

Standard of Performance data for the month of Sept-2023

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

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 AGRA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-1 AT AGRA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT AGRA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-2 AT AGRA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-1 AT ALLAHABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT ALLAHABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-3 AT ALLAHABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	330MVAR,BUS REACTOR-1 AT ALIGARH	SVRD	08-09-2023	12:00:00	08-09-2023	16:57:00	0.21	0.00	0.00	0.00	4.95		* Hand tripped on Voltage regulation as per NRLDC instruction. Aligarh- 753KV
BSR	330MVAR,BUS REACTOR-1 AT ALIGARH	SVRD	15-09-2023	06:48:00	15-09-2023	06:48:00	0.00	0.00	0.00	0.00	0.00		* 330MVAR B/Reactor-I ALIGARH* 14-09-2023 10:56* 15-09-2023 06:48* SVRD* Hand tripped on Voltage regulation as per NRLDC instruction. Aligarh - 744KV
BSR	330MVAR,BUS REACTOR-1 AT ALIGARH	SVRD	04-09-2023	13:11:00	05-09-2023	18:56:00	1.24	0.00	0.00	0.00	29.75		* Hand tripped on Voltage regulation as per NRLDC instruction. Aligarh- 745KV
BSR	330MVAR,BUS REACTOR-2 AT ALIGARH	SVRD	14-09-2023	11:25:00	17-09-2023	04:32:00	2.71	0.00	0.00	0.00	65.12		* 330MVAR B/Reactor-II ALIGARH* 14-09-2023 11:25* **** SVRD* Hand tripped on Voltage regulation as per NRLDC instruction. Aligarh - 750KV
BSR	330MVAR,BUS REACTOR-2 AT ALIGARH	SVRD	07-09-2023	13:06:00	07-09-2023	17:29:00	0.18	0.00	0.00	0.00	4.38		* 330MVAR B/Reactor-II ALIGARH 07-09-2023 13:06 07-09-2023 17:29 SVRD Hand tripped on Voltage regulation as per NRLDC instruction. Aligarh- 760 KV
BSR	80MVAR,BUS REACTOR-1 AT BALLIA			00:00:00		00:00:00	2.89	0.00	0.00	0.00	69.50	100.00	
BSR	240MVAR,BUS REACTOR-1 AT BALLIA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT BALLIA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-2 AT BALLIA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-3 AT BALLIA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-4 AT BALLIA	SVRD	01-09-2023	00:00:01	09-09-2023	14:20:00	8.60	0.00	0.00	0.00	206.33		* Hand tripped on Voltage regulation as per NRLDC instruction.Lucknow- 398 KV
BSR	125MVAR,BUS REACTOR-4 AT BALLIA	SVRD	29-09-2023	21:02:00	30-09-2023	23:59:59	1.12	0.00	0.00	0.00	26.97		* Hand tripped on Voltage regulation as per NRLDC instruction.Balia-395 KV
BSR	240MVAR,BUS REACTOR-1 AT BAREILLY 765	SVRD	07-09-2023	14:57:00	08-09-2023	04:20:00	0.56	0.00	0.00	0.00	13.38		* 240MVAR B/Reactor-I BAREILLY-765 07-09-2023 14:57 08-09-2023 04:20 SVRD Hand tripped on Voltage regulation as per NRLDC instruction.Barreilly- 756 KV
BSR	240MVAR,BUS REACTOR-1 AT BAREILLY 765	SVRD	25-09-2023	19:18:00	26-09-2023	04:03:00	0.37	0.00	0.00	0.00	8.75		* Hand tripped on Voltage regulation as per NRLDC instruction.Barreilly-752 KV
BSR	240MVAR,BUS REACTOR-1 AT BAREILLY 765	SVRD	29-09-2023	21:17:00	30-09-2023	08:41:00	0.48	0.00	0.00	0.00	11.40		* Hand tripped on Voltage regulation as per NRLDC instruction.Barreilly-760 KV
BSR	240MVAR,BUS REACTOR-1 AT BAREILLY 765	SVRD	02-09-2023	12:12:00	07-09-2023	22:18:00	5.42	0.00	0.00	0.00	130.10		* S/OFF FOR V/R AS PER NRLDC INSTRUCTION
BSR	80MVAR,BUS REACTOR-1 AT BAREILLY	SVRD	01-09-2023	00:00:01	09-09-2023	14:22:00	8.60	0.00	0.00	0.00	163.63	100.00	
BSR	100MVAR,BUS REACTOR-2 AT BAREILLY	SVRD	01-09-2023	00:00:01	09-09-2023	14:17:00	8.60	0.00	0.00	0.00	206.37	100.00	
BSR	125MVAR,BUS REACTOR-1 AT FATEHPUR			00:00:00		00:00:00	8.60	0.00	0.00	0.00	206.28	100.00	
BSR	330MVAR,BUS REACTOR-1 AT FATEHPUR	SVRD	18-09-2023	19:25:00	24-09-2023	11:10:00	5.66	0.00	0.00	0.00	135.75		* H/T FOR V/R AS PER NRLDC INSTRUCTION
BSR	330MVAR,BUS REACTOR-1 AT FATEHPUR	SVRD	25-09-2023	19:19:00	30-09-2023	08:44:00	4.56	0.00	0.00	0.00	109.42		* Hand tripped on Voltage regulation as per NRLDC instruction.Fatehpur-753 KV
BSR	125MVAR,BUS REACTOR-2 AT FATEHPUR			00:00:00		00:00:00	10.22	0.00	0.00	0.00	245.17	100.00	
BSR	125MVAR,BUS REACTOR-1 AT GORAKHPUR	SVRD	01-09-2023	00:00:01	09-09-2023	13:51:00	8.58	0.00	0.00	0.00	205.85		* Hand tripped on Voltage regulation as per NRLDC instruction. Gorakhpur- 395KV
BSR	125MVAR,BUS REACTOR-1 AT GORAKHPUR	SVRD	10-09-2023	19:46:00	30-09-2023	23:59:59	20.18	0.00	0.00	0.00	484.23		* H/T FOR V/R AS PER NRLDC INSTRUCTION
BSR	125MVAR,BUS REACTOR-2 AT GORAKHPUR	SVRD	01-09-2023	00:00:01	09-09-2023	13:54:00	8.58	0.00	0.00	0.00	205.90	100.00	
BSR	25MVAR,BUS REACTOR-1 AT JAULJIVI			00:00:00		00:00:00	8.58	0.00	0.00	0.00	205.90	100.00	
BSR	125MVAR,BUS REACTOR-1 AT KANPUR(GIS)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-1 AT KANPUR(GIS)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-2 AT KANPUR(GIS)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT KANPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-1 AT LUCKNOW	SVRD	01-09-2023	00:00:01	30-09-2023	23:59:59	30.00	0.00	0.00	0.00	720.00		* Hand tripped on Voltage regulation as per NRLDC instruction.Lucknow-394 KV
BSR	125MVAR,BUS REACTOR-2 AT LUCKNOW			00:00:00		00:00:00	30.00	0.00	0.00	0.00	720.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT LUCKNOW 765	SVRD	01-09-2023	00:00:01	08-09-2023	16:29:00	7.69	0.00	0.00	0.00	184.48		* Hand tripped on Voltage regulation as per NRLDC instruction. Lucknow- 398KV

