

**Standard of Performance data for the month of Nov-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 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
BSR	125MVAR,BUS REACTOR-1 AT AJMER			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-1 AT AJMER	SVRD	18-11-2023	10:46:00	18-11-2023	15:34:00	0.20	0.00	0.00	0.00	4.80		* BR opened on voltage regulation. V-759KV
BSR	240MVAR,BUS REACTOR-1 AT AJMER	SVRD	19-11-2023	12:03:00	19-11-2023	15:42:00	0.15	0.00	0.00	0.00	3.65		* BR opened on voltage regulation. Voltage-755KV.
							0.35	0.00	0.00	0.00	8.45	100.00	
BSR	125MVAR,BUS REACTOR-1 AT BAGPAT			00:00:00		00:00:00	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 BALLABGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	24-11-2023	09:30:00	25-11-2023	13:38:00	1.17	0.00	0.00	0.00	28.13		* BR opened on voltage regulation. Voltage-395KV
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	02-11-2023	08:59:00	02-11-2023	15:34:00	0.27	0.00	0.00	0.00	6.58		* BR opened on voltage regulation. Voltage- 395 KV.
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	09-11-2023	10:12:00	09-11-2023	17:14:00	0.29	0.00	0.00	0.00	7.03		* BR opened on voltage regulation . Voltage-394KV.
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	01-11-2023	09:54:00	01-11-2023	19:54:00	0.42	0.00	0.00	0.00	10.00		* BR opened on voltage regulation. Voltage-396KV.
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	07-11-2023	10:09:00	07-11-2023	15:17:00	0.21	0.00	0.00	0.00	5.13		* BR opened on voltage regulation. Voltage-396KV.
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	19-11-2023	09:35:00	19-11-2023	15:15:00	0.24	0.00	0.00	0.00	5.67		* BR opened on voltage regulation. Voltage-395KV.
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	27-11-2023	10:25:00	27-11-2023	20:57:00	0.44	0.00	0.00	0.00	10.53		* BR opened on voltage regulation. Voltage- 405 KV.
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	18-11-2023	09:54:00	18-11-2023	17:52:00	0.33	0.00	0.00	0.00	7.97		* BR opened on voltage regulation. Voltage-398kV
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	06-11-2023	09:21:00	06-11-2023	15:43:00	0.27	0.00	0.00	0.00	6.37		* BR opened on voltage regulation. Voltage=393kv
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	21-11-2023	09:39:00	21-11-2023	15:35:00	0.25	0.00	0.00	0.00	5.93		* BR opened on voltage regulation. V-401KV
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	22-11-2023	09:13:00	22-11-2023	20:11:00	0.46	0.00	0.00	0.00	10.97		* BR opened on voltage regulation.Voltage-396kV
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	23-11-2023	10:33:00	23-11-2023	15:25:00	0.20	0.00	0.00	0.00	4.87		* BR opened on voltage regulation. Voltage- 395 KV.
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	10-11-2023	11:01:00	10-11-2023	16:15:00	0.22	0.00	0.00	0.00	5.23		* BR opened on voltage regulation. Voltage-397KV.
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	03-11-2023	09:53:00	03-11-2023	17:20:00	0.31	0.00	0.00	0.00	7.45		* BR opened on voltage regulation. Voltage-395KV
BSR	50MVAR,BUS REACTOR-1 AT BASSI	SVRD	04-11-2023	10:22:00	05-11-2023	20:05:00	1.41	0.00	0.00	0.00	33.72		* BR opened on voltage regulation. Voltage- 395 KV
							6.49	0.00	0.00	0.00	155.58	100.00	
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	30-11-2023	10:39:00	30-11-2023	15:04:00	0.18	0.00	0.00	0.00	4.42		* BR opened on voltage regulation. Voltage-396KV.
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	23-11-2023	10:27:00	23-11-2023	15:34:00	0.21	0.00	0.00	0.00	5.12		* BR opened on voltage regulation. Voltage-396KV.
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	06-11-2023	09:21:00	06-11-2023	15:44:00	0.27	0.00	0.00	0.00	6.38		* BR opened on voltage regulation. Voltage-395KV
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	22-11-2023	09:29:00	22-11-2023	20:24:00	0.46	0.00	0.00	0.00	10.92		* BR opened on voltage regulation. Voltage-398kV
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	18-11-2023	09:57:00	18-11-2023	15:35:00	0.24	0.00	0.00	0.00	5.63		* BR opened on voltage regulation. Voltage- 395 KV.
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	21-11-2023	09:45:00	21-11-2023	18:01:00	0.34	0.00	0.00	0.00	8.27		* BR opened on voltage regulation. Voltage- 395 KV.
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	19-11-2023	09:33:00	19-11-2023	15:13:00	0.24	0.00	0.00	0.00	5.67		* BR opened on voltage regulation . Voltage-394KV.
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	24-11-2023	09:30:00	24-11-2023	17:00:00	0.31	0.00	0.00	0.00	7.50		* BR opened on voltage regulation. Voltage-395KV.
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	05-11-2023	08:36:00	05-11-2023	20:07:00	0.48	0.00	0.00	0.00	11.52		* BR opened on voltage regulation. Voltage- 395 KV.
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	01-11-2023	00:00:01	02-11-2023	21:27:00	1.89	0.00	0.00	0.00	45.45		* BR opened on voltage regulation. Voltage-397KV.
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	07-11-2023	10:12:00	07-11-2023	15:34:00	0.22	0.00	0.00	0.00	5.37		* BR opened on voltage regulation. Voltage=393kv
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	09-11-2023	10:13:00	09-11-2023	17:13:00	0.29	0.00	0.00	0.00	7.00		* BR opened on voltage regulation. V-399KV
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	10-11-2023	11:01:00	10-11-2023	16:13:00	0.22	0.00	0.00	0.00	5.20		
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	04-11-2023	10:21:00	04-11-2023	21:30:00	0.47	0.00	0.00	0.00	11.15		* BR opened on voltage regulation. Voltage-395KV
BSR	50MVAR,BUS REACTOR-2 AT BASSI	SVRD	03-11-2023	09:35:00	03-11-2023	17:20:00	0.32	0.00	0.00	0.00	7.75		* BR opened on voltage regulation.Voltage-396kV.
							6.14	0.00	0.00	0.00	147.35	100.00	
BSR	50MVAR,BUS REACTOR-3 AT BASSI	SVRD	03-11-2023	09:35:00	03-11-2023	17:21:00	0.32	0.00	0.00	0.00	7.77		* BR opened on voltage regulation. Voltage- 395 KV
BSR	50MVAR,BUS REACTOR-3 AT BASSI	SVRD	10-11-2023	11:01:00	10-11-2023	16:13:00	0.22	0.00	0.00	0.00	5.20		* BR opened on voltage regulation. Voltage- 395 KV.
BSR	50MVAR,BUS REACTOR-3 AT BASSI	SVRD	09-11-2023	10:14:00	09-11-2023	17:12:00	0.29	0.00	0.00	0.00	6.97		* BR opened on voltage regulation . Voltage-394KV.
BSR	50MVAR,BUS REACTOR-3 AT BASSI	SVRD	07-11-2023	10:13:00	07-11-2023	15:19:00	0.21	0.00	0.00	0.00	5.10		* BR opened on voltage regulation. Voltage-395KV.
BSR	50MVAR,BUS REACTOR-3 AT BASSI	SVRD	01-11-2023	00:00:01	02-11-2023	21:27:00	1.89	0.00	0.00	0.00	45.45		* BR opened on voltage regulation. Voltage-394KV.
BSR	50MVAR,BUS REACTOR-3 AT BASSI	SVRD	05-11-2023	09:57:00	05-11-2023	20:07:00	0.42	0.00	0.00	0.00	10.17		* BR opened on voltage regulation. Voltage-396KV.
BSR	50MVAR,BUS REACTOR-3 AT BASSI	SVRD	22-11-2023	09:29:00	22-11-2023	17:01:00	0.31	0.00	0.00	0.00	7.53		* BR opened on voltage regulation. Voltage- 395 KV
BSR	50MVAR,BUS REACTOR-3 AT BASSI	SVRD	24-11-2023	09:30:00	24-11-2023	16:24:00	0.29	0.00	0.00	0.00	6.90		* BR opened on voltage regulation. Voltage-398kV
BSR	50MVAR,BUS REACTOR-3 AT BASSI	SVRD	21-11-2023	09:44:00	21-11-2023	17:24:00	0.32	0.00	0.00	0.00	7.67		* BR opened on voltage regulation. Voltage-397KV.
BSR	50MVAR,BUS REACTOR-3 AT BASSI	SVRD	06-11-2023	09:21:00	06-11-2023	15:42:00	0.27	0.00	0.00	0.00	6.35		* BR opened on voltage regulation. Voltage=393kv
BSR	50MVAR,BUS REACTOR-3 AT BASSI	SVRD	23-11-2023	10:27:00	23-11-2023	15:34:00	0.21	0.00	0.00	0.00	5.12		* BR opened on voltage regulation. Voltage-395KV
							4.75	0.00	0.00	0.00	114.23	100.00	
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	30-11-2023	09:39:00	30-11-2023	15:00:00	0.22	0.00	0.00	0.00	5.35		* BR opened on voltage regulation.Voltage-396KV.
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	27-11-2023	10:19:00	27-11-2023	13:35:00	0.14	0.00	0.00	0.00	3.27		* BR opened on voltage regulation. Voltage-397KV.
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	24-11-2023	09:30:00	24-11-2023	18:15:00	0.37	0.00	0.00	0.00	8.75		* BR opened on voltage regulation. V-401KV
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	18-11-2023	09:54:00	18-11-2023	17:52:00	0.33	0.00	0.00	0.00	7.97		* BR opened on voltage regulation. Voltage-398kV
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	21-11-2023	09:41:00	21-11-2023	15:35:00	0.25	0.00	0.00	0.00	5.90		* BR opened on voltage regulation. Voltage-396KV.
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	22-11-2023	09:13:00	22-11-2023	20:28:00	0.47	0.00	0.00	0.00	11.25		* BR opened on voltage regulation. Voltage-395KV
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	26-11-2023	08:22:00	26-11-2023	17:04:00	0.36	0.00	0.00	0.00	8.70		* BR opened on voltage regulation. Voltage-400kV
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	01-11-2023	09:54:00	02-11-2023	21:23:00	1.48	0.00	0.00	0.00	35.48		* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	08-11-2023	10:42:00	10-11-2023	21:09:00	2.44	0.00	0.00	0.00	58.45		* BR opened on voltage regulation.Voltage-396KV
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	03-11-2023	09:53:00	03-11-2023	17:27:00	0.32	0.00	0.00	0.00	7.57		* BR opened on voltage regulation. Voltage=393kV
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	29-11-2023	09:30:00	29-11-2023	15:10:00	0.24	0.00	0.00	0.00	5.67		* BR opened on voltage regulation. Voltage-396KV.
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	19-11-2023	09:34:00	19-11-2023	15:15:00	0.24	0.00	0.00	0.00	5.68		* BR opened on voltage regulation.Voltage-396kV
BSR	125MVAR,BUS REACTOR-4 AT BASSI	SVRD	23-11-2023	10:33:00	23-11-2023	15:05:00	0.19	0.00	0.00	0.00	4.53		* BR opened on voltage regulation. Voltage-395KV
							7.05	0.00	0.00	0.00	168.57	100.00	
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	11-11-2023	11:02:00	11-11-2023	16:12:00	0.22	0.00	0.00	0.00	5.17		* BR opened on voltage regulation. Voltage=393kV
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	12-11-2023	09:58:00	12-11-2023	13:38:00	0.15	0.00	0.00	0.00	3.67		* BR opened on voltage regulation.Voltage-396kV.
BSR	125MVAR,BUS REACTOR-1 AT BHADLA-2	SVRD	19-11-2023	12:05:00	19-11-2023	15:32:00	0.14	0.00	0.00	0.00	3.45		* BR opened on voltage regulation. V-397KV

**Standard of Performance data for the month of Nov-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 ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
BSR	125MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	13-11-2023	10:43:00	13-11-2023	19:48:00	0.38	0.00	0.00	0.00	9.08		* BR opened on voltage regulation . Voltage-392KV.
BSR	125MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	18-11-2023	11:05:00	18-11-2023	15:50:00	0.20	0.00	0.00	0.00	4.75		* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	30-11-2023	10:49:00	30-11-2023	15:05:00	0.18	0.00	0.00	0.00	4.27		* BR opened on voltage regulation. Voltage- 395 KV.
BSR	125MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	22-11-2023	11:12:00	22-11-2023	16:54:00	0.24	0.00	0.00	0.00	5.70		* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	06-11-2023	09:47:00	06-11-2023	15:10:00	0.22	0.00	0.00	0.00	5.38		* BR opened on voltage regulation. Voltage- 395 KV
BSR	125MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	24-11-2023	08:44:00	24-11-2023	17:03:00	0.35	0.00	0.00	0.00	8.32		* BR opened on voltage regulation. Voltage-398KV.
BSR	125MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	05-11-2023	09:51:00	05-11-2023	16:04:00	0.26	0.00	0.00	0.00	6.22		* BR opened on voltage regulation. Voltage-396KV.
BSR	125MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	01-11-2023	10:41:00	01-11-2023	13:54:00	0.13	0.00	0.00	0.00	3.22		* BR opened on voltage regulation.Voltage-396kV
BSR	125MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	07-11-2023	09:54:00	07-11-2023	15:53:00	0.25	0.00	0.00	0.00	5.98		* BR opened on voltage regulation.Voltage-396kV
							2.72	0.00	0.00	0.00	65.21	100.00	
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	21-11-2023	10:05:00	21-11-2023	15:14:00	0.22	0.00	0.00	0.00	5.15		* BR opened on voltage regulation. V-760KV
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	06-11-2023	10:10:00	06-11-2023	15:09:00	0.21	0.00	0.00	0.00	4.98		* BR opened on voltage regulation. Voltage-757KV.
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	14-11-2023	11:22:00	14-11-2023	16:12:00	0.20	0.00	0.00	0.00	4.83		* BR opened on voltage regulation. Voltage-755KV
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	16-11-2023	10:26:00	16-11-2023	21:05:00	0.44	0.00	0.00	0.00	10.65		* BR opened on voltage regulation. Voltage-755KV.
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	18-11-2023	10:00:00	18-11-2023	16:14:00	0.26	0.00	0.00	0.00	6.23		* BR opened on voltage regulation. Voltage-755KV.
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	29-11-2023	11:01:00	29-11-2023	15:15:00	0.18	0.00	0.00	0.00	4.23		* BR opened on voltage regulation . Voltage-760KV.
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	23-11-2023	10:25:00	23-11-2023	15:20:00	0.21	0.00	0.00	0.00	4.92		* BR opened on voltage regulation. Voltage-756 KV.
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	20-11-2023	09:44:00	20-11-2023	15:53:00	0.26	0.00	0.00	0.00	6.15		* BR opened on voltage regulation.Voltage-755KV
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	24-11-2023	09:27:00	24-11-2023	13:52:00	0.18	0.00	0.00	0.00	4.42		
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	19-11-2023	10:26:00	19-11-2023	15:51:00	0.23	0.00	0.00	0.00	5.42		* BR opened on voltage regulation . Voltage-755KV.
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	15-11-2023	11:21:00	15-11-2023	14:55:00	0.15	0.00	0.00	0.00	3.57		* BR opened on voltage regulation. Voltage-756KV.
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	17-11-2023	10:07:00	17-11-2023	14:52:00	0.20	0.00	0.00	0.00	4.75		* BR opened on voltage regulation. Voltage-756 KV.
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	13-11-2023	09:37:00	13-11-2023	14:33:00	0.21	0.00	0.00	0.00	4.93		* BR opened on voltage regulation. Voltage-756KV
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	22-11-2023	10:59:00	22-11-2023	15:52:00	0.20	0.00	0.00	0.00	4.88		* BR opened on voltage regulation. Voltage-755KV
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	05-11-2023	10:37:00	05-11-2023	15:07:00	0.19	0.00	0.00	0.00	4.50		* BR opened on voltage regulation. Voltage-760KV.
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	03-11-2023	09:22:00	03-11-2023	15:02:00	0.24	0.00	0.00	0.00	5.67		* BR opened on voltage regulation. Voltage=765kV
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	01-11-2023	09:23:00	01-11-2023	15:44:00	0.27	0.00	0.00	0.00	6.35		* BR opened on voltage regulation. Voltage-756KV
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	11-11-2023	10:15:00	11-11-2023	15:29:00	0.22	0.00	0.00	0.00	5.23		* BR opened on voltage regulation. Voltage-750KV.
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	09-11-2023	10:01:00	09-11-2023	13:19:00	0.14	0.00	0.00	0.00	3.30		* BR opened on voltage regulation. Voltage-756KV.
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	07-11-2023	09:51:00	07-11-2023	15:13:00	0.22	0.00	0.00	0.00	5.37		* BR opened on voltage regulation.Voltage-755kV
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	10-11-2023	10:20:00	10-11-2023	15:55:00	0.23	0.00	0.00	0.00	5.58		* BR opened on voltage regulation. Voltage-755KV
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	12-11-2023	09:23:00	12-11-2023	14:13:00	0.20	0.00	0.00	0.00	4.83		* BR opened on voltage regulation. Voltage=765kV
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	04-11-2023	09:50:00	04-11-2023	14:58:00	0.21	0.00	0.00	0.00	5.13		* BR opened on voltage regulation. Voltage-760KV.
BSR	240MVAR.BUS REACTOR-1 AT BHADLA-2	SVRD	02-11-2023	09:27:00	02-11-2023	15:56:00	0.27	0.00	0.00	0.00	6.48		* BR opened on voltage regulation. V-763kV
							5.34	0.00	0.00	0.00	127.55	100.00	
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	06-11-2023	11:00:00	06-11-2023	15:13:00	0.18	0.00	0.00	0.00	4.22		* BR opened on voltage regulation. Voltage-756KV
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	25-11-2023	09:55:00	25-11-2023	13:42:00	0.16	0.00	0.00	0.00	3.78		* BR opened on voltage regulation. Voltage-755KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	24-11-2023	11:38:00	24-11-2023	16:12:00	0.19	0.00	0.00	0.00	4.57		* BR opened on voltage regulation. Voltage-755KV
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	21-11-2023	11:03:00	21-11-2023	17:15:00	0.26	0.00	0.00	0.00	6.20		* BR opened on voltage regulation. Voltage-757 KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	23-11-2023	11:46:00	23-11-2023	15:13:00	0.14	0.00	0.00	0.00	3.45		* BR opened on voltage regulation. V-760KV
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	20-11-2023	10:55:00	20-11-2023	15:42:00	0.20	0.00	0.00	0.00	4.78		* BR opened on voltage regulation. Voltage=765kV
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	22-11-2023	11:11:00	22-11-2023	15:28:00	0.18	0.00	0.00	0.00	4.28		* BR opened on voltage regulation . Voltage-750KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	13-11-2023	09:47:00	13-11-2023	15:18:00	0.23	0.00	0.00	0.00	5.52		* BR opened on voltage regulation. Voltage-755KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	16-11-2023	09:35:00	16-11-2023	16:52:00	0.30	0.00	0.00	0.00	7.28		* BR opened on voltage regulation. Voltage-756 KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	05-11-2023	10:59:00	05-11-2023	16:04:00	0.21	0.00	0.00	0.00	5.08		* BR opened on voltage regulation.Voltage-755kV
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	01-11-2023	09:40:00	01-11-2023	15:55:00	0.26	0.00	0.00	0.00	6.25		* BR opened on voltage regulation . Voltage-757KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	03-11-2023	06:46:00	03-11-2023	15:35:00	0.37	0.00	0.00	0.00	8.82		* BR opened on voltage regulation. Voltage=765kV
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	04-11-2023	10:41:00	04-11-2023	15:47:00	0.21	0.00	0.00	0.00	5.10		* BR opened on voltage regulation. Voltage-395KV
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	07-11-2023	11:49:00	07-11-2023	15:14:00	0.14	0.00	0.00	0.00	3.42		* BR opened on voltage regulation. Voltage-756KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	11-11-2023	10:35:00	11-11-2023	16:42:00	0.26	0.00	0.00	0.00	6.12		* BR opened on voltage regulation. Voltage-750KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	10-11-2023	10:32:00	10-11-2023	15:55:00	0.22	0.00	0.00	0.00	5.38		* BR opened on voltage regulation. Voltage-756 KV.
BSR	240MVAR.BUS REACTOR-2 AT BHADLA-2	SVRD	02-11-2023	10:17:00	02-11-2023	16:13:00	0.25	0.00	0.00	0.00	5.93		* BR opened on voltage regulation. Voltage-756KV.
							3.76	0.00	0.00	0.00	90.18	100.00	
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	12-11-2023	09:56:00	12-11-2023	13:45:00	0.16	0.00	0.00	0.00	3.82		* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	11-11-2023	11:05:00	11-11-2023	16:15:00	0.22	0.00	0.00	0.00	5.17		* BR opened on voltage regulation. Voltage-394KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	10-11-2023	10:51:00	10-11-2023	16:28:00	0.23	0.00	0.00	0.00	5.62		* BR opened on voltage regulation. Voltage=393kV
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	07-11-2023	09:57:00	07-11-2023	15:32:00	0.23	0.00	0.00	0.00	5.58		* BR opened on voltage regulation. V-399kV
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	02-11-2023	09:08:00	02-11-2023	15:48:00	0.28	0.00	0.00	0.00	6.67		* BR opened on voltage regulation. Voltage- 395 KV
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	01-11-2023	10:35:00	01-11-2023	13:56:00	0.14	0.00	0.00	0.00	3.35		* BR opened on voltage regulation.Voltage-396kV
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	05-11-2023	09:51:00	05-11-2023	16:12:00	0.27	0.00	0.00	0.00	6.35		* BR opened on voltage regulation . Voltage-394KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	30-11-2023	11:24:00	30-11-2023	15:02:00	0.15	0.00	0.00	0.00	3.63		* BR opened on voltage regulation.Voltage-396kV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	13-11-2023	10:41:00	13-11-2023	21:37:00	0.46	0.00	0.00	0.00	10.93		* BR opened on voltage regulation. Voltage- 395 KV
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	27-11-2023	10:16:00	27-11-2023	13:36:00	0.14	0.00	0.00	0.00	3.33		* BR opened on voltage regulation. Voltage-398KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	06-11-2023	09:28:00	06-11-2023	15:07:00	0.24	0.00	0.00	0.00	5.65		* BR opened on voltage regulation. Voltage- 395 KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	18-11-2023	09:56:00	18-11-2023	15:46:00	0.24	0.00	0.00	0.00	5.83		* BR opened on voltage regulation. Voltage-396KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	22-11-2023	09:34:00	22-11-2023	15:25:00	0.24	0.00	0.00	0.00	5.85		* BR opened on voltage regulation . Voltage-394KV.
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	24-11-2023	08:47:00	24-11-2023	16:30:00	0.32	0.00	0.00	0.00	7.72		* BR opened on voltage regulation.Voltage-396kV
BSR	125MVAR.BUS REACTOR-1 AT BADHLA	SVRD	19-11-2023	12:05:00	19-11-2023	15:32:00	0.14	0.00	0.00	0.00	3.45		* BR opened on voltage regulation.Voltage-396kV
							3.46	0.00	0.00	0.00	82.95	100.00	
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	30-11-2023	10:21:00	30-11-2023	15:00:00	0.19	0.00	0.00	0.00	4.65		* BR opened on voltage regulation. Voltage-760KV.
BSR	240MVAR.BUS REACTOR-1 AT BADHLA	SVRD	19-11-2023	11:01:00	19-11-2023	15:37:00	0.19	0.00	0.00	0.00	4.60		* BR opened on voltage regulation. Voltage-756 KV.

