Standard of Performance data for the month of September-2022

Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., NORTHERN REGION-II

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	50MVAR,BUS REACTOR-1 AT ABDULLAPUR	SVRD	01/09/22	00:00:01	23/09/22	03:19:00	22.14	0.00	0.00	0.00	531.32		* B/R hand tripped for voltage regulation. NR 2208-322
							22.14	0.00	0.00	0.00	531.32	100.00	
BSR	125MVAR,BUS REACTOR-2 AT ABDULLAPUR	SVRD	01/09/22	00:00:01	16/09/22	03:18:00	15.14	0.00	0.00	0.00	363.30		* B/R hand tripped for voltage regulation. NR 2208-2151
							15.14	0.00	0.00	0.00	363.30	100.00	
BSR	80MVAR,BUS REACTOR-1 AT AMRITSAR	SVRD	01/09/22	00:00:01	24/09/22	02:06:00	23.09	0.00	0.00	0.00	554.10		* B/R hand tripped for voltage regulation. NR 2206-3683
							23.09	0.00	0.00	0.00	554.10	100.00	
BSR	80MVAR,BUS REACTOR-1 AT BANALA	SVRD	01/09/22	00:00:01	25/09/22	16:13:00	24.68	0.00	0.00	0.00	592.22		* B/R hand tripped for voltage regulation. NR 2206-3851
							24.68	0.00	0.00	0.00	592.22	100.00	
BSR	80MVAR,BUS REACTOR-1 AT CHAMBA	SVRD	01/09/22	00:00:01	25/09/22	16:52:00	24.70	0.00	0.00	0.00	592.87		* B/R hand tripped for voltage regulation. NR 2207-1184
							24.70	0.00	0.00	0.00	592.87	100.00	
BSR	63MVAR,BUS REACTOR-1 AT DEHAR	SVRD	01/09/22	00:00:01	30/09/22	23:59:59	30.00	0.00	0.00	0.00	720.00		* B/R hand tripped for voltage regulation. NR 2206-3841
							30.00	0.00	0.00	0.00	720.00	100.00	
BSR	63MVAR,BUS REACTOR-2 AT DEHAR	SVRD	01/09/22	00:00:01	30/09/22	23:59:59	30.00	0.00	0.00	0.00	720.00		* B/R hand tripped for voltage regulation. NR 2206-3842
							30.00	0.00	0.00	0.00	720.00	100.00	
BSR	80MVAR,BUS REACTOR-1 AT FATEHABAD	SVRD	01/09/22	00:00:01	23/09/22	03:26:00	22.14	0.00	0.00	0.00	531.43		* B/R hand tripped for voltage regulation.
							22.14	0.00	0.00	0.00	531.43	100.00	
BSR	80MVAR,BUS REACTOR-1 AT HAMIRPUR	SVRD	01/09/22	00:00:01	25/09/22	16:56:00	24.71	0.00	0.00	0.00	592.93		* B/R hand tripped for voltage regulation. NR 2205-2568
							24.71	0.00	0.00	0.00	592.93	100.00	
BSR	25MVAR,BUS REACTOR-1 AT JALANDHAR			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	
BSR	125MVAR,BUS REACTOR-1 AT JALANDHAR			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	
BSR	25MVAR,BUS REACTOR-2 AT JALANDHAR			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	
BSR	125MVAR,BUS REACTOR-2 AT JALANDHAR	SVRD	08/09/22	10:55:00	16/09/22	05:08:00	7.76	0.00	0.00	0.00	186.22		* Bus reactor hand tripped for voltage reg
							7.76	0.00	0.00	0.00	186.22	100.00	
BSR	80MVAR,BUS REACTOR-1 AT KAITHAL	SVRD	01/09/22	00:00:01	22/09/22	06:02:00	21.25	0.00	0.00	0.00	510.03		* Bus Reactor hand tripped for Voltage regulation
							21.25	0.00	0.00	0.00	510.03	100.00	
BSR	125MVAR,BUS REACTOR-2 AT KAITHAL	SVRD	01/09/22	00:00:01	22/09/22	06:02:00	21.25	0.00	0.00	0.00	510.03		* Bus Reactor hand tripped for Voltage regulation
							21.25	0.00	0.00	0.00	510.03	100.00	
BSR	25MVAR,BUS REACTOR-1 AT KISHENPUR	OSFT	13/09/22	15:15:00	13/09/22	18:17:00	0.13	3.03	0.00	0.00	0.00		* OSFT SD taken for attend oil leakage. NR 2209-2256
							0.13	3.03	0.00	0.00	0.00	99.58	
BSR	63MVAR,BUS REACTOR-1 AT KISHENPUR	SVRD	01/09/22	00:00:01	30/09/22	23:59:59	30.00	0.00	0.00	0.00	720.00		* B/R kept open for voltage regulation. NR 2205-1503
							30.00	0.00	0.00	0.00	720.00	100.00	
BSR	80MVAR,BUS REACTOR-2 AT KISHENPUR	SVRD	01/09/22	00:00:01	30/09/22	23:59:59	30.00	0.00	0.00	0.00	720.00		* B/R kept open for voltage regulation. NR 2205-1501
							30.00	0.00	0.00	0.00	720.00	100.00	
BSR	125MVAR,BUS REACTOR-3 AT KISHENPUR	SVRD	01/09/22	00:00:01	30/09/22	23:59:59	30.00	0.00	0.00	0.00	720.00		* SVRD B/R hand tripped for voltage regulation. NR 2208-3333
							30.00	0.00	0.00	0.00	720.00	100.00	
BSR	80MVAR,BUS REACTOR-1 AT LUDHIANA	SVRD	01/09/22	00:00:01	24/09/22	02:28:00	23.10	0.00	0.00	0.00	554.47		* B/R hand tripped for voltage regulation. NR 2206-2377
							23.10	0.00	0.00	0.00	554.47	100.00	
BSR	50MVAR,BUS REACTOR-1 AT MALERKOTLA	SVRD	01/09/22	00:00:01	16/09/22	05:22:00	15.22	0.00	0.00	0.00	365.37		* B/R hand tripped for voltage regulation. NR 2208-161
							15.22	0.00	0.00	0.00	365.37	100.00	
BSR	50MVAR,BUS REACTOR-1 AT MOGA	SVRD	01/09/22	00:00:01	25/09/22	16:18:00	24.68	0.00	0.00	0.00	592.30		* B/R hand tripped for voltage regulation. NR 2207-821
							24.68	0.00	0.00	0.00	592.30	100.00	
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	08/09/22	10:27:00	08/09/22	15:48:00	0.22	0.00	0.00	0.00	5.35		* Bus reactor hand tripped for voltage regulation
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	09/09/22	09:29:00	09/09/22	15:33:00	0.25	0.00	0.00	0.00	6.07		* Bus reactor hand tripped for voltage regulation.