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BSR	240MVAR,BUS REACTOR-1 AT LUCKNOW 765	SVRD	18-09-2023	19:22:00	23-09-2023	08:06:00	7.69	0.00	0.00	0.00	184.48	100.00	* H/T FOR V/R AS PER NRLDC INSTRUCTION
BSR	240MVAR,BUS REACTOR-1 AT LUCKNOW 765	SVRD	29-09-2023	11:48:00	30-09-2023	23:59:59	1.51	0.00	0.00	0.00	108.73		* Hand tripped on Voltage regulation as per NRLDC instruction.Lucknow-751 KV
BSR	240MVAR,BUS REACTOR-1 AT LUCKNOW 765	SVRD	14-09-2023	11:47:00	17-09-2023	04:30:00	2.70	0.00	0.00	0.00	64.72		* 240MVAR B/Reactor-I LUCKNOW-765 14-09-2023 11:47 **** SVRD Hand tripped on Voltage regulation as per NRLDC instruction.Lucknow-744 KV
							8.74	0.00	0.00	0.00	209.65	100.00	
BSR	125MVAR,BUS REACTOR-1 AT MAINPURI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00	
BSR	330MVAR,BUS REACTOR-1 AT ORAI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	330MVAR,BUS REACTOR-2 AT ORAI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	25MVAR,BUS REACTOR-1 AT PITHORAGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT SHAHJAHANPUR	LVRD	07-09-2023	12:28:00	08-09-2023	07:06:00	0.78	0.00	0.00	0.00	18.63	100.00	* 125MVAR B/Reactor-I SHAHJHNPR 07-09-2023 12:28 **** SVRD Hand tripped on Voltage regulation as per NRLDC instruction. Shahjahanpur- 393KV
BSR	50MVAR,BUS REACTOR-1 AT SOHAWAL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	63MVAR,BUS REACTOR-2 AT SOHAWAL	SVRD	01-09-2023	00:00:01	08-09-2023	16:38:00	7.69	0.00	0.00	0.00	184.63		* Hand tripped on Voltage regulation as per NRLDC instruction. Sohawal- 398KV
BSR	93MVAR,BUS REACTOR-2 AT VINDHYACHAL			00:00:00		00:00:00	7.69	0.00	0.00	0.00	184.63	100.00	
BSR	125MVAR,BUS REACTOR-3 AT VINDHYACHAL			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	
BSR	93MVAR,BUS REACTOR-1 AT VINDHYACHAL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-4 AT VINDHYACHAL			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	
BSR	125MVAR,BUS REACTOR-1 AT VARANASI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	330MVAR,BUS REACTOR-1 AT VARANASI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	330MVAR,BUS REACTOR-2 AT VARANASI			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	132 KV MAU-BALIA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV AGRA-BHARATPUR(RRVPNL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV AGRA-SIKANDRA(UPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV ALLAHABAD-JHUSI(UPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV ALLAHABAD-REWA ROAD(UPPTCL)-1	OMS U	27-09-2023	20:09:00	27-09-2023	20:52:00	0.03	0.00	0.72	0.00	0.00	100.00	* Tripped only from Rewa road(UP end) due to Bus bar protection operated at Rewa road(UP end)
CKT	220kV ALLAHABAD-REWA ROAD(UPPTCL)-2	OMS U	27-09-2023	20:09:00	27-09-2023	20:52:00	0.03	0.00	0.72	0.00	0.00	100.00	* Tripped only from Rewa road(UP end) due to Bus bar protection operated at Rewa road(UP end)
CKT	220kV AURAIYA(NTPC)-SIKANDRA(UPPTCL)-1	OMS U	12-09-2023	06:44:00	12-09-2023	08:23:00	0.07	0.00	1.65	0.00	0.00	100.00	* Due to bus bar protection operated at Sikandara(UP) end.(Substation blackout at Sikandara(UP) end)
CKT	220kV AURAIYA(NTPC)-SIKANDRA(UPPTCL)-2	OMS U	12-09-2023	06:44:00	12-09-2023	08:24:00	0.07	0.00	1.67	0.00	0.00	100.00	* Due to bus bar protection operated at Sikandara(UP) end.(Substation blackout at Sikandara(UP) end)
CKT	220kV FATEHPUR-FATEHPUR(UPPTCL)-1	LEFT	27-09-2023	20:25:00	27-09-2023	21:59:00	0.07	1.57	0.00	0.00	0.00	99.78	* Line tripped on B-N Fault. Fatehpur(PG) end details- M-1- F/D-2.025 KM, F/C-19.26 KA, M-2- F/D-2.157 KMS, F/C-19.2 KA, AFAS(Single end): 2.14 KM, 19.87 KA, 28.79 Deg. Fatehpur(UP) end:F/D-15.34 KM, F/C-0.981 KA. Total line length=12.2KMS, NR-3 Jurisdiction=6.169 Kms. Fault is in Fatehpur TLM jurisdiction.
CKT	220kV FATEHPUR-FATEHPUR(UPPTCL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV FATEHPUR-KANPUR SOUTH(UPPTCL)	OMS U	11-09-2023	20:30:00	11-09-2023	21:16:00	0.03	0.00	0.77	0.00	0.00	100.00	* A/R successful from Fatehpur end and tripped at Kanpur(south) end on B-N fault. Fault details at Fatehpur end-M1-27.3 KM, F.C.-5.75 KA, M2-F.D.-25.8 KM, F.C.-6.18 KA. Fault is under UPPTCL Jurisdiction.
CKT	220kV FATEHPUR-KANPUR SOUTH(UPPTCL)	OSFD	28-09-2023	12:12:00	28-09-2023	15:48:00	0.15	0.00	0.00	0.00	3.60	100.00	* Line taken under emergency shutdown by UPPCL to attend hot spot in CT clamp R phase at UPPCL end.
CKT	220kV FATEHPUR-KANPUR SOUTH(UPPTCL)	OMS U	04-09-2023	04:26:00	04-09-2023	09:58:00	0.23	0.00	5.53	0.00	0.00	100.00	* tripped due to B-N fault.site details Fatehpur ends -M1-F.D.-25.5 km km= ,F.C.-5.31 kamp.M2-F.D.-25.8 km,F.C.-6.06 kamp.* Fault under UPPCL jurisdiction.
CKT	220kV FATEHPUR-KANPUR SOUTH(UPPTCL)	OMS U	10-09-2023	19:20:00	10-09-2023	19:56:00	0.03	0.00	0.60	0.00	0.00	100.00	* A/R successful from Fatehpur end and tripped at Kanpur(south) end on B-N fault. Fault details at Fatehpur end-M1-53.6 KM, F.C.-5.5 KA, M2-F.D.-54 KM, F.C.-3.29 KA. Fault is under UPPTCL Jurisdiction.
CKT	220kV FATEHPUR-KANPUR SOUTH(UPPTCL)	OSFD	12-09-2023	13:51:00	12-09-2023	19:23:00	0.23	0.00	0.00	0.00	5.53	100.00	* E/S/D taken to replace suspension insulator at tower no 205 by UPPTCL
							0.67	0.00	6.90	0.00	9.13	100.00	
CKT	220kV FATEHPUR-NAUBASTA(UPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV JHUSI(UPPTCL)-PHULPUR(UPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV JAULJIVI-PITHORAGARH-1	LMAC	01-09-2023	00:00:01	01-09-2023	13:36:00	0.57	0.00	0.00	13.60	0.00	100.00	* Tripped on Y-N fault. Jauljivi end details As per AFAS FD -24.360 KM , FC - ly- 4.469 KA. * 01.09.2023 10:41:27 INDIA Vadivelan K (60060011) Phone 8144096146* 220kV Cable damaged bet'n loc 70-71, cable joint provided
CKT	220kV JAULJIVI-PITHORAGARH-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV-KANPUR-KIDWAI NAGAR-ACL-C1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV KANPUR-NAUBASTA(UPPTCL)	OSPD	11-09-2023	11:34:00	30-09-2023	23:59:59	19.52	0.00	0.00	0.00	468.43	100.00	* S/D taken by UPPCL for height raising work of 220kv panki-fatehpur line due to metro corridor by UPPCL