**Standard of Performance data for the month of Nov-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 ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	20-11-2023	09:34:00	20-11-2023	15:20:00	0.24	0.00	0.00	0.00	5.77		* BR opened on voltage regulation. Voltage-756KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	15-11-2023	11:16:00	15-11-2023	15:00:00	0.16	0.00	0.00	0.00	3.73		* BR opened on voltage regulation . Voltage-755KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	29-11-2023	11:06:00	29-11-2023	15:47:00	0.20	0.00	0.00	0.00	4.68		* BR opened on voltage regulation. Voltage-755KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	05-11-2023	09:34:00	05-11-2023	15:01:00	0.23	0.00	0.00	0.00	5.45		* BR opened on voltage regulation. Voltage-756 KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	03-11-2023	09:46:00	03-11-2023	15:29:00	0.24	0.00	0.00	0.00	5.72		* BR opened on voltage regulation. Voltage-756KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	09-11-2023	09:54:00	09-11-2023	13:47:00	0.16	0.00	0.00	0.00	3.88		* BR opened on voltage regulation. Voltage-756KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	10-11-2023	10:30:00	10-11-2023	16:06:00	0.23	0.00	0.00	0.00	5.60		* BR opened on voltage regulation. Voltage-756kV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	11-11-2023	10:12:00	11-11-2023	16:36:00	0.27	0.00	0.00	0.00	6.40		* BR opened on voltage regulation. Voltage-750KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	12-11-2023	09:23:00	12-11-2023	13:44:00	0.18	0.00	0.00	0.00	4.35		* BR opened on voltage regulation. Voltage-755KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	02-11-2023	09:27:00	02-11-2023	16:00:00	0.27	0.00	0.00	0.00	6.55		* BR opened on voltage regulation. Voltage-760KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	04-11-2023	10:18:00	04-11-2023	14:58:00	0.19	0.00	0.00	0.00	4.67		* BR opened on voltage regulation. Voltage-755KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	01-11-2023	09:23:20	01-11-2023	13:52:00	0.19	0.00	0.00	0.00	4.48		* BR opened on voltage regulation. V-761kV
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	16-11-2023	09:39:00	16-11-2023	16:53:00	0.30	0.00	0.00	0.00	7.23		* BR opened on voltage regulation. Voltage-755KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	23-11-2023	10:26:00	23-11-2023	15:28:00	0.21	0.00	0.00	0.00	5.03		* BR opened on voltage regulation. Voltage-755KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	22-11-2023	09:53:00	22-11-2023	15:44:00	0.24	0.00	0.00	0.00	5.85		* BR opened on voltage regulation. Voltage-755KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	21-11-2023	09:36:00	21-11-2023	15:10:00	0.23	0.00	0.00	0.00	5.57		* BR opened on voltage regulation. Voltage=765kv
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	17-11-2023	10:19:00	17-11-2023	14:45:00	0.19	0.00	0.00	0.00	4.43		* BR opened on voltage regulation. Voltage-755KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	24-11-2023	10:30:00	24-11-2023	16:10:00	0.24	0.00	0.00	0.00	5.67		* BR opened on voltage regulation. Voltage-756KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	06-11-2023	11:04:00	06-11-2023	15:02:00	0.17	0.00	0.00	0.00	3.97		* BR opened on voltage regulation . Voltage-752KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	13-11-2023	09:42:00	13-11-2023	13:51:00	0.17	0.00	0.00	0.00	4.15		* BR opened on voltage regulation. Voltage=765KV.
BSR	240MVAR,BUS REACTOR-1 AT BADHLA	SVRD	25-11-2023	10:09:00	25-11-2023	14:18:00	0.17	0.00	0.00	0.00	4.15		* BR opened on voltage regulation. Voltage-755KV.
BSR	80MVAR,BUS REACTOR-1 AT BHIWADI	OSPT	07-11-2023	10:35:00	07-11-2023	16:48:00	0.26	6.22	0.00	0.00	0.00	100.00	* Shutdown for annual maintenance works.
BSR	240MVAR,BUS REACTOR-1 AT BHIWANI			00:00:00			0.00	6.22	0.00	0.00	0.00	99.14	
BSR	240MVAR,BUS REACTOR-2 AT BHIWANI			00:00:00			0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	11-11-2023	07:54:00	11-11-2023	17:11:00	0.39	0.00	0.00	0.00	9.28		* BR opened on voltage regulation. Voltage-398KV.
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	07-11-2023	10:03:00	07-11-2023	15:43:00	0.24	0.00	0.00	0.00	5.67		* BR opened on voltage regulation. Voltage-405KV.
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	08-11-2023	10:38:00	08-11-2023	22:08:00	0.48	0.00	0.00	0.00	11.50		* BR opened on voltage regulation . Voltage-395KV.
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	09-11-2023	07:06:00	09-11-2023	17:14:00	0.42	0.00	0.00	0.00	10.13		* BR opened on voltage regulation. Voltage-403KV.
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	04-11-2023	08:56:00	04-11-2023	21:30:00	0.52	0.00	0.00	0.00	12.57		* BR opened on voltage regulation. Voltage-395KV.
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	01-11-2023	00:00:01	02-11-2023	21:20:00	1.89	0.00	0.00	0.00	45.33		* BR opened on voltage regulation. Voltage-395KV.
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	05-11-2023	09:53:00	05-11-2023	20:10:00	0.43	0.00	0.00	0.00	10.28		* BR opened on voltage regulation. Voltage=393kv
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	13-11-2023	09:42:00	13-11-2023	15:51:00	0.26	0.00	0.00	0.00	6.15		* BR opened on voltage regulation. Voltage- 395 KV
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	14-11-2023	07:03:00	15-11-2023	21:46:00	1.61	0.00	0.00	0.00	38.72		* BR opened on voltage regulation. Voltage- 395 KV
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	06-11-2023	09:15:00	06-11-2023	15:40:00	0.27	0.00	0.00	0.00	6.42		* BR opened on voltage regulation . Voltage-395KV.
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	23-11-2023	10:37:00	23-11-2023	16:20:00	0.24	0.00	0.00	0.00	5.72		* BR opened on voltage regulation . Voltage-395KV.
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	20-11-2023	09:20:00	21-11-2023	21:15:00	1.50	0.00	0.00	0.00	35.92		* BR opened on voltage regulation. Voltage-395KV
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	17-11-2023	07:50:00	17-11-2023	17:29:00	0.40	0.00	0.00	0.00	9.65		* BR opened on voltage regulation. V-398KV
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	18-11-2023	11:26:00	18-11-2023	17:37:00	0.26	0.00	0.00	0.00	6.18		* BR opened on voltage regulation. V-400KV
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	16-11-2023	09:26:00	16-11-2023	20:51:00	0.48	0.00	0.00	0.00	11.42		* BR opened on voltage regulation. Voltage-395KV.
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	22-11-2023	09:03:00	22-11-2023	21:53:00	0.54	0.00	0.00	0.00	12.83		* BR opened on voltage regulation. Voltage-398KV.
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	24-11-2023	09:21:00	24-11-2023	18:52:00	0.40	0.00	0.00	0.00	9.52		* BR opened on voltage regulation. Voltage-396KV.
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	10-11-2023	10:05:00	10-11-2023	21:02:00	0.46	0.00	0.00	0.00	10.95		* BR opened on voltage regulation. V-398KV
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	03-11-2023	06:44:00	03-11-2023	17:25:00	0.45	0.00	0.00	0.00	10.68		* BR opened on voltage regulation. Voltage-396KV.
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	19-11-2023	08:42:00	19-11-2023	19:38:00	0.46	0.00	0.00	0.00	10.93		* BR opened on voltage regulation. Voltage- 395 KV
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	25-11-2023	08:51:00	25-11-2023	17:28:00	0.36	0.00	0.00	0.00	8.62		* BR opened on voltage regulation. V-395KV
BSR	80MVAR,BUS REACTOR-1 AT BHINMAL	SVRD	20-11-2023	09:20:00	21-11-2023	21:15:00	1.50	0.00	0.00	0.00	35.92		* BR opened on voltage regulation. V-398KV
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	03-11-2023	09:56:00	03-11-2023	17:35:00	0.32	0.00	0.00	0.00	7.65		* BR opened on voltage regulation. Voltage- 396 KV.
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	02-11-2023	09:03:00	02-11-2023	15:48:00	0.28	0.00	0.00	0.00	6.75		* BR opened on voltage regulation. Voltage-396KV.
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	12-11-2023	09:57:00	12-11-2023	14:12:00	0.18	0.00	0.00	0.00	4.25		* BR opened on voltage regulation. Voltage-396kV.
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	10-11-2023	10:19:00	10-11-2023	16:18:00	0.25	0.00	0.00	0.00	5.98		* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	08-11-2023	10:05:00	08-11-2023	21:42:00	0.48	0.00	0.00	0.00	11.62		* BR opened on voltage regulation. Voltage-396KV.
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	07-11-2023	10:03:00	07-11-2023	15:10:00	0.21	0.00	0.00	0.00	5.12		* BR opened on voltage regulation . Voltage-395KV.
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	01-11-2023	10:39:00	01-11-2023	21:08:00	0.44	0.00	0.00	0.00	10.48		* BR opened on voltage regulation . Voltage-392KV.
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	05-11-2023	09:55:00	05-11-2023	15:58:00	0.25	0.00	0.00	0.00	6.05		* BR opened on voltage regulation. Voltage- 395 KV
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	30-11-2023	09:41:00	30-11-2023	14:53:00	0.22	0.00	0.00	0.00	5.20		* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	13-11-2023	10:50:00	15-11-2023	15:08:00	2.18	0.00	0.00	0.00	52.30		* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	24-11-2023	09:37:00	24-11-2023	14:02:00	0.18	0.00	0.00	0.00	4.42		* BR opened on voltage regulation. V-395KV
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	06-11-2023	09:20:00	06-11-2023	15:52:00	0.27	0.00	0.00	0.00	6.53		* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	28-11-2023	10:42:00	28-11-2023	15:03:00	0.18	0.00	0.00	0.00	4.35		* BR opened on voltage regulation. Voltage- 395 KV
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	22-11-2023	08:07:00	22-11-2023	16:51:00	0.36	0.00	0.00	0.00	8.73		* BR opened on voltage regulation. Voltage-396kV.
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	16-11-2023	09:24:00	16-11-2023	21:00:00	0.48	0.00	0.00	0.00	11.60		* BR opened on voltage regulation. Voltage=400kV
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	19-11-2023	09:41:00	19-11-2023	15:26:00	0.24	0.00	0.00	0.00	5.75		* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR,BUS REACTOR-1 AT BIKANER	SVRD	18-11-2023	11:45:00	18-11-2023	15:37:00	0.16	0.00	0.00	0.00	3.87		* BR opened on voltage regulation. Voltage-395KV.
BSR	330MVAR,BUS REACTOR-1 AT BIKANER	SVRD	02-11-2023	09:36:00	02-11-2023	16:11:00	0.27	0.00	0.00	0.00	6.58		* BR opened on voltage regulation. Voltage-395KV
BSR	330MVAR,BUS REACTOR-1 AT BIKANER	SVRD	12-11-2023	10:38:00	12-11-2023	13:41:00	0.13	0.00	0.00	0.00	3.05		* BR opened on voltage regulation. Voltage-755KV.