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	05/09/22	11:04:00	05/09/22	16:12:00	0.21	0.00	0.00	0.00	5.13		* B/R hand tripped for voltage regulation. "NR 2209-735* NLDC/342"
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	10/09/22	10:48:00	10/09/22	15:19:00	0.19	0.00	0.00	0.00	4.52		* B/R hand tripped for voltage regulation. "NR 2209-1720* NLDC/807"
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	12/09/22	10:57:00	12/09/22	15:55:00	0.21	0.00	0.00	0.00	4.97		* B/R HANDTRIPPED FOR VR. 2045/954
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	17/09/22	10:09:00	17/09/22	14:55:00	0.20	0.00	0.00	0.00	4.77		* B/R hand tripped for voltage regulation. "NR 2209-2981* NLDC/1369"
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	16/09/22	10:23:00	16/09/22	15:45:00	0.22	0.00	0.00	0.00	5.37		* B/R hand tripped for voltage regulation. "NR 2209-2813* NLDC/1307"
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	18/09/22	10:39:00	18/09/22	15:36:00	0.21	0.00	0.00	0.00	4.95		* B/R hand tripped for voltage regulation. "NR 2209-3111* NLDC/1429
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	06/09/22	10:17:00	06/09/22	17:06:00	0.28	0.00	0.00	0.00	6.82		* NR-928, BR opened on viltage regulation.
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	14/09/22	10:15:00	14/09/22	13:13:00	0.12	0.00	0.00	0.00	2.97		* SVRD B/R hand tripped for voltage regulation. "NR 2209-2403* NLDC/1021"
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	02/09/22	10:34:00	04/09/22	16:55:00	2.27	0.00	0.00	0.00	54.35		* B/R hand tripped for voltage regulation. "NR 2209-243* NLDC/113"

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	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	19/09/22	11:00:00	19/09/22	15:46:00	0.20	0.00	0.00	0.00	4.77		* BR hand tripped on voltage regulation. nr- 3261, nl- 1497
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	20/09/22	10:38:00	20/09/22	17:19:00	0.28	0.00	0.00	0.00	6.68		* B/R hand tripped for voltage regulation. "NR 2209-3423* NLDC/1586"
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	30/09/22	10:15:00	30/09/22	14:26:00	0.17	0.00	0.00	0.00	4.18		* SVRD Bus Reactor-1 hand tripped on voltage regulation. NR-5176
							5.03	0.00	0.00	0.00	120.90	100.00	
BSR	240MVAR,BUS REACTOR-2 AT MOGA	SVRD	30/09/22	11:49:00	30/09/22	15:05:00	0.14	0.00	0.00	0.00	3.27		* SVRD B/R hand tripped for voltage regulation. "NR 2209-5194* NLDC/2398"
BSR	240MVAR,BUS REACTOR-2 AT MOGA	SVRD	13/09/22	10:46:00	13/09/22	15:53:00	0.21	0.00	0.00	0.00	5.12		* B/R hand tripped for voltage regulation. "NR 2209-2233* NLDC/1037"
BSR	240MVAR,BUS REACTOR-2 AT MOGA	SVRD	03/09/22	09:15:00	03/09/22	16:30:00	0.30	0.00	0.00	0.00	7.25		* B/R hand tripped for voltage regulation. "NR 2209-392* NLDC/179"
BSR	240MVAR,BUS REACTOR-2 AT MOGA	SVRD	21/09/22	10:35:00	22/09/22	15:47:00	1.22	0.00	0.00	0.00	29.20		* B/R hand tripped for voltage regulation.* "NR 2209-3582* NLDC/1666"
BSR	240MVAR,BUS REACTOR-2 AT MOGA	SVRD	07/09/22	10:07:00	07/09/22	17:14:00	0.30	0.00	0.00	0.00	7.12		* NR-1090,Bus reactor-2 hand tripped for voltage regulation.
BSR	240MVAR,BUS REACTOR-2 AT MOGA	SVRD	11/09/22	11:42:00	11/09/22	15:25:00	0.16	0.00	0.00	0.00	3.72		* B/R hand tripped for voltage regulation. "NR 2209-1882* NLDC/877"
							2.33	0.00	0.00	0.00	55.68	100.00	
BSR	50MVAR,BUS REACTOR-1 AT NALAGARH	SVRD	01/09/22	00:00:01	24/09/22	02:56:00	23.12	0.00	0.00	0.00	554.93		* B/R hand tripped for voltage regulation. NR 2204-4536
							23.12	0.00	0.00	0.00	554.93	100.00	
BSR	125MVAR,BUS REACTOR-2 AT NALAGARH	SVRD	01/09/22	00:00:01	24/09/22	03:00:00	23.13	0.00	0.00	0.00	555.00		* B/R hand tripped for voltage regulation. NR 2206-2378
							23.13	0.00	0.00	0.00	555.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT PATIALA	SVRD	01/09/22	00:00:01	24/09/22	02:25:00	23.10	0.00	0.00	0.00	554.42		* B/R hand tripped for voltage regulation. NR 2208-160
							23.10	0.00	0.00	0.00	554.42	100.00	
BSR	125MVAR,BUS REACTOR-2 AT PATIALA	SVRD	01/09/22	00:00:01	24/09/22	02:25:00	23.10	0.00	0.00	0.00	554.42		* B/R hand tripped on voltage regulation.NR 2207-1333
							23.10	0.00	0.00	0.00	554.42	100.00	
BSR	25MVAR,BUS REACTOR-1 AT LEH GIS	SVRD	01/09/22	00:00:01	30/09/22	23:59:59	30.00	0.00	0.00	0.00	720.00		* B/R hand tripped for voltage regulation. NR 2208-144
							30.00	0.00	0.00	0.00	720.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT PANCHKULA	SVRD	01/09/22	00:00:01	16/09/22	05:09:00	15.22	0.00	0.00	0.00	365.15		* B/R hand tripped for voltage regulation. NR 2206-3697
							15.22	0.00	0.00	0.00	365.15	100.00	
BSR	125MVAR,BUS REACTOR-2 AT PANCHKULA	SVRD	01/09/22	00:00:01	23/09/22	03:45:00	22.16	0.00	0.00	0.00	531.75		* B/R hand tripped for voltage regulation. NR 2208-2567
							22.16	0.00	0.00	0.00	531.75	100.00	
BSR	80MVAR,BUS REACTOR-1 AT SAMBA	SVRD	01/09/22	00:00:01	25/09/22	07:03:00	24.29	0.00	0.00	0.00	583.05		* B/R hand tripped for voltage regulation. NR 2206-2381
							24.29	0.00	0.00	0.00	583.05	100.00	
BSR	50MVAR,BUS REACTOR-1 AT WAGOORA	OSFT	14/09/22	16:02:00	14/09/22	16:32:00	0.02	0.50	0.00	0.00	0.00		* SD taken to attend sf6 gas low alarm in 40252 RE CB.
