:16	N/A	N/A	N/A	B/R hand tripped for voltage regulation.	100.00
NR2BRT05	MALERKOTLA 50MVAR BUS REACTOR	50	NR2	--					--	--	--	00:00	0:00	0:00	0:00	0:00	N/A	N/A	N/A		100.00
NR2BRT06	MOGA 50MVAR BUS REACTOR	50	NR2	--					--	--	--	00:00	0:00	0:00	0:00	0:00	N/A	N/A	N/A		100.00
NR2BRT07	NALAGARH 50MVAR BUS REACTOR	50	NR2	--					--	--	--	00:00	0:00	0:00	0:00	0:00	N/A	N/A	N/A		100.00
NR2BRT08	WAGOORA 50MVAR BUS REACTOR-I	50	NR2	--					--	--	--	00:00	0:00	0:00	0:00	662:07	N/A	N/A	N/A	B/R hand tripped for voltage regulation.	100.00
NR2BRT09	Ludhiana 80 MVAR Bus Reactor	80	NR2	--					--	--	--	00:00	0:00	0:00	0:00	0:00	N/A	N/A	N/A		100.00
NR2BRT10	50 MVAR Kaithal Switchable L/R on on Kaithal - Bagpat Line -I	50	NR2	--					--	--	--	00:00	0:00	0:00	0:00	0:00	N/A	N/A	N/A		100.00
NR2BRT11	50 MVAR Kaithal Switchable L/R on on Kaithal - Bagpat Line -II	50	NR2	--					--	--	--	00:00	0:00	0:00	0:00	0:00	N/A	N/A	N/A		100.00
NR2BRT12	Abdullapur 125 MVAR Bus Reactor	125	NR2	--					--	--	--	00:00	0:00	0:00	0:00	0:00	N/A	N/A	N/A		100.00
NR2BRT14	Kaithal 80 MVAR Bus Reactor	80	NR2	--					--	--	--	00:00	0:00	0:00	0:00	0:00	N/A	N/A	N/A		100.00
NR2BRT15	Patiala 125 MVAR Bus Reactor	125	NR2	--					--	--	--	00:00	0:00	0:00	0:00	0:00	N/A	N/A	N/A		100.00
NR2BRT16	Chamba 80 MVAR Bus Reactor	80	NR2	--					--	--	--	00:00	0:00	0:00	0:00	0:00	N/A	N/A	N/A		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						
												00:00	00:00	00:00	11:11	N/A	N/A	N/A	Pole hand tripped for voltage regulation.		
												00:00	00:00	00:00	09:23	N/A	N/A	N/A	Pole hand tripped for voltage regulation.		
												00:00	00:00	00:00	10:42	N/A	N/A	N/A	Pole hand tripped for voltage regulation.		
												00:00	00:00	00:00	09:14	N/A	N/A	N/A	Pole hand tripped for voltage regulation.		
												00:00	00:00	00:00	10:40	N/A	N/A	N/A	Pole hand tripped for voltage regulation.		
											Sub Total -->	75:43	0:00	0:00	89:06						89.82