**Standard of Performance data for the month of Nov-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 ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
BSR	330MVAR,BUS REACTOR-1 AT BIKANER	SVRD	10-11-2023	10:17:00	10-11-2023	16:04:00	0.24	0.00	0.00	0.00	5.78		* BR opened on voltage regulation. Voltage=760KV.
BSR	330MVAR,BUS REACTOR-1 AT BIKANER	SVRD	08-11-2023	10:04:00	08-11-2023	16:18:00	0.26	0.00	0.00	0.00	6.23		* BR opened on voltage regulation. Voltage=765kV
BSR	330MVAR,BUS REACTOR-1 AT BIKANER	SVRD	11-11-2023	10:37:00	11-11-2023	16:30:00	0.25	0.00	0.00	0.00	5.88		* BR opened on voltage regulation . Voltage=750KV.
BSR	330MVAR,BUS REACTOR-1 AT BIKANER	SVRD	05-11-2023	09:31:00	05-11-2023	15:34:00	0.25	0.00	0.00	0.00	6.05		* BR opened on voltage regulation. Voltage=756KV.
BSR	330MVAR,BUS REACTOR-1 AT BIKANER	SVRD	13-11-2023	09:53:00	13-11-2023	13:50:00	0.17	0.00	0.00	0.00	3.95		* BR opened on voltage regulation.Voltage=755kV
BSR	330MVAR,BUS REACTOR-1 AT BIKANER	SVRD	21-11-2023	11:15:00	21-11-2023	15:30:00	0.18	0.00	0.00	0.00	4.25		* BR opened on voltage regulation. Voltage=755KV.
BSR	330MVAR,BUS REACTOR-1 AT BIKANER	SVRD	29-11-2023	11:04:00	29-11-2023	15:10:00	0.17	0.00	0.00	0.00	4.10		* BR opened on voltage regulation.Voltage=760kV
BSR	330MVAR,BUS REACTOR-1 AT BIKANER	SVRD	25-11-2023	11:06:00	25-11-2023	14:21:00	0.14	0.00	0.00	0.00	3.25		* BR opened on voltage regulation. Voltage=755 KV.
BSR	330MVAR,BUS REACTOR-1 AT BIKANER	SVRD	23-11-2023	11:49:00	23-11-2023	15:09:00	0.14	0.00	0.00	0.00	3.33		* BR opened on voltage regulation. V-760KV
BSR	330MVAR,BUS REACTOR-1 AT BIKANER	SVRD	24-11-2023	11:27:00	24-11-2023	15:48:00	0.18	0.00	0.00	0.00	4.35		* BR opened on voltage regulation. Voltage=755KV.
BSR	330MVAR,BUS REACTOR-1 AT BIKANER	SVRD	18-11-2023	09:48:00	18-11-2023	15:42:00	0.25	0.00	0.00	0.00	5.90		* BR opened on voltage regulation . Voltage=756KV.
BSR	330MVAR,BUS REACTOR-1 AT BIKANER	SVRD	01-11-2023	09:32:00	01-11-2023	15:41:00	0.26	0.00	0.00	0.00	6.15		* BR opened on voltage regulation. Voltage=750KV.
BSR	330MVAR,BUS REACTOR-1 AT BIKANER	SVRD	03-11-2023	10:17:00	03-11-2023	15:31:00	0.22	0.00	0.00	0.00	5.23		* BR opened on voltage regulation. Voltage=756KV.
							3.11	0.00	0.00	0.00	74.08	100.00	
BSR	125MVAR,BUS REACTOR-1 AT CHITTORGARH	SVRD	10-11-2023	11:12:00	10-11-2023	21:06:00	0.41	0.00	0.00	0.00	9.90		* BR opened on voltage regulation. Voltage=395KV.
BSR	125MVAR,BUS REACTOR-1 AT CHITTORGARH	SVRD	22-11-2023	09:59:00	22-11-2023	16:41:00	0.28	0.00	0.00	0.00	6.70		* BR opened on voltage regulation. Voltage=400kV
BSR	125MVAR,BUS REACTOR-1 AT CHITTORGARH	SVRD	15-11-2023	09:52:00	18-11-2023	21:36:00	3.49	0.00	0.00	0.00	83.73		* BR opened on voltage regulation . Voltage=394KV.
BSR	125MVAR,BUS REACTOR-1 AT CHITTORGARH	SVRD	06-11-2023	09:29:00	06-11-2023	15:53:00	0.27	0.00	0.00	0.00	6.40		* BR opened on voltage regulation. Voltage=396 KV.
BSR	125MVAR,BUS REACTOR-1 AT CHITTORGARH	SVRD	02-11-2023	10:05:00	02-11-2023	15:33:00	0.23	0.00	0.00	0.00	5.47		* BR opened on voltage regulation. Voltage- 395 KV
							4.68	0.00	0.00	0.00	112.20	100.00	
BSR	240MVAR,BUS REACTOR-1 AT CHITTORGARH			00:00:00		00:00:00	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 DEHRADUN	SVRD	15-11-2023	11:07:00	15-11-2023	20:41:00	0.40	0.00	0.00	0.00	9.57		* BR opened on voltage regulation. Voltage=395KV.
							0.40	0.00	0.00	0.00	9.57	100.00	
BSR	125MVAR,BUS REACTOR-1 AT DWARKA			00:00:00		00:00:00	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 FATEHGARH-2	SVRD	01-11-2023	00:00:01	26-11-2023	13:08:00	25.55	0.00	0.00	0.00	613.13		* BR opened on voltage regulation. Voltage=396KV.
							25.55	0.00	0.00	0.00	613.13	100.00	
BSR	240MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	15-11-2023	10:04:00	15-11-2023	19:48:00	0.41	0.00	0.00	0.00	9.73		* BR opened on voltage regulation. Voltage=756KV.
BSR	240MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	17-11-2023	09:25:00	17-11-2023	21:08:00	0.49	0.00	0.00	0.00	11.72		* BR opened on voltage regulation. Voltage=760KV.
BSR	240MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	13-11-2023	09:34:00	13-11-2023	19:54:00	0.43	0.00	0.00	0.00	10.33		* BR opened on voltage regulation. V-759kV
BSR	240MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	16-11-2023	08:40:00	16-11-2023	22:18:00	0.57	0.00	0.00	0.00	13.63		* BR opened on voltage regulation. Voltage=755KV.
BSR	240MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	01-11-2023	00:00:01	12-11-2023	20:13:00	11.84	0.00	0.00	0.00	284.22		* BR opened on voltage regulation. V-760kV
BSR	240MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	18-11-2023	10:06:00	23-11-2023	17:00:00	5.29	0.00	0.00	0.00	126.90		* BR opened on voltage regulation . Voltage=760KV.
BSR	240MVAR,BUS REACTOR-1 AT FATEHGARH-2	SVRD	14-11-2023	09:44:00	14-11-2023	16:15:00	0.27	0.00	0.00	0.00	6.52		* BR opened on voltage regulation. Voltage=765KV.
							19.30	0.00	0.00	0.00	463.05	100.00	
BSR	240MVAR,BUS REACTOR-2 AT FATEHGARH-2	SVRD	13-11-2023	09:48:00	13-11-2023	20:12:00	0.43	0.00	0.00	0.00	10.40		* BR opened on voltage regulation. V-766kV
BSR	240MVAR,BUS REACTOR-2 AT FATEHGARH-2	SVRD	14-11-2023	10:42:00	14-11-2023	16:20:00	0.24	0.00	0.00	0.00	5.63		* BR opened on voltage regulation. V-766kV
BSR	240MVAR,BUS REACTOR-2 AT FATEHGARH-2	SVRD	30-11-2023	10:55:00	30-11-2023	23:59:59	0.55	0.00	0.00	0.00	13.08		* BR opened on voltage regulation. V-759kV
BSR	240MVAR,BUS REACTOR-2 AT FATEHGARH-2	SVRD	15-11-2023	11:12:00	17-11-2023	22:14:00	2.46	0.00	0.00	0.00	59.03		* BR opened on voltage regulation. Voltage=755KV.
BSR	240MVAR,BUS REACTOR-2 AT FATEHGARH-2	SVRD	18-11-2023	10:39:00	18-11-2023	17:26:00	0.28	0.00	0.00	0.00	6.78		* BR opened on voltage regulation. Voltage=760KV.
BSR	240MVAR,BUS REACTOR-2 AT FATEHGARH-2	SVRD	01-11-2023	07:27:00	12-11-2023	20:26:00	11.54	0.00	0.00	0.00	276.98		* BR opened on voltage regulation. Voltage=760KV.
BSR	240MVAR,BUS REACTOR-2 AT FATEHGARH-2	SVRD	01-11-2023	07:27:00	12-11-2023	20:26:00	11.54	0.00	0.00	0.00	276.98		* BR opened on voltage regulation . Voltage=750KV.
							27.04	0.00	0.00	0.00	648.88	100.00	
BSR	50MVAR,BUS REACTOR-1 AT HISAR			00:00:00		00:00:00	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 HISAR			00:00:00		00:00:00	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 RECTOR-3 AT HISAR			00:00:00		00:00:00	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 Nov-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 ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
BSR	125MVAR,BUS REACTOR-1 AT JAIPUR SOUTH	SVRD	27-11-2023	10:16:00	27-11-2023	13:43:00	0.14	0.00	0.00	0.00	3.45		* BR opened on voltage regulation. Voltage- 395 KV.
BSR	125MVAR,BUS REACTOR-1 AT JAIPUR SOUTH	SVRD	22-11-2023	09:52:00	22-11-2023	20:25:00	0.44	0.00	0.00	0.00	10.55		* BR opened on voltage regulation . Voltage-395KV.
BSR	125MVAR,BUS REACTOR-1 AT JAIPUR SOUTH	SVRD	24-11-2023	09:40:00	24-11-2023	14:30:00	0.20	0.00	0.00	0.00	4.83		* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR,BUS REACTOR-1 AT JAIPUR SOUTH	SVRD	06-11-2023	09:23:00	06-11-2023	15:51:00	0.27	0.00	0.00	0.00	6.47		* BR opened on voltage regulation. Voltage-396KV.
BSR	125MVAR,BUS REACTOR-1 AT JAIPUR SOUTH	SVRD	19-11-2023	09:43:00	19-11-2023	15:41:00	0.25	0.00	0.00	0.00	5.97		* BR opened on voltage regulation. V-398kV
BSR	125MVAR,BUS REACTOR-1 AT JAIPUR SOUTH	SVRD	20-11-2023	11:03:00	20-11-2023	15:39:00	0.19	0.00	0.00	0.00	4.60		* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR,BUS REACTOR-1 AT JAIPUR SOUTH	SVRD	23-11-2023	10:35:00	23-11-2023	15:20:00	0.20	0.00	0.00	0.00	4.75		* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR,BUS REACTOR-1 AT JAIPUR SOUTH	SVRD	14-11-2023	10:20:00	14-11-2023	15:19:00	0.21	0.00	0.00	0.00	4.98		* BR opened on voltage regulation. Voltage- 395 KV.
BSR	125MVAR,BUS REACTOR-1 AT JAIPUR SOUTH	SVRD	02-11-2023	08:58:00	02-11-2023	21:40:00	0.53	0.00	0.00	0.00	12.70		* BR opened on voltage regulation. Voltage-394KV.
BSR	125MVAR,BUS REACTOR-1 AT JAIPUR SOUTH	SVRD	03-11-2023	09:33:00	03-11-2023	17:38:00	0.34	0.00	0.00	0.00	8.08		* BR opened on voltage regulation. Voltage- 405 KV.
BSR	125MVAR,BUS REACTOR-1 AT JAIPUR SOUTH	SVRD	04-11-2023	10:25:00	04-11-2023	16:23:00	0.25	0.00	0.00	0.00	5.97		* BR opened on voltage regulation.Voltage-396kV
BSR	125MVAR,BUS REACTOR-1 AT JAIPUR SOUTH	SVRD	10-11-2023	10:39:00	10-11-2023	21:23:00	0.45	0.00	0.00	0.00	10.73		* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR,BUS REACTOR-1 AT JAIPUR SOUTH	SVRD	07-11-2023	10:16:00	07-11-2023	15:49:00	0.23	0.00	0.00	0.00	5.55		* BR opened on voltage regulation. Voltage- 395 KV
BSR	125MVAR,BUS REACTOR-1 AT JAIPUR SOUTH	SVRD	08-11-2023	10:06:00	08-11-2023	21:51:00	0.49	0.00	0.00	0.00	11.75		* BR opened on voltage regulation. Volatge=393kV
							4.19	0.00	0.00	0.00	100.38	100.00	
BSR	125MVAR,BUS REACTOR-2 AT JAIPUR SOUTH	SVRD	24-11-2023	09:40:00	24-11-2023	14:30:00	0.20	0.00	0.00	0.00	4.83		* BR opened on voltage regulation . Voltage-397KV.
BSR	125MVAR,BUS REACTOR-2 AT JAIPUR SOUTH	SVRD	08-11-2023	10:06:00	08-11-2023	16:51:00	0.28	0.00	0.00	0.00	6.75		* BR opened on voltage regulation. Voltage-394KV.
BSR	125MVAR,BUS REACTOR-2 AT JAIPUR SOUTH	SVRD	07-11-2023	10:17:00	07-11-2023	15:17:00	0.21	0.00	0.00	0.00	5.00		* BR opened on voltage regulation. Voltage-396KV.
BSR	125MVAR,BUS REACTOR-2 AT JAIPUR SOUTH	SVRD	10-11-2023	10:39:00	10-11-2023	16:37:00	0.25	0.00	0.00	0.00	5.97		* BR opened on voltage regulation. Voltage- 395 KV.
BSR	125MVAR,BUS REACTOR-2 AT JAIPUR SOUTH	SVRD	04-11-2023	10:26:00	04-11-2023	16:33:00	0.26	0.00	0.00	0.00	6.12		* BR opened on voltage regulation. Voltage-395KV.
							1.20	0.00	0.00	0.00	28.67	100.00	
BSR	240MVAR,BUS REACTOR-1 AT PHAGI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-1 AT JHATIKARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-2 AT JHATIKARA			00:00:00		00:00:00	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 JIND			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	25MVAR,BUS REACTOR-2 AT JIND			00:00:00		00:00:00	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 KANKROLI	SVRD	15-11-2023	09:53:00	15-11-2023	15:12:00	0.22	0.00	0.00	0.00	5.32		* BR opened on voltage regulation. Voltage- 395 KV
BSR	125MVAR,BUS REACTOR-1 AT KANKROLI	SVRD	14-11-2023	09:11:00	14-11-2023	16:17:00	0.30	0.00	0.00	0.00	7.10		* BR opened on voltage regulation. Voltage-405KV.
BSR	125MVAR,BUS REACTOR-1 AT KANKROLI	SVRD	17-11-2023	09:04:00	17-11-2023	22:30:00	0.56	0.00	0.00	0.00	13.43		* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR,BUS REACTOR-1 AT KANKROLI	SVRD	22-11-2023	09:39:00	22-11-2023	16:45:00	0.30	0.00	0.00	0.00	7.10		* BR opened on voltage regulation. Voltage- 395 KV.
BSR	125MVAR,BUS REACTOR-1 AT KANKROLI	SVRD	20-11-2023	09:16:00	20-11-2023	19:43:00	0.44	0.00	0.00	0.00	10.45		* BR opened on voltage regulation. Voltage- 395 KV.
BSR	125MVAR,BUS REACTOR-1 AT KANKROLI	SVRD	21-11-2023	09:48:00	21-11-2023	17:25:00	0.32	0.00	0.00	0.00	7.62		* BR opened on voltage regulation. Voltage-398KV.
BSR	125MVAR,BUS REACTOR-1 AT KANKROLI	SVRD	16-11-2023	09:24:00	16-11-2023	20:51:00	0.48	0.00	0.00	0.00	11.45		* BR opened on voltage regulation. Voltage=393kV
BSR	125MVAR,BUS REACTOR-1 AT KANKROLI	SVRD	19-11-2023	08:41:00	19-11-2023	19:38:00	0.46	0.00	0.00	0.00	10.95		* BR opened on voltage regulation . Voltage-395KV.
BSR	125MVAR,BUS REACTOR-1 AT KANKROLI	SVRD	06-11-2023	09:55:00	06-11-2023	15:40:00	0.24	0.00	0.00	0.00	5.75		* BR opened on voltage regulation. Kankrolli-395KV.
BSR	125MVAR,BUS REACTOR-1 AT KANKROLI	SVRD	03-11-2023	06:51:00	03-11-2023	20:45:00	0.58	0.00	0.00	0.00	13.90		* BR opened on voltage regulation. Voltage-395KV.
BSR	125MVAR,BUS REACTOR-1 AT KANKROLI	SVRD	05-11-2023	08:37:00	05-11-2023	20:09:00	0.48	0.00	0.00	0.00	11.53		* BR opened on voltage regulation. V-400kV
BSR	125MVAR,BUS REACTOR-1 AT KANKROLI	SVRD	04-11-2023	08:59:00	04-11-2023	21:30:00	0.52	0.00	0.00	0.00	12.52		* BR opened on voltage regulation. Volatge=393kV
BSR	125MVAR,BUS REACTOR-1 AT KANKROLI	SVRD	10-11-2023	10:24:00	10-11-2023	21:04:00	0.44	0.00	0.00	0.00	10.67		* BR opened on voltage regulation. V-401kV
BSR	125MVAR,BUS REACTOR-1 AT KANKROLI	SVRD	07-11-2023	10:20:00	07-11-2023	17:20:00	0.29	0.00	0.00	0.00	7.00		* BR opened on voltage regulation. Voltage-394KV.
BSR	125MVAR,BUS REACTOR-1 AT KANKROLI	SVRD	09-11-2023	07:00:00	09-11-2023	21:28:00	0.60	0.00	0.00	0.00	14.47		* BR opened on voltage regulation. Voltage=400kV
BSR	125MVAR,BUS REACTOR-1 AT KANKROLI	SVRD	01-11-2023	09:29:00	01-11-2023	19:48:00	0.43	0.00	0.00	0.00	10.32		* BR opened on voltage regulation. Voltage-395KV
BSR	125MVAR,BUS REACTOR-1 AT KANKROLI	SVRD	11-11-2023	07:59:00	11-11-2023	20:52:00	0.54	0.00	0.00	0.00	12.88		* BR opened on voltage regulation. Voltage- 395 KV
BSR	125MVAR,BUS REACTOR-1 AT KANKROLI	SVRD	02-11-2023	09:00:00	02-11-2023	15:32:00	0.27	0.00	0.00	0.00	6.53		* BR opened on voltage regulation. V-396kV
							7.47	0.00	0.00	0.00	178.99	100.00	
BSR	50MVAR,BUS REACTOR-2 AT KANKROLI	SVRD	02-11-2023	09:58:00	02-11-2023	15:59:00	0.25	0.00	0.00	0.00	6.02		* BR opened on voltage regulation. V-399kV
BSR	50MVAR,BUS REACTOR-2 AT KANKROLI	SVRD	10-11-2023	10:26:00	10-11-2023	21:27:00	0.46	0.00	0.00	0.00	11.02		* BR opened on voltage regulation. Voltage-395KV





**Standard of Performance data for the month of Nov-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 ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV HISAR-HISAR(HVPNL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV HISAR-HISAR(HVPNL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV IG NAGAR(RRVPNL)-HIRAPURA(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV LALSOT(RRVPNL)-DAUSA(RRVPNL)	OSFD	20-11-2023	13:20:00	20-11-2023	17:31:00	0.17	0.00	0.00	0.00	4.18	100.00	* Forced shutdown by RRVPNL to attend damaged conductor of* 220kV Lalsot-Dausa-1 b/w tower no 7-8 in LILO portion. LILO* portion is under the jurisdiction of RRVPNL.
CKT	220kV LALSOT(RRVPNL)-DAUSA(RRVPNL)	OSFD	20-11-2023	13:20:00	20-11-2023	17:31:00	0.17	0.00	0.00	0.00	4.18	100.00	* Shutdown by RVPN for half yearly maintenance works at their* end.
CKT	220kV LALSOT(RRVPNL)-DAUSA(RRVPNL)	OSPD	08-11-2023	14:26:00	08-11-2023	20:06:00	0.24	0.00	0.00	0.00	5.67	100.00	* Line open on LPRD to manage high loading on 220KV Dausa-Bassi(PG)-ckt-1 <(>&<)>2.
CKT	220kV LALSOT(RRVPNL)-DAUSA(RRVPNL)	LPRD	04-11-2023	17:15:00	08-11-2023	14:26:00	3.88	0.00	0.00	0.00	93.18	100.00	* Forced shutdown by RRVPNL to attend damaged conductor of* 220kV Lalsot-Dausa-1 b/w tower no 7-8 in LILO portion. LILO* portion is under the jurisdiction of RRVPNL.
							4.46	0.00	0.00	0.00	107.21	100.00	
CKT	220kV MANSROVAR(RRVPNL)-HIRAPURA(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV MEERUT-MODIPURAM(UPPTCL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV MEERUT-MODIPURAM(UPPTCL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV MEERUT-NARA(UPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV MEERUT-SHATABDINAGAR(UPPTCL)	OSFD	10-11-2023	07:05:00	10-11-2023	08:18:00	0.05	0.00	0.00	0.00	1.22	100.00	* Shutdown by UPPCL for routine maintenance of line and bay, removal of nests and other maintenance work at their end.
CKT	220kV MEERUT-SHATABDINAGAR(UPPTCL)	OSPD	03-11-2023	10:37:00	03-11-2023	19:09:00	0.36	0.00	0.00	0.00	8.53	100.00	* Shutdown by UPPCL for routine maintenance of line and bay, removal of nests and other maintenance work in their line portion.
CKT	220kV MEERUT-SHATABDINAGAR(UPPTCL)	OSPD	04-11-2023	11:06:00	04-11-2023	18:37:00	0.31	0.00	0.00	0.00	7.52	100.00	* Shutdown by UPPCL from Shatabdinagar end only to attend hotspot on Bus at their end.
							0.72	0.00	0.00	0.00	17.27	100.00	
CKT	220kV MEERUT-SIMBHOLI(UPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV RAPPB(NPCIL)-CHITTORGARH(RRVPNL)-1	LVRD	28-11-2023	22:55:00	29-11-2023	06:49:00	0.33	0.00	0.00	0.00	7.90	100.00	* Forced SD to attend CB maintenance work at RAPP B end . This line was opened on V/R at 22:55 hrs/28.11.23. During charging line ws not hold <(>&<)> tripped on PD at RAPPB end.
CKT	220kV RAPPB(NPCIL)-CHITTORGARH(RRVPNL)-1	OSFD	29-11-2023	06:49:00	30-11-2023	17:57:00	1.46	0.00	0.00	0.00	35.13	100.00	* Line opened on voltage regulation. RAPPB-225KV.
							1.79	0.00	0.00	0.00	43.03	100.00	
CKT	220kV RAPPB(NPCIL)-CHITTORGARH(RRVPNL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV RAPPB(NPCIL)-RAPP(NPCIL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV RAPPB(NPCIL)-UDAIPUR(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV RATANGARH(RRVPNL)-SIKAR-1	OSFD	28-11-2023	14:35:00	28-11-2023	19:24:00	0.20	0.00	0.00	0.00	4.82	100.00	* Tripped only from ratangarh end. Autoreclosed from sikar end. Sikar* FLR: R-N, 42.83km, 3.5kA, Ratangarh=Y-N, 32.3km, 4.788kA, Z-1. Fault* under RRVPNL Jurisdiction.
CKT	220kV RATANGARH(RRVPNL)-SIKAR-1	OMSU	18-11-2023	02:25:00	18-11-2023	03:10:00	0.03	0.00	0.75	0.00	0.00	100.00	* Forced shutdown by RRVPNL to attend damage disc insulator Yphase of 220kv Sikar-Ratangath-2 at loc no-41.
							0.23	0.00	0.75	0.00	4.82	100.00	
CKT	220kV RATANGARH(RRVPNL)-SIKAR-2	OMSU	28-11-2023	06:10:00	28-11-2023	19:42:00	0.56	0.00	13.53	0.00	0.00	100.00	* Tripped on R-N fault. Sikar-R-N/65.58KM/3.33KA. Fault under RVPN portion of the line. Forced shutdown taken by RRVPNL to attend damage disc insulator Yphase at loc no-41.
							0.56	0.00	13.53	0.00	0.00	100.00	
CKT	220kV-SAMAYPUR(HVPNL)-SEC58-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV-SAMAYPUR(HVPNL)-SEC58-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV SANGANER(RRVPNL)-MANSROVAR(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV S.MADHOPUR(RRVPNL)-DAUSA(RRVPNL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV SIKAR(RRVPNL)-SIKAR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV SIKAR(RRVPNL)-SIKAR-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV AGRA-JAIPUR SOUTH-1	LVRD	21-11-2023	19:53:00	22-11-2023	07:17:00	0.48	0.00	0.00	0.00	11.40	100.00	* ES/D by NR-3 to attend Y-phase isolator alignment issue at Agra end.
CKT	400kV AGRA-JAIPUR SOUTH-1	LVRD	23-11-2023	19:27:00	24-11-2023	07:06:00	0.49	0.00	0.00	0.00	11.65	100.00	* Line opened on voltage regulation. Agra-425KV.
CKT	400kV AGRA-JAIPUR SOUTH-1	LVRD	19-11-2023	19:41:00	20-11-2023	06:57:00	0.47	0.00	0.00	0.00	11.27	100.00	* Line opened on voltage regulation. Agra-425KV.
CKT	400kV AGRA-JAIPUR SOUTH-1	LVRD	15-11-2023	20:30:00	16-11-2023	08:22:00	0.49	0.00	0.00	0.00	11.87	100.00	* Line opened on voltage regulation. Agra-425KV.
CKT	400kV AGRA-JAIPUR SOUTH-1	LVRD	17-11-2023	18:45:00	18-11-2023	07:00:00	0.51	0.00	0.00	0.00	12.25	100.00	* Line kept opened on voltage regulation. Agra-425KV.