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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 ORAI-ORAI(UPPTCL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RIHAND(NTPC)-ALLAHABAD-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RIHAND(NTPC)-ALLAHABAD-2	LART	13-09-2023	13:39:00	13-09-2023	13:39:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line A/R successfully on Y-N fault. AFAS (Allahabad) details - M-1: FD - 165.552 KM, FC - 2.32 KA, Fault angle-81.06 degree, M-2: FD - 165.552 KM, FC -2.33 KA, Fault angle- 83.62 degree. Allahabad end Relay details-M1-F.D.-166.2 KM, F.C.-2.28 KA, M2-F.D.-163.91 KM, F.C.-2.14 KA. Rihand end details: FD-132Km, FC-2.95kA. Fault under Mirzapur jurisdiction.
CKT	400kV RIHAND(NTPC)-ALLAHABAD-2	LART	23-09-2023	21:37:00	23-09-2023	21:37:00	0.00	0.00	0.00	0.00	0.00	100.00	* DC transient fault occurred with following details:- FD=142.6km from Rihand,FD=672.4km from Dadri. Fault in Mirzapur jurisdiction.* Total line length=815.928km, NR-3 jurisdiction=699.395km
CKT	400kV SAHAJAHANPUR-BAREILLY-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SAHAJAHANPUR-BAREILLY-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SINGRAULI(NTPC)-ALLAHABAD-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SINGRAULI(NTPC)-ALLAHABAD-2	OMS U	09-09-2023	18:13:00	09-09-2023	19:52:00	0.07	0.00	1.65	0.00	0.00	100.00	* A/R successful from Allahabad end and tripped only from NTPC Singrauli end due to problem at NTPC Singrauli.
CKT	400kV SINGRAULI(NTPC)-ALLAHABAD-3			00:00:00		00:00:00	0.00	0.00	1.65	0.00	0.00	100.00	
CKT	400kV SINGRAULI(NTPC)-ANPARA(NTPC)-1	OSPD	15-09-2023	10:00:00	15-09-2023	19:49:00	0.41	0.00	0.00	0.00	0.00	100.00	* Shutdown taken by UPPTCL for attending hot spot on LA to CVT PG Clamp in R Phase and 2nd spacor abovpe CVT R Phase temperature at anpara end
CKT	400kV SINGRAULI(NTPC)-FATEHPUR	GOV C	17-09-2023	19:59:00	18-09-2023	03:35:00	0.32	0.00	0.00	7.60	0.00	100.00	* Tripped due to over voltage stage-1 operated at NTPC Singrauli end. D/T received at Fatehpur end.
CKT	400kV SINGRAULI(NTPC)-FATEHPUR	OSFD	18-09-2023	03:37:00	19-09-2023	00:31:00	0.87	0.00	0.00	0.00	20.90	100.00	* Emergency H/T from NTPC Singrauli end due to abnormal sound in LMU LA at Singrauli end
CKT	400kV SINGRAULI(NTPC)-LUCKNOW(UPPTCL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SINGRAULI(NTPC)-RIHAND(NTPC)-1	OSFD	04-09-2023	11:55:00	06-09-2023	20:53:00	2.37	0.00	0.00	0.00	56.97	100.00	* E/S/D taken by NTPC for CT polarity correction in BCU at Singrauli.
CKT	400kV SINGRAULI(NTPC)-RIHAND(NTPC)-1	OSPD	01-09-2023	00:00:01	02-09-2023	21:57:00	1.92	0.00	0.00	0.00	45.95	100.00	* S/D taken for SAS integration work by NTPC.
CKT	400kV SINGRAULI(NTPC)-RIHAND(NTPC)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SINGRAULI(NTPC)-VINDHYACHAL-1	OSPT	21-09-2023	09:26:00	26-09-2023	01:01:00	4.65	111.58	0.00	0.00	0.00	100.00	* S/D taken for Retro-fittment of TBC/Line isolator In POWERGRID Bay at NTPC-SSTPS, Singrauli.
CKT	400kV SINGRAULI(NTPC)-VINDHYACHAL-1	OSFT	26-09-2023	02:46:00	26-09-2023	16:32:00	0.57	13.77	0.00	0.00	0.00	100.00	* E/S/D taken to attend CVT fuse fail Alarm at Vindhychal end.
CKT	400kV SINGRAULI(NTPC)-VINDHYACHAL-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SOHAWAL-LUCKNOW-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SOHAWAL-LUCKNOW-2	OSFT	13-09-2023	12:29:00	13-09-2023	15:10:00	0.11	2.68	0.00	0.00	0.00	100.00	* E/S/D taken for replacement of broken insulator string at loction no. 863.
CKT	400kV SOHAWAL-LUCKNOW-2	LART	11-09-2023	03:59:00	11-09-2023	03:59:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFULL FROM BOTH END DUE TO Y-N FAULT AT 03:59 HRS ON DTD.11.09.23.DOUBLE END AFAS DETAILS-MAIN-2-LUCKNOW END-F.D.-878KM,F.= C-36.913KAMP,FAULT ANGLE-33.175DEGREE,SOHAWAL END DETAILS-F.D.-97.4033KM,F.C.-2.411KMP,FAULT ANGLE-69.364 DEGREE
