

## Standard of Performance data for the month of Mar-2023

**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 ATTRIBU TABLE TO ISTS Licensee	OUTAGE ATTRIBU TABLE To Others	OUTAGE ATTRIBU TABLE To System Constraint	OUTAGE ATTRIBUT ABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
BSR	50MVAR,BUS REACTOR-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	
BSR	125MVAR,BUS REACTOR-2 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	
BSR	80MVAR,BUS REACTOR-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	
BSR	25MVAR, BUS REACTOR-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	
BSR	80MVAR,BUS REACTOR-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	
BSR	80MVAR,BUS REACTOR-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	
BSR	63MVAR,BUS REACTOR-1 AT DEHAR	OSPD	03-03-2023	08:16:00	03-03-2023	08:19:00	0.00	0.00	0.00	0.00	0.05		* Shutdown taken by BBMB Dehar for shifting of load from Bus-2 to Bus-1 for facilitating shutdown of Bus-2 at Dehar. NR-2303-564
							0.00	0.00	0.00	0.00	0.05	100.00	
BSR	63MVAR,BUS REACTOR-2 AT DEHAR	OSPD	03-03-2023	08:16:00	03-03-2023	08:19:00	0.00	0.00	0.00	0.00	0.05		* Shutdown taken by BBMB Dehar for shifting of load from Bus-2 to Bus-1 for facilitating shutdown of Bus-2 at Dehar. NR-2303-564
							0.00	0.00	0.00	0.00	0.05	100.00	
BSR	80MVAR,BUS REACTOR-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	
BSR	25MVAR, BUS REACTOR-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	
BSR	80MVAR,BUS REACTOR-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	
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	



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							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	13-03-2023	11:07:00	13-03-2023	16:11:00	0.21	0.00	0.00	0.00	5.07		* B/R hand tripped for voltage regulation. NR 2303-3173 NLDC/1537
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	09-03-2023	10:09:00	09-03-2023	15:12:00	0.21	0.00	0.00	0.00	5.05		* B/R hand tripped for voltage regulation.NR-2121,NL-1046
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	14-03-2023	10:54:00	14-03-2023	13:48:00	0.12	0.00	0.00	0.00	2.90		* B/R hand tripped for voltage regulation. NR 2303-3427 NLDC/1665
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	27-03-2023	10:15:00	27-03-2023	13:10:00	0.12	0.00	0.00	0.00	2.92		* B/R hand tripped for voltage regulation. NR 2303-6502 NLDC/3266
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	10-03-2023	10:08:00	10-03-2023	15:14:00	0.21	0.00	0.00	0.00	5.10		* B/R hand tripped for voltage regulation. NR 2303-2372 NLDC/1180
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	05-03-2023	09:56:00	05-03-2023	15:17:00	0.22	0.00	0.00	0.00	5.35		* B/R hand tripped for voltage regulation. NR 2303-1218NLDC/607
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	18-03-2023	09:55:00	18-03-2023	13:17:00	0.14	0.00	0.00	0.00	3.37		* B/R hand tripped on voltage regulation.NR-4324,NL-2171
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	03-03-2023	09:12:00	03-03-2023	14:16:00	0.21	0.00	0.00	0.00	5.07		* B/R hand tripped for voltage regulation. NR 2303-605 NLDC/325
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	07-03-2023	11:00:00	07-03-2023	15:28:00	0.19	0.00	0.00	0.00	4.47		* VOLTAGE REGULATION.
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	08-03-2023	09:47:00	08-03-2023	15:11:00	0.23	0.00	0.00	0.00	5.40		* B/R hand tripped for voltage regulation.NR-1894,NL-940
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	23-03-2023	10:44:00	23-03-2023	13:21:00	0.11	0.00	0.00	0.00	2.62		* B/R hand tripped for voltage regulation. NR 2303-5536 NLDC/2791
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	04-03-2023	09:17:00	04-03-2023	12:00:00	0.11	0.00	0.00	0.00	2.72		* B/R hand tripped for voltage regulation. NR 2303-940 NLDC/472
BSR	240MVAR,BUS REACTOR-1 AT MOGA	LVRD	02-03-2023	09:40:00	02-03-2023	15:10:00	0.23	0.00	0.00	0.00	5.50		* B/R hand tripped for voltage regulation. NR 2303-359 NLDC-178
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	01-03-2023	09:55:00	01-03-2023	13:19:00	0.14	0.00	0.00	0.00	3.40		* SVRD B/R hand tripped for voltage regulation. NR 2303-097 NLDC/46
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	28-03-2023	10:46:00	28-03-2023	15:16:00	0.19	0.00	0.00	0.00	4.50		* B/R hand tripped for voltage regulation. NR 2303-6796 NLDC/3391
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	29-03-2023	11:48:00	29-03-2023	14:18:00	0.10	0.00	0.00	0.00	2.50		* B/R hand tripped for voltage regulation. NR 2303-7066 NLDC/3531

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BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	06-03-2023	10:17:00	06-03-2023	13:49:00	0.15	0.00	0.00	0.00	3.53		* B/R hand tripped for voltage regulation. NR 2303-1418 NLDC/717
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	12-03-2023	09:37:00	12-03-2023	13:08:00	0.15	0.00	0.00	0.00	3.52		* B/R hand tripped for voltage regulation. NR 2303-2917 NLDC/1427
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	11-03-2023	09:20:00	11-03-2023	13:14:00	0.16	0.00	0.00	0.00	3.90		* B/R hand tripped for voltage regulation. NR 2303-2627 NLDC/1299
BSR	240MVAR,BUS REACTOR-1 AT MOGA	SVRD	20-03-2023	10:49:00	20-03-2023	13:31:00	0.11	0.00	0.00	0.00	2.70		* B/R hand tripped for voltage regulation. NR 2303-4760 NLDC/2444
							3.31	0.00	0.00	0.00	79.59	100.00	
BSR	MOGA-BUS REACTOR-2	SVRD	07-03-2023	10:21:00	07-03-2023	16:25:00	0.25	0.00	0.00	0.00	6.07		* BR hand tripped for voltage regulation
BSR	MOGA-BUS REACTOR-2	SVRD	08-03-2023	12:07:00	08-03-2023	16:35:00	0.19	0.00	0.00	0.00	4.47		* B/R hand tripped for voltage regulation.NR-1918
							0.44	0.00	0.00	0.00	10.54	100.00	
BSR	240MVAR,BUS REACTOR-2 AT MOGA	SVRD	02-03-2023	11:00:00	02-03-2023	15:28:00	0.19	0.00	0.00	0.00	4.47		* B/R hand tripped for voltage regulation. NR 2303-400 NLDC/202
BSR	240MVAR,BUS REACTOR-2 AT MOGA	SVRD	04-03-2023	10:37:00	04-03-2023	13:24:00	0.12	0.00	0.00	0.00	2.78		* B/R hand tripped for voltage regulation. NR 2303-976 NLDC/490
BSR	240MVAR,BUS REACTOR-2 AT MOGA	SVRD	18-03-2023	11:10:00	18-03-2023	15:13:00	0.17	0.00	0.00	0.00	4.05		* B/R hand tripped on voltage regulation.NR-4353,NL-2181
BSR	240MVAR,BUS REACTOR-2 AT MOGA	SVRD	03-03-2023	10:26:00	03-03-2023	15:07:00	0.20	0.00	0.00	0.00	4.68		* B/R hand tripped for voltage regulation. NR 2303-667 NLDC/348
BSR	240MVAR,BUS REACTOR-2 AT MOGA	SVRD	05-03-2023	10:23:00	05-03-2023	15:59:00	0.23	0.00	0.00	0.00	5.60		* B/R hand tripped for voltage regulation. NR 2303-1222NLDC/609
BSR	240MVAR,BUS REACTOR-2 AT MOGA	SVRD	11-03-2023	10:02:00	11-03-2023	15:26:00	0.23	0.00	0.00	0.00	5.40		* B/R hand tripped for voltage regulation. NR 2303-2650 NLDC/1309
BSR	240MVAR,BUS REACTOR-2 AT MOGA	SVRD	12-03-2023	11:14:00	12-03-2023	13:28:00	0.09	0.00	0.00	0.00	2.23		* B/R hand tripped for voltage regulation. NR 2303-2933 NLDC/1441
BSR	240MVAR,BUS REACTOR-2 AT MOGA	SVRD	10-03-2023	10:20:00	10-03-2023	15:16:00	0.21	0.00	0.00	0.00	4.93		* B/R hand tripped for voltage regulation. NR 2303-2377 NLDC/1183
BSR	240MVAR,BUS REACTOR-2 AT MOGA	SVRD	08-03-2023	10:43:00	08-03-2023	15:12:00	0.19	0.00	0.00	0.00	4.48		* B/R hand tripped for voltage regulation.NR-1906,NL-945
BSR	240MVAR,BUS REACTOR-2 AT MOGA	SVRD	27-03-2023	11:30:00	27-03-2023	15:38:00	0.17	0.00	0.00	0.00	4.13		* B/R hand tripped for voltage regulation. NR 2303-6517 NLDC/3272

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BSR	240MVAR,BUS REACTOR-2 AT MOGA	SVRD	14-03-2023	10:10:00	14-03-2023	15:59:00	0.24	0.00	0.00	0.00	5.82		* B/R hand tripped for voltage regulation. NR 2303-3415 NLDC/1661
BSR	240MVAR,BUS REACTOR-2 AT MOGA	SVRD	09-03-2023	10:40:00	09-03-2023	15:21:00	0.20	0.00	0.00	0.00	4.68		* B/R hand tripped for voltage regulation.NR-2128,NL-1050
BSR	240MVAR,BUS REACTOR-2 AT MOGA	SVRD	07-03-2023	10:20:00	07-03-2023	16:22:00	0.25	0.00	0.00	0.00	6.03		* BR hand tripped for voltage regulation
							2.49	0.00	0.00	0.00	59.28	100.00	
BSR	50MVAR,BUS REACTOR-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	
BSR	125MVAR,BUS REACTOR-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	
BSR	125MVAR,BUS REACTOR-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	
BSR	125MVAR,BUS REACTOR-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	
BSR	25MVAR,BUS REACTOR-1 AT LEH GIS	SVRD	04-03-2023	07:18:00	26-03-2023	23:27:00	22.67	0.00	0.00	0.00	544.15		* B/R hand tripped for voltage regulation. NR-2303-896
BSR	25MVAR,BUS REACTOR-1 AT LEH GIS	SVRD	31-03-2023	19:20:00	31-03-2023	23:59:59	0.19	0.00	0.00	0.00	4.67		* SVRD B/R hand tripped for voltage regulation. NR-2303-7602
BSR	25MVAR,BUS REACTOR-1 AT LEH GIS	SVRD	01-03-2023	00:00:01	04-03-2023	03:11:00	3.13	0.00	0.00	0.00	75.18		* B/R hand tripped for voltage regulation. NR 2302-7020
							25.99	0.00	0.00	0.00	624.00	100.00	
BSR	125MVAR,BUS REACTOR-1 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	
BSR	125MVAR,BUS REACTOR-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	
BSR	80MVAR,BUS REACTOR-1 AT SAMBA	SVRD	01-03-2023	00:00:01	03-03-2023	18:53:00	2.79	0.00	0.00	0.00	66.88		* BR hand tripped for voltage regulation under 3048 at 10:08 hrs
							2.79	0.00	0.00	0.00	66.88	100.00	
BSR	50MVAR,BUS REACTOR-1 AT WAGOORA	SVRD	01-03-2023	00:00:01	31-03-2023	23:59:59	31.00	0.00	0.00	0.00	744.00		* B/R hand tripped for voltage regulation. NR 2301-7400
							31.00	0.00	0.00	0.00	744.00	100.00	
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	