							0.02	0.50	0.00	0.00	0.00	99.93	
BSR	50MVAR,BUS REACTOR-2 AT WAGOORA			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	
BSR	50MVAR,BUS REACTOR-3 AT WAGOORA			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	
BSR	125MVAR,BUS REACTOR-1 AT NEW WANPOH	SVRD	19/09/22	12:47:00	25/09/22	00:00:01	5.47	0.00	0.00	0.00	131.22		* 125MVAR BR out on Voltage Regulation; NR/3271
BSR	125MVAR,BUS REACTOR-1 AT NEW WANPOH	SVRD	01/09/22	00:00:01	16/09/22	03:29:00	15.15	0.00	0.00	0.00	363.48		* SVRD B/R hand tripped for voltage regulation. NR 2208-542
							20.62	0.00	0.00	0.00	494.70	100.00	
CKT	132kV MAHANPUR(JKPDD)-KATHUA(JKPDD)			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	132kV SEWA2(NHPC)-HIRANAGAR(JKPDD)-1	SEFU	01/09/22	17:12:00	01/09/22	20:50:00	0.15	0.00	3.63	0.00	0.00		* Line tripped due to R phase PT failure of 132KV main Bus at Hiranagar SS. NR 2209-164
							0.15	0.00	3.63	0.00	0.00	100.00	
CKT	132kV SEWA2(NHPC)-HIRANAGAR(JKPDD)-2	SEFU	01/09/22	17:12:00	01/09/22	20:50:00	0.15	0.00	3.63	0.00	0.00		* Line tripped due to R phase PT failure of 132KV main Bus at Hiranagar SS. NR 2209-165
							0.15	0.00	3.63	0.00	0.00	100.00	
CKT	132kV SEWA2(NHPC)-KATHUA(JKPDD)			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	132kV SEWA2(NHPC)-MAHANPUR(JKPDD)-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	220kV BAIRASIUL(NHPC)-JESSORE(HPPTCL)	OSFT	14/09/22	15:01:00	14/09/22	17:12:00	0.09	2.18	0.00	0.00	0.00		* SD taken for attend the hot spot at Loc No. 37 (Y-Ph) <(>&<)> Loc No. 39 (B-Ph) at jumper connector. NR 2209-2433
							0.09	2.18	0.00	0.00	0.00	99.70	
CKT	220kV BAIRASIUL(NHPC)-PONG(BBMB)	OSFT	16/09/22	12:26:00	16/09/22	16:45:00	0.18	4.32	0.00	0.00	0.00		* SD taken to attend the hot spot at Loc No. 39 (R-Ph) at jumper connector. NR 2209-2842
							0.18	4.32	0.00	0.00	0.00	99.40	
CKT	220kV CHAMERA3(NHPC)-CHAMBA-1	LNCC	25/09/22	12:15:00	25/09/22	14:19:00	0.09	0.00	0.00	2.07	0.00		* Line tripped on Y-N fault due to heavy rain and Bad weather.FLR chamba: Iy=6.724 kA FL=4.038km.
							0.09	0.00	0.00	2.07	0.00	100.00	

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CKT	220kV CHAMERA3(NHPC)-CHAMBA-2	SRMU	25/09/22	12:15:00	25/09/22	13:21:00	0.05	0.00	1.10	0.00	0.00		* Line Auto reclosed succesfully from Chamba but tripped from Chamera 3 end .FLR chamba: Iy=5.989 kA FL=4.072km.
							0.05	0.00	1.10	0.00	0.00	100.00	
CKT	220KV-DRASS ALUSTENG CKT 1	LEFT	10/09/22	23:06:00	11/09/22	20:56:00	0.91	21.83	0.00	0.00	0.00		* Line tripped on Y-N fault.FLR Drass:55.38km,Iy=537A,FLR Alustang:Iy=2.2KA.