CKT	400kV VARANASI-ALLAHABAD-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV VARANASI -SARNATH(UPPTCL)-1	LART	15-09-2023	17:56:00	15-09-2023	17:56:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R successfully from Both end , AFAS Varanasi end -M-1- F/D-0.825 Kms, F/C-32.59 KA, F/A-54.871 Kms, M-2- 1.403 Kms, F/C- 27.1 KA, F/A-57.937 Degree, Varanasi end details- M-1- F/D-0.894 Kms, F/C-27.4 KA, Fault is in Varanasi Jurisdiction.
CKT	400kV VARANASI -SARNATH(UPPTCL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV AGRA-ALIGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV ALIGARH-GREATER NOIDA(UPPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV ALIGARH-JHATIKARA	OSPT	03-09-2023	09:05:00	03-09-2023	19:54:00	0.45	10.82	0.00	0.00	0.00	100.00	* S/D taken by NR-1 for s/d nature defect rectification work.
CKT	765kV ALIGARH-JHATIKARA	OSFT	19-09-2023	09:47:00	19-09-2023	15:04:00	0.22	5.28	0.00	0.00	0.00	100.00	* E/S/D taken by NR-1 for attending damaged conductor of jumper at location no. 1220.
CKT	765kV BALIA-LUCKNOW	LART	12-09-2023	04:23:00	12-09-2023	04:23:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R successfully on Y-N fault. AFAS double end details:Balialia - F.D - 164.485 KM, F.C - 3.965 KA, Fault angle- 87.419;Lucknow - F.D - 154.415, F.C - 3.939 KA, Fault angle - 87.641. Balialia end details : M1- 161.6 KM, F.C - 3.931 KA, M2 - F.D - 161.8 KM, F/C - 3.42 KA, Lucknow end details:NA, Fault under Sohawal Jurisdiction.
CKT	765kV BALIA-VARANASI	OSFT	27-09-2023	10:35:00	27-09-2023	18:40:00	0.34	8.08	0.00	0.00	0.00	100.00	* E/S/D taken to rectify broken 05 Nos. spacer dampers broken between Loc No. 114 - 115 in Y phase and 01 No Tension insulator (CLR) of quad string <-> 01 No. C C ring found broken at Loc No.115 Y (Middle phase).
CKT	765kV FATEHPUR-AGRA-1	LVRD	17-09-2023	04:20:00	19-09-2023	19:44:00	2.64	0.00	0.00	0.00	63.40	100.00	* Hand tripped on Voltage regulation as per NRLDC instruction. Agra-790 KV
CKT	765kV FATEHPUR-AGRA-1	LVRD	23-09-2023	08:01:00	27-09-2023	19:30:00	4.48	0.00	0.00	0.00	107.48	100.00	* Hand tripped on Voltage regulation as per NRLDC instruction.Agra-791 KV
CKT	765kV FATEHPUR-AGRA-1	LVRD	05-09-2023	18:39:00	06-09-2023	12:03:00	0.73	0.00	0.00	0.00	17.40	100.00	* Hand tripped on Voltage regulation as per NRLDC instruction.Agra- 780 KV
CKT	765kV FATEHPUR-AGRA-2	LVRD	09-09-2023	04:11:00	12-09-2023	16:16:00	3.50	0.00	0.00	0.00	84.08	100.00	* Hand tripped on Voltage regulation as per NRLDC instruction.Agra- 797 KV
CKT	765kV KANPUR-ALIGARH	LVRD	16-09-2023	06:05:00	18-09-2023	19:31:00	2.56	0.00	0.00	0.00	61.43	100.00	* Line converted into Voltage Regulation as per NRLDC instruction. (Voltage at Aligarh-784 KV)
CKT	765kV KANPUR-ALIGARH	LEFT	16-09-2023	05:16:00	16-09-2023	06:05:00	0.03	0.82	0.00	0.00	0.00	100.00	* Line tripped on Y-N Fault. Double ended AFAS Fault details -Fault Distance from Aligarh -196.869 km, F.C.-4.39 KA, Fault Distance from Kanpur-125.131 km, F.C.-3.86. Fault is in Auraiya Jurisdiction.
CKT	765kV KANPUR-ALIGARH	LCSD	04-09-2023	10:48:00	04-09-2023	22:08:00	0.47	0.00	0.00	0.00	11.33	100.00	* S/D taken for OPGW tapping work for repeater station.
CKT	765kV LUCKNOW-BAREILLY			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV ORAI-ALIGARH-1	LVRD	01-09-2023	00:00:01	25-09-2023	19:47:00	24.82	0.00	0.00	0.00	595.78	100.00	* Hand tripped on Voltage regulation as per NRLDC instruction.Orai-792 KV
CKT	765kV ORAI-ALIGARH-1	LVRD	01-09-2023	00:00:01	02-09-2023	10:21:00	1.43	0.00	0.00	0.00	34.35	100.00	* 765KV ORAI-ALIGARH-1* 23-08-2023 03:30* ***** LVRD* Hand tripped on Voltage regulation as per NRLDC instruction.Orai- 797 KV
CKT	765kV ORAI-ALIGARH-2	LVRD	10-09-2023	09:27:00	11-09-2023	09:44:00	1.01	0.00	0.00	0.00	630.13	100.00	* H/T FOR V/R AS PER NRLDC INSTRUCTION
CKT	765kV ORAI-ALIGARH-2	LVRD	17-09-2023	15:24:00	19-09-2023	20:25:00	2.21	0.00	0.00	0.00	53.02	100.00	* Hand tripped on Voltage regulation as per NRLDC instruction. Orai-790 KV