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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	20-03-2023	19:37:00	31-03-2023	23:59:59	11.18	0.00	0.00	0.00	268.38		* B/R hand tripped for voltage regulation. NR 2303-4914
BSR	125MVAR,BUS REACTOR-1 AT NEW WANPOH	SVRD	01-03-2023	00:00:01	18-03-2023	03:01:00	17.13	0.00	0.00	0.00	411.02		* B/R hand tripped for voltage regulation. NR-2302-2776
							28.31	0.00	0.00	0.00	679.40	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			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)-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	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)	OSPD	28-03-2023	10:24:00	28-03-2023	12:53:00	0.10	0.00	0.00	0.00	2.48		* SD taken by NHPC Bairasuil for Replacement of fault Energy Meter NR 2303-6794
							0.10	0.00	0.00	0.00	2.48	100.00	
CKT	220kV BAIRASIUL(NHPC)-PONG(BBMB)	OSPT	28-03-2023	13:37:00	28-03-2023	18:36:00	0.21	4.98	0.00	0.00	0.00		* AMP work of Line equipments at Pong SS NR 2303-6816
CKT	220kV BAIRASIUL(NHPC)-PONG(BBMB)	LVRD	25-03-2023	00:46:00	25-03-2023	05:26:00	0.19	0.00	0.00	0.00	4.67		* Line hand tripped for voltage regulation. NR 2303-5953
							0.40	4.98	0.00	0.00	4.67	99.33	
CKT	220kV CHAMERA3(NHPC)-CHAMBA-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 CHAMERA3(NHPC)-CHAMBA-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 CHOWADHI(JKPDD)-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	

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CKT	220KV-DRASS ALUSTENG 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-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	OSPT	30-03-2023	09:36:00	30-03-2023	18:58:00	0.39	9.37	0.00	0.00	0.00		* SD taken for Line AMP Works NR 2303-7278
							0.39	9.37	0.00	0.00	0.00	98.74	
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	SRMU	13-03-2023	19:35:00	13-03-2023	20:14:00	0.03	0.00	0.65	0.00	0.00		* Line A/R from Samba on R-N fault but tripped from Hiranagar.FLR Samba :9.3KA,6.1km. ----
							0.03	0.00	0.65	0.00	0.00	100.00	
CKT	220KV_JALLANDHAR-DASUA_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_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	OMS U	20-03-2023	11:01:00	20-03-2023	11:39:00	0.03	0.00	0.63	0.00	0.00		* Tripped from Nehrian end on R-N fault while autoreclosed successfully form Jalandhar end. FLR Jalandhar : 30.565 kM, 5.87kA
							0.03	0.00	0.63	0.00	0.00	100.00	
CKT	220KV-JALANDHAR-NEHRIAN(HPSEB)-2	LART	20-03-2023	11:01:00	20-03-2023	11:01:00	0.00	0.00	0.00	0.00	0.00		* Autoreclosed successfully from both ends. FLR Jalandhar : 30.379 kM, 4.98kA
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kv JAMMU(JKPDD)-CHOWADHI (JKPDD)	OSPD	12-03-2023	09:17:00	12-03-2023	14:11:00	0.20	0.00	0.00	0.00	4.90		* SD taken by JKPTCL for their preventive maint work at Gladni S/Stn. NR-2303-2885
							0.20	0.00	0.00	0.00	4.90	100.00	

**Standard of Performance data for the month of Mar-2023**

**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 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	220kV JESSORE(HPPTCL)-PONG(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	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	13-03-2023	10:45:00	13-03-2023	16:35:00	0.24	0.00	0.00	0.00	5.83		* SD taken by JKPTCL for replacement of defective R-ph CVT at Delina end. NR-2303-3165
							0.24	0.00	0.00	0.00	5.83	100.00	
CKT	220KV KISHANGANGA(NHPC)-DELINA(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 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			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-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 PANCHKULA-CHANDIGARH-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 PANCHKULA CHANDIGARH-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)-JAMMU(JKPDD)-1	OSPD	12-03-2023	09:15:00	12-03-2023	14:06:00	0.20	0.00	0.00	0.00	4.85		* SD taken by JKPTCL for their preventive maint work at Gladni S/Stn. NR-2303-2887
							0.20	0.00	0.00	0.00	4.85	100.00	
CKT	220KV-SALAL(NHPC)-JAMMU(JKPDD)-2	OSPD	12-03-2023	09:15:00	12-03-2023	14:06:00	0.20	0.00	0.00	0.00	4.85		* SD taken by JKPTCL for their preventive maint work at Gladni S/Stn. NR-2303-2886
							0.20	0.00	0.00	0.00	4.85	100.00	
CKT	220KV-SALAL(NHPC)-KISHENPUR-1	LART	31-03-2023	02:12:00	31-03-2023	02:12:00	0.00	0.00	0.00	0.00	0.00		* Line AR Optd on YN fault.FLR Kishenpur:-2.298 KA <(>&<>)> 56.8 Km ---
							0.00	0.00	0.00	0.00	0.00	100.00	





## Standard of Performance data for the month of Mar-2023

**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 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 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)	OSPT	29-03-2023	13:03:16	29-03-2023	20:24:00	0.31	7.35	0.00	0.00	0.00		* SD taken for rectification of grading ring in Line and shutdown nature defects NR 2303-7015
CKT	400kV ABDULLAPUR-BAWANA(DTL)	OSPT	28-03-2023	09:16:00	28-03-2023	20:09:00	0.45	10.88	0.00	0.00	0.00		* SD taken for rectification of grading ring in Line and shutdown nature defects NR 2303-6761
CKT	400kV ABDULLAPUR-BAWANA(DTL)	OMS U	18-03-2023	14:20:00	18-03-2023	16:52:00	0.11	0.00	2.53	0.00	0.00		
							0.87	18.23	2.53	0.00	0.00	97.54	
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	09-03-2023	21:32:00	10-03-2023	08:09:00	0.44	0.00	0.00	0.00	10.62		* Line hand tripped for voltage regulation
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	03-03-2023	21:51:00	04-03-2023	07:37:00	0.41	0.00	0.00	0.00	9.77		* Line hand tripped for voltage regulation. NR-2303-872
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	01-03-2023	00:00:01	01-03-2023	08:23:00	0.35	0.00	0.00	0.00	8.38		* Line hand tripped for voltage regulation. NR 2302-7715
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	18-03-2023	20:58:00	19-03-2023	07:15:00	0.43	0.00	0.00	0.00	10.28		* Line hand tripped for voltage regulation. NR 2303-4473
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	SRMU	28-03-2023	13:00:00	28-03-2023	15:45:00	0.12	0.00	2.75	0.00	0.00		* Line tripped due to DT receive at Abdullapur
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	22-03-2023	21:17:00	23-03-2023	07:05:00	0.41	0.00	0.00	0.00	9.80		* Line hand tripped for voltage regulation. NR 2303-5417
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	15-03-2023	22:00:00	16-03-2023	09:17:00	0.47	0.00	0.00	0.00	11.28		* Line hand tripped for voltage regulation. NR-2303-3798
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	19-03-2023	22:01:00	20-03-2023	08:58:00	0.46	0.00	0.00	0.00	10.95		* Line hand tripped for voltage regulation.NR-4642
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	27-03-2023	21:37:00	28-03-2023	07:23:00	0.41	0.00	0.00	0.00	9.77		* Line hand tripped for voltage regulation. NR 2303-6655
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	17-03-2023	21:31:00	18-03-2023	08:01:00	0.44	0.00	0.00	0.00	10.50		* Line hand tripped for voltage regulation
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	OMS U	24-03-2023	13:02:00	24-03-2023	17:29:00	0.19	0.00	4.45	0.00	0.00		* Line tripped due to over voltage protection operated at Deepalpur and DT received at Abdullapur end.
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	20-03-2023	21:24:00	21-03-2023	08:51:00	0.48	0.00	0.00	0.00	11.45		* Line hand tripped for voltage regulation.NR-4934
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	23-03-2023	21:20:00	24-03-2023	09:44:00	0.52	0.00	0.00	0.00	12.40		* Line hand tripped for voltage regulation. NR 2303-5663
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	02-03-2023	20:58:00	03-03-2023	07:57:00	0.46	0.00	0.00	0.00	10.98		* Line hand tripped for voltage regulation. NR-2303-539

## Standard of Performance data for the month of Mar-2023

**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 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 ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	30-03-2023	19:21:00	31-03-2023	23:59:59	1.19	0.00	0.00	0.00	28.65		* Line hand tripped for voltage regulation
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	12-03-2023	21:52:00	13-03-2023	06:53:00	0.38	0.00	0.00	0.00	9.02		* Line hand tripped for voltage regulation
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	11-03-2023	20:09:00	12-03-2023	08:16:00	0.51	0.00	0.00	0.00	12.12		* Line hand tripped for voltage regulation. NR-2303-2805
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	07-03-2023	18:14:00	09-03-2023	07:01:00	1.53	0.00	0.00	0.00	36.78		* Line hand tripped on voltage regulation.NR-1795
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	21-03-2023	21:32:00	22-03-2023	06:56:00	0.39	0.00	0.00	0.00	9.40		* Line hand tripped for voltage regulation. NR 2303-5171
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	26-03-2023	14:24:00	27-03-2023	07:02:00	0.69	0.00	0.00	0.00	16.63		* Line hand tripped for voltage regulation. NR 2303-6323
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	14-03-2023	21:12:00	15-03-2023	07:10:00	0.42	0.00	0.00	0.00	9.97		* Line hand tripped for voltage regulation. NR-2303-3581
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	13-03-2023	21:13:00	14-03-2023	06:47:00	0.40	0.00	0.00	0.00	9.57		* Line hand tripped for voltage regulation. NR-2303-3310
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	04-03-2023	21:51:00	05-03-2023	07:53:00	0.42	0.00	0.00	0.00	10.03		* Line hand tripped for voltage regulation. NR-2303-1116
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	28-03-2023	21:34:00	29-03-2023	07:32:00	0.42	0.00	0.00	0.00	9.97		* Line hand tripped for voltage regulation.NR-6924
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	24-03-2023	22:06:00	25-03-2023	06:48:00	0.36	0.00	0.00	0.00	8.70		* Line hand tripped for voltage regulation. NR 2303-5925
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	OSPT	30-03-2023	09:23:00	30-03-2023	19:21:00	0.42	9.97	0.00	0.00	0.00		* SD taken for rectification of grading ring in Line and shutdown nature defects NR 2303-7269
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	16-03-2023	21:43:00	17-03-2023	06:02:00	0.35	0.00	0.00	0.00	8.32		* Line hand tripped for voltage regulation. NR-2303-4008
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	25-03-2023	21:20:00	26-03-2023	08:13:00	0.45	0.00	0.00	0.00	10.88		* Line hand tripped for voltage regulation
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	16-03-2023	09:17:00	16-03-2023	09:17:00	0.00	0.00	0.00	0.00	0.00		* Line hand tripped for voltage regulation. NR-2303-3848
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	29-03-2023	21:52:00	30-03-2023	07:30:00	0.40	0.00	0.00	0.00	9.63		* Line hand tripped for voltage regulation. NR 2303-7201
CKT	400kV ABDULLAPUR-DEPALPUR(HVPNL)	LVRD	10-03-2023	20:51:00	11-03-2023	07:21:00	0.44	0.00	0.00	0.00	10.50		* Line hand tripped on voltage regulation.NR/2539
							14.36	9.97	7.20	0.00	326.35	98.65	
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			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	