CKT	220KV-DRASS ALUSTENG CKT 1	LNCC	10/09/22	13:21:00	10/09/22	21:59:00	0.36	0.00	0.00	8.63	0.00		* SD taken for rectification of loose nut <(>&<)> bolt at loc. No.-327 and repair of damaged dead end jumper cone. NR 2209-1724
							1.27	21.83	0.00	8.63	0.00	96.93	
CKT	220KV-DRASS KARGIL CKT1			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	220kV HAMIRPUR-HAMIRPUR(HPSEB)-1	OSFT	22/09/22	16:18:00	22/09/22	17:24:00	0.05	1.10	0.00	0.00	0.00		* SD taken for checking of sudden drop in SF6 pressure has been observed in Bay 201 at Hamirpur PG end.NR2209-3824
							0.05	1.10	0.00	0.00	0.00	99.85	
CKT	220kV HAMIRPUR-HAMIRPUR(HPSEB)-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	220KV-HAMIRPUR(PG)-NEHRIAN(HP)-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	220KV-HAMIRPUR(PG)-NEHRIAN(HP)-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	220KV-HIRANAGAR(JKPDD)-SAMBA-1	SEFU	01/09/22	17:12:00	01/09/22	20:44:00	0.15	0.00	3.53	0.00	0.00		* Line tripped from Hiranagar end only due to R phase PT failure of 132KV main Bus at Hiranagar SS. NR 2209-162
							0.15	0.00	3.53	0.00	0.00	100.00	
CKT	220KV_JALLANDHAR-DASUA_PSTCL-1	OSPD	29/09/22	10:19:00	29/09/22	19:24:00	0.38	0.00	0.00	0.00	9.08		* SD taken by PSTCL for maintenance works at Dasuya. NR 2209-4994
							0.38	0.00	0.00	0.00	9.08	100.00	
CKT	220KV JALLANDHAR-DASUA PSTCL-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	220KV-JALANDHAR-NEHRIAN(HPSEB)-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	220KV-JALANDHAR-NEHRIAN(HPSEB)-2	LART	25/09/22	23:21:00	25/09/22	23:21:00	0.00	0.00	0.00	0.00	0.00		* LART Line auto reclosed on Y-N fault. FLR Jalandhar: Iy=3.811kA FL=48.321kM, FLR Nehrian: Y-N fault, 3.507kA, 25.986kM. ---
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV JAMMU(JKPDD)-SAMBA	OSFT	08/09/22	10:57:00	08/09/22	13:41:00	0.11	2.73	0.00	0.00	0.00		* 220KV Samba-Jammu line taken under shut down attending hot spot in R <(>&<)> Y phase dropper at Jammu end.
							0.11	2.73	0.00	0.00	0.00	99.62	
CKT	220kV JESSORE(HPPTCL)-PONG(BBMB)	OSFD	27/09/22	10:50:00	27/09/22	14:47:00	0.17	0.00	0.00	0.00	3.95		* SD taken by HPPTCL to attend Hot Spot in LILO portion of HPPTCL.* NR 2209-4567
							0.17	0.00	0.00	0.00	3.95	100.00	
CKT	220KV-KARGIL KHALSTI CKT 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	220kV KISHANGANGA(NHPC)-DELINA(JKPDD)-1	OSPD	07/09/22	14:30:00	07/09/22	18:23:00	0.16	0.00	0.00	0.00	3.88		* SD taken by JKPTCL for attending hotspot on Main Bus at Delina JKPTCL S/S. NR 2209-1138
							0.16	0.00	0.00	0.00	3.88	100.00	
CKT	220kV KISHANGANGA(NHPC)-DELINA(JKPDD)-2	OSPD	07/09/22	14:31:00	07/09/22	18:22:00	0.16	0.00	0.00	0.00	3.85		* SD taken by JKPTCL for attending hotspot on Main Bus at Delina JKPTCL S/S. NR 2209-1137
							0.16	0.00	0.00	0.00	3.85	100.00	
CKT	220kV KISHENPUR-SARNA(PSTCL)-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	220kV KISHENPUR-SARNA(PSTCL)-2	OSFT	28/09/22	18:11:00	28/09/22	20:26:00	0.09	2.25	0.00	0.00	0.00		* OSFT SD taken to attend hotspot in connector of R-Phase at Kishenpur S/S. NR 2209-4897
							0.09	2.25	0.00	0.00	0.00	99.69	
CKT	220KV-PHYANG KHALTSE CKT 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	220kV SALAL(NHPC)-JAMMU(JKPDD)-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	220KV-SALAL(NHPC)-JAMMU(JKPDD)-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	220KV-SALAL(NHPC)-KISHENPUR-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	220KV-SALAL(NHPC)-KISHENPUR-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	220KV-SALAL(NHPC)-KISHENPUR-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		

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	220KV-SALAL(NHPC)-KISHENPUR-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	220kV SARNA(PSTCL)-DASUYA(PSTCL)-1	OSPT	27/09/22	10:48:00	27/09/22	22:52:00	0.50	12.07	0.00	0.00	0.00		* SD taken for AMP works of line equipments.* NR 2209-4585
							0.50	12.07	0.00	0.00	0.00	98.32	
CKT	220kV SARNA(PSTCL)-DASUYA(PSTCL)-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	220kV SARNA(PSTCL)-HIRANAGAR(JKPDD)	OSPD	07/09/22	13:43:00	21/09/22	17:46:00	14.17	0.00	0.00	0.00	340.05		* OSPD SD taken by JKPTCL for completion of twining works of reverse bus and replacement of line isolator at Hiranagar S/S. NR 2209-1133
							14.17	0.00	0.00	0.00	340.05	100.00	
CKT	220kV UDHAMPUR(JKPDD)-KISHENPUR-1	OSFD	12/09/22	17:44:00	12/09/22	19:51:00	0.09	0.00	0.00	0.00	2.12		* NR-2117 , SD taken by JKPTCL for rectification of damaged conductor of B-phase jumper of main bus at Udhamapur S/S
							0.09	0.00	0.00	0.00	2.12	100.00	
CKT	220kV UDHAMPUR(JKPDD)-KISHENPUR-2	OSFD	12/09/22	17:44:00	12/09/22	19:52:00	0.09	0.00	0.00	0.00	2.13		* NR-2116, SD taken by JKPTCL for rectification of damaged conductor of B-phase jumper of main bus at Udhamapur S/S
CKT	220kV UDHAMPUR(JKPDD)-KISHENPUR-2	OSFT	30/09/22	11:51:00	30/09/22	18:14:00	0.27	6.38	0.00	0.00	0.00		* OSFT SD taken to atttend hotspot in CT connector of Y-Phase at Udhampur S/S. NR 2209-5193
							0.36	6.38	0.00	0.00	2.13	99.11	
CKT	220KV-WAGOORA-KISHENGANGA(NHPC)-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	220KV-WAGOORA-KISHENGANGA(NHPC)-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	220kV WAGOORA-PAMPORE(JKPDD)-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	220kV WAGOORA-PAMPORE(JKPDD)-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 ABDULLAPUR-BAWANA(DTL)			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 ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	25/09/22	01:48:00	26/09/22	06:57:00	1.22	0.00	0.00	0.00	29.15		* LVRD Line hand tripped for voltage regulation. NR 2209-4180
							1.22	0.00	0.00	0.00	29.15	100.00	
CKT	400kV ABDULLAPUR-KURUKSHETRA-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 ABDULLAPUR-KURUKSHETRA-2	LART	13/09/22	05:15:00	13/09/22	05:15:00	0.00	0.00	0.00	0.00	0.00		* Line A/R on B-N fault. FLR Abdullapur: 42.41kM, 10.21kA ----
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV AMRITSAR-JALANDHAR-1	LART	21/09/22	05:33:00	21/09/22	05:33:00	0.00	0.00	0.00	0.00	0.00		* Line auto-reclosed on Y-N fault. FLR Amritsar (AFAS)-44.68KM 6.6KA, FLR Jalandhar(AFAS)-17.27KM 13.54KA.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV AMRITSAR-JALANDHAR-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 BANALA-AMRITSAR-1	OSFT	02/09/22	10:10:00	02/09/22	12:48:00	0.11	2.63	0.00	0.00	0.00		* SD taken for attending decaped porcelain pilot Insulator string at Loc. No. 39.