Standard of Performance data for the month of Sept-2023

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

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 RIHAND(NTPC)-VINDHYACHAL PS-1			00:00:00		00:00:00	3.22	0.00	0.00	0.00	0.00	77.30	100.00	
CKT	400kV RIHAND(NTPC)-VINDHYACHAL PS-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
CKT	765kV VARANASI-FATEHPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
CKT	765kV VARANASI-KANPUR GIS-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
CKT	765kV VARANASI-KANPUR GIS-2	OSFT	11-09-2023	18:09:00	12-09-2023	00:12:00	0.25	6.05	0.00	0.00	0.00	0.00		* E/S/D taken to attend hot spot and abnormal sound noticed in 765kv Varanasi ckt-2 Line feeder ducts near 704-89DS/ES modules.
CKT	765kV VARANASI-KANPUR GIS-2	LEFT	10-09-2023	20:49:00	11-09-2023	00:00:16	0.13	3.19	0.00	0.00	0.00	0.00		* Tripped due to R-N fault Double end AFAS details Kanpur end details- M-1-F.D-290.943 Kms, F.C.-3.363 KA, Varanasi end- 35.527 Kms, F/C-12.748 KA.
LNR	50MVAR,LR OF BHIWADI-1 AT AGRA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	240MVAR,LR OF FATEHPUR-2 AT AGRA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	50MVAR,SWLR OF FATEHPUR-2 AT ALLAHABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	50MVAR,SWLR OF FATEHPUR-1 AT ALLAHABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	330MVAR,SWLR OF KANPUR AT ALIGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	83MVAR,SWLR OF SOHAWAL-2 AT BALLIA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	83MVAR,SWLR OF SOHAWAL-1 AT BALLIA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	240MVAR,SWLR OF LUCKNOW-1 AT BALLIA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	240MVAR,SWLR OF GAYA-1 AT BALLIA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	50MVAR,SWLR OF MEERUT-1 AT BAREILLY			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	50MVAR,SWLR OF MEERUT-2 AT BAREILLY			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	330MVAR,LR OF AGRA-1 AT FATEHPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	50MVAR,SWLR OF LUCKNOW-2 AT GORAKHPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	50MVAR,SWLR OF LUCKNOW-1 AT GORAKHPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	63MVAR,LR OF BASTI-1 AT GORAKHPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	63MVAR,LR OF BASTI-2 AT GORAKHPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	80MVAR,SWLR OF MOTIHARI-1 AT GORAKHPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	80MVAR,SWLR OF MOTIHARI-2 AT GORAKHPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	21MVAR,LINE REACTOR SPARE AT JAULJIVI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	83MVAR,SWLR OF BAREILLY-1 AT JAULJIVI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	83MVAR,SWLR OF BAREILLY-2 AT JAULJIVI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	330MVAR,SWLR OF ALIGARH AT KANPUR 765			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	63MVAR,SWLR OF BASTI-2 AT LUCKNOW			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	63MVAR,SWLR OF BASTI-1 AT LUCKNOW			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	240MVAR,SWLR OF BALLIA-1 AT LUCKNOW 765			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	240MVAR,SWLR OF BAREILLY-1 AT LUCKNOW 765			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	50MVAR,SWLR OF BALIA-1 AT SOHAWAL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	50MVAR,SWLR OF BALIA-2 AT SOHAWAL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	240MVAR,SWLR OF KANPUR-1 AT VARANASI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
LNR	240MVAR,SWLR OF KANPUR-2 AT VARANASI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
STAT COM	-300/+300 MVAR STATCOM AT LUCKNOW 765			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00		
VALVE_HALL	800KV AGRA-BISWANATHCHARIALI POLE-1	OMS U	17-09-2023	11:40:00	17-09-2023	15:32:00	0.16	0.00	3.87	0.00	0.00	100.00		* Tripped only from BNC end only due to DC line fault between BNC and APD, FD=1620km from Agra, Tower no-415/A-1(2/3), FD=154.6km from BNC, FD=257.3km from APD. Fault under NER jurisdiction.