## Standard of Performance data for the month of Mar-2023

**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 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 AMRITSAR-JALANDHAR-1	OSPT	27-03-2023	10:28:00	27-03-2023	20:41:00	0.43	10.22	0.00	0.00	0.00		* SD taken for AMP of Line and rectification of shutdown nature defects NR 2303-6509
							0.43	10.22	0.00	0.00	0.00	98.63	
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	LVRD	21-03-2023	21:25:00	22-03-2023	06:10:00	0.37	0.00	0.00	0.00	8.75		* Line hand tripped for voltage regulation. NR 2303-5174
CKT	400kV BANALA-AMRITSAR-1	LVRD	15-03-2023	21:23:00	16-03-2023	06:25:00	0.38	0.00	0.00	0.00	9.03		* Line hand tripped for voltage regulation. NR-2303-3791
CKT	400kV BANALA-AMRITSAR-1	LVRD	02-03-2023	21:53:00	03-03-2023	07:14:00	0.39	0.00	0.00	0.00	9.35		* Line hand tripped for voltage regulation
CKT	400kV BANALA-AMRITSAR-1	LVRD	08-03-2023	21:39:00	09-03-2023	06:35:00	0.37	0.00	0.00	0.00	8.93		* Line hand tripped for voltage regulation. NR-2303-2005
CKT	400kV BANALA-AMRITSAR-1	LVRD	27-03-2023	21:23:00	28-03-2023	05:54:00	0.36	0.00	0.00	0.00	8.52		* Line hand tripped for voltage regulation. NR 2303-6657
CKT	400kV BANALA-AMRITSAR-1	LVRD	31-03-2023	21:23:00	31-03-2023	23:59:59	0.11	0.00	0.00	0.00	2.62		* Line hand tripped for voltage regulation. NR 2303-7629
CKT	400kV BANALA-AMRITSAR-1	LVRD	03-03-2023	21:43:00	04-03-2023	06:36:00	0.37	0.00	0.00	0.00	8.88		* Line hand tripped for voltage regulation. NR-2303-867
CKT	400kV BANALA-AMRITSAR-1	LVRD	30-03-2023	22:29:00	31-03-2023	06:19:00	0.33	0.00	0.00	0.00	7.83		* Line hand tripped for voltage regulation. NR 2303-7407
CKT	400kV BANALA-AMRITSAR-1	LVRD	11-03-2023	20:12:00	12-03-2023	05:50:00	0.40	0.00	0.00	0.00	9.63		* Line hand tripped for voltage regulation. NR-2303-2809
CKT	400kV BANALA-AMRITSAR-1	LVRD	12-03-2023	21:41:00	13-03-2023	06:49:00	0.38	0.00	0.00	0.00	9.13		* Line hand tripped for voltage regulation
CKT	400kV BANALA-AMRITSAR-1	LVRD	05-03-2023	21:03:00	06-03-2023	08:07:00	0.46	0.00	0.00	0.00	11.07		* Line hand tripped for voltage regulation. NR-2303-1314
CKT	400kV BANALA-AMRITSAR-1	LVRD	17-03-2023	02:04:00	17-03-2023	05:58:00	0.16	0.00	0.00	0.00	3.90		* Line hand tripped for voltage regulation. NR 2303-4035
CKT	400kV BANALA-AMRITSAR-1	LVRD	10-03-2023	20:36:00	11-03-2023	07:14:00	0.44	0.00	0.00	0.00	10.63		* Line hand tripped on voltage regulation.NR/2534
CKT	400kV BANALA-AMRITSAR-1	LVRD	24-03-2023	20:04:00	25-03-2023	09:08:00	0.54	0.00	0.00	0.00	13.07		* Line hand tripped for voltage regulation.NR-5893
CKT	400kV BANALA-AMRITSAR-1	LVRD	07-03-2023	21:23:00	08-03-2023	06:39:00	0.39	0.00	0.00	0.00	9.27		* Line hand tripped for voltage regulation. NR-2303-1836
CKT	400kV BANALA-AMRITSAR-1	LVRD	04-03-2023	20:50:00	05-03-2023	06:29:00	0.40	0.00	0.00	0.00	9.65		* Line hand tripped for voltage regulation. NR-2303-1112
CKT	400kV BANALA-AMRITSAR-1	LVRD	09-03-2023	21:24:00	10-03-2023	07:54:00	0.44	0.00	0.00	0.00	10.50		* Line hand tripped for voltage regulation
CKT	400kV BANALA-AMRITSAR-1	LVRD	28-03-2023	21:25:00	29-03-2023	05:36:00	0.34	0.00	0.00	0.00	8.18		* Line hand tripped for voltage regulation.NR-6920

## Standard of Performance data for the month of Mar-2023

**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 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 BANALA-AMRITSAR-1	LVRD	01-03-2023	00:00:01	01-03-2023	07:23:00	0.31	0.00	0.00	0.00	7.38		* Line hand tripped for voltage regulation. NR 2302-7699
CKT	400kV BANALA-AMRITSAR-1	LVRD	01-03-2023	21:54:00	02-03-2023	06:52:00	0.37	0.00	0.00	0.00	8.97		* Line hand tripped for voltage regulation
CKT	400kV BANALA-AMRITSAR-1	LVRD	20-03-2023	21:21:00	21-03-2023	06:13:00	0.37	0.00	0.00	0.00	8.87		* Line hand tripped for voltage regulation.NR-4931
CKT	400kV BANALA-AMRITSAR-1	LVRD	22-03-2023	20:56:00	23-03-2023	06:54:00	0.42	0.00	0.00	0.00	9.97		* Line hand tripped for voltage regulation. NR 2303-5412
CKT	400kV BANALA-AMRITSAR-1	LVRD	29-03-2023	21:42:00	30-03-2023	06:04:00	0.35	0.00	0.00	0.00	8.37		* Line hand tripped for voltage regulation. NR 2303-7200
CKT	400kV BANALA-AMRITSAR-1	LVRD	23-03-2023	20:35:00	24-03-2023	07:22:00	0.45	0.00	0.00	0.00	10.78		* LVRD Line hand tripped for voltage regulation. NR 2303-5655
CKT	400kV BANALA-AMRITSAR-1	LVRD	25-03-2023	21:18:00	26-03-2023	07:49:00	0.44	0.00	0.00	0.00	10.52		* Line hand tripped for voltage regulation
CKT	400kV BANALA-AMRITSAR-1	LVRD	26-03-2023	23:10:00	27-03-2023	06:51:00	0.32	0.00	0.00	0.00	7.68		* LVRD Line hand tripped for voltage regulation. NR 2303-6394
CKT	400kV BANALA-AMRITSAR-1	LVRD	17-03-2023	21:14:00	18-03-2023	07:52:00	0.44	0.00	0.00	0.00	10.63		* Line hand tripped for voltage regulation. NR 2303-4219
							10.10	0.00	0.00	0.00	242.11	100.00	
CKT	400kV BANALA-HAMIRPUR	LART	24-03-2023	21:28:00	24-03-2023	21:28:00	0.00	0.00	0.00	0.00	0.00		* Line auto reclosed on B-N fault. FLR Hamirpur: Ib=6.09kA FL=8.57kM, FLR Banala: FL=65.8 kM, Ib=4.5kA* Enter text here...
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BANALA-KOLDAM(NTPC)	OMS U	13-03-2023	17:00:00	13-03-2023	22:55:00	0.25	0.00	5.92	0.00	0.00		* Line tripped on Y-N persitantnt fault. FLR Banala : 23.1kM, 5.5kA. BUS BAR tripped at Koldam, NHPC <(>&<> fault persist in INDIGRID portion.
							0.25	0.00	5.92	0.00	0.00	100.00	
CKT	400kV NALAGARH-BANALA	OSPT	27-03-2023	09:26:00	27-03-2023	18:58:00	0.40	9.53	0.00	0.00	0.00		* SD taken for AMP of Line and rectification of shutdown nature defects NR 2303-6480
							0.40	9.53	0.00	0.00	0.00	98.72	
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	15-03-2023	21:39:00	16-03-2023	06:34:00	0.37	0.00	0.00	0.00	8.92		* Line hand tripped for voltage regulation. NR-2303-3796
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	03-03-2023	21:52:00	04-03-2023	09:05:00	0.47	0.00	0.00	0.00	11.22		* Line hand tripped for voltage regulation. NR-2303-873
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	04-03-2023	20:57:00	05-03-2023	07:07:00	0.42	0.00	0.00	0.00	10.17		* LVRD Line hand tripped for voltage regulation. NR-2303-1115
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	07-03-2023	21:16:00	08-03-2023	06:48:00	0.40	0.00	0.00	0.00	9.53		* Line hand tripped for voltage regulation. NR-2303-1835

## Standard of Performance data for the month of Mar-2023

**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 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 BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	14-03-2023	21:23:00	15-03-2023	07:15:00	0.41	0.00	0.00	0.00	9.87		* Line hand tripped for voltage regulation. NR-2303-3578
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	29-03-2023	23:02:00	30-03-2023	07:09:00	0.34	0.00	0.00	0.00	8.12		* Line hand tripped for voltage regulation. NR 2303-7204
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	31-03-2023	21:41:00	31-03-2023	23:59:59	0.10	0.00	0.00	0.00	2.32		* Line hand tripped for voltage regulation. NR 2303-7628
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	22-03-2023	21:09:00	23-03-2023	07:12:00	0.42	0.00	0.00	0.00	10.05		* Line hand tripped for voltage regulation. NR 2303-5419
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	17-03-2023	21:42:00	18-03-2023	09:38:00	0.50	0.00	0.00	0.00	11.93		* Line hand tripped for voltage regulation. NR 2303-4225
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	OSPD	03-03-2023	07:50:00	03-03-2023	18:58:00	0.46	0.00	0.00	0.00	11.13		* SD taken by BBMB for maintenance of line in their portion NR-2303-596
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	12-03-2023	21:54:00	13-03-2023	06:58:00	0.38	0.00	0.00	0.00	9.07		* Line hand tripped for voltage regulation
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	02-03-2023	22:03:00	03-03-2023	07:50:00	0.41	0.00	0.00	0.00	9.78		* Line hand tripped for voltage regulation
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	30-03-2023	17:43:00	31-03-2023	08:59:00	0.64	0.00	0.00	0.00	15.27		* VOLTAGE REGULATION.
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	08-03-2023	21:17:00	09-03-2023	07:01:00	0.41	0.00	0.00	0.00	9.73		* Line hand tripped for voltage regulation. NR-2303-1996
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	11-03-2023	20:15:00	12-03-2023	08:17:00	0.50	0.00	0.00	0.00	12.03		* Line hand tripped for voltage regulation. NR-2303-2806
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	19-03-2023	13:18:00	20-03-2023	07:34:00	0.76	0.00	0.00	0.00	18.27		* Line hand tripped for voltage regulation. NR 2303-4591
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	18-03-2023	21:15:00	19-03-2023	07:25:00	0.42	0.00	0.00	0.00	10.17		* Line hand tripped on VR
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	OMS U	24-03-2023	13:02:00	24-03-2023	17:45:00	0.20	0.00	4.72	0.00	0.00		* Line tripped due to over voltage protection operated at Bhiwani and DT received at Rajpura end.
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	23-03-2023	23:55:00	24-03-2023	08:48:00	0.37	0.00	0.00	0.00	8.88		* Line hand tripped for voltage regulation. NR 2303-5686
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	05-03-2023	20:19:00	06-03-2023	08:37:00	0.51	0.00	0.00	0.00	12.30		* VOLTAGE REGULATION.
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	25-03-2023	21:34:00	27-03-2023	08:10:00	1.44	0.00	0.00	0.00	34.60		* Line hand tripped for voltage regulation
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	09-03-2023	21:50:00	10-03-2023	08:10:00	0.43	0.00	0.00	0.00	10.33		* Line hand tripped for voltage regulation
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	13-03-2023	21:34:00	14-03-2023	07:00:00	0.39	0.00	0.00	0.00	9.43		* Line hand tripped for voltage regulation. NR-2303-3313
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	20-03-2023	13:28:00	21-03-2023	08:58:00	0.81	0.00	0.00	0.00	19.50		* Line hand tripped for voltage regulation. NR 2303-4795