**Standard of Performance data for the month of Nov-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 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 BABA(RRVPNL)-SIKAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAGPAT-DEHRADUN			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAGPAT-MEERUT-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAGPAT-MEERUT-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAGPAT-SAHARANPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BALLABHGARH-NAVADA(HVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BASSI-HIRAPURA(RRVPNL)-1	LVRD	26-11-2023	19:51:00	27-11-2023	08:32:00	0.53	0.00	0.00	0.00	12.68	100.00	* Line opened on voltage regulation. Bassi-422KV.
CKT	400kV BASSI-HIRAPURA(RRVPNL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BASSI-JAIPUR SOUTH-1	LVRD	16-11-2023	01:14:00	16-11-2023	07:52:00	0.28	0.00	0.00	0.00	6.63	100.00	* Line opened on voltage regulation. Bassi-422KV.
CKT	400kV BASSI-JAIPUR SOUTH-1	LVRD	28-11-2023	01:56:00	28-11-2023	07:30:00	0.23	0.00	0.00	0.00	5.57	100.00	* Line opened on voltage regulation. Jaipursouth-420kV* Page
CKT	400kV BASSI-JAIPUR SOUTH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BASSI-PHAGI(RRVPNL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BASSI-PHAGI(RRVPNL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BEAWAR(SREE CEMENT)-MERTA(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAHADURGARH-BAWANA(DTL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAHADURGARH-KABULPUR(HVPNL)	OSFT	08-11-2023	09:39:00	08-11-2023	17:11:00	0.31	7.53	0.00	0.00	0.00	98.95	* Forced Shutdown to attend hot spot in R phase of line isolator* -89 at Bahadurgarh end.
CKT	400kV BAHADURGARH-SONIPAT-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BAHADURGARH-SONIPAT-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHADLA-BHADLA(RRVPNL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHADLA-BHADLA(RRVPNL)-2	OSFT	02-11-2023	17:57:00	03-11-2023	04:24:00	0.44	10.45	0.00	0.00	0.00	98.55	* Forced shutdown by PG to attend hotspot at wave trap bottom R phase at BHADLA(RVPNL) end.
CKT	400KV-BHDLA(PG) _R-BHADLA2-1	LCSD	13-11-2023	23:16:00	14-11-2023	03:02:00	0.16	0.00	0.00	0.00	3.77	100.00	* Shutdown for installation of Bird Diverters.
CKT	400KV-BHDLA(PG) _R-BHADLA2-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BASSI-BHIWADI-1	LART	28-11-2023	04:34:00	28-11-2023	04:34:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R Successful in 400kV Bhiwadi Bassi line at 04:34 hrs on 28.11.203** Fault detail at Bhiwadi end:- Main-II: B-N Fault, If-6.3kA, FL-54.57KM* Zone-1** Fault detail at Bassi end:- B-N Fault, FL-61.69KM,If-6.26kA, Zone-1
CKT	400kV BASSI-BHIWADI-1	LART	28-11-2023	04:34:00	28-11-2023	04:34:00	0.00	0.00	0.00	0.00	0.00	100.00	* Successfully autoreclosed on B-N fault. Bhiwadi :- B Ph-N, 61.69KM,* 7.26KA. Bassi :-B Ph-N. 158.98KM <-> 3.17KA. Fault is in Bhiwadi TL* portion.
CKT	400kV BHIWADI-KOTPUTLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHIWADI-NEEMRANA-1	LVRD	11-11-2023	00:34:00	11-11-2023	08:28:00	0.33	0.00	0.00	0.00	7.90	100.00	* Line opened on voltage regulation. Bhiwadi-425KV.
CKT	400kV BHIWADI-NEEMRANA-2	LVRD	11-11-2023	20:57:00	13-11-2023	08:00:00	1.46	0.00	0.00	0.00	35.05	100.00	* Line opened on voltage regulation. Bhiwadi-425KV.
CKT	400kV BHIWANI(BBMB)-BHIWANI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHIWANI-JIND-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHIWANI-JIND-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHIWANI-KABULPUR(HVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-BHIWN-MHNDGRH-CKT-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-BHIWN-MHNDGRH-CKT-4	LCSD	01-11-2023	17:38:00	01-11-2023	22:06:00	0.19	0.00	0.00	0.00	4.47	100.00	* Shutdown for bypass commissioning works (to close the By pass isolator at Bhiwani PG).The line will be charged as 400KV Mahendergarh-Hissar-4 line.
CKT	400kV BHINMAL-KANKROLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-BIKANER-BIKANR2-CKT-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

**Standard of Performance data for the month of Nov-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 ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-BIKANER-BIKANR2-CKT-II			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV BAMNOLI(DTL)-TUGHLAKABD-1	OMSU	20-11-2023	19:08:00	20-11-2023	21:53:00	0.12	0.00	2.75	0.00	0.00		* Line tripped on R-Y-B fault, FLR Tughlakabad: 66.92km (98%), 7.37kA.* Fault is under DTL jurisdiction. (Powergrid jurisdiction: 27.8KM from* Tughlakabad; Total line length: 70KM).* Note: At the time Line tripping/fault 400kV Bus-1 is under SD at Bamnoli
CKT	400KV BAMNOLI(DTL)-TUGHLAKABD-1	OMSU	20-11-2023	19:08:00	20-11-2023	21:53:00	0.12	0.00	2.75	0.00	0.00		* Line tripped on R-Y-B fault, FLR Tughlakabad: 66.37km (97%), 7.05kA.* Fault is under DTL jurisdiction.
							0.24	0.00	5.50	0.00	0.00	100.00	
CKT	400KV BAMNOLI(DTL)-TUGHLAKABD-2	OMSU	20-11-2023	19:08:00	20-11-2023	21:53:00	0.12	0.00	2.75	0.00	0.00		* Line tripped on R-Y-B fault, FLR Tughlakabad: 66.92km (98%), 7.37kA.* Fault is under DTL jurisdiction. (Powergrid jurisdiction: 27.8KM from* Tughlakabad; Total line length: 70KM).* Note: At the time Line tripping/fault 400kV Bus-1 is under SD at Bamnoli
CKT	400KV BAMNOLI(DTL)-TUGHLAKABD-2	OMSU	20-11-2023	19:08:00	20-11-2023	21:53:00	0.12	0.00	2.75	0.00	0.00		* Line tripped on R-Y-B fault, FLR Tughlakabad: 66.92km (98%), 7.37kA.* Fault is under DTL jurisdiction.
							0.24	0.00	5.50	0.00	0.00	100.00	
CKT	400KV-BAREILY-MEERUT-3(LILO PART MEERUT)	LCSD	29-11-2023	09:59:00	29-11-2023	20:34:00	0.44	0.00	0.00	0.00	10.58		* Line opened on voltage regulation. Meerut-425KV.
CKT	400KV-BAREILY-MEERUT-3(LILO PART MEERUT)	SVRD	27-11-2023	01:15:00	27-11-2023	05:42:00	0.19	0.00	0.00	0.00	4.45		* Forced SD by NR-III to attend hot spot on B phase MBS isolator dropper at Bareilly.
CKT	400KV-BAREILY-MEERUT-3(LILO PART MEERUT)	OSFT	06-11-2023	12:05:00	06-11-2023	14:35:00	0.10	2.50	0.00	0.00	0.00		* Line opened on voltage regulation. Meerut-423KV.
CKT	400KV-BAREILY-MEERUT-3(LILO PART MEERUT)	LVRD	11-11-2023	00:39:00	11-11-2023	07:38:00	0.29	0.00	0.00	0.00	6.98		* S/D by NR-III for power line crossing work for under construction of Loop Out CKT of LILO of 765KV Ghatampur- Hapur line at Rampur
							1.02	2.50	0.00	0.00	22.01	99.65	
CKT	400KV-BAREILY-MEERUT-4(LILO PART MEERUT)	LCSD	29-11-2023	09:58:00	29-11-2023	20:35:00	0.44	0.00	0.00	0.00	10.62		* Line opened on voltage regulation. Meerut-420KV.
CKT	400KV-BAREILY-MEERUT-4(LILO PART MEERUT)	OMSU	10-11-2023	10:04:00	10-11-2023	11:21:00	0.05	0.00	1.28	0.00	0.00		* "Tripped. Meerut (Main-1): Y-B fault, 202.67KM, 3.1KA; Main-2 Y-B fault, 205.03KM, 3.1KA.* Bareilly-Y-B fault, 45.52KM,9.97 KA. Fault under POWERLINK jurisdiction of the line"
CKT	400KV-BAREILY-MEERUT-4(LILO PART MEERUT)	LVRD	11-11-2023	21:45:00	12-11-2023	05:53:00	0.34	0.00	0.00	0.00	8.13		* S/D by NR-III for power line crossing work for under construction of Loop Out CKT of LILO of 765KV Ghatampur- Hapur line at Rampur
							0.83	0.00	1.28	0.00	18.75	100.00	
CKT	400KV BAWANA(DTL)-BHIWANI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV CHITTORGARH-CHITTORGARH(RRVPNL)-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 CHITTORGARH-CHITTORGARH(RRVPNL)-2	LVRD	14-11-2023	21:48:00	15-11-2023	06:37:00	0.37	0.00	0.00	0.00	8.82		* Line opened on voltage regulation.Chittorgarh-425KV.
							0.37	0.00	0.00	0.00	8.82	100.00	
CKT	400KV DADRI(NTPC)-GREATER NOIDA(UPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV DADRI(NTPC)-MANDOLA-1	OSFT	07-11-2023	09:27:00	07-11-2023	16:40:00	0.30	7.22	0.00	0.00	0.00		* Forced shutdown to attend a flashover mark observed on 01* insulator and associated Hardware fitting in tower no 1 (B phase).
CKT	400KV DADRI(NTPC)-MANDOLA-1	LART	04-11-2023	04:03:00	04-11-2023	04:03:00	0.00	0.00	0.00	0.00	0.00		* Autoreclose successfully from both ends. Mandola-B N/44KM/5.59KA (100%). Bay at Dadri NT belongs to NTPC. Fault at NTPC* end. Generating unit stage-2 (UNIT-6:490MW) at NTPC end tripped at* same time.
							0.30	7.22	0.00	0.00	0.00	99.00	
CKT	400KV DADRI(NTPC)-MANDOLA-2	OMSU	04-11-2023	04:03:00	04-11-2023	06:33:00	0.10	0.00	2.50	0.00	0.00		* Tripped on DT received at Mandola end along with Rihand-Dadri bipole* caused by tripping of generating unit stage-2 (UNIT-6:490MW) at NTPC* end. Mandola-B-N/44KM/5.45KA.(100%). Bay at Dadri NT belongs to* NTPC
							0.10	0.00	2.50	0.00	0.00	100.00	
CKT	400KV DADRI(NTPC)-MAHRANIBAGH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV DADRI(NTPC)-MURADNAGAR(UPPTCL)	OSPD	23-11-2023	10:20:00	23-11-2023	18:01:00	0.32	0.00	0.00	0.00	7.68		* Shutdown by UPPCL for Routine X testing and preventive* maintenance works
							0.32	0.00	0.00	0.00	7.68	100.00	
CKT	400KV DADRI(NTPC)-PANIPAT(BBMB)-1	LVRD	19-11-2023	02:31:00	19-11-2023	06:11:00	0.15	0.00	0.00	0.00	3.67		* Line opened on voltage regulation.
CKT	400KV DADRI(NTPC)-PANIPAT(BBMB)-1	LVRD	27-11-2023	21:14:00	28-11-2023	05:49:00	0.36	0.00	0.00	0.00	8.58		* Line opened on voltage regulation.Dadri-425 KV
CKT	400KV DADRI(NTPC)-PANIPAT(BBMB)-1	LVRD	24-11-2023	00:04:00	24-11-2023	06:54:00	0.29	0.00	0.00	0.00	6.83		* Line opened on voltage regulation. Dadri-422KV.
CKT	400KV DADRI(NTPC)-PANIPAT(BBMB)-1	LVRD	30-11-2023	21:13:00	30-11-2023	23:59:59	0.12	0.00	0.00	0.00	2.78		* Line opened on voltage regulation. Dadri-423 KV.
CKT	400KV DADRI(NTPC)-PANIPAT(BBMB)-1	LVRD	25-11-2023	20:29:00	26-11-2023	06:47:00	0.43	0.00	0.00	0.00	10.30		* Line opened on voltage regulation. Dadri-422KV
CKT	400KV DADRI(NTPC)-PANIPAT(BBMB)-1	LVRD	15-11-2023	22:32:00	16-11-2023	08:03:00	0.40	0.00	0.00	0.00	9.52		* Line opened on voltage regulation. DAD-419KV.
CKT	400KV DADRI(NTPC)-PANIPAT(BBMB)-1	LVRD	16-11-2023	23:00:00	17-11-2023	06:52:00	0.33	0.00	0.00	0.00	7.87		* Line opened on voltage regulation.
CKT	400KV DADRI(NTPC)-PANIPAT(BBMB)-1	LVRD	19-11-2023	21:29:00	20-11-2023	07:10:00	0.40	0.00	0.00	0.00	9.68		* Line opened on voltage regulation. Dadri-421KV.
CKT	400KV DADRI(NTPC)-PANIPAT(BBMB)-1	LVRD	03-11-2023	21:31:00	04-11-2023	06:04:00	0.36	0.00	0.00	0.00	8.55		* Line opened on voltage regulation. Dadri-425KV.
CKT	400KV DADRI(NTPC)-PANIPAT(BBMB)-1	LVRD	13-11-2023	00:17:00	13-11-2023	08:34:00	0.35	0.00	0.00	0.00	8.28		* Line opened on voltage regulation. Dadri-418KV.
CKT	400KV DADRI(NTPC)-PANIPAT(BBMB)-1	LVRD	29-11-2023	23:55:00	30-11-2023	08:54:00	0.37	0.00	0.00	0.00	8.98		* Line opened on voltage regulation. Dadri-425KV.
CKT	400KV DADRI(NTPC)-PANIPAT(BBMB)-1	LVRD	10-11-2023	21:31:00	11-11-2023	07:12:00	0.40	0.00	0.00	0.00	9.68		* Line opened on voltage regulation. Dadri421KV
CKT	400KV DADRI(NTPC)-PANIPAT(BBMB)-1	LVRD	06-11-2023	00:31:00	06-11-2023	07:35:00	0.29	0.00	0.00	0.00	7.07		* Line opened on voltage regulation. Dadri-422KV
							4.25	0.00	0.00	0.00	101.79	100.00	
CKT	400KV DADRI(NTPC)-PANIPAT(BBMB)-2	LVRD	26-11-2023	21:41:00	27-11-2023	06:16:00	0.36	0.00	0.00	0.00	8.58		* "Forced shutdown to attend hotspot (100 Degc ) on line isolator jumper conductor at Dadri(NTPC). * Bays at Dadri belongs to POWERGRID."
CKT	400KV DADRI(NTPC)-PANIPAT(BBMB)-2	LVRD	15-11-2023	00:37:00	15-11-2023	06:37:00	0.25	0.00	0.00	0.00	6.00		* Line opened on voltage regulation. Dadri-415KV.
CKT	400KV DADRI(NTPC)-PANIPAT(BBMB)-2	LVRD	20-11-2023	21:41:00	21-11-2023	07:21:00	0.40	0.00	0.00	0.00	9.67		* Line opened on voltage regulation. Dadri-426KV.