Standard of Performance data for the month of Sept-2023
Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD. NORTHERN REGION-III

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
VALV E_HAL L	800KV AGRA-BISWANATHCHARIALI POLE-1	OSFT	06-09-2023	10:29:00	06-09-2023	16:53:00	0.27	6.40	0.00	0.00	0.00		* Emergency shutdown taken to rectify the broken Jumper at Loc no-3182 and 2918
							0.43	6.40	3.87	0.00	0.00	99.11	
VALV E_HAL L	800KV AGRA-BISWANATHCHARIALI POLE-2	OSFT	07-09-2023	10:24:00	07-09-2023	16:31:00	0.26	6.12	0.00	0.00	0.00		* 800KV HVDC AGRA-BNC POLE-II 07-09-2023 10:24 07-09-2023 16:31 OSFT Emergency shutdown taken to rectify the broken Jumper at Loc no-2932
							0.26	6.12	0.00	0.00	0.00	99.15	
VALV E_HAL L	800KV AGRA-ALIPURDUAR POLE-3	OSFT	06-09-2023	10:29:00	06-09-2023	16:53:00	0.27	6.40	0.00	0.00	0.00		* Emergency shutdown taken to rectify the broken Jumper at Loc no-3182 and 2918
							0.27	6.40	0.00	0.00	0.00	99.11	
VALV E_HAL L	800KV AGRA-ALIPURDUAR POLE-4	OSFT	07-09-2023	10:24:00	07-09-2023	16:34:00	0.26	6.17	0.00	0.00	0.00		* 800KV HVDC AGRA-APD POLE-IV 07-09-2023 10:24 07-09-2023 16:34 OSFT Emergency shutdown taken to rectify the broken Jumper at Loc no-2932
							0.26	6.17	0.00	0.00	0.00	99.14	
VALV E_HAL L	500KV HVDC BALIA-BHIWADI POLE-1	LART	01-09-2023	05:27:00	01-09-2023	05:27:00	0.00	0.00	0.00	0.00	0.00		* "DC Transient fault occurred with following details :- Fault Distance from Ballia end- 209.328 Kms and fault Distance from Bhiwadi end - 580.462 Kms" Fault location tower No. 575 , Fault under Raibareilly jurisdiction.* Total line length is 792.199KM, NR3 Portion 583.257KM" *
VALV E_HAL L	500KV HVDC BALIA-BHIWADI POLE-1	LART	27-09-2023	05:18:00	27-09-2023	05:18:00	0.00	0.00	0.00	0.00	0.00		* DC transient occurred at FD from Ballia- 725.7 KM,FD from Bhiwadi- 54.263 KM,Tower no-1977.
VALV E_HAL L	500KV HVDC BALIA-BHIWADI POLE-1	LART	30-09-2023	23:44:00	30-09-2023	23:44:00	0.00	0.00	0.00	0.00	0.00		* DC Transient occurred F/D from Ballia-407.793 kmS, F/D from Bhiwadi end-381.997 kms, Tower number -1121, Line length is -799.199 Kms, NR-3 Jurisdiction-583.622 Kms .Fault is in Kanpur Jurisdiction
VALV E_HAL L	500KV HVDC BALIA-BHIWADI POLE-1	LART	10-09-2023	05:55:00	10-09-2023	05:55:00	0.00	0.00	0.00	0.00	0.00		* DC transient fault occurred with following details:- FD=585.681km from Balia, FD=204.109km from Bhiwadi, Tower no 1599. Fault in NR-1 jurisdiction.
VALV E_HAL L	500KV HVDC BALIA-BHIWADI POLE-1	LART	18-09-2023	06:00:00	18-09-2023	06:00:00	0.00	0.00	0.00	0.00	0.00		* "DC Transient occurred, FD = 149.301 KM from Balia, FD=640.490 KM from Bhiwadi* Tower No.405, Total Line Length -792.199 KM, NR3 Portion -583.622 KM.* Fault in Azamgarh Jurisdiction"
VALV E_HAL L	500KV HVDC BALIA-BHIWADI POLE-1	LART	17-09-2023	04:55:00	17-09-2023	04:55:00	0.00	0.00	0.00	0.00	0.00		* "DC transient fault occurred with following details:- FD=101.074km from Balia, FD=688.716km from Bhiwadi, Tower no-277. Fault in Azamgarh jurisdiction.* Total line length=792.199km, NR-3 jurisdiction=583.622km.*
VALV E_HAL L	500KV HVDC BALIA-BHIWADI POLE-1	LART	14-09-2023	20:09:00	14-09-2023	20:09:00	0.00	0.00	0.00	0.00	0.00		* 500KV HVDC BALIA-BHWD POLE-I" 14-09-2023 20:09" 14-09-2023 20:09" LART* DC tamsient fault occurred F/D from Ballia end- 782.438 Kms, F/D from Bhiwadi end- 307.352 Kms, Tower no-1320 , fault is in
							0.00	0.00	0.00	0.00	0.00	100.00	
VALV E_HAL L	500KV HVDC BALIA-BHIWADI POLE-2	LART	17-09-2023	23:55:00	17-09-2023	23:55:00	0.00	0.00	0.00	0.00	0.00		* "DC Transient occurred, FD - 74.477 KM from Balia, FD -715.313KM from Bhiwadi" Tower No. 206, Total Line Length -792.199 KM, NR3 Portion -583.622 KM.* Fault in Azamgarh Jurisdiction"
VALV E_HAL L	500KV HVDC BALIA-BHIWADI POLE-2	LART	30-09-2023	01:20:00	30-09-2023	01:20:00	0.00	0.00	0.00	0.00	0.00		* DC transient occurred at FD from Balia- 748.847 KM, FD from Bhiwadi- 40.942 KM, Tower no.- 2041. Fault is in NR-1 Jurisdiction. Total line length=792.199 km, NR-3 jurisdiction=583.622km.