## Standard of Performance data for the month of Mar-2023

**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 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 BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	21-03-2023	22:02:00	22-03-2023	07:01:00	0.37	0.00	0.00	0.00	8.98		* LVRD Line hand tripped for voltage regulation. NR 2303-5170
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	06-03-2023	22:44:00	07-03-2023	07:53:00	0.38	0.00	0.00	0.00	9.15		* Line hand tripped for voltage regulation. NR-2303-1594
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	24-03-2023	20:55:00	25-03-2023	07:41:00	0.45	0.00	0.00	0.00	10.77		* Line hand tripped for voltage regulation. NR 2303-5898
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	16-03-2023	21:50:00	17-03-2023	07:51:00	0.42	0.00	0.00	0.00	10.02		* Line hand tripped for voltage regulation. NR-2303-4012
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	28-03-2023	21:31:00	29-03-2023	06:28:00	0.37	0.00	0.00	0.00	8.95		* Line hand tripped for voltage regulation.NR-6923
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	27-03-2023	21:34:00	28-03-2023	06:41:00	0.38	0.00	0.00	0.00	9.12		* Line hand tripped for voltage regulation. NR 2303-6656
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	01-03-2023	00:00:01	01-03-2023	07:21:00	0.31	0.00	0.00	0.00	7.35		* Line hand tripped for voltage regulation. NR 2302-7708
CKT	400kV BHIWANI(BBMB)-RAJPURA(PSTCL)	LVRD	01-03-2023	21:30:00	02-03-2023	07:07:00	0.40	0.00	0.00	0.00	9.62		* Line hand tripped for voltage regulation
							14.64	0.00	4.72	0.00	346.58	100.00	
CKT	400kV CHAMBA-JALLANDHAR-1	LVRD	24-03-2023	23:53:00	25-03-2023	07:06:00	0.30	0.00	0.00	0.00	7.22		* Line hand tripped for voltage regulation. NR 2303-5942
CKT	400kV CHAMBA-JALLANDHAR-1	LVRD	28-03-2023	21:30:00	29-03-2023	05:43:00	0.34	0.00	0.00	0.00	8.22		* Line hand tripped for voltage regulation.NR-6925
CKT	400kV CHAMBA-JALLANDHAR-1	LART	18-03-2023	01:37:00	18-03-2023	01:37:00	0.00	0.00	0.00	0.00	0.00		* Line A/R on R-N fault. FLR Jalandhar : 74.012kM, 4.8kA <(>&<)> Chamba : 84.4kM, 2.8kA. ---
CKT	400kV CHAMBA-JALLANDHAR-1	LART	20-03-2023	09:33:00	20-03-2023	09:33:00	0.00	0.00	0.00	0.00	0.00		* LART Autoreclosed successfully from both ends on R-N. FLR Jalandhar : 157.17 kM, 3.53 kA , FLR Chamba 22.97 km , Ir=7.146 ----
							0.64	0.00	0.00	0.00	15.44	100.00	
CKT	400kV CHAMBA-JALLANDHAR-2	LVRD	30-03-2023	00:25:00	30-03-2023	07:01:00	0.28	0.00	0.00	0.00	6.60		* Line hand tripped for voltage regulation. NR 2303-7211
CKT	400kV CHAMBA-JALLANDHAR-2	LVRD	20-03-2023	21:40:00	21-03-2023	08:07:00	0.44	0.00	0.00	0.00	10.45		* Line hand tripped for voltage regulation.NR-4940
							0.72	0.00	0.00	0.00	17.05	100.00	
CKT	400kV CHAMERA1(NHPC)-JALLANDHAR-1	LVRD	01-03-2023	00:00:01	01-03-2023	08:55:00	0.37	0.00	0.00	0.00	8.92		* Line hand tripped for voltage regulation. NR 2302-7695
CKT	400kV CHAMERA1(NHPC)-JALLANDHAR-1	OSPD	02-03-2023	09:06:00	02-03-2023	16:16:00	0.30	0.00	0.00	0.00	7.17		* to attend SF6 gas leakage in Unit#1 Bus-I isolator and Bus-II isolator compartment. NR-2303-339

## Standard of Performance data for the month of Mar-2023

### 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 ATTRIBU TABLE TO ISTS Licensee	OUTAGE ATTRIBU TABLE To Others	OUTAGE ATTRIBU TABLE To System Constraint	OUTAGE ATTRIBU TABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV CHAMERA1(NHPC)-JALLANDHAR-1	LVRD	28-03-2023	02:25:00	28-03-2023	06:33:00	0.17	0.00	0.00	0.00	4.13		* LVRD Line hand tripped for voltage regulation. NR 2303-6689
CKT	400kV CHAMERA1(NHPC)-JALLANDHAR-1	OSFD	14-03-2023	14:08:00	14-03-2023	18:42:00	0.19	0.00	0.00	0.00	4.57		* SD taken by NHPC for restoration of Line reactor at Chamera1.
CKT	400kV CHAMERA1(NHPC)-JALLANDHAR-1	LVRD	25-03-2023	22:03:00	26-03-2023	09:02:00	0.46	0.00	0.00	0.00	10.98		* Line hand tripped for voltage regulation
CKT	400kV CHAMERA1(NHPC)-JALLANDHAR-1	LVRD	27-03-2023	00:38:00	27-03-2023	09:17:00	0.36	0.00	0.00	0.00	8.65		* LVRD Line hand tripped for voltage regulation. NR 2303-6400
CKT	400kV CHAMERA1(NHPC)-JALLANDHAR-1	OMS U	25-03-2023	20:37:00	25-03-2023	22:03:00	0.06	0.00	1.43	0.00	0.00		* Line AR optd successfully on BN fault from Jalandhar but tripped from Chamera I. FLR Jalandhar:-Main-1:-IB-4.867 KA <(>&<)> 75.769 Km. Main-2:- IB-4.828 KA <(>&<)> 76.035 Km
CKT	400kV CHAMERA1(NHPC)-JALLANDHAR-1	OSFD	16-03-2023	10:34:00	16-03-2023	15:30:00	0.21	0.00	0.00	0.00	4.93		* Emergency SD taken for attending flashover on line isolator at chamera end. NR 2302-3875
CKT	400kV CHAMERA1(NHPC)-JALLANDHAR-1	LVRD	07-03-2023	20:57:00	09-03-2023	06:52:00	1.41	0.00	0.00	0.00	33.92		* Line hand tripped on voltage regulation.NR-1828
CKT	400kV CHAMERA1(NHPC)-JALLANDHAR-1	LVRD	23-03-2023	21:19:00	24-03-2023	08:08:00	0.45	0.00	0.00	0.00	10.82		* Line hand tripped for voltage regulation. NR 2303-5667
CKT	400kV CHAMERA1(NHPC)-JALLANDHAR-1	LVRD	30-03-2023	22:41:00	31-03-2023	06:39:00	0.33	0.00	0.00	0.00	7.97		* Line hand tripped for voltage regulation. NR 2303-7408
CKT	400kV CHAMERA1(NHPC)-JALLANDHAR-1	OMS U	20-03-2023	09:46:00	20-03-2023	13:36:00	0.16	0.00	3.83	0.00	0.00		* Tripped on B-N fault from Chamera 1 end while autoreclosed successfully form Jalandhar end. FLR Jalandhar : 142.32 kM, 4.24kA
							4.47	0.00	5.26	0.00	102.06	100.00	
CKT	400kV CHAMERA1(NHPC)-JALLANDHAR-2	OSPD	02-03-2023	09:07:00	02-03-2023	17:45:00	0.36	0.00	0.00	0.00	8.63		* SD taken by Chamera-1 NHPC attend SF6 gas leakage in Unit#1 Bus-I isolator and Bus-II isolator compartment. NR-2303-340
CKT	400kV CHAMERA1(NHPC)-JALLANDHAR-2	LVRD	29-03-2023	23:38:00	30-03-2023	06:17:00	0.28	0.00	0.00	0.00	6.65		* Line hand tripped for voltage regulation. NR 2303-7211
CKT	400kV CHAMERA1(NHPC)-JALLANDHAR-2	LVRD	24-03-2023	22:08:00	25-03-2023	07:22:00	0.39	0.00	0.00	0.00	9.23		* Line hand tripped for voltage regulation. NR 2303-5926
CKT	400kV CHAMERA1(NHPC)-JALLANDHAR-2	LVRD	20-03-2023	21:49:00	21-03-2023	08:14:00	0.43	0.00	0.00	0.00	10.42		* Line hand tripped for voltage regulation.NR-2149* 21.03.2023 06:31:49 INDIA Balkar Singh (60016609) Phone 7589275148* NR-4939



**Standard of Performance data for the month of Mar-2023**

**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 ATTRIBU TABLE TO ISTS Licensee	OUTAGE ATTRIBU TABLE To Others	OUTAGE ATTRIBU TABLE To System Constraint	OUTAGE ATTRIBU TABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV CHAMERA1(NHPC)-JALLANDHAR-2	LVRD	17-03-2023	21:17:00	18-03-2023	08:17:00	0.46	0.00	0.00	0.00	11.00		* Line hand tripped for voltage regulation. NR 2303-4230
CKT	400kV CHAMERA1(NHPC)-JALLANDHAR-2	LVRD	31-03-2023	21:27:00	31-03-2023	23:59:59	0.11	0.00	0.00	0.00	2.55		* Line hand tripped for voltage regulation. NR 2303-7632
							2.03	0.00	0.00	0.00	48.48	100.00	
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)	OSPD	27-03-2023	11:13:00	27-03-2023	17:51:00	0.28	0.00	0.00	0.00	6.63		* OSPD SD taken by NHPC Chamera2 for testing os CVT and LA at their end. NR 2303-6522
CKT	400kV CHAMERA1(NHPC)-CHAMERA2(NHPC)	OSPD	02-03-2023	09:33:00	02-03-2023	16:14:00	0.28	0.00	0.00	0.00	6.68		* SD taken by Chamera-1 NHPC to attend SF6 gas leakage in Unit#1 Bus-I isolator and Bus-II isolator compartment. NR-2303-355
							0.56	0.00	0.00	0.00	13.31	100.00	
CKT	400kV CHAMERA2(NHPC)-KISHENPUR	OSPD	27-03-2023	11:07:00	27-03-2023	17:41:00	0.27	0.00	0.00	0.00	6.57		* SD taken by NHPC Chamera2 for testing os CVT and LA at their end. NR 2303-6523
							0.27	0.00	0.00	0.00	6.57	100.00	
CKT	400kV DEHAR(BBMB)-RAJPURA(PSTCL)	OSPD	24-03-2023	10:14:00	24-03-2023	20:45:00	0.44	0.00	0.00	0.00	10.52		* SD taken by BBMB for implementation of Numerical Low Impedance Busbar protection scheme. NR 2303-5756
							0.44	0.00	0.00	0.00	10.52	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	OSPD	13-03-2023	10:32:00	13-03-2023	18:29:00	0.33	0.00	0.00	0.00	7.95		* SD taken for safety purpose as failed B-phase Lightening Arrester to be replaced in 400KV Kishenpur-Dulhasti-2 at Dulhasti(NH) end. NR-2303-3162
							0.33	0.00	0.00	0.00	7.95	100.00	
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	02-03-2023	08:16:00	02-03-2023	18:22:00	0.42	0.00	0.00	0.00	10.10		* LCSD SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR-2303-307

**Standard of Performance data for the month of Mar-2023**

**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 ATTRIBU TABLE TO ISTS Licensee	OUTAGE ATTRIBU TABLE To Others	OUTAGE ATTRIBU TABLE To System Constraint	OUTAGE ATTRIBUT ABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	01-03-2023	08:56:00	01-03-2023	18:00:00	0.38	0.00	0.00	0.00	9.07		* LCSD SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR-2303-69
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	20-03-2023	09:05:00	20-03-2023	19:48:00	0.45	0.00	0.00	0.00	10.72		* SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR-2303-4731
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	28-03-2023	08:26:00	28-03-2023	16:50:00	0.35	0.00	0.00	0.00	8.40		* SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR 2303-6728
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	21-03-2023	09:09:00	21-03-2023	17:54:00	0.37	0.00	0.00	0.00	8.75		* SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR 2303-5012
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	18-03-2023	12:18:00	18-03-2023	19:13:00	0.29	0.00	0.00	0.00	6.92		* SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs.NR-2303-4365
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	27-03-2023	08:26:00	27-03-2023	19:56:00	0.48	0.00	0.00	0.00	11.50		* SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR 2303-6447
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	31-03-2023	08:34:00	31-03-2023	16:58:00	0.35	0.00	0.00	0.00	8.40		* 400KV Dulhasti Kishenpur -II is a Double circuit Line but stringing is done on one circuit only. Award has been placed for stringing on Circuit 2. under evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. Shutdown is required to carryout stringing on circuit 2

**Standard of Performance data for the month of Mar-2023**

**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 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 DULHASTI(NHPC)-KISHENPUR-2	LCSD	22-03-2023	09:37:00	22-03-2023	20:30:00	0.45	0.00	0.00	0.00	10.88		* LCSD SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR 230= 3-5243
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	29-03-2023	08:24:00	29-03-2023	17:16:00	0.37	0.00	0.00	0.00	8.87		* SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR 2303-6996
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	03-03-2023	08:12:00	03-03-2023	18:32:00	0.43	0.00	0.00	0.00	10.33		* SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR-2303-572
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	08-03-2023	08:15:00	08-03-2023	17:58:00	0.41	0.00	0.00	0.00	9.72		* SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR-2303-1863
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	30-03-2023	08:28:00	30-03-2023	17:58:00	0.40	0.00	0.00	0.00	9.50		* SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR 2303-7257
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	19-03-2023	08:26:00	19-03-2023	19:39:00	0.47	0.00	0.00	0.00	11.22		* SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR-2303-4537
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	25-03-2023	11:44:00	25-03-2023	16:46:00	0.21	0.00	0.00	0.00	5.03		* SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR 2303-6074
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	09-03-2023	08:13:00	09-03-2023	18:33:00	0.43	0.00	0.00	0.00	10.33		* LCSD SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR-230= 3-2060