**Standard of Performance data for the month of Nov-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 ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV DADRI(NTPC)-PANIPAT(BBMB)-2	OSFT	10-11-2023	12:45:00	10-11-2023	17:20:00	0.19	4.58	0.00	0.00	0.00		* Line opened on voltage regulation. Dadri-422KV
CKT	400kV DADRI(NTPC)-PANIPAT(BBMB)-2	LVRD	11-11-2023	20:15:00	12-11-2023	05:46:00	0.40	0.00	0.00	0.00	9.52		* Line opened on voltage regulation. Dadri421KV
CKT	400kV DADRI(NTPC)-PANIPAT(BBMB)-2	LVRD	20-11-2023	21:41:00	21-11-2023	07:21:00	0.40	0.00	0.00	0.00	9.67		* Line opened on voltage regulation. Dadri-420KV.
CKT	400kV DADRI(NTPC)-PANIPAT(BBMB)-2	LVRD	24-11-2023	20:36:00	25-11-2023	06:45:00	0.42	0.00	0.00	0.00	10.15		* Line opened on voltage regulation.Dadri-425 KV
CKT	400kV DADRI(NTPC)-PANIPAT(BBMB)-2	LVRD	17-11-2023	22:43:00	18-11-2023	09:54:00	0.47	0.00	0.00	0.00	11.18		* Line opened on voltage regulation. Dadri-422KV.
CKT	400kV DADRI(NTPC)-PANIPAT(BBMB)-2	LVRD	29-11-2023	01:35:00	29-11-2023	09:29:00	0.33	0.00	0.00	0.00	7.90		* Line opened on voltage regulation. Dadri-426KV.
CKT	400kV DADRI(NTPC)-PANIPAT(BBMB)-2	LVRD	21-11-2023	22:28:00	22-11-2023	06:54:00	0.35	0.00	0.00	0.00	8.43		* Line opened on voltage regulation. Dadri-421KV.
CKT	400kV DADRI(NTPC)-PANIPAT(BBMB)-2	LVRD	03-11-2023	02:35:00	03-11-2023	07:14:00	0.19	0.00	0.00	0.00	4.65		* Line opened on voltage regulation. Dadri-420KV
CKT	400kV DADRI(NTPC)-PANIPAT(BBMB)-2	LVRD	13-11-2023	21:17:00	14-11-2023	07:14:00	0.42	0.00	0.00	0.00	9.95		* Line opened on voltage regulation. Dadri-420KV.
							4.18	4.58	0.00	0.00	95.70	99.36	
CKT	400kV DEHRADUN-ABDULLAPUR-1	LVRD	02-11-2023	21:26:00	03-11-2023	06:40:00	0.39	0.00	0.00	0.00	9.23		* Line opened on voltage regulation.Dehradun-421KV.
CKT	400kV DEHRADUN-ABDULLAPUR-1	LVRD	12-11-2023	17:11:00	13-11-2023	08:08:00	0.62	0.00	0.00	0.00	14.95		* Line opened on voltage regulation. DDN-415KV
CKT	400kV DEHRADUN-ABDULLAPUR-1	LVRD	10-11-2023	21:28:00	11-11-2023	07:21:00	0.41	0.00	0.00	0.00	9.88		* Line opened on voltage regulation. Dehradun-415KV
CKT	400kV DEHRADUN-ABDULLAPUR-1	LVRD	06-11-2023	21:58:00	07-11-2023	07:00:00	0.38	0.00	0.00	0.00	9.03		* Line opened on voltage regulation. DDN-419KV.
CKT	400kV DEHRADUN-ABDULLAPUR-1	LVRD	13-11-2023	15:35:00	14-11-2023	06:58:00	0.64	0.00	0.00	0.00	15.38		* Line opened on voltage regulation. Dehradun-420KV.
CKT	400kV DEHRADUN-ABDULLAPUR-1	LVRD	09-11-2023	20:55:00	10-11-2023	07:38:00	0.45	0.00	0.00	0.00	10.72		* Line opened on voltage regulation. V-420KV
CKT	400kV DEHRADUN-ABDULLAPUR-1	LVRD	07-11-2023	21:51:00	08-11-2023	07:18:00	0.39	0.00	0.00	0.00	9.45		* Line opened on voltage regulation. DDN-415KV
CKT	400kV DEHRADUN-ABDULLAPUR-1	LVRD	15-11-2023	20:30:00	16-11-2023	06:48:00	0.43	0.00	0.00	0.00	10.30		* Line opened on voltage regulation. Dehradun-415KV.
CKT	400kV DEHRADUN-ABDULLAPUR-1	LVRD	21-11-2023	21:14:00	22-11-2023	06:51:00	0.40	0.00	0.00	0.00	9.62		* Line opened on voltage regulation. Dehradun-416KV.
CKT	400kV DEHRADUN-ABDULLAPUR-1	LVRD	20-11-2023	23:42:00	21-11-2023	07:56:00	0.34	0.00	0.00	0.00	8.23		* Line opened on voltage regulation. V-420KV
CKT	400kV DEHRADUN-ABDULLAPUR-1	LVRD	19-11-2023	21:37:00	20-11-2023	07:40:00	0.42	0.00	0.00	0.00	10.05		* Line opened on voltage regulation. DDN-415KV
CKT	400kV DEHRADUN-ABDULLAPUR-1	LVRD	16-11-2023	21:41:00	17-11-2023	06:31:00	0.37	0.00	0.00	0.00	8.83		* Line opened on voltage regulation. DDN-420 KV
CKT	400kV DEHRADUN-ABDULLAPUR-1	LVRD	23-11-2023	20:08:00	24-11-2023	07:13:00	0.46	0.00	0.00	0.00	11.08		* Line opened on voltage regulation. Dehradun-425KV.
CKT	400kV DEHRADUN-ABDULLAPUR-1	LVRD	27-11-2023	21:30:00	28-11-2023	05:57:00	0.35	0.00	0.00	0.00	8.45		* Line opened on voltage regulation. Dehradun-423KV.
CKT	400kV DEHRADUN-ABDULLAPUR-1	LVRD	20-11-2023	23:42:00	21-11-2023	07:56:00	0.34	0.00	0.00	0.00	8.23		* Line opened on voltage regulation. Dehradun-416KV.
CKT	400kV DEHRADUN-ABDULLAPUR-1	LVRD	18-11-2023	21:39:00	19-11-2023	07:00:00	0.39	0.00	0.00	0.00	9.35		* Line opened on voltage regulation. Dehradun-416KV
CKT	400kV DEHRADUN-ABDULLAPUR-1	LVRD	30-11-2023	00:06:00	30-11-2023	09:09:00	0.38	0.00	0.00	0.00	9.05		* Line opened on voltage regulation. Dehradun-420KV.
							7.16	0.00	0.00	0.00	171.83	100.00	
CKT	400kV DEHRADUN-ABDULLAPUR-2	LVRD	04-11-2023	21:47:00	06-11-2023	07:50:00	1.42	0.00	0.00	0.00	34.05		* Line opened on voltage regulation. Dehradun-425KV.
CKT	400kV DEHRADUN-ABDULLAPUR-2	LVRD	11-11-2023	20:08:00	12-11-2023	07:29:00	0.47	0.00	0.00	0.00	11.35		* Line opened on voltage regulation. Dehradun-420KV.
CKT	400kV DEHRADUN-ABDULLAPUR-2	LVRD	08-11-2023	21:57:00	09-11-2023	06:59:00	0.38	0.00	0.00	0.00	9.03		* Line opened on voltage regulation. V-420KV
CKT	400kV DEHRADUN-ABDULLAPUR-2	SVRD	03-11-2023	23:22:00	04-11-2023	07:56:00	0.36	0.00	0.00	0.00	8.57		* Line opened on voltage regulation. Dehradun-420KV.
CKT	400kV DEHRADUN-ABDULLAPUR-2	LVRD	01-11-2023	00:00:01	01-11-2023	06:51:00	0.29	0.00	0.00	0.00	6.85		* Line opened on voltage regulation. Dehradun-425KV.
CKT	400kV DEHRADUN-ABDULLAPUR-2	LVRD	26-11-2023	20:56:00	27-11-2023	06:29:00	0.40	0.00	0.00	0.00	9.55		* Line opened on voltage regulation. Dehradun-420 KV.
CKT	400kV DEHRADUN-ABDULLAPUR-2	LVRD	30-11-2023	20:34:00	30-11-2023	23:59:59	0.14	0.00	0.00	0.00	3.43		* Line opened on voltage regulation. Dehradun-424KV.
CKT	400kV DEHRADUN-ABDULLAPUR-2	LVRD	24-11-2023	20:15:00	25-11-2023	06:36:00	0.43	0.00	0.00	0.00	10.35		* Line opened on voltage regulation. DDN-425KV.
CKT	400kV DEHRADUN-ABDULLAPUR-2	LVRD	17-11-2023	22:24:00	18-11-2023	06:51:00	0.35	0.00	0.00	0.00	8.45		* Line opened on voltage regulation. ABD=423KV
CKT	400kV DEHRADUN-ABDULLAPUR-2	LVRD	25-11-2023	20:11:00	26-11-2023	06:04:00	0.41	0.00	0.00	0.00	9.88		* Line opened on voltage regulation. Dehradun-416KV.
CKT	400kV DEHRADUN-ABDULLAPUR-2	LVRD	14-11-2023	21:14:00	15-11-2023	07:28:00	0.43	0.00	0.00	0.00	10.23		* Line opened on voltage regulation. DDN-423KV.
							5.08	0.00	0.00	0.00	121.74	100.00	
CKT	400kV-DWARKA-BAMNAULI-CKT1	OMSU	20-11-2023	19:11:00	20-11-2023	19:21:00	0.01	0.00	0.17	0.00	0.00		* Line tripped only from Bamnoli end and remain charged from Dwarka* end.
							0.01	0.00	0.17	0.00	0.00	100.00	
CKT	400kV FATEHABAD-HISAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV GR.NOIDA(UPTCL)-NAVADA(HVPLN)	OSFD	18-11-2023	11:25:00	18-11-2023	13:15:00	0.08	0.00	0.00	0.00	1.83		* Forced S/D by HVPN to attend hotspot in line isolator (B-ph) at Nawada end.
							0.08	0.00	0.00	0.00	1.83	100.00	
CKT	400kV GURGAON-BALLABHGARH	OSFT	08-11-2023	13:20:00	08-11-2023	19:33:00	0.26	6.22	0.00	0.00	0.00		* Forced shutdown to attend hotspot at Wave Trap upper terminal connector at GIS Gurgaon.
CKT	400kV GURGAON-BALLABHGARH	OSFT	04-11-2023	10:36:00	04-11-2023	15:10:00	0.19	4.57	0.00	0.00	0.00		* Forced shutdown to attend hotspot in Y-phase dropper jumper at GIS Gurgaon.
							0.45	10.79	0.00	0.00	0.00	98.50	
CKT	400kV GURGAON-BHIWADI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV GURGAON-SOHA(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 GURGAON-SOHA(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 HAPUR(UPTCL)-MURADNAGAR(UPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV HISAR-BHIWADI-1	LVRD	30-11-2023	21:33:00	30-11-2023	23:59:59	0.10	0.00	0.00	0.00	2.45		* Line opened on voltage regulation. Bhiwadi-426KV
CKT	400kV HISAR-BHIWADI-1	LVRD	14-11-2023	23:00:00	15-11-2023	08:56:00	0.41	0.00	0.00	0.00	9.93		* Line opened on voltage regulation. Bhiwadi-422KV.
CKT	400kV HISAR-BHIWADI-1	LVRD	19-11-2023	23:10:00	20-11-2023	07:48:00	0.36	0.00	0.00	0.00	8.63		* Line opened on voltage regulation. Bhiwadi-425KV
CKT	400kV HISAR-BHIWADI-1	LVRD	26-11-2023	22:05:00	27-11-2023	06:00:00	0.33	0.00	0.00	0.00	7.92		* Line opened on voltage regulation. Bhiwadi-422 KV.
CKT	400kV HISAR-BHIWADI-1	LVRD	13-11-2023	21:25:00	14-11-2023	08:05:00	0.44	0.00	0.00	0.00	10.67		* Line opened on voltage regulation. Bhiwadi-425KV
CKT	400kV HISAR-BHIWADI-1	LVRD	12-11-2023	18:53:00	13-11-2023	08:15:00	0.56	0.00	0.00	0.00	13.37		* Line opened on voltage regulation. Bhiwadi-425KV.
							2.20	0.00	0.00	0.00	52.97	100.00	
CKT	400kV HISAR-BHIWADI-2	LVRD	16-11-2023	22:09:00	17-11-2023	07:26:00	0.39	0.00	0.00	0.00	9.28		* Line opened on voltage regulation. Bhiwadi-426KV
CKT	400kV HISAR-BHIWADI-2	LVRD	23-11-2023	21:50:00	24-11-2023	07:07:00	0.39	0.00	0.00	0.00	9.28		* Line opened on voltage regulation. Bhiwadi-426KV
CKT	400kV HISAR-BHIWADI-2	LVRD	17-11-2023	20:38:00	18-11-2023	07:07:00	0.44	0.00	0.00	0.00	10.48		* Line opened on voltage regulation.Bhiwadi=424 kV
CKT	400kV HISAR-BHIWADI-2	LVRD	15-11-2023	23:35:00	16-11-2023	08:07:00	0.36	0.00	0.00	0.00	8.53		* Line opened on voltage regulation. Bhiwadi-426KV
							1.58	0.00	0.00	0.00	37.57	100.00	

**Standard of Performance data for the month of Nov-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 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 HISAR-BHIWADI-3	LVRD	25-11-2023	20:13:00	26-11-2023	07:41:00	0.48	0.00	0.00	0.00	11.47	100.00	* Line opened on voltage regulation.Bhiwadi-422KV.
							0.48	0.00	0.00	0.00	11.47	100.00	
CKT	400kV HISAR-BHIWANI(BBMB)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-HISAR-BHIWANI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-HISAR-BHIWANI-2	LCSD	01-11-2023	17:41:00	01-11-2023	22:06:00	0.18	0.00	0.00	0.00	4.42	100.00	* Shutdown for bypass commissioning works (to close the By pass isolator at Bhiwani PG).The line will be charged as 400KV Mahendergarh-Hissar-4 line.
							0.18	0.00	0.00	0.00	4.42	100.00	
CKT	400KV-HISAR-BHIWANI-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV JAIPUR SOUTH-KOTA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV JAIPUR SOUTH-RAPPD(NPCIL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV JHATIKARA-BAMNOLI(DTL)-2	OSPD	02-11-2023	10:36:00	02-11-2023	18:40:00	0.34	0.00	0.00	0.00	8.07	100.00	* Shutdown by DTL for replacing damaged 400kv line spacers at their end.
							0.34	0.00	0.00	0.00	8.07	100.00	
CKT	400KV-JHATIKARA-DWARKA-CKT1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kv JHATIKARA-MUNDKA(DTL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV JHATIKARA-MUNDKA(DTL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KAITHAL-HISAR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KAITHAL-HISAR-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KANKROLI-CHITTORGARH(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KANKROLI-JODHPUR(RRVPNL)	LCSD	01-11-2023	00:00:01	30-11-2023	23:59:59	30.00	0.00	0.00	0.00	720.00	100.00	* Shutdown for reconductoring work of all 188km of complete line.
							30.00	0.00	0.00	0.00	720.00	100.00	
CKT	400kV KOTA-BEAWAR(SREE CEMENT)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KOTA-MERTA(RRVPNL)	LVRD	30-11-2023	22:24:00	30-11-2023	23:59:59	0.07	0.00	0.00	0.00	1.60	100.00	* Line opened on voltage regulation. Kota-422kV
							0.07	0.00	0.00	0.00	1.60	100.00	
CKT	400kV KOTA-MERTA(RRVPNL)	LVRD	16-11-2023	00:03:00	16-11-2023	06:11:00	0.26	0.00	0.00	0.00	6.13	100.00	* Line opened on voltage regulation. Kota-420KV
							0.26	0.00	0.00	0.00	6.13	100.00	
CKT	400kV KOTA-MERTA(RRVPNL)	LVRD	28-11-2023	23:15:00	29-11-2023	06:48:00	0.32	0.00	0.00	0.00	7.55	100.00	* Line opened on voltage regulation. Kota-422KV.
							0.32	0.00	0.00	0.00	7.55	100.00	
CKT	400kV KOTA-MERTA(RRVPNL)	LVRD	27-11-2023	19:58:00	28-11-2023	07:14:00	0.47	0.00	0.00	0.00	11.27	100.00	* Line opened on voltage regulation. Kota-423KV
							0.47	0.00	0.00	0.00	11.27	100.00	
CKT	400kV KOTA-MERTA(RRVPNL)	LVRD	26-11-2023	19:29:00	27-11-2023	08:17:00	0.53	0.00	0.00	0.00	12.80	100.00	* Line opened on voltage regulation. Kota-422 KV.
							0.53	0.00	0.00	0.00	12.80	100.00	
CKT	400kV KOTA-MERTA(RRVPNL)	LVRD	12-11-2023	21:53:00	13-11-2023	06:01:00	0.34	0.00	0.00	0.00	8.13	100.00	* Line opened on voltage regulation. Kota-422KV.
							0.34	0.00	0.00	0.00	8.13	100.00	
							1.99	0.00	0.00	0.00	47.48	100.00	
CKT	400kV KOTPUTLI-BASSI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BHIWADI-KOTPUTLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-KOTESHWAR(UK)-KOTESHWAR-1	OMSU	07-11-2023	11:38:00	07-11-2023	12:41:00	0.04	0.00	1.05	0.00	0.00	100.00	* Opened on NRLDC instruction during Mock Black Start Exercise of Tehri* HP.
							0.04	0.00	1.05	0.00	0.00	100.00	
CKT	400KV-KOTESHWAR(UK)-KOTESHWAR-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KOTESHWAR-TEHRI(THDC)-1	OMSU	03-11-2023	12:33:00	03-11-2023	13:55:00	0.06	0.00	1.37	0.00	0.00	100.00	* S/D by THDC for stability test of bus bar protection system at their end.
							0.06	0.00	1.37	0.00	0.00	100.00	
CKT	400kV KOTESHWAR-TEHRI(THDC)-1	OSPD	21-11-2023	08:56:00	21-11-2023	17:31:00	0.36	0.00	0.00	0.00	8.58	100.00	* Shutdown for stability test of bus bar protection at Tehri end.
							0.36	0.00	0.00	0.00	8.58	100.00	
CKT	400kV KOTESHWAR-TEHRI(THDC)-1	OSPD	22-11-2023	09:21:00	22-11-2023	16:12:00	0.29	0.00	0.00	0.00	6.85	100.00	* Line tripped from both ends on DT received at Koteswar end due to Bus Bar protection operation at Tehri end.
							0.29	0.00	0.00	0.00	6.85	100.00	
CKT	400kV KOTESHWAR-TEHRI(THDC)-1	OMSU	30-11-2023	17:31:00	30-11-2023	19:51:00	0.10	0.00	2.33	0.00	0.00	100.00	* Tripped at THDC end only on Pole Discrepancy Error, false tripping initiated during PSP bus bar protection work at Tehri end.
							0.10	0.00	2.33	0.00	0.00	100.00	
							0.81	0.00	3.70	0.00	15.43	100.00	
CKT	400kV KOTESHWAR-TEHRI(THDC)-2	OSPD	21-11-2023	08:56:00	21-11-2023	17:42:00	0.37	0.00	0.00	0.00	8.77	100.00	* Shutdown for stability test of bus bar protection at Tehri end.
							0.37	0.00	0.00	0.00	8.77	100.00	
CKT	400kV KOTESHWAR-TEHRI(THDC)-2	OSPD	22-11-2023	10:03:00	22-11-2023	16:25:00	0.27	0.00	0.00	0.00	6.37	100.00	* S/D by THDC for stability test of bus bar protection system at their end.
							0.27	0.00	0.00	0.00	6.37	100.00	
CKT	400kV KOTESHWAR-TEHRI(THDC)-2	OMSU	30-11-2023	17:31:00	30-11-2023	18:01:00	0.02	0.00	0.50	0.00	0.00	100.00	* Line Tripped only from Tehri end due to Bus Bar protection operation at Tehri end.
							0.02	0.00	0.50	0.00	0.00	100.00	
CKT	400kV KOTESHWAR-TEHRI(THDC)-2	OMSU	30-11-2023	18:15:00	30-11-2023	19:17:00	0.04	0.00	1.03	0.00	0.00	100.00	* Line Tripped only from Tehri end due to Bus Bar protection operation at Tehri end.
							0.04	0.00	1.03	0.00	0.00	100.00	
CKT	400kV KOTESHWAR-TEHRI(THDC)-2	OMSU	07-11-2023	11:30:00	07-11-2023	12:29:00	0.04	0.00	0.98	0.00	0.00	100.00	* Opened on NRLDC instruction during Mock Black Start Exercise of Tehri* HP.
							0.04	0.00	0.98	0.00	0.00	100.00	
							0.74	0.00	2.51	0.00	15.14	100.00	
CKT	400kV KOTESHWAR-TEHRI(THDC)-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV MANESAR-SOHNA(STERLITE)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV MANESAR-SOHNA(STERLITE)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV MAHARANIBAGH-BALLABGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-MBAGH-BAWANA-AC-CKT1	OSFD	16-11-2023	10:38:00	16-11-2023	17:12:00	0.27	0.00	0.00	0.00	6.57	100.00	* Forced Shutdown by DTL for attending damaged jaw malefemale,* B-phase isolator 1589A at Bawana end.
							0.27	0.00	0.00	0.00	6.57	100.00	
CKT	400KV-MBAGH-BAWANA-AC-CKT2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	

**Standard of Performance data for the month of Nov-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 ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-MBAGH-MANDOLA-AC-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	400KV-MBAGH-MANDOLA-AC-CKT2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV HAPUR(UPPTCL)-MORADABAD(UPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV MEERUT-MANDOLA-1	LVRD	13-11-2023	15:39:00	14-11-2023	08:17:00	0.69	0.00	0.00	0.00	16.63		* Line opened on voltage regulation. Mandola-424KV
CKT	400KV MEERUT-MANDOLA-1	LART	03-11-2023	07:13:00	03-11-2023	07:13:00	0.00	0.00	0.00	0.00	0.00		* Line autoreclose on B-N fault. Meerut-43.72KM/9.13KA, Mandola-23.49KM/24.52KA. Fault under Meerut TLM jurisdiction.
CKT	400KV MEERUT-MANDOLA-1	LVRD	13-11-2023	01:48:00	13-11-2023	08:35:00	0.28	0.00	0.00	0.00	6.78		* Line opened on voltage regulation. Meerut-425KV.
							0.97	0.00	0.00	0.00	23.41	100.00	
CKT	400KV MEERUT-MANDOLA-2	LVRD	13-11-2023	15:41:00	14-11-2023	08:23:00	0.70	0.00	0.00	0.00	16.70		* Line opened on voltage regulation. Meerut-425KV.
CKT	400KV MEERUT-MANDOLA-2	LVRD	16-11-2023	01:19:00	16-11-2023	08:32:00	0.30	0.00	0.00	0.00	7.22		* Line opened on voltage regulation. Mandola-424KV
CKT	400KV MEERUT-MANDOLA-2	LVRD	13-11-2023	01:50:00	13-11-2023	08:38:00	0.28	0.00	0.00	0.00	6.80		* Line opened on voltage regulation. Meerut-424KV
							1.28	0.00	0.00	0.00	30.72	100.00	
CKT	400KV MEERUT-MANDOLA-3	LART	28-11-2023	23:53:00	28-11-2023	23:53:00	0.00	0.00	0.00	0.00	0.00		* Line opened on voltage regulation. Meerut-424KV
CKT	400KV MEERUT-MANDOLA-3	LVRD	16-11-2023	01:18:00	16-11-2023	08:33:00	0.30	0.00	0.00	0.00	7.25		* A/R successful. Mandola-R-N/4.58KM/24.3KA. Meerut-R N/97.231KM/5.5KA. Fault under POWERLINK jurisdiction. Powergrid* portion-54.3KM from Meerut
							0.30	0.00	0.00	0.00	7.25	100.00	
CKT	400KV MEERUT-MANDOLA-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV MEERUT-MUZAFFARNAGAR(UPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV NEEMRANA-BABAI(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV NEEMRANA-MANESAR-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 NEEMRANA-MANESAR-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 NEEMRANA-SIKAR-2	LVRD	17-11-2023	00:57:00	17-11-2023	06:42:00	0.24	0.00	0.00	0.00	5.75		* Line opened on voltage regulation. Sikar-420KV
							0.24	0.00	0.00	0.00	5.75	100.00	
CKT	400KV RAPP(NPCIL)-CHITTORGARH(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-RAPP-CHITTORGARH 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 RAPP(NPCIL)-KANKROLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV RAPP(NPCIL)-KOTA	LVRD	28-11-2023	03:27:00	28-11-2023	08:20:00	0.20	0.00	0.00	0.00	4.88		* Line opened on voltage regulation. Kota-421KV.
							0.20	0.00	0.00	0.00	4.88	100.00	
CKT	400KV-RAPPD-JAIPR -ACL-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	400KV RAPPD(NPCIL)-KOTA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV RATANGARH(RRVPNL)-SIKAR-1	LVRD	20-11-2023	19:47:00	21-11-2023	05:49:00	0.42	0.00	0.00	0.00	10.03		* Line opened on voltage regulation. Sikar-422KV.
CKT	400KV RATANGARH(RRVPNL)-SIKAR-1	LVRD	24-11-2023	19:06:00	25-11-2023	06:40:00	0.48	0.00	0.00	0.00	11.57		* Line opened on voltage regulation. Sikar-420KV.
CKT	400KV RATANGARH(RRVPNL)-SIKAR-1	LVRD	20-11-2023	19:47:00	21-11-2023	05:49:00	0.42	0.00	0.00	0.00	10.03		* Line opened on voltage regulation. Sikar-422KV.
CKT	400KV RATANGARH(RRVPNL)-SIKAR-1	LVRD	28-11-2023	18:27:00	29-11-2023	06:36:00	0.51	0.00	0.00	0.00	12.15		* Line opened on voltage regulation. Sikar-418KV
CKT	400KV RATANGARH(RRVPNL)-SIKAR-1	LVRD	29-11-2023	19:30:00	30-11-2023	06:44:00	0.47	0.00	0.00	0.00	11.23		* Line opened on voltage regulation. Sikar-421KV.
CKT	400KV RATANGARH(RRVPNL)-SIKAR-1	LVRD	17-11-2023	19:06:00	18-11-2023	06:42:00	0.48	0.00	0.00	0.00	11.60		* Line opened on voltage regulation. Sikar-422KV.
CKT	400KV RATANGARH(RRVPNL)-SIKAR-1	LVRD	04-11-2023	20:31:00	05-11-2023	06:02:00	0.40	0.00	0.00	0.00	9.52		* Line opened on voltage regulation. Sikar-425KV.
CKT	400KV RATANGARH(RRVPNL)-SIKAR-1	LVRD	10-11-2023	04:03:00	10-11-2023	05:51:00	0.08	0.00	0.00	0.00	1.80		* Line opened on voltage regulation. Sikar-420KV.
CKT	400KV RATANGARH(RRVPNL)-SIKAR-1	LVRD	11-11-2023	17:24:00	12-11-2023	06:06:00	0.53	0.00	0.00	0.00	12.70		* Line opened on voltage regulation. Sikar-420KV.
CKT	400KV RATANGARH(RRVPNL)-SIKAR-1	LVRD	01-11-2023	19:50:00	02-11-2023	05:48:00	0.42	0.00	0.00	0.00	9.97		* Line hand tripped for voltage regulation
CKT	400KV RATANGARH(RRVPNL)-SIKAR-1	LVRD	26-11-2023	16:19:00	27-11-2023	07:48:00	0.65	0.00	0.00	0.00	15.48		* Line opened on voltage regulation. Sikar-416KV.
							4.86	0.00	0.00	0.00	116.08	100.00	
CKT	400KV RATANGARH(RRVPNL)-SIKAR-2	LVRD	27-11-2023	19:47:00	28-11-2023	07:17:00	0.48	0.00	0.00	0.00	11.50		* Line opened on voltage regulation. Sikar-425KV.
CKT	400KV RATANGARH(RRVPNL)-SIKAR-2	LVRD	19-11-2023	19:09:00	20-11-2023	06:24:00	0.47	0.00	0.00	0.00	11.25		* Line opened on voltage regulation. Sikar-418KV
CKT	400KV RATANGARH(RRVPNL)-SIKAR-2	LVRD	14-11-2023	18:53:00	15-11-2023	08:08:00	0.47	0.00	0.00	0.00	11.25		* Line opened on voltage regulation. Sikar-415KV
CKT	400KV RATANGARH(RRVPNL)-SIKAR-2	LVRD	18-11-2023	19:01:00	19-11-2023	05:25:00	0.43	0.00	0.00	0.00	10.40		* Line opened on voltage regulation. Sikar-421KV.
CKT	400KV RATANGARH(RRVPNL)-SIKAR-2	LVRD	23-11-2023	19:30:00	24-11-2023	06:11:00	0.45	0.00	0.00	0.00	10.68		* Line opened on voltage regulation. Sikar-425KV.
CKT	400KV RATANGARH(RRVPNL)-SIKAR-2	LVRD	15-11-2023	18:21:00	16-11-2023	07:42:00	0.56	0.00	0.00	0.00	13.35		* Line opened on voltage regulation. Sikar-425KV.
CKT	400KV RATANGARH(RRVPNL)-SIKAR-2	LVRD	25-11-2023	17:30:00	26-11-2023	06:21:00	0.54	0.00	0.00	0.00	12.85		* Line opened on voltage regulation. Sikar-424KV.
CKT	400KV RATANGARH(RRVPNL)-SIKAR-2	LVRD	30-11-2023	19:12:00	30-11-2023	23:59:59	0.20	0.00	0.00	0.00	4.80		* Line opened on voltage regulation. Sikar-420KV.
CKT	400KV RATANGARH(RRVPNL)-SIKAR-2	LVRD	21-11-2023	20:04:00	22-11-2023	05:41:00	0.40	0.00	0.00	0.00	9.62		* Line opened on voltage regulation. Sikar-420KV.
CKT	400KV RATANGARH(RRVPNL)-SIKAR-2	LVRD	16-11-2023	19:03:00	17-11-2023	06:21:00	0.47	0.00	0.00	0.00	11.30		* Line opened on voltage regulation. Sikar-425KV
CKT	400KV RATANGARH(RRVPNL)-SIKAR-2	LVRD	01-11-2023	03:50:00	01-11-2023	06:12:00	0.10	0.00	0.00	0.00	2.37		* Line opened on voltage regulation. Ratangarh=419KV
CKT	400KV RATANGARH(RRVPNL)-SIKAR-2	LVRD	10-11-2023	18:49:00	11-11-2023	06:19:00	0.48	0.00	0.00	0.00	11.50		* Line opened on voltage regulation. Sikar-420KV