VALV E_HAL L	500KV HVDC BALIA-BHIWADI POLE-2	LART	25-09-2023	00:38:00	25-09-2023	00:38:00	0.00	0.00	0.00	0.00	0.00		* DC transient occurred. FD -756.260 KM from Balia. FD-33.530 KM from Bhiwadi. Tower No. 2061 Fault under NR-1 Jurisdiction. Total line length= 792.199 KM ;NR-3 jurisdiction=583.622 KM.
VALV E_HAL L	500KV HVDC BALIA-BHIWADI POLE-2	LART	11-09-2023	15:13:00	11-09-2023	15:13:00	0.00	0.00	0.00	0.00	0.00		* DC transient Fault at F/D from Ballia - 438.689 kms <-&-> F/D from Bhiwadi- 351.101 Kms.Tower location- 1203.
VALV E_HAL L	500KV HVDC BALIA-BHIWADI POLE-2	LART	15-09-2023	05:25:00	15-09-2023	05:25:00	0.00	0.00	0.00	0.00	0.00		* 500KV HVDC BALIA-BHWD POLE-II" 15-09-2023 05:25" 15-09-2023 05:25" LART* DC transient occurred , FD from Ballia- 133.289 KMFD from Bhiwadi- 656.501 KM ,Tower no-362 ,Total line length -792.199 Kms,Fault is in Azamgarh Jurisdiction.
							0.00	0.00	0.00	0.00	0.00	100.00	
VALV E_HAL L	500KV HVDC RIHAND-DADRI POLE-1	LART	27-09-2023	05:47:00	27-09-2023	05:47:00	0.00	0.00	0.00	0.00	0.00		* DC transient occurred .FD from Rihand- 672.7KM,FD from Bhiwadi- 142.3 KM
VALV E_HAL L	500KV HVDC RIHAND-DADRI POLE-1	LART	11-09-2023	12:57:00	11-09-2023	12:57:00	0.00	0.00	0.00	0.00	0.00		* DC transient occurred at F/D - 712.7KM from Rihand and 102.3KM from Dadri.Fault in NR-1 Jurisdiction.
VALV E_HAL L	500KV HVDC RIHAND-DADRI POLE-1	LART	07-09-2023	11:22:00	07-09-2023	11:22:00	0.00	0.00	0.00	0.00	0.00		* 500KV HVDC R-D POLE-I 07-09-2023 11:22 07-09-2023 11:22 LART DC transient occurred , F/D from Dadri end- 689.1 Kms, F/D from Dadri end- 125.8 Kms, Fault is in Mainpuri Jurisdiction . NR-3 length- 699.395 Kms , Total length- 815.929 Kms,
VALV E_HAL L	500KV HVDC RIHAND-DADRI POLE-1	LART	13-09-2023	20:16:00	13-09-2023	20:16:00	0.00	0.00	0.00	0.00	0.00		* DC transient fault occurred. FD=266.3 km from Rihand, FD=548.7 km from Dadri.Total Line Length -815.929KM, NR3 Portion -699.395KM. Fault in Allahabad jurisdiction.
VALV E_HAL L	500KV HVDC RIHAND-DADRI POLE-1	LART	17-09-2023	05:54:00	17-09-2023	05:54:00	0.00	0.00	0.00	0.00	0.00		* "DC transient fault occurred with following details:- FD=70.5km from Rihand, FD=744.5km from Dadri. Fault in Shaktinagar jurisdiction.* Total line length=815.928km, NR-3 jurisdiction=699.395km"
VALV E_HAL L	500KV HVDC RIHAND-DADRI POLE-1	LART	15-09-2023	15:59:00	15-09-2023	15:59:00	0.00	0.00	0.00	0.00	0.00		* DC transient occurred , F/D from Rihand- 768.4 Kms, Dadri- 465.6 Kms , Fault is under NR-1 Jurisdiction
VALV E_HAL L	500KV HVDC RIHAND-DADRI POLE-1	LART	28-09-2023	06:06:00	28-09-2023	06:06:00	0.00	0.00	0.00	0.00	0.00		* DC transient occurred at FD from Rihand- 71.1 KM,FD from Dadari- 743.9 KM.Fault is in Shaktinagar Jurisdiction.Total line length=815.928km, NR-3 jurisdiction=699.395km
VALV E_HAL L	500KV HVDC RIHAND-DADRI POLE-1	LCSD	30-09-2023	08:28:00	30-09-2023	23:59:59	0.65	0.00	0.00	0.00	15.53		* Power line crossing work for under construction of Loop Out CKT of LILO of 765kV Ghatampur-Hapur line at 765/400/220kV GIS SS Rampur
VALV E_HAL L	500KV HVDC RIHAND-DADRI POLE-1	LART	03-09-2023	19:53:00	03-09-2023	19:53:00	0.00	0.00	0.00	0.00	0.00		* DC transient occurred at Fault distance from Rihand- 784.9 Kms, F/D from Dadri- 30.1 Kms, Fault is in NR-1 jurisdiction.
VALV E_HAL L	500KV HVDC RIHAND-DADRI POLE-1	LART	05-09-2023	00:46:00	05-09-2023	00:46:00	0.00	0.00	0.00	0.00	0.00		* DC Transient fault occurred;Fault distance from Rihand- 784.8 Kms, F/D from Dadri- 30.2 Kms. Fault is in NR-1 jurisdiction. Total line length -815.928 Kms NR3 portion-699.395 Kms.
							0.65	0.00	0.00	0.00	15.53	100.00	
VALV E_HAL L	500KV HVDC RIHAND-DADRI POLE-2	LART	28-09-2023	04:49:00	28-09-2023	04:49:00	0.00	0.00	0.00	0.00	0.00		* DC transient occurred at FD from Rihand- 142.6 KM,FD from Dadari- 672.4 KM.Fault is in Mirzapur Jurisdiction.Total line length=815.928km, NR-3 jurisdiction=699.395km