**Standard of Performance data for the month of Mar-2023**

**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 ATTRIBU TABLE TO ISTS Licensee	OUTAGE ATTRIBU TABLE To Others	OUTAGE ATTRIBU TABLE To System Constraint	OUTAGE ATTRIBU TABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	SEFU	10-03-2023	19:30:00	15-03-2023	19:45:00	5.01	0.00	120.25	0.00	0.00		* Line tripped on BN fault.FLR Kishenpur:-* Main-1:- BN fault,IB-3.37 KA <(>&<> 121.8 Km* Main-2:- BN fault,IB-2.65 KA <(>&<> 119.4 Km* 10.03.2023 20:10:58 INDIA Virender Singh (60016671)* AR optd, Zone-2 Trip, Carrier receive.* B Ph LA blasted at Dulhasti S/Yard.
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	10-03-2023	08:23:00	10-03-2023	19:06:00	0.45	0.00	0.00	0.00	10.72		* SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR-2303-2328
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	06-03-2023	08:13:00	06-03-2023	18:19:00	0.42	0.00	0.00	0.00	10.10		* SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR-2303-1336
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	16-03-2023	08:06:00	16-03-2023	18:19:00	0.43	0.00	0.00	0.00	10.22		* SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR-2303-3837
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	24-03-2023	08:20:00	24-03-2023	17:59:00	0.40	0.00	0.00	0.00	9.65		* SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR 2303-5707
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	05-03-2023	08:07:00	05-03-2023	18:06:00	0.42	0.00	0.00	0.00	9.98		* SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR-2303-1161
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	04-03-2023	08:06:00	04-03-2023	18:00:00	0.41	0.00	0.00	0.00	9.90		* SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR-2303-905

## Standard of Performance data for the month of Mar-2023

**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 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 DULHASTI(NHPC)-KISHENPUR-2	LCSD	07-03-2023	08:11:00	07-03-2023	19:12:00	0.46	0.00	0.00	0.00	11.02		* 400KV Dulhasti Kishenpur -II is a Double circuit Line but stringing is done on one circuit only. Award has been placed for stringing on Circuit 2. under evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. Shutdown is required to carryout stringing on circuit 2
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	26-03-2023	08:23:00	26-03-2023	17:42:00	0.39	0.00	0.00	0.00	9.32		* LCSD SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR 230= 3-6257
CKT	400kV DULHASTI(NHPC)-KISHENPUR-2	LCSD	23-03-2023	08:23:00	23-03-2023	19:42:00	0.47	0.00	0.00	0.00	11.32		* SD taken for stringing of 2nd circuit is being executed for evacuation of Power from Pakaldul HEP in Chenab Valley HEPs. NR 2303-5472
							15.12	0.00	120.25	0.00	241.97	100.00	
CKT	400kV JALANDHAR-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	
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	OSFT	26-03-2023	16:33:00	26-03-2023	22:00:00	0.23	5.45	0.00	0.00	0.00		* SD taken for rectification of broken insulator string at T Loc No.548. NR 2303-6346
CKT	400kV JALLANDHAR-MOGA-1	LVRD	26-03-2023	22:00:00	27-03-2023	08:36:00	0.44	0.00	0.00	0.00	10.60		* Line hand tripped for voltage regulation
							0.67	5.45	0.00	0.00	10.60	99.27	
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			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-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)	LVRD	09-03-2023	00:42:00	09-03-2023	08:26:00	0.32	0.00	0.00	0.00	7.73		* Line hand tripped for voltage regulation. NR-2303-2017

## Standard of Performance data for the month of Mar-2023

**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 ATTRIBU TABLE TO Licensee	OUTAGE ATTRIBU TABLE To Others	OUTAGE ATTRIBU TABLE To System Constraint	OUTAGE ATTRIBUT ABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV KAITHAL-DADRI(NTPC)	LART	03-03-2023	18:22:00	03-03-2023	18:22:00	0.00	0.00	0.00	0.00	0.00		* Line successfully A/R on B-N fault. FLR Kaithal: 103.9km, 3.49kA, DADRI: 98.8km, 3.71kA
CKT	400kV KAITHAL-DADRI(NTPC)	LVRD	25-03-2023	22:50:00	26-03-2023	07:51:00	0.38	0.00	0.00	0.00	9.02		* LVRD Line hand tripped for voltage regulation. NR 2303-6201
CKT	400kV KAITHAL-DADRI(NTPC)	OSFT	04-03-2023	15:21:00	04-03-2023	18:29:00	0.13	3.13	0.00	0.00	0.00		* SD taken by NR-1 for removing of kite thread at Loc. No. 278. NR-2303-1021
CKT	400kV KAITHAL-DADRI(NTPC)	LVRD	24-03-2023	23:55:00	25-03-2023	07:25:00	0.31	0.00	0.00	0.00	7.50		* Line hand tripped for voltage regulation. NR 2303-5943
CKT	400kV KAITHAL-DADRI(NTPC)	OMS U	28-03-2023	04:07:00	28-03-2023	04:35:00	0.02	0.00	0.47	0.00	0.00		* OMSU Line auto reclosed on Y-N fault from Kaithal and tripped from Dadri. Kaithal: Y-N. Iy=2.3kA, 179.3kms. Dadri: Gen trip, Zone-1 NR 2303-6696
CKT	400kV KAITHAL-DADRI(NTPC)	LART	04-03-2023	05:39:00	04-03-2023	05:39:00	0.00	0.00	0.00	0.00	0.00		* 400KV DADRI-KAITHAL 3/4/2023 5:39 3/4/2023 5:39 LART Line successfully A/R on R-N fault. FLR Kaithal: 103.608kM, 3.557kA, DADRI: 99kM, 3.7kA
CKT	400kV KAITHAL-DADRI(NTPC)	LART	02-03-2023	07:00:00	02-03-2023	07:00:00	0.00	0.00	0.00	0.00	0.00		* LART Line A/R pn Y-N fault. FLR Kaithal : 142kM, 2.7kA <(>&<)> Dadri : 57.33kM. -----
							1.16	3.13	0.47	0.00	24.25	99.58	
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	OSPD	04-03-2023	09:11:00	04-03-2023	18:20:00	0.38	0.00	0.00	0.00	9.15		* SD taken by JKPTCL for maintenance of their bay and their line portion. NR-2303-920
CKT	400kV KISHENPUR-BAGLIHAR-3	OSPT	03-03-2023	11:45:00	03-03-2023	18:40:00	0.29	6.92	0.00	0.00	0.00		* SD taken by JKPTCL for maintenance of their bay and their line portion. NR-2303-696
							0.67	6.92	0.00	0.00	9.15	99.07	
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	

## Standard of Performance data for the month of Mar-2023

**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 ATTRIBU TABLE TO ISTS Licensee	OUTAGE ATTRIBU TABLE To Others	OUTAGE ATTRIBU TABLE To System Constraint	OUTAGE ATTRIBUT ABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV KISHENPUR-SAMBA-2	OSFT	22-03-2023	09:37:00	22-03-2023	09:40:00	0.00	0.05	0.00	0.00	0.00		* OSFT Line taken under shutdown to facilitate shutdown of 400KV Kishenpur-Dulhasti-2 line as 406 CB (main bay of 400KV Kishenpur-Samba-2 Line) is out due to Y pole stuck condition. NR 2303-5248
CKT	400kV KISHENPUR-SAMBA-2	OSFT	21-03-2023	09:09:00	21-03-2023	09:13:00	0.00	0.07	0.00	0.00	0.00		* Line taken under shutdown to facilitate shutdown of 400KV Kishenpur-Dulhasti-2 line as 406 CB (main bay of 400KV Kishenpur-Samba-2 Line) is out due to Y pole stuck condition. NR 2303-5013
CKT	400kV KISHENPUR-SAMBA-2	OSFT	20-03-2023	19:44:00	20-03-2023	19:47:00	0.00	0.05	0.00	0.00	0.00		* Line taken under shutdown to facilitate charging of 400KV Kishenpur-Dulhasti-2 line as 406 CB (main bay of 400KV Kishenpur-Samba-2 Line) is in stuck condition. NR 2303-4911
CKT	400kV KISHENPUR-SAMBA-2	OSFT	21-03-2023	17:54:00	21-03-2023	17:54:00	0.00	0.00	0.00	0.00	0.00		* Line taken under shutdown to facilitate shutdown of 400KV Kishenpur-Dulhasti-2 line as 406 CB (main bay of 400KV Kishenpur-Samba-2 Line) is out due to Y pole stuck condition. NR 2303-5134
							0.00	0.17	0.00	0.00	0.00	99.98	
CKT	400kV KISHENPUR-NEW WANPOH-1	LART	25-03-2023	14:56:00	25-03-2023	14:56:00	0.00	0.00	0.00	0.00	0.00		* Line AR optd successfully on YN fault. FLR Kishanpur:-Main-1:- IY-5.89 KA <(>&<)> 44.64 Km. Main-2:- IY-5.76 KA <(>&<)> 44.5 Km
							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	OSPT	28-03-2023	10:12:00	28-03-2023	17:43:00	0.31	7.52	0.00	0.00	0.00		* AMP work of Tr. Line (Defect rectification/ Jumper Bolt/Nut Loose=, Vibration damper Loose) NR 2303-6742
							0.31	7.52	0.00	0.00	0.00	98.99	

## Standard of Performance data for the month of Mar-2023

**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 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 KOLDAM(NTPC)-NALAGARH-2	OSPT	28-03-2023	09:25:00	28-03-2023	18:23:00	0.37	8.97	0.00	0.00	0.00		* SD taken for AMP of Line and rectification of shutdown nature defects NR 2303-6765
							0.37	8.97	0.00	0.00	0.00	98.79	
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	30-03-2023	17:33:00	31-03-2023	23:59:59	1.27	0.00	0.00	0.00	30.45		* VOLTAGE REGULATION.
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	14-03-2023	21:20:00	15-03-2023	07:39:00	0.43	0.00	0.00	0.00	10.32		* Line hand tripped for voltage regulation. NR-2303-3588
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	18-03-2023	13:16:00	19-03-2023	08:03:00	0.78	0.00	0.00	0.00	18.78		* Line hand tripped for voltage regulation. NR 2303-4377
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	07-03-2023	21:06:00	08-03-2023	06:48:00	0.40	0.00	0.00	0.00	9.70		* Line hand tripped for voltage regulation. NR-2303-1821
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	05-03-2023	21:10:00	06-03-2023	08:46:00	0.48	0.00	0.00	0.00	11.60		* Line hand tripped for voltage regulation. NR-2303-1317
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	27-03-2023	00:18:00	27-03-2023	07:45:00	0.31	0.00	0.00	0.00	7.45		* Line hand tripped for voltage regulation. NR 2303-6399
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	10-03-2023	22:25:00	11-03-2023	08:16:00	0.41	0.00	0.00	0.00	9.85		* Line hand tripped for voltage regulation
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	08-03-2023	21:35:00	09-03-2023	06:40:00	0.38	0.00	0.00	0.00	9.08		* Line hand tripped for voltage regulation. NR-2303-2004
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	12-03-2023	21:45:00	13-03-2023	08:17:00	0.44	0.00	0.00	0.00	10.53		* Line hand tripped for voltage regulation
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	12-03-2023	03:19:00	12-03-2023	08:51:00	0.23	0.00	0.00	0.00	5.53		* Line hand tripped for voltage regulation. NR-2303-2838
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	16-03-2023	02:16:00	17-03-2023	08:16:00	1.25	0.00	0.00	0.00	30.00		* Line hand tripped for voltage regulation. NR-2303-3806
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	17-03-2023	21:22:00	18-03-2023	09:45:00	0.52	0.00	0.00	0.00	12.38		* Line hand tripped for voltage regulation. NR 2303-4227
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	29-03-2023	03:05:00	29-03-2023	07:18:00	0.18	0.00	0.00	0.00	4.22		* Line hand tripped for voltage regulation.NR-6960
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	19-03-2023	13:21:00	21-03-2023	09:02:00	1.82	0.00	0.00	0.00	43.68		* Line hand tripped for voltage regulation. NR 2303-4590
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	23-03-2023	21:21:00	24-03-2023	09:30:00	0.51	0.00	0.00	0.00	12.15		* Line hand tripped for voltage regulation. NR 2303-5660
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	04-03-2023	20:46:00	05-03-2023	07:41:00	0.46	0.00	0.00	0.00	10.92		* Line hand tripped for voltage regulation. NR-2303-1107
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	27-03-2023	21:31:00	28-03-2023	06:48:00	0.39	0.00	0.00	0.00	9.28		* Line hand tripped for voltage regulation. NR 2303-6658
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	13-03-2023	21:06:00	14-03-2023	08:50:00	0.49	0.00	0.00	0.00	11.73		* Line hand tripped for voltage regulation. NR-2303-3308
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	02-03-2023	20:50:00	03-03-2023	09:11:00	0.52	0.00	0.00	0.00	12.35		* Line hand tripped for voltage regulation. NR-2303-537