**Standard of Performance data for the month of Nov-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 ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	12-11-2023	16:12:00	13-11-2023	06:32:00	0.60	0.00	0.00	0.00	14.33		* Line opened on voltage regulation. Sikar-422KV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	13-11-2023	17:12:00	14-11-2023	05:42:00	0.52	0.00	0.00	0.00	12.50		* Line opened on voltage regulation.Sikar-425KV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	02-11-2023	21:24:00	03-11-2023	07:04:00	0.40	0.00	0.00	0.00	9.67		* Line opened on voltage regulation. Sikar-420KV
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	04-11-2023	00:59:00	04-11-2023	06:21:00	0.22	0.00	0.00	0.00	5.37		* Line opened on voltage regulation. Sikar=418KV
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	05-11-2023	20:15:00	06-11-2023	06:03:00	0.41	0.00	0.00	0.00	9.80		* Line opened on voltage regulation. Sikar-425KV.
CKT	400kV RATANGARH(RRVPNL)-SIKAR-2	LVRD	01-11-2023	03:50:00	01-11-2023	06:12:00	0.10	0.00	0.00	0.00	2.37		* Line opened on voltage regulation.Sikar-420KV
							7.30	0.00	0.00	0.00	174.91	100.00	
CKT	400kV ROORKEE-DEHRADUN			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-1	OSPT	05-11-2023	10:53:00	05-11-2023	20:04:00	0.38	9.18	0.00	0.00	0.00		* Shutdown for defect rectification works( Line maintenance* works).
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-1	LART	04-11-2023	22:24:00	04-11-2023	22:24:00	0.00	0.00	0.00	0.00	0.00		* Shutdown for defect rectification works( Line maintenance works).
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-1	OSPT	11-11-2023	08:03:00	11-11-2023	15:53:00	0.33	7.83	0.00	0.00	0.00		* Shutdown for defect rectification works( Line maintenance works).
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-1	LVRD	12-11-2023	20:26:00	13-11-2023	07:16:00	0.45	0.00	0.00	0.00	10.83		* Shutdown for defect rectification and line maintenance works.
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-1	OSPT	07-11-2023	07:58:00	07-11-2023	19:23:00	0.48	11.42	0.00	0.00	0.00		* Shutdown for defect rectification works( Line maintenance works).
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-1	OSPT	10-11-2023	07:47:00	10-11-2023	17:21:00	0.40	9.57	0.00	0.00	0.00		* Autoreclose successful during Y-N fault. Roorkee(AFAS): Y-N/34.02KM/9.9KA. Fault under Roorkee TL.
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-1	OSPT	06-11-2023	07:52:00	06-11-2023	19:33:00	0.49	11.68	0.00	0.00	0.00		* S/D for defect rectification maintenance works.
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-1	OSPT	09-11-2023	08:01:00	09-11-2023	19:45:00	0.49	11.73	0.00	0.00	0.00		* Shutdown for defect rectification and line maintenance works.
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-1	OSPT	08-11-2023	07:33:00	08-11-2023	20:00:00	0.52	12.45	0.00	0.00	0.00		* Line opened on voltage regulation. Roorkee-420KV
							3.54	73.86	0.00	0.00	10.83	89.74	
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-2	OSPT	14-11-2023	07:32:00	14-11-2023	21:10:00	0.57	13.63	0.00	0.00	0.00		* Shutdown for defect rectification works( Line maintenance works)
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-2	OSPT	18-11-2023	08:07:00	18-11-2023	17:40:00	0.40	9.55	0.00	0.00	0.00		* Shutdown for defect rectification works( Line maintenance).
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-2	OSPT	17-11-2023	08:06:00	17-11-2023	20:09:00	0.50	12.05	0.00	0.00	0.00		* Shutdown for defect rectification works( Line maintenance* work).
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-2	OSPT	16-11-2023	07:34:00	16-11-2023	19:49:00	0.51	12.25	0.00	0.00	0.00		* Shutdown for defect rectification works( Line maintenance* work).
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-2	OSPT	15-11-2023	07:31:00	15-11-2023	19:22:00	0.49	11.85	0.00	0.00	0.00		* Shutdown for defect rectification works( Line maintenance* works)
CKT	400kV ROORKEE-KASHIPUR(PTCUL)-2	OSPT	13-11-2023	08:19:00	13-11-2023	19:32:00	0.47	11.22	0.00	0.00	0.00		* "Shutdown for defect rectification works( Line maintenance* works)"
							2.94	70.55	0.00	0.00	0.00	90.20	
CKT	400kV ROORKEE-MUZZAFFARNAGAR(UPPTCL)	LART	21-11-2023	00:42:00	21-11-2023	00:42:00	0.00	0.00	0.00	0.00	0.00		* S/D by PTCUL for Replacement of insulators and fixing of bird's scare
CKT	400kV ROORKEE-MUZZAFFARNAGAR(UPPTCL)	LART	11-11-2023	00:51:00	11-11-2023	00:51:00	0.00	0.00	0.00	0.00	0.00		* Line autoreclose on R-N fault. Muzaffarnagar-8.782KM/13.18KA. Fault* under UPPTCL jurisdiction.
CKT	400kV ROORKEE-MUZZAFFARNAGAR(UPPTCL)	OSPD	29-11-2023	10:10:00	29-11-2023	19:49:00	0.40	0.00	0.00	0.00	9.65		* A/R on R-N fault. Roorkee: 7.01kA , 36.91km <(><> Muzaffarnagar.* 25.99km, 8.289KA . Fault under PITCUL jurisdiction
							0.40	0.00	0.00	0.00	9.65	100.00	
CKT	400kV ROORKEE-RISHIKESH(PTCUL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV ROORKEE-SAHARANPUR-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 SIKAR-BASSI-1	OSPT	23-11-2023	14:23:00	23-11-2023	19:45:00	0.22	5.37	0.00	0.00	0.00		* Line opened on voltage regulation. Sikar-422KV.
CKT	400kV SIKAR-BASSI-1	LVRD	26-11-2023	19:48:00	27-11-2023	07:50:00	0.50	0.00	0.00	0.00	12.03		* Shutdown for insulator cleaning and AMP works.
							0.72	5.37	0.00	0.00	12.03	99.25	
CKT	400kV SIKAR-BASSI-2	OSFT	26-11-2023	11:48:00	26-11-2023	17:49:00	0.25	6.02	0.00	0.00	0.00		* Forced Shutdown to attend hotspot observed at B-Ph line isolator jumper at Bassi end.
CKT	400kV SIKAR-BASSI-2	OSPT	24-11-2023	14:03:00	24-11-2023	19:21:00	0.22	5.30	0.00	0.00	0.00		* Shutdown for insulator cleaning works.
							0.47	11.32	0.00	0.00	0.00	98.43	
CKT	400kV TUGHLAKABAD-BALLABHGARH-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 TUGHLAKABAD-BALLABHGARH-2	LVRD	24-11-2023	01:45:00	24-11-2023	06:52:00	0.21	0.00	0.00	0.00	5.12		* Forced shutdown to attend heavy spark in line isolator at* Ballabgarh end
CKT	400kV TUGHLAKABAD-BALLABHGARH-2	OSFT	21-11-2023	00:44:00	21-11-2023	02:27:00	0.07	1.72	0.00	0.00	0.00		* Line opened on voltage regulation. BLB-428kV
							0.28	1.72	0.00	0.00	5.12	99.76	
CKT	765kV AGRA-JHATIKARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV AJMER-BHADLA2-1	LVRD	24-11-2023	17:10:00	25-11-2023	09:01:00	0.66	0.00	0.00	0.00	15.85		* Line opened on voltage regulation. Ajmer-796KV
CKT	765kV AJMER-BHADLA2-1	LCSD	29-11-2023	16:39:00	29-11-2023	19:02:00	0.10	0.00	0.00	0.00	2.38		* Line opened on voltage regulation. Ajmer-795KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	19-11-2023	17:11:00	20-11-2023	07:31:00	0.60	0.00	0.00	0.00	14.33		* Line opened on voltage regulation. Ajmer-790KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	17-11-2023	17:13:00	18-11-2023	08:59:00	0.66	0.00	0.00	0.00	15.77		* Line opened on voltage regulation. Ajmer-796KV
CKT	765kV AJMER-BHADLA2-1	LVRD	20-11-2023	16:43:00	21-11-2023	08:32:00	0.66	0.00	0.00	0.00	15.82		* Line opened on voltage regulation. Ajmer-795KV
CKT	765kV AJMER-BHADLA2-1	LVRD	15-11-2023	16:06:00	16-11-2023	07:09:00	0.63	0.00	0.00	0.00	15.05		* Line opened on voltage regulation. Ajmer-795KV
CKT	765kV AJMER-BHADLA2-1	LVRD	18-11-2023	19:35:00	19-11-2023	08:29:00	0.54	0.00	0.00	0.00	12.90		* Line opened on voltage regulation. Ajmer-790KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	20-11-2023	16:43:00	21-11-2023	08:32:00	0.66	0.00	0.00	0.00	15.82		* Line opened on voltage regulation. Ajmer-790KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	30-11-2023	22:03:00	30-11-2023	23:59:59	0.08	0.00	0.00	0.00	1.95		* Line opened on voltage regulation. Ajmer-796KV
CKT	765kV AJMER-BHADLA2-1	LVRD	16-11-2023	17:19:00	17-11-2023	07:13:00	0.58	0.00	0.00	0.00	13.90		* Line opened on voltage regulation. Ajmer-798KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	14-11-2023	16:44:00	15-11-2023	06:49:00	0.59	0.00	0.00	0.00	14.08		* Line opened on voltage regulation. Ajmer-795KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	28-11-2023	15:47:00	29-11-2023	06:42:00	0.62	0.00	0.00	0.00	14.92		* Line opened on voltage regulation. Ajmer-792KV
CKT	765kV AJMER-BHADLA2-1	LVRD	26-11-2023	14:22:00	27-11-2023	08:54:00	0.77	0.00	0.00	0.00	18.53		* Line opened on voltage regulation. Ajmer-788KV
CKT	765kV AJMER-BHADLA2-1	LVRD	04-11-2023	16:40:00	05-11-2023	08:18:00	0.65	0.00	0.00	0.00	15.63		* Line opened on voltage regulation. V-780kV
CKT	765kV AJMER-BHADLA2-1	LVRD	02-11-2023	17:29:00	03-11-2023	08:14:00	0.62	0.00	0.00	0.00	14.75		* Line opened on voltage regulation. Ajmer-792KV
CKT	765kV AJMER-BHADLA2-1	LVRD	11-11-2023	17:15:00	12-11-2023	09:14:00	0.67	0.00	0.00	0.00	15.98		* Line opened on voltage regulation. Ajmer-795KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	08-11-2023	17:06:00	09-11-2023	08:35:00	0.65	0.00	0.00	0.00	15.48		* Line opened on voltage regulation. Ajmer-798KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	13-11-2023	19:48:00	14-11-2023	08:54:00	0.55	0.00	0.00	0.00	13.10		* Shutdown for Balanced overhead stringing works of crossing by under construction 765KV Bhadla_2-Sikar_2 TLC.
CKT	765kV AJMER-BHADLA2-1	LVRD	12-11-2023	16:54:00	13-11-2023	09:31:00	0.69	0.00	0.00	0.00	16.62		* Line opened on voltage regulation. Ajmer-790KV.
CKT	765kV AJMER-BHADLA2-1	LVRD	01-11-2023	00:00:01	01-11-2023	08:53:00	0.37	0.00	0.00	0.00	8.88		* Line opened on voltage regulation. Ajmer-790KV
CKT	765kV AJMER-BHADLA2-1	LVRD	06-11-2023	16:40:00	07-11-2023	06:26:00	0.57	0.00	0.00	0.00	13.77		* Line opened on voltage regulation. Ajmer-795KV.

