



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

**Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD. EASTERN REGION-1**

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-2 AT SASARAM	SVRD	01-12-2023	00:00:01	08-12-2023	16:27:00	7.69	0.00	0.00	0.00	184.45	100.00	* HAND TRIPPED FOR VOLTAGE REGULATION AS PER ERLDC INSTRUCTION.
							7.69	0.00	0.00	0.00	184.45	100.00	
CKT	132kV ARA-ARA(BSPTCL)-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	132kVARA-DUMRAON(BSPTCL)-1	OSPD	18-12-2023	10:39:00	18-12-2023	19:41:00	0.38	0.00	0.00	0.00	9.03		* SHUTDOWN TAKEN BY BSPTCL FOR JUMPER TIGHTENING WORK.
CKT	132kVARA-DUMRAON(BSPTCL)-1	OSPD	19-12-2023	09:59:00	19-12-2023	18:20:00	0.35	0.00	0.00	0.00	8.35		* SD AVAILED BY BSPTCL FOR JUMPER TIGHTENING WORK
							0.73	0.00	0.00	0.00	17.38	100.00	
CKT	132kV DEHRI(BSPTCL)-KUDRA(BSPTCL)-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	132kV KUDRA(BSPTCL)-SASARAM-1	OSPD	27-12-2023	12:38:00	27-12-2023	16:21:00	0.16	0.00	0.00	0.00	3.72		* SHUTDOWN TAKEN BY BSPTCL TO AVAIL THE S/D OF 132KV MAIN BUS-1 AT KUDRA END.
CKT	132kV KUDRA(BSPTCL)-SASARAM-1	OMSU	01-12-2023	08:28:00	01-12-2023	21:01:00	0.52	0.00	12.55	0.00	0.00		* S/D TAKEN FOR LBB RELAY RETROFITTING. REPLACEMENT OF ELECTROMECHANICAL RELAY WITH NUMERICAL RELAY FOR PROTECTION SYSTEM PERFORMANCE IMPROVEMENT.
							0.68	0.00	12.55	0.00	3.72	100.00	
CKT	132kV MOHANIA(BSPTCL)-KARMANASHA(BSPTCL)			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	132kV PURNEA-PURNEA(BSEB)-1 (LILO PART)			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	132kV PRN-PRN(BSEB)-2(PRN-DALKHOLA LILO)			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	132kV SASARAM-MOHANIA(BSPTCL)	OSPD	07-12-2023	10:05:00	07-12-2023	18:24:00	0.35	0.00	0.00	0.00	8.32		* FOR WINTER MAINTANANCE BY BSPTCL
							0.35	0.00	0.00	0.00	8.32	100.00	
CKT	220kV ARA-DUMRAON(BSPTCL)-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 ARA-DUMRAON(BSPTCL)-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 ARA-NAUBATPUR(BGCL) CKT-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 ARA-NAUBATPUR(BGCL) CKT-2	OMSU	01-12-2023	09:26:00	01-12-2023	19:10:00	0.41	0.00	9.73	0.00	0.00		* FOR LBB RELAY RETROFITTING
							0.41	0.00	9.73	0.00	0.00	100.00	
CKT	220kV DEHRI(BSPTCL)-SASARAM-1	OSPD	22-12-2023	10:09:00	28-12-2023	12:52:00	6.11	0.00	0.00	0.00	146.72		* SHUTDOWN TAKEN BY BSPTCL FOR CONDUCTOR RE -SAGGING WORK.
							6.11	0.00	0.00	0.00	146.72	100.00	
CKT	220kV GAYA-BODHGAYA(BSPTCL)-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 GAYA-BODHGAYA(BSPTCL)-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 GAYA-DEHRI(BSPTCL)-1(LILO PART.)	OSPD	21-12-2023	14:18:00	21-12-2023	17:55:00	0.15	0.00	0.00	0.00	3.62		* FOR RE SAGGING OF CONDUCTORS FROM LOC NO-265 TO LOC NO 268 BY