## Standard of Performance data for the month of Mar-2023

### 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 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 KURUKSHETRA-JALANDHAR	LVRD	06-03-2023	20:55:00	07-03-2023	08:42:00	0.49	0.00	0.00	0.00	11.78		* Line hand tripped for voltage regulation. NR-2303-1580
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	30-03-2023	00:34:00	30-03-2023	09:11:00	0.36	0.00	0.00	0.00	8.62		* Line hand tripped for voltage regulation. NR 2303-7222
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	22-03-2023	20:59:00	23-03-2023	08:56:00	0.50	0.00	0.00	0.00	11.95		* Line hand tripped for voltage regulation. NR 2303-5411
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	22-03-2023	02:06:00	22-03-2023	08:48:00	0.28	0.00	0.00	0.00	6.70		* Line hand tripped for voltage regulation. NR 2303-5195
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	24-03-2023	22:12:00	25-03-2023	08:08:00	0.41	0.00	0.00	0.00	9.93		* Line hand tripped for voltage regulation. NR 2303-5922
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	02-03-2023	02:01:00	02-03-2023	07:00:00	0.21	0.00	0.00	0.00	4.98		* Line hand tripped for voltage regulation. NR-2303-276
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	01-03-2023	00:00:01	01-03-2023	08:53:00	0.37	0.00	0.00	0.00	8.88		* Line hand tripped for voltage regulation. NR 2302-7696
CKT	400kV KURUKSHETRA-JALANDHAR	LVRD	01-03-2023	00:00:01	31-03-2023	23:59:59	31.00	0.00	0.00	0.00	744.00		* LVRD Line hand tripped for voltage regulation. NR 2210-3832
							44.89	0.00	0.00	0.00	1,076.84	100.00	
CKT	400kV KURUKSHETRA-JIND-1	LVRD	20-03-2023	13:10:00	21-03-2023	09:17:00	0.84	0.00	0.00	0.00	20.12		* Line hand tripped for voltage regulation. NR 2303-4789
CKT	400kV KURUKSHETRA-JIND-1	LVRD	05-03-2023	20:18:00	06-03-2023	08:54:00	0.53	0.00	0.00	0.00	12.60		* VOLTAGE REGULATION.
CKT	400kV KURUKSHETRA-JIND-1	LVRD	12-03-2023	16:15:00	13-03-2023	08:30:00	0.68	0.00	0.00	0.00	16.25		* B/R hand tripped for voltage regulation. NR-2303-2994
CKT	400kV KURUKSHETRA-JIND-1	LVRD	09-03-2023	17:21:00	10-03-2023	08:15:00	0.62	0.00	0.00	0.00	14.90		* Line hand tripped for voltage regulation. NR-2303-2227
CKT	400kV KURUKSHETRA-JIND-1	LVRD	17-03-2023	21:24:00	19-03-2023	08:32:00	1.46	0.00	0.00	0.00	35.13		* Line hand tripped for voltage regulation
CKT	400kV KURUKSHETRA-JIND-1	LVRD	21-03-2023	16:45:00	22-03-2023	08:41:00	0.66	0.00	0.00	0.00	15.93		* Line hand tripped for voltage regulation. NR 2303-5115
CKT	400kV KURUKSHETRA-JIND-1	LVRD	14-03-2023	21:22:00	15-03-2023	08:40:00	0.47	0.00	0.00	0.00	11.30		* Line hand tripped for voltage regulation. NR-2303-3582
CKT	400kV KURUKSHETRA-JIND-1	LVRD	25-03-2023	21:28:00	27-03-2023	08:08:00	1.44	0.00	0.00	0.00	34.67		* Line hand tripped for voltage regulation
CKT	400kV KURUKSHETRA-JIND-1	LVRD	03-03-2023	22:06:00	04-03-2023	07:53:00	0.41	0.00	0.00	0.00	9.78		* Line hand tripped for voltage regulation. NR-2303-869
CKT	400kV KURUKSHETRA-JIND-1	LVRD	01-03-2023	20:31:00	02-03-2023	08:42:00	0.51	0.00	0.00	0.00	12.18		* Line hand tripped for voltage regulation. NR-2303-69
CKT	400kV KURUKSHETRA-JIND-1	LVRD	07-03-2023	21:14:00	08-03-2023	06:55:00	0.40	0.00	0.00	0.00	9.68		* Line hand tripped for voltage regulation. NR-2303-1822
CKT	400kV KURUKSHETRA-JIND-1	LVRD	28-03-2023	13:05:00	29-03-2023	07:20:00	0.76	0.00	0.00	0.00	18.25		* Line hand tripped for voltage regulation. NR 2303-6809
CKT	400kV KURUKSHETRA-JIND-1	LVRD	23-03-2023	21:30:00	24-03-2023	08:31:00	0.46	0.00	0.00	0.00	11.02		* Line hand tripped for voltage regulation. NR 2303-5661

## Standard of Performance data for the month of Mar-2023

**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 Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							9.24	0.00	0.00	0.00	221.81	100.00	
CKT	400kV KURUKSHETRA-JIND-2	LVRD	27-03-2023	13:12:00	28-03-2023	09:10:00	0.83	0.00	0.00	0.00	19.97		* Line hand tripped for voltage regulation. NR 2303-6541
CKT	400kV KURUKSHETRA-JIND-2	LVRD	24-03-2023	21:26:00	25-03-2023	08:40:00	0.47	0.00	0.00	0.00	11.23		* Line hand tripped for voltage regulation. NR 2303-5918
CKT	400kV KURUKSHETRA-JIND-2	LVRD	16-03-2023	21:34:00	17-03-2023	07:27:00	0.41	0.00	0.00	0.00	9.88		* Line hand tripped for voltage regulation. NR-2303-4011
CKT	400kV KURUKSHETRA-JIND-2	LVRD	15-03-2023	21:18:00	16-03-2023	07:18:00	0.42	0.00	0.00	0.00	10.00		* Line hand tripped for voltage regulation. NR-2303-3788
CKT	400kV KURUKSHETRA-JIND-2	LVRD	29-03-2023	15:29:00	31-03-2023	23:59:59	2.36	0.00	0.00	0.00	56.52		* VOLTAGE REGULATION.
CKT	400kV KURUKSHETRA-JIND-2	LVRD	04-03-2023	20:43:00	05-03-2023	08:28:00	0.49	0.00	0.00	0.00	11.75		* Line hand tripped for voltage regulation. NR-2303-1108
CKT	400kV KURUKSHETRA-JIND-2	LVRD	08-03-2023	21:15:00	09-03-2023	09:39:00	0.52	0.00	0.00	0.00	12.40		* Line hand tripped for voltage regulation. NR-2303-1993
CKT	400kV KURUKSHETRA-JIND-2	LVRD	19-03-2023	13:27:00	20-03-2023	07:30:00	0.75	0.00	0.00	0.00	18.05		* Line hand tripped for voltage regulation. NR 2303-4588
CKT	400kV KURUKSHETRA-JIND-2	LVRD	22-03-2023	21:04:00	23-03-2023	08:49:00	0.49	0.00	0.00	0.00	11.75		* Line hand tripped for voltage regulation. NR 2303-5410
CKT	400kV KURUKSHETRA-JIND-2	LVRD	11-03-2023	20:02:00	12-03-2023	08:48:00	0.53	0.00	0.00	0.00	12.77		* Line hand tripped for voltage regulation. NR-2303-2801
CKT	400kV KURUKSHETRA-JIND-2	LVRD	06-03-2023	20:56:00	07-03-2023	08:53:00	0.50	0.00	0.00	0.00	11.95		* Line hand tripped for voltage regulation. NR-2303-1582
CKT	400kV KURUKSHETRA-JIND-2	LVRD	02-03-2023	20:10:00	03-03-2023	09:05:00	0.54	0.00	0.00	0.00	12.92		* Line hand tripped for voltage regulation. NR-2303-529
CKT	400kV KURUKSHETRA-JIND-2	LVRD	10-03-2023	20:41:00	11-03-2023	08:15:00	0.48	0.00	0.00	0.00	11.57		* Line hand tripped on voltage regulation.NR/2532
CKT	400kV KURUKSHETRA-JIND-2	LVRD	13-03-2023	22:02:00	14-03-2023	08:45:00	0.45	0.00	0.00	0.00	10.72		* Line hand tripped for voltage regulation. NR-2303-3315
CKT	400kV KURUKSHETRA-JIND-2	LVRD	01-03-2023	00:00:01	01-03-2023	07:11:00	0.30	0.00	0.00	0.00	7.18		* Line hand tripped for voltage regulation. NR 2302-7680
							9.54	0.00	0.00	0.00	228.66	100.00	
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	19-03-2023	13:30:00	21-03-2023	08:11:00	1.78	0.00	0.00	0.00	42.68		* Line hand tripped for voltage regulation. NR 2303-4589
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	17-03-2023	21:35:00	19-03-2023	08:17:00	1.45	0.00	0.00	0.00	34.70		* Line hand tripped for voltage regulation. NR 2303-4222
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	14-03-2023	21:13:00	15-03-2023	07:37:00	0.43	0.00	0.00	0.00	10.40		* Line hand tripped for voltage regulation. NR-2303-3579
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	22-03-2023	21:21:00	23-03-2023	06:58:00	0.40	0.00	0.00	0.00	9.62		* Line hand tripped for voltage regulation. NR 2303-5408
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	15-03-2023	21:25:00	17-03-2023	08:13:00	1.45	0.00	0.00	0.00	34.80		* Line hand tripped for voltage regulation. NR-2303-3787

## Standard of Performance data for the month of Mar-2023

**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 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 KURUKSHETRA-NAKODAR(PSTCL)	LVRD	27-03-2023	13:17:00	28-03-2023	09:12:00	0.83	0.00	0.00	0.00	19.92		* Line hand tripped for voltage regulation. NR 2303-6542
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	11-03-2023	20:06:00	12-03-2023	08:47:00	0.53	0.00	0.00	0.00	12.68		* Line hand tripped for voltage regulation. NR-2303-2802
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	09-03-2023	21:11:00	10-03-2023	08:19:00	0.46	0.00	0.00	0.00	11.13		* Line hand tripped for voltage regulation
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	23-03-2023	20:32:00	24-03-2023	09:38:00	0.55	0.00	0.00	0.00	13.10		* LVRD Line hand tripped for voltage regulation. NR 2303-5652
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	07-03-2023	17:50:00	08-03-2023	09:22:00	0.65	0.00	0.00	0.00	15.53		* Line hand tripped on voltage regulation.NR-1787
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	06-03-2023	21:08:00	07-03-2023	08:54:00	0.49	0.00	0.00	0.00	11.77		* Line hand tripped for voltage regulation. NR-2303-1579
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	03-03-2023	20:13:00	04-03-2023	08:40:00	0.52	0.00	0.00	0.00	12.45		* Line hand tripped for voltage regulation. NR-2303-857
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	04-03-2023	20:48:00	05-03-2023	07:14:00	0.44	0.00	0.00	0.00	10.43		* Line hand tripped for voltage regulation. NR-2303-1106
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	21-03-2023	21:28:00	22-03-2023	06:55:00	0.39	0.00	0.00	0.00	9.45		* Line hand tripped for voltage regulation. NR 2303-5172
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	13-03-2023	21:16:00	14-03-2023	08:54:00	0.49	0.00	0.00	0.00	11.63		* Line hand tripped for voltage regulation. NR-2303-3307
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	12-03-2023	21:15:00	13-03-2023	08:54:00	0.49	0.00	0.00	0.00	11.65		* Line hand tripped for voltage regulation
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	28-03-2023	13:11:00	29-03-2023	07:26:00	0.76	0.00	0.00	0.00	18.25		* Line hand tripped for voltage regulation. NR 2303-6812
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	30-03-2023	13:46:00	31-03-2023	23:59:59	1.43	0.00	0.00	0.00	34.23		* Line hand tripped for voltage regulation. NR 2303-7301
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	08-03-2023	21:09:00	09-03-2023	07:57:00	0.45	0.00	0.00	0.00	10.80		* Line hand tripped for voltage regulation. NR-2303-1995
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	24-03-2023	20:33:00	27-03-2023	08:25:00	2.49	0.00	0.00	0.00	59.87		* Line hand tripped for voltage regulation.NR-5899
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	29-03-2023	16:03:00	30-03-2023	08:39:00	0.69	0.00	0.00	0.00	16.60		* VOLTAGE REGULATION.
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	10-03-2023	20:38:00	11-03-2023	08:31:00	0.50	0.00	0.00	0.00	11.88		* Line hand tripped on voltage regulation.NR/2533
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	02-03-2023	20:13:00	03-03-2023	08:53:00	0.53	0.00	0.00	0.00	12.67		* Line hand tripped for voltage regulation. NR-2303-531
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	05-03-2023	21:15:00	06-03-2023	08:52:00	0.48	0.00	0.00	0.00	11.62		* Line hand tripped for voltage regulation. NR-2303-1316
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	01-03-2023	20:27:00	02-03-2023	08:40:00	0.51	0.00	0.00	0.00	12.22		* Line hand tripped for voltage regulation. NR-2303-242
CKT	400kV KURUKSHETRA-NAKODAR(PSTCL)	LVRD	01-03-2023	00:00:01	01-03-2023	07:16:00	0.30	0.00	0.00	0.00	7.27		* Line hand tripped for voltage regulation. NR 2302-7700
							19.49	0.00	0.00	0.00	467.35	100.00	