							0.11	2.63	0.00	0.00	0.00	99.63	
CKT	400kV BANALA-HAMIRPUR	OSFT	01/09/22	10:00:00	01/09/22	13:37:00	0.15	3.62	0.00	0.00	0.00		* SD taken for attending decaped porcelain pilot Insulator string at Loc. No. 08 NR 2209-37
							0.15	3.62	0.00	0.00	0.00	99.50	
CKT	400kV BANALA-KOLDAM(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 NALAGARH-BANALA			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 BHIWANI(BBMB)-RAJPURA(PSTCL)			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 CHAMBA-JALLANDHAR-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 CHAMBA-JALLANDHAR-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 CHAMERA1(NHPC)-JALLANDHAR-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 CHAMERA1(NHPC)-JALLANDHAR-2	LART	13/09/22	04:47:00	13/09/22	04:47:00	0.00	0.00	0.00	0.00	0.00		* Line A/R on B-N fault. FLR Jalandhar: 63.73kM, 5.85kA ----
CKT	400kV CHAMERA1(NHPC)-JALLANDHAR-2	OSFT	15/09/22	14:31:00	15/09/22	16:02:00	0.06	1.52	0.00	0.00	0.00		* SD taken for removing Kite thread in Span 233-234. NR 2209-2633

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
							0.06	1.52	0.00	0.00	0.00	99.79	
CKT	400kV CHAMERA2(NHPC)-CHAMBA			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 CHAMERA1(NHPC)-CHAMERA2(NHPC)			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 CHAMERA2(NHPC)-KISHENPUR	LART	19/09/22	12:38:00	19/09/22	12:38:00	0.00	0.00	0.00	0.00	0.00		* Line Auto reclosed on R-N fault. FLR Kishenpur: M1: 50.5km, Ir: 5.48kA, M2: 49.14km, Ir: 5.7kA
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV DEHAR(BBMB)-RAJPURA(PSTCL)			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 DEPALPUR(HVPNL)-BAWANA(DTL)			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 DULHASTI(NHPC)-KISHENPUR-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 DULHASTI(NHPC)-KISHENPUR-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 JALANDHAR-HAMIRPUR	OSPT	16/09/22	10:15:00	16/09/22	10:36:00	0.02	0.35	0.00	0.00	0.00		* SD taken to switch out non-switchable Line Reactor. NR 2209-2807
CKT	400kV JALANDHAR-HAMIRPUR	OSPT	16/09/22	21:32:00	16/09/22	22:09:00	0.03	0.62	0.00	0.00	0.00		* OSPT SD taken to switch in non-switchable Line Reactor at Hamirpur. NR 2209-2807
							0.05	0.97	0.00	0.00	0.00	99.87	
CKT	400kV JALANDHAR-LUDHIANA			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 JALLANDHAR-MOGA-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 JALLANDHAR-MOGA-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 KAITHAL-BAGPAT-1	OMST	18/09/22	11:19:00	18/09/22	16:08:00	0.20	4.82	0.00	0.00	0.00		* Line tripped due to DT received at Kaithal due to 400KV Bus-1 tripped at Bagpat SS. FLR Kaithal: 2.56kA, FL-NIL. Charging code NR2209/3146.
							0.20	4.82	0.00	0.00	0.00	99.33	
CKT	400kV KAITHAL-BAGPAT-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 KAITHAL-DADRI(NTPC)	LART	20/09/22	18:34:00	20/09/22	18:34:00	0.00	0.00	0.00	0.00	0.00		* Line Auto reclosed on B-N fault. FLR Kaithal (AFAS) M1: 72.223KM, Ib: 5.015kA, M2: 72.782kM, Ib: 6.36kA
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KAITHAL-MALERKOTLA			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 KAITHAL-PATRAN(TECHNO)-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 KAITHAL-PATRAN(TECHNO)-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 KISHENPUR-BAGLIHAR-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 KISHENPUR-SAMBA-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 KISHENPUR-SAMBA-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 KISHENPUR-NEW WANPOH-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 KISHENPUR-NEW WANPOH-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 KISHENPUR-NEW WANPOH-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 KISHENPUR-NEW WANPOH-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 KOLDAM(NTPC)-NALAGARH-2	OSFD	12/09/22	17:51:00	13/09/22	18:22:00	1.02	0.00	0.00	0.00	24.52		* NR2209-2124 , SD taken by NTPC for replacement of failure LA at Koldam S/S.