**Standard of Performance data for the month of Nov-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 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
							11.92	0.00	0.00	0.00	285.51	100.00	
CKT	765kV AJMER-BHADLA2-2	LVRD	05-11-2023	17:04:00	06-11-2023	09:12:00	0.67	0.00	0.00	0.00	16.13		* Line opened on voltage regulation. Ajmer-790KV.
CKT	765kV AJMER-BHADLA2-2	LVRD	03-11-2023	19:20:00	04-11-2023	08:16:00	0.54	0.00	0.00	0.00	12.93		* Line opened on voltage regulation. Ajmer=790KV
CKT	765kV AJMER-BHADLA2-2	LVRD	10-11-2023	17:36:00	11-11-2023	08:38:00	0.63	0.00	0.00	0.00	15.03		* Charging delayed due to isolator alignment issue the Ajmer end.
CKT	765kV AJMER-BHADLA2-2	LVRD	09-11-2023	20:04:00	10-11-2023	09:02:00	0.54	0.00	0.00	0.00	12.97		* Line opened on voltage regulation. Ajmer-790KV.
CKT	765kV AJMER-BHADLA2-2	LVRD	01-11-2023	16:46:00	02-11-2023	08:34:00	0.66	0.00	0.00	0.00	15.80		* Shutdown for Balanced overhead stringing works of crossing by under construction 765KV Bhadla_2-Sikar_2 TLC.
CKT	765kV AJMER-BHADLA2-2	LVRD	07-11-2023	17:00:00	08-11-2023	06:20:00	0.56	0.00	0.00	0.00	13.33		* Line opened on voltage regulation. Ajmer-785KV
CKT	765kV AJMER-BHADLA2-2	LCS D	29-11-2023	16:41:00	29-11-2023	19:05:00	0.10	0.00	0.00	0.00	2.40		* Line opened on voltage regulation. Ajmer-796KV
CKT	765kV AJMER-BHADLA2-2	LVRD	27-11-2023	16:05:00	28-11-2023	08:36:00	0.69	0.00	0.00	0.00	16.52		* Line opened on voltage regulation. Ajmer-796KV.
CKT	765kV AJMER-BHADLA2-2	OSFT	30-11-2023	07:05:00	30-11-2023	11:06:00	0.17	4.02	0.00	0.00	0.00		* Line opened on voltage regulation. Ajmer=792kV
CKT	765kV AJMER-BHADLA2-2	LVRD	21-11-2023	16:52:00	22-11-2023	07:32:00	0.61	0.00	0.00	0.00	14.67		* Line opened on voltage regulation. Ajmer=785KV
CKT	765kV AJMER-BHADLA2-2	LVRD	23-11-2023	17:02:00	24-11-2023	07:39:00	0.61	0.00	0.00	0.00	14.62		* Line opened on voltage regulation. Ajmer-798KV.
CKT	765kV AJMER-BHADLA2-2	LVRD	25-11-2023	16:09:00	26-11-2023	08:48:00	0.69	0.00	0.00	0.00	16.65		* Line opened on voltage regulation. Ajmer-790KV.
CKT	765kV AJMER-BHADLA2-2	LVRD	29-11-2023	19:05:00	30-11-2023	07:05:00	0.50	0.00	0.00	0.00	12.00		* Line opened on voltage regulation. Ajmer-796KV.
							6.97	4.02	0.00	0.00	163.05	99.44	
CKT	765kV BHADLA-BIKANER-1			00:00:00			0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV BHADLA-BIKANER-2			00:00:00			0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	20-11-2023	20:04:00	21-11-2023	07:45:00	0.49	0.00	0.00	0.00	11.68		* Line opened on voltage regulation. Bhiwani-790KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	23-11-2023	19:06:00	24-11-2023	08:38:00	0.56	0.00	0.00	0.00	13.53		* Line opened on voltage regulation. Bhiwani-790KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	20-11-2023	20:04:00	21-11-2023	07:45:00	0.49	0.00	0.00	0.00	11.68		* Line opened on voltage regulation. Bhiwani-790KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	19-11-2023	17:10:00	20-11-2023	09:30:00	0.68	0.00	0.00	0.00	16.33		* Line opened on voltage regulation. Bhiwani-790 KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	24-11-2023	18:27:00	25-11-2023	09:33:00	0.63	0.00	0.00	0.00	15.10		* Line opened on voltage regulation. Bhiwani-781KV
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	30-11-2023	20:21:00	30-11-2023	23:59:59	0.15	0.00	0.00	0.00	3.65		* Line opened on voltage regulation. Bhiwani-795KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	18-11-2023	19:36:00	19-11-2023	09:11:00	0.57	0.00	0.00	0.00	13.58		* Line opened on voltage regulation
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	26-11-2023	15:02:00	27-11-2023	10:12:00	0.80	0.00	0.00	0.00	19.17		* Line opened on voltage regulation. Bhiwani-790KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	06-11-2023	21:31:00	07-11-2023	06:58:00	0.39	0.00	0.00	0.00	9.45		* Line opened on voltage regulation. Bhiwani-790KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	07-11-2023	20:16:00	08-11-2023	09:02:00	0.53	0.00	0.00	0.00	12.77		* Line opened on voltage regulation. Bhiwani-787KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	08-11-2023	19:47:00	09-11-2023	09:32:00	0.57	0.00	0.00	0.00	13.75		* Line opened on voltage regulation. Bhiwani-795KV
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	10-11-2023	17:57:00	11-11-2023	09:26:00	0.65	0.00	0.00	0.00	15.48		* Line opened on voltage regulation. Bhiwani-790KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	01-11-2023	00:00:01	01-11-2023	07:16:00	0.30	0.00	0.00	0.00	7.27		* Line opened on voltage regulation. Bhiwani-790KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	11-11-2023	15:43:00	12-11-2023	11:37:00	0.83	0.00	0.00	0.00	19.90		* Line opened on voltage regulation. Bhiwani: 790KV
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	02-11-2023	21:23:00	03-11-2023	06:55:00	0.40	0.00	0.00	0.00	9.53		* Line opened on voltage regulation. Bhiwani-790KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-1	LVRD	04-11-2023	00:21:00	04-11-2023	07:04:00	0.28	0.00	0.00	0.00	6.72		* Line opened on voltage regulation. Bhiwani-785KV
							8.32	0.00	0.00	0.00	199.59	100.00	
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	14-11-2023	16:35:00	15-11-2023	09:17:00	0.70	0.00	0.00	0.00	16.70		* Line opened on voltage regulation. Bhiwani-790KV
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	05-11-2023	20:14:00	06-11-2023	06:50:00	0.44	0.00	0.00	0.00	10.60		* Line opened on voltage regulation. Bhiwani-790KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	09-11-2023	19:56:00	10-11-2023	08:13:00	0.51	0.00	0.00	0.00	12.28		* Line opened on voltage regulation. Bhiwani=790kV
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	13-11-2023	15:38:00	14-11-2023	09:42:00	0.75	0.00	0.00	0.00	18.07		* Line opened on voltage regulation. Bhiwani-790KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	12-11-2023	16:07:00	13-11-2023	10:19:00	0.76	0.00	0.00	0.00	18.20		* Line opened on voltage regulation. Bhiwani-790 KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	04-11-2023	10:21:00	05-11-2023	09:45:00	0.98	0.00	0.00	0.00	23.40		* Line opened on voltage regulation. Bhiwani-790KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	01-11-2023	21:39:00	02-11-2023	07:00:00	0.39	0.00	0.00	0.00	9.35		* Line opened on voltage regulation. Bhiwani-795KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	25-11-2023	20:05:00	26-11-2023	07:26:00	0.47	0.00	0.00	0.00	11.35		* Line opened on voltage regulation. Bhiwani-790 KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	27-11-2023	18:35:00	28-11-2023	09:28:00	0.62	0.00	0.00	0.00	14.88		* Line opened on voltage regulation. Bhiwani-790 KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	29-11-2023	18:37:00	30-11-2023	08:26:00	0.58	0.00	0.00	0.00	13.82		* Line opened on voltage regulation. Bhiwani-795KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	16-11-2023	16:58:00	17-11-2023	07:11:00	0.59	0.00	0.00	0.00	14.22		* Line opened on voltage regulation. Bhiwani-790KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	21-11-2023	17:11:00	22-11-2023	07:47:00	0.61	0.00	0.00	0.00	14.60		* Line opened on voltage regulation. Bhiwani-800KV.
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	15-11-2023	16:13:00	16-11-2023	08:23:00	0.67	0.00	0.00	0.00	16.17		* Line opened on voltage regulation. Phagi=795kV
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	17-11-2023	17:26:00	18-11-2023	09:23:00	0.67	0.00	0.00	0.00	15.95		* Line opened on voltage regulation. V-785kV
CKT	765kV BHIWANI-PHAGI(RRVPNL)-2	LVRD	28-11-2023	18:10:00	29-11-2023	07:20:00	0.55	0.00	0.00	0.00	13.17		* Line opened on voltage regulation. Bhiwani-795KV.
							9.29	0.00	0.00	0.00	222.76	100.00	
CKT	765kV BHIWANI-MEERUT	LVRD	11-11-2023	21:35:00	13-11-2023	10:38:00	1.54	0.00	0.00	0.00	37.05		* Line opened on voltage regulation. Bhiwani-791KV.
CKT	765kV BHIWANI-MEERUT	LVRD	11-11-2023	02:14:00	11-11-2023	09:31:00	0.30	0.00	0.00	0.00	7.28		* Line opened on voltage regulation. Bhiwani-791KV.
CKT	765kV BHIWANI-MEERUT	LVRD	29-11-2023	01:12:00	29-11-2023	07:53:00	0.28	0.00	0.00	0.00	6.68		* Line opened on voltage regulation. Meerut-790KV.
CKT	765kV BHIWANI-MEERUT	SVRD	27-11-2023	01:04:00	27-11-2023	08:24:00	0.31	0.00	0.00	0.00	7.33		* Line opened on voltage regulation. Bhiwani-800KV.
CKT	765kV BHIWANI-MEERUT	LVRD	15-11-2023	23:41:00	16-11-2023	08:18:00	0.36	0.00	0.00	0.00	8.62		* Line opened on voltage regulation. Bhiwani-790KV.
CKT	765kV BHIWANI-MEERUT	LVRD	15-11-2023	00:01:00	15-11-2023	10:42:00	0.45	0.00	0.00	0.00	10.68		* Line opened on voltage regulation. Meerut-798KV.
CKT	765kV BHIWANI-MEERUT	LVRD	29-11-2023	23:17:00	30-11-2023	06:44:00	0.31	0.00	0.00	0.00	7.45		* Line opened on voltage regulation. Meerut-798KV.
CKT	765kV BHIWANI-MEERUT	LVRD	19-11-2023	03:31:00	19-11-2023	07:57:00	0.19	0.00	0.00	0.00	4.43		* Line opened on voltage regulation. Meerut-795KV
							3.74	0.00	0.00	0.00	89.52	100.00	
CKT	765kV BHIWANI-MOGA			00:00:00			0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765KV-BIKANER-BHADLA2-ACL-CKT1			00:00:00			0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765KV-BIKANER-BHADLA2-ACL-CKT2			00:00:00			0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV BIKANER-MOGA-1	LVRD	25-11-2023	17:32:00	26-11-2023	05:53:00	0.52	0.00	0.00	0.00	12.35		* Line opened on voltage regulation. Bikaner-795KV.
CKT	765kV BIKANER-MOGA-1	LVRD	24-11-2023	17:08:00	25-11-2023	07:03:00	0.58	0.00	0.00	0.00	13.92		* Line opened on voltage regulation. Bikaner-790KV
CKT	765kV BIKANER-MOGA-1	LVRD	03-11-2023	16:21:00	04-11-2023	06:24:00	0.59	0.00	0.00	0.00	14.05		* Line opened on voltage regulation. Bikaner-790KV
CKT	765kV BIKANER-MOGA-1	LVRD	01-11-2023	16:12:00	02-11-2023	06:48:00	0.61	0.00	0.00	0.00	14.60		* Line opened on voltage regulation. Bikaner-790KV



**Standard of Performance data for the month of Nov-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 ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	765KV BIKANER-MOGA-1	LVRD	05-11-2023	17:08:00	06-11-2023	06:53:00	0.57	0.00	0.00	0.00	13.75		* Line opened on voltage regulation. Bikaner-790KV.
CKT	765KV BIKANER-MOGA-1	LVRD	11-11-2023	17:11:00	12-11-2023	07:11:00	0.58	0.00	0.00	0.00	14.00		* Line opened on voltage regulation. Bikaner-796KV.
CKT	765KV BIKANER-MOGA-1	LVRD	13-11-2023	15:33:00	14-11-2023	06:36:00	0.63	0.00	0.00	0.00	15.05		* Line opened on voltage regulation. Bikaner-788KV.
CKT	765KV BIKANER-MOGA-1	LVRD	09-11-2023	16:36:00	10-11-2023	06:45:00	0.59	0.00	0.00	0.00	14.15		* Line opened on voltage regulation. Bikaner-796KV.
CKT	765KV BIKANER-MOGA-1	LVRD	02-11-2023	16:52:00	03-11-2023	07:05:00	0.59	0.00	0.00	0.00	14.22		* Line opened on voltage regulation. Bikaner-795KV.
CKT	765KV BIKANER-MOGA-1	LVRD	07-11-2023	16:56:00	08-11-2023	06:35:00	0.57	0.00	0.00	0.00	13.65		* Line opened on voltage regulation. Bikaner-796KV.
CKT	765KV BIKANER-MOGA-1	LVRD	23-11-2023	16:40:00	24-11-2023	07:43:00	0.63	0.00	0.00	0.00	15.05		* Line opened on voltage regulation. Bikaner-790KV.
CKT	765KV BIKANER-MOGA-1	LVRD	27-11-2023	16:02:00	28-11-2023	07:25:00	0.64	0.00	0.00	0.00	15.38		* Line opened on voltage regulation. Bikaner=785kv
CKT	765KV BIKANER-MOGA-1	LVRD	17-11-2023	17:09:00	18-11-2023	06:54:00	0.57	0.00	0.00	0.00	13.75		* Line opened on voltage regulation. Bikaner=785KV
CKT	765KV BIKANER-MOGA-1	LVRD	20-11-2023	16:36:00	21-11-2023	05:52:00	0.55	0.00	0.00	0.00	13.27		* Line opened on voltage regulation. Bikaner-790KV.
CKT	765KV BIKANER-MOGA-1	LVRD	29-11-2023	18:14:00	30-11-2023	06:37:00	0.52	0.00	0.00	0.00	12.38		* Line opened on voltage regulation. Bikaner-790KV.
CKT	765KV BIKANER-MOGA-1	LVRD	20-11-2023	16:36:00	21-11-2023	05:52:00	0.55	0.00	0.00	0.00	13.27		* Line opened on voltage regulation. Bikaner-800KV.
							9.29	0.00	0.00	0.00	222.84	100.00	
CKT	765KV BIKANER-MOGA-2	LVRD	10-11-2023	16:18:00	11-11-2023	06:56:00	0.61	0.00	0.00	0.00	14.63		* Line opened on voltage regulation. Bikaner-785KV
CKT	765KV BIKANER-MOGA-2	LVRD	12-11-2023	16:12:00	13-11-2023	07:19:00	0.63	0.00	0.00	0.00	15.12		* Line opened on voltage regulation. Bikaner-796KV.
CKT	765KV BIKANER-MOGA-2	LVRD	04-11-2023	16:37:00	05-11-2023	07:01:00	0.60	0.00	0.00	0.00	14.40		* Line opened on voltage regulation. Bikaner-795KV.
CKT	765KV BIKANER-MOGA-2	LVRD	08-11-2023	17:01:00	09-11-2023	07:04:00	0.59	0.00	0.00	0.00	14.05		* Line opened on voltage regulation. Bikaner-785KV
CKT	765KV BIKANER-MOGA-2	LVRD	06-11-2023	16:49:00	07-11-2023	06:49:00	0.58	0.00	0.00	0.00	14.00		* Line opened on voltage regulation. Bikaner-790KV
CKT	765KV BIKANER-MOGA-2	LVRD	01-11-2023	00:00:01	01-11-2023	07:09:00	0.30	0.00	0.00	0.00	7.15		* Line opened on voltage regulation. Bikaner-790KV.
CKT	765KV BIKANER-MOGA-2	LVRD	15-11-2023	16:13:00	16-11-2023	07:10:00	0.62	0.00	0.00	0.00	14.95		* Line opened on voltage regulation. V-785kv
CKT	765KV BIKANER-MOGA-2	LVRD	16-11-2023	16:55:00	17-11-2023	07:00:00	0.59	0.00	0.00	0.00	14.08		* Line opened on voltage regulation. Bikaner-788KV
CKT	765KV BIKANER-MOGA-2	LVRD	28-11-2023	23:54:00	29-11-2023	06:34:00	0.28	0.00	0.00	0.00	6.67		* Line opened on voltage regulation.Sikar-420KV* 14.11.2023 08:02:26 INDIA Bhupendra Garg (60011877)* Line opened on voltage regulation.Bikaner-790 KV
CKT	765KV BIKANER-MOGA-2	LVRD	26-11-2023	15:04:00	27-11-2023	07:10:00	0.67	0.00	0.00	0.00	16.10		* Line opened on voltage regulation. Bikaner-796KV.
CKT	765KV BIKANER-MOGA-2	LVRD	18-11-2023	15:53:00	19-11-2023	07:25:00	0.65	0.00	0.00	0.00	15.53		* Line opened on voltage regulation. Bikaner=790kv
CKT	765KV BIKANER-MOGA-2	LVRD	21-11-2023	16:53:00	22-11-2023	06:00:00	0.55	0.00	0.00	0.00	13.12		* Line opened on voltage regulation. Bikaner-800KV
CKT	765KV BIKANER-MOGA-2	LVRD	30-11-2023	16:26:00	30-11-2023	23:59:59	0.32	0.00	0.00	0.00	7.57		* Line opened on voltage regulation. Bikaner-795KV.
CKT	765KV BIKANER-MOGA-2	LVRD	14-11-2023	16:29:00	15-11-2023	06:54:00	0.60	0.00	0.00	0.00	14.42		* Line opened on voltage regulation. Bikaner-785KV
CKT	765KV BIKANER-MOGA-2	LVRD	19-11-2023	17:07:00	20-11-2023	05:55:00	0.53	0.00	0.00	0.00	12.80		* Line opened on voltage regulation. Bikaner-792KV.
							8.12	0.00	0.00	0.00	194.59	100.00	
CKT	765KV CHITTORGARH-AJMER-1	LVRD	20-11-2023	19:52:00	21-11-2023	07:20:00	0.48	0.00	0.00	0.00	11.47		* Line opened on voltage regulation. Ajmer-792KV
CKT	765KV CHITTORGARH-AJMER-1	LVRD	23-11-2023	18:43:00	24-11-2023	07:53:00	0.55	0.00	0.00	0.00	13.17		* Line opened on voltage regulation. Ajmer-790KV.
CKT	765KV CHITTORGARH-AJMER-1	LVRD	15-11-2023	19:45:00	16-11-2023	08:01:00	0.51	0.00	0.00	0.00	12.27		* Line opened on voltage regulation. Ajmer-795KV
CKT	765KV CHITTORGARH-AJMER-1	LVRD	24-11-2023	17:49:00	25-11-2023	09:13:00	0.64	0.00	0.00	0.00	15.40		* Line opened on voltage regulation. Ajmer-790KV.
CKT	765KV CHITTORGARH-AJMER-1	LVRD	29-11-2023	20:12:00	30-11-2023	09:06:00	0.54	0.00	0.00	0.00	12.90		* Line opened on voltage regulation. Ajmer-795KV.
CKT	765KV CHITTORGARH-AJMER-1	LVRD	25-11-2023	20:03:00	26-11-2023	07:21:00	0.47	0.00	0.00	0.00	11.30		* Line opened on voltage regulation. Ajmer-790KV.
CKT	765KV CHITTORGARH-AJMER-1	LVRD	16-11-2023	19:46:00	17-11-2023	07:22:00	0.48	0.00	0.00	0.00	11.60		* Line opened on voltage regulation. Ajmer-795KV
CKT	765KV CHITTORGARH-AJMER-1	LVRD	20-11-2023	19:52:00	21-11-2023	07:20:00	0.48	0.00	0.00	0.00	11.47		* Line opened on voltage regulation. Ajmer-790KV.
CKT	765KV CHITTORGARH-AJMER-1	LVRD	21-11-2023	20:08:00	22-11-2023	07:07:00	0.46	0.00	0.00	0.00	10.98		* Line opened on voltage regulation. Ajmer-785KV
CKT	765KV CHITTORGARH-AJMER-1	LVRD	27-11-2023	18:42:00	28-11-2023	09:09:00	0.60	0.00	0.00	0.00	14.45		* Line opened on voltage regulation. Ajmer-790KV.
CKT	765KV CHITTORGARH-AJMER-1	LVRD	01-11-2023	18:05:00	02-11-2023	06:54:00	0.53	0.00	0.00	0.00	12.82		* Line opened on voltage regulation. Ajmer-790KV.
CKT	765KV CHITTORGARH-AJMER-1	LVRD	13-11-2023	19:50:00	14-11-2023	06:55:00	0.46	0.00	0.00	0.00	11.08		* Line opened on voltage regulation. Ajmer-800kv
CKT	765KV CHITTORGARH-AJMER-1	LVRD	07-11-2023	20:19:00	08-11-2023	07:04:00	0.45	0.00	0.00	0.00	10.75		* Line opened on voltage regulation. Chittorgarh=788kv
CKT	765KV CHITTORGARH-AJMER-1	LVRD	11-11-2023	19:53:00	12-11-2023	07:32:00	0.49	0.00	0.00	0.00	11.65		* Line opened on voltage regulation. Ajmer-795KV.
							7.14	0.00	0.00	0.00	171.31	100.00	
CKT	765KV CHITTORGARH-AJMER-2	LVRD	28-11-2023	18:14:00	29-11-2023	07:55:00	0.57	0.00	0.00	0.00	13.68		* Line opened on voltage regulation. Ajmer-790KV.
CKT	765KV CHITTORGARH-AJMER-2	LVRD	18-11-2023	20:07:00	19-11-2023	07:34:00	0.48	0.00	0.00	0.00	11.45		* Line opened on voltage regulation. Ajmer=785kv
CKT	765KV CHITTORGARH-AJMER-2	LVRD	26-11-2023	14:57:00	27-11-2023	10:14:00	0.80	0.00	0.00	0.00	19.28		* Line opened on voltage regulation. Ajmer-795KV
CKT	765KV CHITTORGARH-AJMER-2	LVRD	17-11-2023	20:10:00	18-11-2023	06:38:00	0.44	0.00	0.00	0.00	10.47		* Line opened on voltage regulation. Ajmer-795KV.
CKT	765KV CHITTORGARH-AJMER-2	LVRD	19-11-2023	19:25:00	20-11-2023	06:48:00	0.47	0.00	0.00	0.00	11.38		* Line opened on voltage regulation. Ajmer-798KV.
CKT	765KV CHITTORGARH-AJMER-2	LVRD	30-11-2023	16:39:00	30-11-2023	23:59:59	0.31	0.00	0.00	0.00	7.35		* Line opened on voltage regulation. Ajmer-795KV
CKT	765KV CHITTORGARH-AJMER-2	LVRD	12-11-2023	20:58:00	13-11-2023	08:24:00	0.48	0.00	0.00	0.00	11.43		* Line opened on voltage regulation. Ajmer-790KV.
CKT	765KV CHITTORGARH-AJMER-2	LVRD	06-11-2023	21:19:00	07-11-2023	08:14:00	0.46	0.00	0.00	0.00	10.92		* Line opened on voltage regulation. Ajmer-796KV
CKT	765KV CHITTORGARH-AJMER-2	LVRD	10-11-2023	19:36:00	11-11-2023	07:26:00	0.49	0.00	0.00	0.00	11.83		* Line opened on voltage regulation. Ajmer-788KV
CKT	765KV CHITTORGARH-AJMER-2	LVRD	14-11-2023	17:09:00	15-11-2023	07:56:00	0.62	0.00	0.00	0.00	14.78		* Line opened on voltage regulation. Ajmer-790KV.
							5.12	0.00	0.00	0.00	122.57	100.00	
CKT	765KV-FATEHGARH-II-BHADLA-I-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	765KV-FATEHGARH-II-BHADLA-I-CKT2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765KV-FATEHGARH-II-FATEHGARH-I-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	765KV-FATEHGARH-II-FATEHGARH-I-CKT2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765KV GREATER NOIDA(UPTCL)-MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765KV JHATIKARA-BHIWANI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765KV-KOTESHWAR-MEERUT-1	OSFT	13-11-2023	11:08:00	13-11-2023	15:27:00	0.18	4.32	0.00	0.00	0.00		* Forced SD to attend decapped string of pilot V-String at TN.100.
CKT	765KV-KOTESHWAR-MEERUT-1	LART	10-11-2023	20:12:00	10-11-2023	20:12:00	0.00	0.00	0.00	0.00	0.00		* Line autoreclose on Y-N fault. Meerut-5.1KA/136.24KM, Koteswar- 4.4KA/38.23KM.
							0.18	4.32	0.00	0.00	0.00	99.40	