## Standard of Performance data for the month of Mar-2023

**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 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 KURUKSHETRA-SONIPAT-1	LVRD	02-03-2023	20:11:00	03-03-2023	09:13:00	0.54	0.00	0.00	0.00	13.03		* Line hand tripped for voltage regulation. NR-2303-530
CKT	400kV KURUKSHETRA-SONIPAT-1	LVRD	21-03-2023	16:43:00	22-03-2023	08:52:00	0.67	0.00	0.00	0.00	16.15		* Line hand tripped for voltage regulation. NR 2303-5117
CKT	400kV KURUKSHETRA-SONIPAT-1	LVRD	10-03-2023	20:42:00	11-03-2023	08:12:00	0.48	0.00	0.00	0.00	11.50		* Line hand tripped on voltage regulation.NR/2531
CKT	400kV KURUKSHETRA-SONIPAT-1	LVRD	16-03-2023	21:57:00	17-03-2023	07:30:00	0.40	0.00	0.00	0.00	9.55		* Line hand tripped for voltage regulation. NR-2303-4022
CKT	400kV KURUKSHETRA-SONIPAT-1	LVRD	01-03-2023	00:00:01	01-03-2023	07:26:00	0.31	0.00	0.00	0.00	7.43		* Line hand tripped for voltage regulation. NR 2302-7681
CKT	400kV KURUKSHETRA-SONIPAT-1	LVRD	19-03-2023	13:27:00	20-03-2023	07:31:00	0.75	0.00	0.00	0.00	18.07		* Line hand tripped for voltage regulation. NR 2303-4587
CKT	400kV KURUKSHETRA-SONIPAT-1	LVRD	12-03-2023	16:14:00	13-03-2023	08:59:00	0.70	0.00	0.00	0.00	16.75		* B/R hand tripped for voltage regulation. NR-2303-2995
CKT	400kV KURUKSHETRA-SONIPAT-1	LVRD	04-03-2023	20:44:00	05-03-2023	08:31:00	0.49	0.00	0.00	0.00	11.78		* Line hand tripped for voltage regulation. NR-2303-1109
CKT	400kV KURUKSHETRA-SONIPAT-1	LVRD	30-03-2023	00:28:00	31-03-2023	23:59:59	1.98	0.00	0.00	0.00	47.53		* Line hand tripped for voltage regulation. NR 2303-7221
CKT	400kV KURUKSHETRA-SONIPAT-1	LVRD	27-03-2023	13:09:00	28-03-2023	09:47:00	0.86	0.00	0.00	0.00	20.63		* Line hand tripped for voltage regulation. NR 2303-6540
CKT	400kV KURUKSHETRA-SONIPAT-1	LVRD	14-03-2023	21:23:00	15-03-2023	08:42:00	0.47	0.00	0.00	0.00	11.32		* Line hand tripped for voltage regulation. NR-2303-3587
CKT	400kV KURUKSHETRA-SONIPAT-1	LVRD	08-03-2023	21:11:00	09-03-2023	09:46:00	0.52	0.00	0.00	0.00	12.58		* Line hand tripped for voltage regulation. NR-2303-1994
CKT	400kV KURUKSHETRA-SONIPAT-1	LVRD	06-03-2023	20:52:00	07-03-2023	08:51:00	0.50	0.00	0.00	0.00	11.98		* Line hand tripped for voltage regulation. NR-2303-1581
CKT	400kV KURUKSHETRA-SONIPAT-1	LVRD	23-03-2023	21:29:00	24-03-2023	08:24:00	0.46	0.00	0.00	0.00	10.92		* Line hand tripped for voltage regulation. NR 2303-5662
							9.13	0.00	0.00	0.00	219.22	100.00	
CKT	400kV KURUKSHETRA-SONIPAT-2	LVRD	03-03-2023	21:51:00	04-03-2023	07:50:00	0.42	0.00	0.00	0.00	9.98		* Line hand tripped for voltage regulation. NR-2303-870
CKT	400kV KURUKSHETRA-SONIPAT-2	LVRD	20-03-2023	13:11:00	21-03-2023	08:21:00	0.80	0.00	0.00	0.00	19.17		* Line hand tripped for voltage regulation. NR 2303-4788
CKT	400kV KURUKSHETRA-SONIPAT-2	LVRD	15-03-2023	22:24:00	16-03-2023	07:06:00	0.36	0.00	0.00	0.00	8.70		* Line hand tripped for voltage regulation. NR-2303-3797
CKT	400kV KURUKSHETRA-SONIPAT-2	LVRD	07-03-2023	17:59:00	08-03-2023	09:41:00	0.65	0.00	0.00	0.00	15.70		
CKT	400kV KURUKSHETRA-SONIPAT-2	LVRD	13-03-2023	22:03:00	14-03-2023	08:45:00	0.45	0.00	0.00	0.00	10.70		* Line hand tripped for voltage regulation. NR-2303-3314
CKT	400kV KURUKSHETRA-SONIPAT-2	LVRD	11-03-2023	21:05:00	12-03-2023	08:57:00	0.49	0.00	0.00	0.00	11.87		* LVRD Line hand tripped for voltage regulation. NR-2303-2823
CKT	400kV KURUKSHETRA-SONIPAT-2	LVRD	09-03-2023	17:22:00	10-03-2023	08:24:00	0.63	0.00	0.00	0.00	15.03		* Line hand tripped for voltage regulation. NR-2303-2226

## Standard of Performance data for the month of Mar-2023

**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 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 KURUKSHETRA-SONIPAT-2	LVRD	05-03-2023	20:19:00	06-03-2023	09:09:00	0.54	0.00	0.00	0.00	12.83		* VOLTAGE REGULATION.
CKT	400kV KURUKSHETRA-SONIPAT-2	LVRD	24-03-2023	21:28:00	27-03-2023	08:35:00	2.46	0.00	0.00	0.00	59.12		* Line hand tripped for voltage regulation. NR 2303-5917
CKT	400kV KURUKSHETRA-SONIPAT-2	LVRD	18-03-2023	13:13:00	19-03-2023	08:25:00	0.80	0.00	0.00	0.00	19.20		* Line hand tripped for voltage regulation. NR 2303-4376
CKT	400kV KURUKSHETRA-SONIPAT-2	LVRD	17-03-2023	21:27:00	18-03-2023	09:48:00	0.52	0.00	0.00	0.00	12.35		* Line hand tripped for voltage regulation
CKT	400kV KURUKSHETRA-SONIPAT-2	LVRD	28-03-2023	13:04:00	29-03-2023	07:31:00	0.77	0.00	0.00	0.00	18.45		* Line hand tripped for voltage regulation. NR 2303-6810
CKT	400kV KURUKSHETRA-SONIPAT-2	LVRD	22-03-2023	21:04:00	23-03-2023	09:00:00	0.50	0.00	0.00	0.00	11.93		* Line hand tripped for voltage regulation. NR 2303-5409
CKT	400kV KURUKSHETRA-SONIPAT-2	LVRD	01-03-2023	20:32:00	02-03-2023	08:45:00	0.51	0.00	0.00	0.00	12.22		* Line hand tripped for voltage regulation. NR-2303-241
							9.90	0.00	0.00	0.00	237.25	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			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-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 NATHPAJHKRI(SJVNL)-GUMMA(HPPTCL)-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_NAPTHAJHAKRI-GUMMA-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	

**Standard of Performance data for the month of Mar-2023**

**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 ATTRIBU TABLE TO ISTS Licensee	OUTAGE ATTRIBU TABLE To Others	OUTAGE ATTRIBU TABLE To System Constraint	OUTAGE ATTRIBU TABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
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	OSFT	04-03-2023	17:26:00	04-03-2023	21:47:00	0.18	4.35	0.00	0.00	0.00		* SD taken for attending hot spot in B phase jack bus of 400KV Abdullapur-Panchkula-1 line gantry tower at Abdullapur SS. NR-2303-1059
CKT	400kV ABDULLAPUR-PANCHKULA-1	OSFT	25-03-2023	12:42:00	25-03-2023	16:19:00	0.15	3.62	0.00	0.00	0.00		* SD taken for rectification of mechanically deformed tension clamp of twin conductor on jack bus of 400kV Abdullapur - Panchkula-1 above 400kV Bus-1 at Abdullapur S/S. NR 2303-6081
							0.33	7.97	0.00	0.00	0.00	98.93	
CKT	400kV ABDULLAPUR-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 PANCHKULA-DEHAR(BBMB)	OSPD	28-03-2023	09:34:00	28-03-2023	20:29:00	0.46	0.00	0.00	0.00	10.92		* SD taken by BBMB Dehar for implementation of Numerical Low Impedance BusBar Protection Scheme NR 2303-6727
							0.46	0.00	0.00	0.00	10.92	100.00	
CKT	400kV PANCHKULA-GUMMA-1	SRMU	16-03-2023	14:18:00	16-03-2023	15:34:00	0.05	0.00	1.27	0.00	0.00		* Line A/R successfully from Panchkulla <(>&<)> tripped from Gumma, HPPTCL on B-N fault. FLR Panchkulla : 43.74kM, 3.9kA <(>&<)> Gumma : 77.48.
CKT	400kV PANCHKULA-GUMMA-1	LVRD	17-03-2023	01:44:00	17-03-2023	06:49:00	0.21	0.00	0.00	0.00	5.08		* Line hand tripped for voltage regulation. NR 2303-4031
CKT	400kV PANCHKULA-GUMMA-1	OMS U	01-03-2023	06:16:00	02-03-2023	00:08:00	0.74	0.00	17.87	0.00	0.00		* Line tripped due to over voltage protection operated at Gumma and DT received at Panchkula end. NR-2303-269
							1.00	0.00	19.14	0.00	5.08	100.00	