							1.02	0.00	0.00	0.00	24.52	100.00	
CKT	400kV KURUKSHETRA-JALANDHAR			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 KURUKSHETRA-JIND-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 KURUKSHETRA-JIND-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 KURUKSHETRA-NAKODAR(PSTCL)	LVRD	24/09/22	14:34:00	30/09/22	09:46:00	5.80	0.00	0.00	0.00	139.20		* Line opened on Voltage Regulation NR-2209-4114, RT-426

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
							5.80	0.00	0.00	0.00	139.20	100.00	
CKT	400kV KURUKSHETRA-SONIPAT-1	LVRD	23/09/22	03:16:00	25/09/22	21:05:00	2.74	0.00	0.00	0.00	65.82		* Line hand tripped for voltage regulation. "NR 2209-3886* "
							2.74	0.00	0.00	0.00	65.82	100.00	
CKT	400kV KURUKSHETRA-SONIPAT-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 MALERKOTLA-LUDHIANA			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 MOGA-FATEHABAD			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 MOGA-HISAR-1	LCSD	13/09/22	08:54:00	13/09/22	23:14:00	0.60	0.00	0.00	0.00	14.33		* SD taken for SS 34 by-passing works at Hisar SS. NR 2209-2191
							0.60	0.00	0.00	0.00	14.33	100.00	
CKT	400kV MOGA-HISAR-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 MOGA-HISAR-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 NAKODAR(PSTCL)-JALLANDHAR			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 NALAGARH-PATIALA-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 NALAGARH-PATIALA-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_ NAPTHAJHAKRI-GUMMA-2	OSFD	17/09/22	14:54:00	17/09/22	17:41:00	0.12	0.00	0.00	0.00	2.78		* SD taken by HPPTCL to attend sparking in HPPTCL LILO portion of line at tower no. 6. NR 2209-3011
							0.12	0.00	0.00	0.00	2.78	100.00	
CKT	400kV NATHPAJHAKRI(SJVNL)-PANCHKULA-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 NATPAJHAKRI(SJVNL)-RAMPUR(SJVNL)-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 NATPAJHAKRI(SJVNL)-RAMPUR(SJVNL)-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 ABDULLAPUR-PANCHKULA-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 ABDULLAPUR-PANCHKULA-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 PANCHKULA-DEHAR(BBMB)			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 PANCHKULA-GUMMA(HPPTCL)-2	OMSU	17/09/22	17:02:00	17/09/22	17:02:00	0.00	0.00	0.00	0.00	0.00		* SD taken by HPPTCL for safety purpose to attend sparking at tower no. 6 in HPPTCL LILO portion of 400kV Nathpajhakri-Gumma ckt-2 as both 400kV Panchkula-Gumma ckt-2 <(>&<)> 400kV Gumma-Nathpajhakri ckt-2 are on same tower. After return of shut down by HPPTCL, charging attempt taken at 17:02 Hrs dated 17.09.2022 from Panchkula end vide NRLDC code NR 2209-3044 but line tripped of SOTF. FLR Panchkula: R-N fault, FL= 92kM, Ir=4kA. Again charging attempt taken at 18:47 Hrs dated 17.09.2022 on same code but line tripped on SOTF. FLR Gumma: R-N fault, Ir=8.8kA, FL=9.471kM. ----* 20.10.2022 13:31:57 INDIA Parvinder Kumar (60016809)* Duplicate entry

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 PANCHKULA-GUMMA(HPPTCL)-2	OSFD	17/09/22	14:54:00	22/09/22	17:26:00	5.11	0.00	0.00	0.00	122.53		* SD taken by HPPTCL for safety purpose to attend sparking in HPPTCL LILO portion at tower no. 6 of 400kV Nathpajhakri-Gumma ckt-2 as both 400kV Panchkula-Gumma ckt-2 <(>&<)> 400kV Gumma-Nathpajhakri ckt-2 are on same tower. NR 2209-3010* 05.10.2022 23:28:29 INDIA Parvinder Kumar (60016809)* 17.09.2022, 1702 Hrs:* After returning of Shutdown by HPPTCL, attempt was taken to charge the Line from Panchkulla but line did not hold and SOTF sensed by relay at Panchkulla end.* 17.06.2022, 1847 Hrs:* Attempt was taken to charge the Line from HPPTCL Gumma but again line tripped and SOTF was sensed by relay at Gumma* In the mean time, POWERGRID had submitted in writing clearance for POWERGRID portion of the Line.* 18.09.2022, 1732hrs:* Line successfully charged from Panchkulla after opening faulty phase jumpera at 110km from Panchkulla, segregating POWERGRID Line from HPPTCL portion of the line. R-Ph of the Line remain chared upto 111.00km from Panchkulla (POWERGRID portion) and Y <(>&<)> B remain charged upto HPPTCL Gumma.* 19.09.2022, at 2058 Hrs: (NRLDC code NR 2209-3357* Line succssfullay charged from Panchkulla after opening Line Jumpers at HPPTCL S/S Gumma.* Conclusion : As per mail recieved from NRLDC on 20.09.2022, line could not be charged due to high SO2 content in in R-Phase of G-13 compartment of 89B Isolator at Gumma(HP) .
CKT	400kV PANCHKULA-GUMMA(HPPTCL)-2	SRMU	10/09/22	14:31:00	10/09/22	15:11:00	0.03	0.00	0.67	0.00	0.00		* Line A/R on Y-N fault from Panchkula end and tripped from HPPTCL Gumma SS. FLR Panchkula: FL=32.2kM, Iy=5.983kA <(>&<)> FLR Gumma: FL=83.17, Iy=2.803kA.
							5.14	0.00	0.67	0.00	122.53	100.00	
CKT	400kV PANCHKULA-PANIPAT(BBMB)			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 PATIALA-LUDHIANA-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 PATIALA-LUDHIANA-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 PATIALA-MALERKOTLA	OSFT	23/09/22	12:58:00	23/09/22	17:43:00	0.20	4.75	0.00	0.00	0.00		* OSFT SD taken to attend the hot spot in R phase line isolator at Malerkotla S/S. NR 2209-3954
CKT	400kV PATIALA-MALERKOTLA	SRMT	11/09/22	05:33:00	11/09/22	05:52:00	0.01	0.32	0.00	0.00	0.00		* Line tripped on Y-N Fault . FLR Patiala Iy=27.78 kA , 0.568 kM NR 2209-1836
							0.21	5.07	0.00	0.00	0.00	99.30	
CKT	400kV PATIALA-PANCHKULA-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 PATIALA-PANCHKULA-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 PATIALA-PATRAN(TECHNO)-1	OSFD	20/09/22	10:39:00	30/09/22	23:59:59	10.56	0.00	0.00	0.00	253.35		* Line handtripped due to protester climbed at tower as per NRLDC instruction. "NR 2209-3431* "* 05.10.2022 23:26:45 INDIA Parvinder Kumar (60016809)* Forced Shutdown on request of PSTCL Patiala and NRLDC instruction in view of Human Safety as protesters climbed at tower no. 311.