**Standard of Performance data for the month of Nov-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 ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	765KV-KOTESHWAR-MEERUT-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	
LNR	240MVAR,SWLR OF BIKANER-1 AT AJMER			00:00:00		00:00:00	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 BIKANER-2 AT AJMER			00:00:00		00:00:00	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 CHITTORGARH-1 AT AJMER			00:00:00		00:00:00	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 CHITTORGARH-2 AT AJMER			00:00:00		00:00:00	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 AJMER-2 AT BHADLA-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	
LNR	240MVAR,SWLR OF BIKANER-2 AT BHADLA-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	
LNR	330MVAR,SWLR OF AJMER-1 AT BHADLA-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	
LNR	240MVAR,SWLR OF BIKANER-1 AT BHADLA-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	
LNR	240MVAR,SWLR OF BIKANER-1 AT BHADLA			00:00:00		00:00:00	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 BIKANER-2 AT BHADLA			00:00:00		00:00:00	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 BHIWANI			00:00:00		00:00:00	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 KANKAROLI AT BHINMAL	SVRD	11-11-2023	11:13:00	30-11-2023	23:59:59	19.53	0.00	0.00	0.00	468.78		* BR opened on voltage regulation.Voltage-396kV
							19.53	0.00	0.00	0.00	468.78	100.00	
LNR	330MVAR,SWLR OF BHADLA2-1 AT BIKANER			00:00:00		00:00:00	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 BHADLA2-2 AT BIKANER			00:00:00		00:00:00	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 MOGA-1 AT BIKANER	OSFT	28-11-2023	17:54:00	28-11-2023	20:21:00	0.10	2.45	0.00	0.00	0.00		* Forced shutdown to attend oil leakage in main tank of Y-phase L/R At Bikaner end.
							0.10	2.45	0.00	0.00	0.00	99.66	
LNR	330MVAR,SWLR OF MOGA-2 AT BIKANER			00:00:00		00:00:00	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 BHADLA-2 AT BIKANER			00:00:00		00:00:00	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 BHADLA-1 AT BIKANER			00:00:00		00:00:00	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 BANSKANTA-2 AT CHITORGRH			00:00:00		00:00:00	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 BANSKANTA-1 AT CHITORGRH			00:00:00		00:00:00	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 AJMER-2 AT CHITTORGARH			00:00:00		00:00:00	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 AJMER-1 AT CHITTORGARH			00:00:00		00:00:00	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 BHADLA1-2 AT FATEHGARH-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	
LNR	240MVAR,SWLR OF BHADLA1-1 AT FATEHGARH-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	
LNR	240MVAR,SWLR OF BHIWANI-2 AT PHAGI			00:00:00		00:00:00	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 Nov-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 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
LNR	240MVAR,SWLR OF BHIWANI-1 AT PHAGI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF AGRA AT JHATIKARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	330MVAR,LR OF ALIGARH AT JHATIKARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF ZERDA AT KANKROLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF GR.NOIDA AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF AGRA-2 AT SIKAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF AGRA-1 AT SIKAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
STATCOM	Coupling Xmer 550MVA 400/34.5kV	OSPT	13-11-2023	23:40:00	14-11-2023	03:54:00	0.18	4.23	0.00	0.00	0.00	99.41	* Shutdown for installation and comissioning of Auxillary transformer branch and AVR.
STATCOM	Coupling Xmer 550MVA 400/34.5kV			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
STATCOM	Coupling Xmer ST-1 550MVA 400/34.5kV			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
STATCOM	Coupling Xmer ST-2 550MVA 400/34.5kV	OSPT	09-11-2023	17:11:00	09-11-2023	21:04:00	0.16	3.88	0.00	0.00	0.00	99.46	* Line opened on power regulation on NRLDC instruction.
STATCOM	Coupling Xmer ST-2 550MVA 400/34.5kV	SPRD	29-11-2023	17:18:00	29-11-2023	18:23:00	0.05	0.00	0.00	0.00	1.08	99.87	* STATCOM opened on voltage regulation due to oscillations in GRID Voltage.
STATCOM	Coupling Xmer ST-2 550MVA 400/34.5kV	SPRD	01-11-2023	00:00:01	02-11-2023	17:19:00	1.72	0.00	0.00	0.00	41.32	99.72	* for installation and commissioning of Auxillary transformer branch, commissioning of AVR, PU coating, RTV coating
SVC	-300/+ 400MVAR SVC AT KANKROLI	OMST	19-11-2023	14:01:00	19-11-2023	14:57:00	0.04	0.93	0.00	0.00	0.00	99.87	* Tripped on TSC1 differential protection caused due to flash over by 2 squirrels sitting on support insulators.
VALVE_HALL_1	800kV HVDC CHAMPA-KURUKSHETRA POLE-1	LVRD	11-11-2023	02:47:00	19-11-2023	09:32:00	8.28	0.00	0.00	0.00	198.75	99.72	* Pole blocked on voltage regulation. KR-428KV
VALVE_HALL_1	800kV HVDC CHAMPA-KURUKSHETRA POLE-1	LVRD	21-11-2023	03:00:00	30-11-2023	23:59:59	9.88	0.00	0.00	0.00	237.00	100.00	* Line opened on voltage regulation.KKR-425 KV
VALVE_HALL_1	800kV HVDC CHAMPA-KURUKSHETRA POLE-1	LCSD	19-11-2023	09:32:00	20-11-2023	20:55:00	1.47	0.00	0.00	0.00	35.38	100.00	* Line opened on voltage regulation
VALVE_HALL_1	800kV HVDC CHAMPA-KURUKSHETRA POLE-1	LVRD	21-11-2023	03:00:00	30-11-2023	23:59:59	9.88	0.00	0.00	0.00	237.00	100.00	* Shutdown by NR-3 for power line crossing work of Loop Out Ckt of LILO of 765kV Ghatampur-Hapur line at 765kV GIS Rampur.Continuous
VALVE_HALL_2	800kV HVDC CHAMPA-KURUKSHETRA POLE-2	LVRD	21-11-2023	03:00:00	30-11-2023	23:59:59	9.88	0.00	0.00	0.00	237.00	100.00	* Pole blocked on voltage regulation. KR-428KV
VALVE_HALL_2	800kV HVDC CHAMPA-KURUKSHETRA POLE-2	LVRD	21-11-2023	03:00:00	30-11-2023	23:59:59	9.88	0.00	0.00	0.00	237.00	100.00	* Line opened on voltage regulation
VALVE_HALL_2	800kV HVDC CHAMPA-KURUKSHETRA POLE-2	LCSD	19-11-2023	09:32:00	20-11-2023	21:09:00	1.48	0.00	0.00	0.00	35.62	100.00	* Shutdown by NR-3 for power line crossing work of Loop Out Ckt of LILO of 765kV Ghatampur-Hapur line at 765kV GIS Rampur.Continuous
VALVE_HALL_2	800kV HVDC CHAMPA-KURUKSHETRA POLE-2	LVRD	11-11-2023	02:47:00	19-11-2023	09:32:00	8.28	0.00	0.00	0.00	198.75	100.00	* Line opened on voltage regulation.KKR-425 KV
VALVE_HALL_3	800kV HVDC CHAMPA-KURUKSHETRA POLE-3	LCSD	19-11-2023	09:32:00	20-11-2023	20:55:00	1.47	0.00	0.00	0.00	35.38	100.00	* Shutdown by NR-3 for power line crossing work of Loop Out Ckt of LILO of 765kV Ghatampur-Hapur line at 765kV GIS Rampur.Continuous
VALVE_HALL_4	800kV HVDC CHAMPA-KURUKSHETRA POLE-4	OMST	23-11-2023	06:39:00	23-11-2023	08:42:00	0.09	2.05	0.00	0.00	0.00	99.72	* Tripped on Earth Over current protection operated at Kurukshetra* end.
VALVE_HALL_4	800kV HVDC CHAMPA-KURUKSHETRA POLE-4	LCSD	19-11-2023	09:32:00	20-11-2023	20:49:00	1.47	0.00	0.00	0.00	35.28	98.46	* Shutdown by NR-3 for power line crossing work of Loop Out Ckt of LILO of 765kV Ghatampur-Hapur line at 765kV GIS Rampur.
XMER	1500MVA,765/400kV ICT-1 AT AJMER			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT AJMER			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT BAGPAT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT BAGPAT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT BALLABGARH	OSPT	20-11-2023	08:23:00	20-11-2023	19:29:00	0.46	11.10	0.00	0.00	0.00	98.46	* S/D for retrofitment of LBB relay of 220 kV side CB.
XMER	500MVA,400/220kV ICT-2 AT BALLABGARH	OSPT	17-11-2023	08:19:00	17-11-2023	19:32:00	0.47	11.22	0.00	0.00	0.00	98.44	* s/d for replacing old Electromechanical type LBB relay, installed* in 220kV side of 500MVA transformer.

**Standard of Performance data for the month of Nov-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 ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
XMER	500MVA,400/220kV ICT-3 AT BALLABGARH	OSPT	18-11-2023	08:35:00	18-11-2023	19:44:00	0.47	11.15	0.00	0.00	0.00	98.45	* S/D for for retrofitment of LBB Relay.
							0.47	11.15	0.00	0.00	0.00	98.45	
XMER	500MVA,400/220kV ICT-4 AT BALLABGARH	OSPT	19-11-2023	08:31:00	19-11-2023	19:51:00	0.47	11.33	0.00	0.00	0.00	98.43	* SD for retrofitment of LBB relay of 220kV CB and for AMP work.
							0.47	11.33	0.00	0.00	0.00	98.43	
XMER	315MVA,400/220kV ICT-1 AT BASSI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT BASSI	OSFT	08-11-2023	18:26:00	10-11-2023	09:55:00	1.65	39.48	0.00	0.00	0.00	94.52	* Forced shutdown to attend oil leakage from Turret of 220 kV* side R-Ph Bushing.
							1.65	39.48	0.00	0.00	0.00	94.52	
XMER	500MVA,400/220kV ICT-3 AT BASSI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT BHADLA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT BHADLA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT BHADLA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT BHADLA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT BHADLA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-3 AT BHADLA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT BHADLA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-5 AT BHADLA-2	SCSD	25-11-2023	18:57:00	26-11-2023	04:55:00	0.42	0.00	0.00	0.00	9.97	100.00	* Shutdown for Bus Bar stability testing and commissioning of TBC Bay at Bhadla. 2.
							0.42	0.00	0.00	0.00	9.97	100.00	
XMER	500MVA,400/220kV ICT-6 AT BHADLA-2	SCSD	21-11-2023	18:41:00	22-11-2023	03:46:00	0.38	0.00	0.00	0.00	9.08	100.00	* Shutdown for Jumpering of New Bays in bay extension work
							0.38	0.00	0.00	0.00	9.08	100.00	
XMER	500MVA,400/220kV ICT-6 AT BHADLA-2	OSFT	22-11-2023	09:17:00	23-11-2023	01:15:00	0.67	15.97	0.00	0.00	0.00	97.78	* Hand tripped only from 220 KV side due to sparking in B phase isolator towards 220KV bus side . ICT-6 remains charged from 400KV side.
							1.05	15.97	0.00	0.00	9.08	97.78	
XMER	500MVA,400/220kV ICT-7 AT BHADLA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT BAHADURGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT BAHADURGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT BADHLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT BADHLA	OSPT	03-11-2023	19:54:00	04-11-2023	05:39:00	0.41	9.75	0.00	0.00	0.00	98.65	* Shutdown for annual maintenace work, installation and testing of Backup Impedance relay.
							0.41	9.75	0.00	0.00	0.00	98.65	
XMER	500MVA,400/220kV ICT-2 AT BADHLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT BADHLA	OSPT	08-11-2023	18:24:00	09-11-2023	01:19:00	0.29	6.92	0.00	0.00	0.00	99.04	* Shutdown for installation and testing of Backup Impedance relay.
							0.29	6.92	0.00	0.00	0.00	99.04	
XMER	500MVA,400/220kV ICT-3 AT BADHLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-3 AT BADHLA	OSPT	07-11-2023	19:05:00	08-11-2023	04:01:00	0.37	8.93	0.00	0.00	0.00	98.76	* Shutdown for installation and testing of Backup impedance relay.
							0.37	8.93	0.00	0.00	0.00	98.76	
XMER	500MVA,400/220kV ICT-4 AT BHADLA	OSPT	04-11-2023	19:07:00	05-11-2023	00:31:00	0.23	5.40	0.00	0.00	0.00	99.25	* Shutdown for installation and testing of Backup Impedance relay.
							0.23	5.40	0.00	0.00	0.00	99.25	
XMER	500MVA,400/220kV ICT-5 AT BADHLA	OSPT	05-11-2023	01:14:00	05-11-2023	06:31:00	0.22	5.28	0.00	0.00	0.00	99.27	* Shutdown for installation and testing of Backup Impedance relay.
							0.22	5.28	0.00	0.00	0.00	99.27	
XMER	500MVA,400/220kV ICT-6 AT BHADLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-7 AT BADHLA	OSFT	21-11-2023	18:35:00	21-11-2023	21:14:00	0.11	2.65	0.00	0.00	0.00	99.63	* Forced shutdown to attend heavy oil leakage from top header.
							0.11	2.65	0.00	0.00	0.00	99.63	
XMER	500MVA ICT-8			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT BHIWADI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT BHIWADI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-3 AT BHIWADI	OSPT	21-11-2023	09:42:00	21-11-2023	17:44:00	0.34	8.03	0.00	0.00	0.00	98.88	* Shutdown for AMP works.
							0.34	8.03	0.00	0.00	0.00	98.88	
XMER	315MVA,400/220kV ICT-1 AT BHIWANI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1000MVA,765/400kV ICT-1 AT BHIWANI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT BHIWANI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

**Standard of Performance data for the month of Nov-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 ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1000MVA,765/400kV ICT-2 AT BHIWANI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1000MVA,765/400kV ICT-3 AT BHIWANI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT BHINMAL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT BHINMAL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT BIKANER			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT BIKANER			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT BIKANER			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT BIKANER			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-3 AT BIKANER			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-3 AT BAWANA DTL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT CHITTORGARH	OSPT	08-11-2023	15:57:00	09-11-2023	04:52:00	0.54	12.92	0.00	0.00	0.00		* Shutdown for annual maintenance planned works.
							0.54	12.92	0.00	0.00	0.00	98.21	
XMER	1500MVA,765/400kV ICT-2 AT CHITTORGARH	OSPT	06-11-2023	16:56:00	07-11-2023	05:35:00	0.53	12.65	0.00	0.00	0.00		* Shutdown for winding Tan Delta, IR, PRV modification, OTI/WTI modification and relay testing works.
							0.53	12.65	0.00	0.00	0.00	98.24	
XMER	315MVA,400/220kV ICT-1 AT DEHRADUN			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT DEHRADUN			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT DWARKA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT DWARKA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT DWARKA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT DWARKA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-3 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-4 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-5 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA, 400/220kV ICT-6 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA, 400/220kV ICT-7 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-8 AT FATEHGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-9 AT FATEHGARH-2	OSPT	03-11-2023	16:43:00	03-11-2023	21:56:00	0.22	5.22	0.00	0.00	0.00		* Shutdown for annual maintenance works.
							0.22	5.22	0.00	0.00	0.00	99.28	

**Standard of Performance data for the month of Nov-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 ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
XMER	315MVA,400/220kV ICT-1 AT GURGAON			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT GURGAON			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT GURGAON			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT GURGAON			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT HISAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT HISAR	OSPT	09-11-2023	08:32:00	09-11-2023	21:22:00	0.54	12.83	0.00	0.00	0.00	98.22	* Shutdown for AMP works.
XMER	315MVA,400/220kV ICT-3 AT HISAR	OSPT	20-11-2023	08:58:00	20-11-2023	22:06:00	0.55	13.13	0.00	0.00	0.00	98.18	* SD for AMP work.
XMER	500MVA,400/220kV ICT-1 AT JAIPUR SOUTH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT JAIPUR SOUTH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT JHATIKARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT JHATIKARA	OMSU	20-11-2023	19:11:00	20-11-2023	23:24:00	0.18	0.00	4.22	0.00	0.00	100.00	* Tripped on REF protection(R-phase) during through fault in DTL system.
XMER	1500MVA,765/400kV ICT-3 AT JHATIKARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-4 AT JHATIKARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT JIND			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT JIND			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT KANKROLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT KANKROLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-3 AT KANKROLI	OSPT	20-11-2023	11:16:00	20-11-2023	20:43:00	0.39	9.45	0.00	0.00	0.00	98.69	* SD for Oil leakage arresting.
XMER	800MVA,765/400kV ICT-1 AT KOTESHWAR	OSPT	06-11-2023	09:36:00	06-11-2023	15:28:00	0.24	5.87	0.00	0.00	0.00	99.19	* S/D for Backup impedance retrofitting and Relay testing.
XMER	800MVA,765/400kV ICT-2 AT KOTESHWAR	OSFT	16-11-2023	17:07:00	16-11-2023	19:31:00	0.10	2.40	0.00	0.00	0.00	97.97	* Shutdown for backup impedance retrofitting and relay testing works.
XMER	800MVA,765/400kV ICT-2 AT KOTESHWAR	OSPT	03-11-2023	09:35:00	03-11-2023	21:46:00	0.51	12.18	0.00	0.00	0.00	98.86	* Forced Shutdown to attend the leakage and top-up the SF6 gas* to desired level.
XMER	800MVA,765/400kV ICT-3 AT KOTESHWAR	OSPT	04-11-2023	09:39:00	04-11-2023	17:50:00	0.34	8.18	0.00	0.00	0.00	98.86	* Shutdown for Backup impedance retrofitting and Relay testing works.
XMER	800MVA,765/400kV ICT-4 AT KOTESHWAR	OSPT	05-11-2023	09:23:00	05-11-2023	14:20:00	0.21	4.95	0.00	0.00	0.00	99.31	* S/D for Backup impedance retrofitting and Relay testing.
XMER	315MVA,400/220kV ICT-1 AT KOTA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT KOTA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT KOTPUTLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT KOTPUTLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT KURUKSHETRA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT KURUKSHETRA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT KURUKSHETRA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT MANDOLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT MANDOLA	OSFT	23-11-2023	12:00:00	23-11-2023	19:50:00	0.33	7.83	0.00	0.00	0.00	98.91	* Forced Shutdown to attend oil leakage from transformer
XMER	500MVA,400/220kV ICT-3 AT MANDOLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT MANDOLA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

**Standard of Performance data for the month of Nov-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 ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT MANESAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT MANESAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT MAHARANIBAGH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT MAHARANIBAGH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT MAHARANIBAGH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT MAHARANIBAGH	OMST	30-11-2023	17:31:00	30-11-2023	23:59:59	0.27	6.48	0.00	0.00	0.00		* Tripped on REF <(>&<)> differential protection. Shall be taken into service after internal inspection.* 08.12.2023 23:01:03 INDIA (60011877)* Bottom joint busted with spillage of oil.ICT replacement with spare ICT is under progress.
							0.27	6.48	0.00	0.00	0.00	99.10	
XMER	315MVA,400/220kV ICT-1 AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-1 AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-3 AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-2 AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-3 AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT MEERUT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-3 AT MUZAFFARNAGAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT NEEMRANA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT NEEMRANA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT ROORKEE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT ROORKEE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT ROORKEE	OSPT	07-11-2023	08:32:00	07-11-2023	17:41:00	0.38	9.15	0.00	0.00	0.00		* Shutdown for annual maintenance work.
							0.38	9.15	0.00	0.00	0.00	98.73	
XMER	315MVA,400/220kV ICT-1 AT SAHARANPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT SAHARANPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT SAHARANPUR	OSFT	24-11-2023	13:04:00	24-11-2023	16:45:00	0.15	3.68	0.00	0.00	0.00		* Forced shutdown to attend stuck 20389A R-phase isolator.
							0.15	3.68	0.00	0.00	0.00	99.49	
XMER	315MVA,400/220kV ICT-1 AT SIKAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT SIKAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT SIKAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT SONIPAT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT SONIPAT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT SONIPAT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT TUGHLAKABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT TUGHLAKABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT TUGHLAKABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

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**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 ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-4 AT TUGHLAKABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	