## Standard of Performance data for the month of Mar-2023

**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 ATTRIBU TABLE TO ISTS Licensee	OUTAGE ATTRIBU TABLE To Others	OUTAGE ATTRIBU TABLE To System Constraint	OUTAGE ATTRIBUT ABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV PANCHKULA-GUMMA(HPPTCL)-2	SRMU	16-03-2023	14:18:00	16-03-2023	15:31:00	0.05	0.00	1.22	0.00	0.00		* NR240129 400KV PANCHKULA-GUMMA - II 16-03-2023 14:18 STILL OUT SRMU Line A/R successfully from Panchkulla <(>&<)> tripped from Gumma, HPPTCL on B-N fault. FLR Panchkulla : 43.6kM, 3.9kA <(>&<)> Gumma : 73.96kM.
							0.05	0.00	1.22	0.00	0.00	100.00	
CKT	400kV PANCHKULA-PANIPAT(BBMB)	OSPD	17-03-2023	08:09:00	17-03-2023	17:35:00	0.39	0.00	0.00	0.00	9.43		* S/D taken by BBMB for planned AMP.NR-4075
							0.39	0.00	0.00	0.00	9.43	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			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-1	OSPT	07-03-2023	11:17:00	07-03-2023	18:24:00	0.30	7.12	0.00	0.00	0.00		* SD taken Patiala TLM
							0.30	7.12	0.00	0.00	0.00	99.04	
CKT	400kV PATIALA-PANCHKULA-2	OSPT	06-03-2023	13:11:00	06-03-2023	19:15:00	0.25	6.07	0.00	0.00	0.00		* SD taken for removal of shutdown Nature Defects. NR-2303-1440
							0.25	6.07	0.00	0.00	0.00	99.18	
CKT	400kV PATIALA-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 PATIALA-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 PARBATI2(NHPC)-BANALA	OSPD	13-03-2023	12:33:00	31-03-2023	23:59:59	18.48	0.00	0.00	0.00	443.45		* SD taken by NHPC for testing of bus bar protection at Parbati2 end. NR-2303-3183
CKT	400kV PARBATI2(NHPC)-BANALA	OSPD	03-03-2023	10:09:00	03-03-2023	20:07:00	0.42	0.00	0.00	0.00	9.97		* SD taken by Partibati-2 for rectification of Bus Coupler problem. NR-2303-662

## Standard of Performance data for the month of Mar-2023

**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 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 PARBATI2(NHPC)-BANALA	SPLU	11-03-2023	12:11:00	11-03-2023	15:40:00	0.15	0.00	3.48	0.00	0.00		* Line tripped due to DT receive at Banala. NR-2303-2545* 11.03.2023 14:01:50 INDIA Virender Singh (60016671)* Wrong operation done at Parbati-2 end.
							19.05	0.00	3.48	0.00	453.42	100.00	
CKT	400kV PARBATI3(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)-SAINJ(HPSEB)	OSPD	11-03-2023	11:57:00	14-03-2023	18:28:00	3.27	0.00	0.00	0.00	78.52		* SD taken by HPSEB for Pole replacement activities to revive unit 2 of Sainj HEP. NR-2303-2671
							3.27	0.00	0.00	0.00	78.52	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	OSFT	17-03-2023	11:09:00	17-03-2023	13:57:00	0.12	2.80	0.00	0.00	0.00		* SD taken for replacment of broken insulator on TL 135. NR-4115
							0.12	2.80	0.00	0.00	0.00	99.62	
CKT	400kV URI1(NHPC)-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 URI1(NHPC)-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 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	OSPT	09-03-2023	09:33:00	09-03-2023	21:03:00	0.48	11.50	0.00	0.00	0.00		* OSPT SD taken by Baramula TLM for rectification of shutdown based defects in the line. NR-2303-2103
							0.48	11.50	0.00	0.00	0.00	98.45	
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	OSPT	03-03-2023	12:01:00	03-03-2023	18:48:00	0.28	6.78	0.00	0.00	0.00		* SD taken by JKPTCL for maintenance of their bay and their line portion. NR-2303-697



## Standard of Performance data for the month of Mar-2023

**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 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 NEW WANPOH-BAGLIHAR-1	OSPD	04-03-2023	09:17:00	04-03-2023	18:10:00	0.37	0.00	0.00	0.00	8.88		* SD taken by JKPTCL for maintenance of their bay and their line portion. NR-2303-919
							0.65	6.78	0.00	0.00	8.88	99.09	
CKT	400kV NEW WANPOH-WAGOORA-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-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	SRMU	01-03-2023	17:23:00	01-03-2023	17:33:00	0.01	0.00	0.17	0.00	0.00		* Line tripped from Kishanpur end only due to DT receive at Kishanpur. NR 2303-206
							0.01	0.00	0.17	0.00	0.00	100.00	
CKT	400kV KISHENPUR-MOGA-2	OSFT	23-03-2023	15:55:00	23-03-2023	16:35:00	0.03	0.67	0.00	0.00	0.00		* OSFT SD taken to facilitate the charging of 400kV Bus-3 (GIS Bus-1) Moga on NO-LOAD. NR 2303-5585
							0.03	0.67	0.00	0.00	0.00	99.91	
CKT	765kV MEERUT-MOGA	LVRD	20-03-2023	13:07:00	21-03-2023	09:00:00	0.83	0.00	0.00	0.00	19.88		* Line hand tripped for voltage regulation. NR 2303-4787 NLDC/2462
CKT	765kV MEERUT-MOGA	LVRD	24-03-2023	00:43:00	24-03-2023	09:12:00	0.35	0.00	0.00	0.00	8.48		* Line hand tripped for voltage regulation. NR 2303-5688 NLDC/2886
CKT	765kV MEERUT-MOGA	LVRD	07-03-2023	21:32:00	08-03-2023	09:59:00	0.52	0.00	0.00	0.00	12.45		* Line hand tripped for voltage regulation. NR 2303-1825 NLDC/913
CKT	765kV MEERUT-MOGA	OMS U	25-03-2023	15:47:00	25-03-2023	17:41:00	0.08	0.00	1.90	0.00	0.00		* SD taken to remove the Chinese Kite Thread from hardware fitting/ jumper at pilot string at T. No. 639. NR 2303-6111 NLDC/3082
CKT	765kV MEERUT-MOGA	LVRD	17-03-2023	01:57:00	17-03-2023	10:01:00	0.34	0.00	0.00	0.00	8.07		* Line hand tripped for voltage regulation. NR 2303-4034 NLDC/1972
CKT	765kV MEERUT-MOGA	LVRD	25-03-2023	00:12:00	25-03-2023	09:24:00	0.38	0.00	0.00	0.00	9.20		* Line hand tripped for voltage regulation. NR 2303-5940 NLDC/3003
CKT	765kV MEERUT-MOGA	LVRD	19-03-2023	13:12:00	20-03-2023	09:56:00	0.86	0.00	0.00	0.00	20.73		* Line hand tripped for voltage regulation. NR 2303-4578 NLDC/2325

## Standard of Performance data for the month of Mar-2023

**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 Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	765KV MEERUT-MOGA	LVRD	08-03-2023	21:44:00	09-03-2023	07:12:00	0.39	0.00	0.00	0.00	9.47		* Line hand tripped for voltage regulation. NR 2303-1997 NLDC/986
CKT	765KV MEERUT-MOGA	LVRD	30-03-2023	18:37:00	31-03-2023	09:46:00	0.63	0.00	0.00	0.00	15.15		* Line hand tripped for voltage regulation
CKT	765KV MEERUT-MOGA	LVRD	31-03-2023	21:22:00	31-03-2023	23:59:59	0.11	0.00	0.00	0.00	2.63		* Line hand tripped for voltage regulation. NR 2303-7622 NLDC/3796
CKT	765KV MEERUT-MOGA	LVRD	01-03-2023	01:14:00	01-03-2023	10:23:00	0.38	0.00	0.00	0.00	9.15		* Line hand tripped for voltage regulation. NR 2303-001 NLDC/04
							4.87	0.00	1.90	0.00	115.21	100.00	
CKT	66KV DRASS-DRASS(LPDD) 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-DRASS-DRASS(LPDD)-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	
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-KARGIL (LPDD) 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	66KV-KHALST--KHALSTI (LPDD) I/C			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	66 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	
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	



**Standard of Performance data for the month of Mar-2023**

**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 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	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			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 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	
STATCOM	+200/-200MVAR STATCOM AT NALAGARH	OMST	09-03-2023	23:49:00	10-03-2023	04:56:00	0.21	5.12	0.00	0.00	0.00		* Tripped on MSR1 protection trip due to B phase CT failure.During charging of Statcom at 01:12Hrs, MSR-1 Isolator sparked creating R-Ph Earth fault. NR-2303-2281/2280
							0.21	5.12	0.00	0.00	0.00	99.31	
SVC	+600/-400MVAR SVC AT LUDHIANA	OSFT	07-03-2023	18:57:00	07-03-2023	19:40:00	0.03	0.72	0.00	0.00	0.00		* SD taken for removal of kite thread from DTF-2 in SVC. NR-2303-1804

**Standard of Performance data for the month of Mar-2023**

**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 ATTRIBU TABLE TO ISTS Licensee	OUTAGE ATTRIBU TABLE To Others	OUTAGE ATTRIBU TABLE To System Constraint	OUTAGE ATTRIBU TABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.03	0.72	0.00	0.00	0.00	99.90	
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			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 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-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	OSPT	23-03-2023	11:16:00	23-03-2023	20:13:00	0.37	8.95	0.00	0.00	0.00		* SD taken for AMP works NR 2303-5535
							0.37	8.95	0.00	0.00	0.00	98.80	
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	

## Standard of Performance data for the month of Mar-2023

**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 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-1 AT DEHAR	OSPD	03-03-2023	08:00:00	03-03-2023	08:06:00	0.00	0.00	0.00	0.00	0.10		* Shutdown taken by BBMB Dehar for shifting of load from Bus-2 to Bus-1 for facilitating shutdown of Bus-2 at Dehar. NR-2303-564
XMER	315MVA,400/220kV ICT-1 AT DEHAR	OSPD	20-03-2023	09:38:00	20-03-2023	17:23:00	0.32	0.00	0.00	0.00	7.75		* SD taken by BBMB for installation of new 220KV bus bar protection. NR-2303-4739
XMER	315MVA,400/220kV ICT-1 AT DEHAR	OSPD	29-03-2023	10:04:00	29-03-2023	19:56:00	0.41	0.00	0.00	0.00	9.87		* SD taken by BBMB for implementation of Numerical Low Impedance BusBar Protection Scheme at Dehar NR 2303-7030
							0.73	0.00	0.00	0.00	17.72	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	160MVA,220/66kV ICT-1 AT CHANDIGARH			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	160MVA,220/66kV ICT-2 AT CHANDIGARH			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	

**Standard of Performance data for the month of Mar-2023**

**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 Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
XMER	500MVA,400/220kV ICT-3 AT 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	OSPT	02-03-2023	09:19:00	02-03-2023	19:01:00	0.40	9.70	0.00	0.00	0.00		* ICT SHUTDOWN TAKEN FOR AMP WORKS. NR-2303-345
							0.40	9.70	0.00	0.00	0.00	98.70	
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	50MVA,220/66KV ICT-1 AT KARGIL			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-2 AT KARGIL			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	OSPT	25-03-2023	10:09:00	25-03-2023	17:36:00	0.31	7.45	0.00	0.00	0.00		* SD taken for AMP works. NR 2303-6043
							0.31	7.45	0.00	0.00	0.00	99.00	
XMER	315MVA,400/220kV ICT-3 AT KISHENPUR	OSFT	31-03-2023	11:16:00	31-03-2023	16:54:00	0.24	5.63	0.00	0.00	0.00		* Emergency s/d for AMP Works
							0.24	5.63	0.00	0.00	0.00	99.24	
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	OSPT	21-03-2023	12:40:00	21-03-2023	17:56:00	0.22	5.27	0.00	0.00	0.00		* SD taken for isolation of tertiary connection (Due to augmentation of ICT-1 with 500 MVA Transformer). NR 2303-5071
XMER	315MVA,400/220kV ICT-1 AT LUDHIANA	SCSD	24-03-2023	13:00:00	31-03-2023	23:59:59	7.46	0.00	0.00	0.00	179.00		* SD taken for isolation of tertiary connection (Due to augmentation of ICT-1 with 500 MVA Transformer). NR 2303-5792
							7.68	5.27	0.00	0.00	179.00	99.29	
XMER	500MVA,400/220kV ICT-2 AT LUDHIANA	OSPT	23-03-2023	09:55:00	23-03-2023	14:12:00	0.18	4.28	0.00	0.00	0.00		* SD taken for connection to SVC supply source, Tertiary connection. NR 2303-5512







**Standard of Performance data for the month of Mar-2023**

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

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBU TABLE TO ISTS Licensee	OUTAGE ATTRIBU TABLE To Others	OUTAGE ATTRIBU TABLE To System Constraint	OUTAGE ATTRIBUT ABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							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	
							356.88	241.16	173.54	0.00	8,146.42	27,567.57	