							10.56	0.00	0.00	0.00	253.35	100.00	
CKT	400kV PATIALA-PATRAN(TECHNO)-2	OSFD	20/09/22	10:40:00	30/09/22	23:59:59	10.56	0.00	0.00	0.00	253.33		* Line handtripped due to protester climbed at tower as per NRLDC instruction. "NR 2209-3431"* 05.10.2022 23:27:19 INDIA Parvinder Kumar (60016809)* Forced Shutdown on request of PSTCL Patiala and NRLDC instruction in view of Human Safety as protesters climbed at tower no. 311.
							10.56	0.00	0.00	0.00	253.33	100.00	
CKT	400kV PARBATI2(NHPC)-BANALA			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 PARBATI3(NHPC)-BANALA	OSFD	28/09/22	12:05:00	28/09/22	15:21:00	0.14	0.00	0.00	0.00	3.27		* SD taken by NHPC for testing of cable at Parbati3. NR 2209-4816
CKT	400kV PARBATI3(NHPC)-BANALA	OSPD	16/09/22	11:04:00	16/09/22	15:35:00	0.19	0.00	0.00	0.00	4.52		* SD taken by NHPC for replacement of R-Phase pole of Unit#1 Bay at Parbati3 S/S. NR 2209-2826

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 PARBATI3(NHPC)-BANALA	SRMU	10/09/22	00:21:00	10/09/22	02:05:00	0.07	0.00	1.73	0.00	0.00		* OMSU Line A/R on R-N fault from Banala S/S and tripped from Parbati3 only on R-N fault. FLR Banala: FL=6.90kM, Ir=12.94kA. Parbat3 FLR: FL=350mtr., Zone-4 optd., If= NA NR 2209-1657
CKT	400kV PARBATI3(NHPC)-BANALA	OSPD	18/09/22	11:24:00	18/09/22	18:14:00	0.29	0.00	0.00	0.00	6.83		* Shutdown taken by NHPC for R phase CB pole replacement at Parbati-3. "NR 2209-3115* "
CKT	400kV PARBATI3(NHPC)-BANALA	SRMU	10/09/22	03:30:00	10/09/22	03:55:00	0.02	0.00	0.42	0.00	0.00		* OMSU Line tripped from Parbati3 only on R-N fault and remained charged from Banala S/S. Parbat3 FLR: FL=350mtr., Zone-4 optd., If= N.A. NR 2209-1659
CKT	400kV PARBATI3(NHPC)-BANALA	OSFD	15/09/22	12:13:00	15/09/22	18:01:00	0.24	0.00	0.00	0.00	5.80		* OSFD SD taken by NHPC for replacement of R-Phase pole of Unit#1 Bay at Parbati3 S/S NR 2209-2620
							0.95	0.00	2.15	0.00	20.42	100.00	
CKT	400kV PARBATI3(NHPC)-SAINJ(HPSEB)	SEFU	01/09/22	00:00:01	30/09/22	23:59:59	30.00	0.00	720.00	0.00	0.00		* OMSU Line tripped on R-N fault, FLR Parbati 3 : 800m, Zone1. As per NHPC, Parbati3, fault in 400KV XLPE cable. Afterwards Shutdown taken by NHPC for rectification at 17:21 Dt. 11.03.2022 vide NRLDC code NR-2620. NR 2203-2445* 14.03.2022 09:16:59 INDIA Parvinder Kumar (60016809)* NR 2203-2620
							30.00	0.00	720.00	0.00	0.00	100.00	
CKT	400kV RAMPUR(SJVNL)-NALAGARH-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 RAMPUR(SJVNL)-NALAGARH-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 URI1(NHPC)-AMARGARH(STERLITE)-1	OSFT	08/09/22	10:35:00	08/09/22	14:13:00	0.15	3.63	0.00	0.00	0.00		* SD taken for Attending Damaged Jumper conductor Rph at Tloc 130
							0.15	3.63	0.00	0.00	0.00	99.50	
CKT	400kV URI1(NHPC)-AMARGARH(STERLITE)-2	OSPT	24/09/22	09:03:00	24/09/22	16:43:00	0.32	7.67	0.00	0.00	0.00		* SD taken for replacement of Broken insulator at T.No. 95 NR 2209-4076
							0.32	7.67	0.00	0.00	0.00	98.94	
CKT	400kV URI2(NHPC)-URI1(NHPC)			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 URI2(NHPC)-WAGOORA	LART	03/09/22	13:30:00	03/09/22	13:30:00	0.00	0.00	0.00	0.00	0.00		* Line A/R on R-N fault. FLR Wagoora: Ir=5.04kA, FL=34.96kM <(>&<)> FLR Uri2: FL=79.94kM, Ir=2.501kA.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV WAGOORA-AMARGARH(STERLITE)-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 WAGOORA-AMARGARH(STERLITE)-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 NEW WANPOH-BAGLIHAR-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 NEW WANPOH-WAGOORA-1	OSFT	27/09/22	17:02:00	27/09/22	18:13:00	0.05	1.18	0.00	0.00	0.00		* SD taken to attend hotspot in CT connector of R-Ph at Wagoora end. NR 2209-4639
							0.05	1.18	0.00	0.00	0.00	99.84	
CKT	400kV NEW WANPOH-WAGOORA-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 KISHENPUR-MOGA-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 KISHENPUR-MOGA-2	OSFT	10/09/22	15:02:00	10/09/22	17:35:00	0.11	2.55	0.00	0.00	0.00		* SD taken to attend hot spot due to missing loose nut <(>&<)> bolt at tower loc no. 131. NR 2209-1738
CKT	400kV KISHENPUR-MOGA-2	OSPT	13/09/22	09:35:00	13/09/22	19:28:00	0.41	9.88	0.00	0.00	0.00		* SD taken for AMP works. NR 2209-2201
							0.52	12.43	0.00	0.00	0.00	98.27	
CKT	765kV MEERUT-MOGA	OSFT	29/09/22	16:22:00	29/09/22	19:12:00	0.12	2.83	0.00	0.00	0.00		* OSFT SD taken for rectification of loose 'Split Pin' of Middle Phase 'V' Polymer Insulator String on Loc. no 908. "NR 2209-5046* NLDC/2328"
CKT	765kV MEERUT-MOGA	LVRD	24/09/22	01:56:00	26/09/22	07:13:00	2.22	0.00	0.00	0.00	53.28		* Line hand tripped for voltage regulation. "NR 2209-4051* NLDC/1849"
							2.34	2.83	0.00	0.00	53.28	99.61	
CKT	66KV KARGIL CHUTAK CKT 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	66KV KARGIL SHARGOLE CKT 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	132 KV LEH KHARU TRANSMISSION LINE			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	66KV-PHYANG LEH CKT 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	66KV-PHYANG LEH CKT 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
CKT	66KV-PHYANG NIMU CKT 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	
LNR	50MVAR,SWLR OF PANCHKULA-1 AT ABDULLAF			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	
LNR	50MVAR,SWLR OF PANCHKULA-1 AT ABDULLAF			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	
LNR	50MVAR,LR OF JALANDHAR AT HAMIRPUR			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	
LNR	50MVAR,SWLR OF CHAMBA-2 AT JALANDHAR			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	
LNR	50MVAR,SWLR OF CHAMBA-1 AT JALANDHAR			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	
LNR	50MVAR,SWLR OF BAGPAT-1 AT KAITHAL			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	
LNR	50MVAR,SWLR OF BAGPAT-2 AT KAITHAL			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	
LNR	KAITHAL-DADRI LINE REACTOR			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	
LNR	Kishenpur_400kV_63MVAR_Moga2-LR			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	
LNR	KISHENPUR-MOGA-1_LR-400kV_63MVAR			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	
LNR	Moga_400kV_63MVAR_Kishenpur1-LR			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	
LNR	Moga_400kV_63MVAR_Kishenpur2-LR			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	