Standard of Performance data for the month of Sept-2023

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

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO IISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
VALV E_HALL	500kV HVDC RIHAND-DADRI POLE-2	LCSD	30-09-2023	08:29:00	30-09-2023	23:59:59	0.65	0.00	0.00	0.00	15.52		* Power line crossing work for under construction of Loop Out CKT of LILO of 765kV Ghatampur-Hapur line at 765/400/220kV GIS SS Rampur
VALV E_HALL	500kV HVDC RIHAND-DADRI POLE-2	LART	28-09-2023	21:58:00	28-09-2023	21:58:00	0.00	0.00	0.00	0.00	0.00		* DC transient occurred at FD from Rihand- 712.7 KM,FD from Dadari- 102.3 KM.Fault is in NR-1 Jurisdiction.Total line length=815.928km, NR-3 jurisdiction=699.395km.
VALV E_HALL	500kV HVDC RIHAND-DADRI POLE-2	LART	19-09-2023	23:39:00	19-09-2023	23:39:00	0.00	0.00	0.00	0.00	0.00		* DC transient fault occurred with following details:- FD=70.5km from Rihand, FD=744.5km from Dadri.
VALV E_HALL	500kV HVDC RIHAND-DADRI POLE-2	LART	06-09-2023	03:12:00	06-09-2023	03:12:00	0.00	0.00	0.00	0.00	0.00		* DC transient occurred . FD-29.9Km from dadri, FD-785.1Km from Rihand . Fault under NR-1 jurisdiction. Total line length -815.928 Kms, NR3 portion-699.395 Kms
VALV E_HALL	250MW,VINDHYACHAL HVDC BTB POLE-1			00:00:00		00:00:00	0.65	0.00	0.00	0.00	15.52	100.00	
VALV E_HALL	250MW,VINDHYACHAL HVDC BTB POLE-2			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 AGRA			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 AGRA			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 AGRA			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 AGRA			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 ALLAHABAD			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 ALLAHABAD			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 ALLAHABAD	OSFT	15-09-2023	12:32:00	15-09-2023	17:06:00	0.19	4.57	0.00	0.00	0.00	99.37	* E/S/D taken to attend hot spot in IV Side B Phase Bushing
XMER	1500MVA,765/400kV ICT-1 AT ALIGARH			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 ALIGARH			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 BALLIA			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 BALLIA			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 BAREILLY 765			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 BAREILLY 765			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 FATEHPUR			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 FATEHPUR			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 FATEHPUR			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 FATEHPUR			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 FATEHPUR			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 GORAKHPUR			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 GORAKHPUR			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 GORAKHPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	105MVA,400/220kV ICT-SPARE AT JAULJIVI			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 JAULJIVI			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 JAULJIVI			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 KANPUR GIS			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 KANPUR GIS	OSPT	26-09-2023	08:39:00	26-09-2023	19:26:00	0.45	10.78	0.00	0.00	0.00	98.50	* S/D taken for AMP works.
XMER	315MVA,400/220kV ICT-1 AT KANPUR			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 KANPUR	OSPT	26-09-2023	09:30:00	26-09-2023	22:02:00	0.52	12.53	0.00	0.00	0.00	98.26	* S/D taken for AMP works.
XMER	500MVA,400/220kV ICT-1 AT LUCKNOW	OSPT	29-09-2023	10:07:00	29-09-2023	21:46:00	0.49	11.65	0.00	0.00	0.00	98.38	* AMP of ICT-1 <(-&-&-> PCC meeting compliance.
XMER	500MVA,400/220kV ICT-2 AT LUCKNOW	OSPT	26-09-2023	10:16:00	26-09-2023	20:26:00	0.42	10.17	0.00	0.00	0.00	98.59	* S/D taken for AMP works.
XMER	1500MVA,765/400kV ICT-1 AT LUCKNOW 765			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 LUCKNOW 765			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 MAINPURI			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 MAINPURI			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 MAINPURI			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 Sept-2023

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

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-1 AT ORAI			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-2 AT ORAI			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	100MVA,220/132kV ICT-2 AT PITHORAGARH			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	100MVA,220/132kV ICT-1 AT PITHORAGARH			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	100MVA,220/132kV ICT-1 AT RAIBAREILLY			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	200MVA,220/132kV ICT-2 AT RAIBAREILLY			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	200MVA,220/132kV ICT-3 AT RAIBAREILLY	OSPD	22-09-2023	09:28:00	22-09-2023	22:02:00	0.52	0.00	0.00	0.00	12.57		* 200MVA ICT-III RAIBAREILLY* 22-09-2023 09:28* 22-09-2023 22:02* OSPT* Shutdown taken for AMP works and implementation of time delay in ICT body protection.
							0.52	0.00	0.00	0.00	12.57	100.00	
XMER	315MVA,400/220kV ICT-1 AT SHAHJAHANPUR			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 SHAHJAHANPUR			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	100MVA,220/132kV ICT-1 AT SITARGANJ			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	100MVA,220/132kV ICT-2 AT SITARGANJ			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	100MVA,220/132kV ICT-3 AT SITARGANJ	OSPT	21-09-2023	09:13:00	21-09-2023	21:25:00	0.51	12.20	0.00	0.00	0.00		* S/D taken for AMP work.
							0.51	12.20	0.00	0.00	0.00	98.31	
XMER	315MVA,400/220kV ICT-1 AT SOHAWAL			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 SOHAWAL			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 SOHAWAL			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 VARANASI			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 VARANASI	OSPT	29-09-2023	09:47:00	29-09-2023	21:03:00	0.47	11.27	0.00	0.00	0.00		* For AMP work of ICT <(>&<)> PRD scheme modification.
							0.47	11.27	0.00	0.00	0.00	98.44	
							265.85	380.33	310.18	21.20	5,666.18	28,047.18	