LNR	Moga_400kV_63MVAR_Hisar3-LR			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	
LNR	Moga_400kV_63MVAR_Hisar2-LR			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	
LNR	330MVAR,SWLR OF BIKANER-1 AT MOGA			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	
LNR	330MVAR,SWLR OF BIKANER-2 AT MOGA	SICT	07/09/22	03:09:00	07/09/22	09:02:00	0.25	5.88	0.00	0.00	0.00		* LR (Y-Ph) tripped on Buckholz protection operation as LR was in service after converted into bus reactor (765kV Moga-Bikaner ckt-2 was in opened condition on voltage regulation).
							0.25	5.88	0.00	0.00	0.00	99.18	
LNR	240MVAR, SWLR OF MEERUT AT MOGA			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	
LNR	240MVAR,SWLR OF BHIWANI AT MOGA			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	
LNR	Nalagarh_400kV_50MVAR_Rampur2-LR			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	
LNR	50MVAR,SWLR OF NAPTAJHAKRI-1 AT P'KULA			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	
LNR	50MVAR,SWLR OF NAPTAJHAKRI-2 AT P'KULA			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	
LNR	SAMBA-AMARGARH-1 LINE REACTOR			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	
LNR	SAMBA-AMARGARH-2 LINE REACTOR			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	
STATCO	+200/-200MVAR STATCOM AT NALAGARH			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	
SVC	+600/-400MVAR SVC AT LUDHIANA			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	
SVC	+300/-200MVAR SVC AT NEW WANPOH			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 ABDULLAPUR			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 ABDULLAPUR	OSPT	29/09/22	10:08:00	29/09/22	17:45:00	0.32	7.62	0.00	0.00	0.00		* SD taken for AMP works. NR 2209-4996
							0.32	7.62	0.00	0.00	0.00	98.94	
XMER	315MVA,400/220kV ICT-3 AT ABDULLAPUR	OSPT	30/09/22	10:19:00	30/09/22	17:27:00	0.30	7.13	0.00	0.00	0.00		* OSPT SD taken for AMP works. NR 2209-5177
							0.30	7.13	0.00	0.00	0.00	99.01	
XMER	315MVA,400/220kV ICT-4 AT ABDULLAPUR			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 AMRITSAR			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	315MVA,400/220kV ICT-2 AT AMRITSAR			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 AMRITSAR			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-4 AT AMRITSAR			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 BANALA			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 BANALA			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 CHAMBA			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 CHAMBA			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 DEHAR			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 FATEHABAD			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 FATEHABAD			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 FATEHABAD			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 HAMIRPUR			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 HAMIRPUR			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 HAMIRPUR			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 JALANDHAR			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 JALANDHAR			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 JALANDHAR			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 KAITHAL			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 KAITHAL			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 KAITHAL			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 KISHENPUR			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 KISHENPUR			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 KISHENPUR			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	50MVA,220/66kV ICT-1 AT KHALSTI			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 LUDHIANA			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-2 AT LUDHIANA			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 LUDHIANA			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-4 AT LUDHIANA			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 MALERKOTLA			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 MALERKOTLA			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 MALERKOTLA			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 MOGA			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 MOGA			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	250MVA,400/220kV ICT-2 AT MOGA	OMST	14/09/22	10:48:00	14/09/22	12:11:00	0.06	1.38	0.00	0.00	0.00		* OMST ICT tripped on TRF back-up E/F relay optd during charnge over of 220kV Bus isolators on shut down of 220kV Bus-2. NR 2209-2421
							0.06	1.38	0.00	0.00	0.00	99.81	
XMER	1500MVA,765/400kV ICT-2 AT MOGA	OSPT	26/09/22	10:24:00	26/09/22	21:45:00	0.47	11.35	0.00	0.00	0.00		* SD taken for AMP Works NR-2209-4362, NL-2025
							0.47	11.35	0.00	0.00	0.00	98.42	
XMER	500MVA,400/220kV ICT-3 AT MOGA			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-4 AT MOGA			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 NALAGARH			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 NALAGARH			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 NALAGARH			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-2 AT PANIPAT			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 PATIALA			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 PATIALA			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 PATIALA			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 PANCHKULA	OSPT	08/09/22	09:28:00	08/09/22	18:06:00	0.36	8.63	0.00	0.00	0.00		* SD taken for AMP works.
							0.36	8.63	0.00	0.00	0.00	98.80	
XMER	315MVA,400/220kV ICT-2 AT PANCHKULA			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 PANCHKULA			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 SAMBA			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 SAMBA			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 SAMBA			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 WAGOORA			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 WAGOORA			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 WAGOORA			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-4 AT WAGOORA			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 NEW WANPOH			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 NEW WANPOH			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	
							725.11	144.75	734.71	10.70	16,510.36		