CKT	220kV GAYA-DEHRI(BSPTCL)-1(LILO PART.)	OSPD	01-12-2023	00:00:01	10-12-2023	17:38:00	9.74	0.00	0.00	0.00	233.63		* S/D TAKEN BY BSPTCL FOR CONDUCTOR RE-SAGGING WORK
							9.89	0.00	0.00	0.00	237.25	100.00	
CKT	220kV GAYA-DEHRI(BSPTCL)-2(LILO PART.)	OSPD	11-12-2023	09:14:00	21-12-2023	13:34:00	10.18	0.00	0.00	0.00	244.33		* FOR CONDUCTOR RE -SAGGING WORK BY BSPTCL
							10.18	0.00	0.00	0.00	244.33	100.00	
CKT	220kV NAUBATPUR(BGCL) -KHAGAU CT-1	OSPT	22-12-2023	12:06:00	22-12-2023	17:25:00	0.22	5.32	0.00	0.00	0.00		* SHUTDOWN TAKEN FOR LINE BAY AMP WORK AT KHAGAU END BY POWERGRID.
							0.22	5.32	0.00	0.00	0.00	99.29	
CKT	220kV NAUBATPUR(BGCL) -KHAGAU CT-2	OSPT	28-12-2023	10:50:00	28-12-2023	16:22:00	0.23	5.53	0.00	0.00	0.00		* SHUTDOWN TAKEN BY POWERGRID FOR LINE BAY AMP WORK AT KHAGAU END.
							0.23	5.53	0.00	0.00	0.00	99.26	
CKT	220kV NADOKHAR DUMRAON 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	220kV NADOKHAR DUMRAON 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	
CKT	220 kV DALKHOLA-PURNEA -1	LCSD	14-12-2023	09:48:00	31-12-2023	23:59:59	17.59	0.00	0.00	0.00	422.20		* SHUTDOWN TAKEN BY ER-II FOR ADDCAP WORKS AT DALKHOLA END.
							17.59	0.00	0.00	0.00	422.20	100.00	
CKT	220 kV DALKHOLA-PURNEA -2	OMSU	14-12-2023	11:58:00	14-12-2023	14:18:00	0.10	0.00	2.33	0.00	0.00		* TRIPPED DUE TO TRIPPING OF 220KV BUS-I <(>&<) II AT PURNEA
							0.10	0.00	2.33	0.00	0.00	100.00	
CKT	220kV PURNEA-NEW PURNEA-1	LCSD	04-12-2023	09:57:00	05-12-2023	19:47:00	1.41	0.00	0.00	0.00	33.83		* Scada Integration work
CKT	220kV PURNEA-NEW PURNEA-1	OMSU	14-12-2023	11:58:00	14-12-2023	13:41:00	0.07	0.00	1.72	0.00	0.00		* TRIPPED DUE TO TRIPPING OF 220KV BUS-I <(>&<) II AT PURNEA
							1.48	0.00	1.72	0.00	33.83	100.00	
CKT	220kV PURNEA-NEW PURNEA-2	OMSU	14-12-2023	11:58:00	14-12-2023	14:24:00	0.10	0.00	2.43	0.00	0.00		* TRIPPED DUE TO TRIPPING OF 220KV BUS-I <(>&<) II AT PURNEA
CKT	220kV PURNEA-NEW PURNEA-2	LCSD	06-12-2023	09:27:00	07-12-2023	18:19:00	1.37	0.00	0.00	0.00	32.87		* Scada Integration work at Purnea SS
							1.47	0.00	2.43	0.00	32.87	100.00	
CKT	220kV RANCHI-CHANDIL(JUSNL)	OSPD	16-12-2023	11:24:00	16-12-2023	15:12:00	0.16	0.00	0.00	0.00	3.80		* SHUTDOWN TAKEN BY JUSNL TO FACILITATE THE S/D OF 220KV HALF MAIN BUS AT CHANDIL FOR REPLACEMENT OF DAMAGED FEMALE CONTACT <(>&<) PREVENTIVE MAINTENANCE.
							0.16	0.00	0.00	0.00	3.80	100.00	
CKT	220kV RANCHI-HATIA(JSEB)-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 RANCHI-HATIA(JSEB)-1	OSPT	30-12-2023	11:22:00	30-12-2023	17:58:00	0.28	6.60	0.00	0.00	0.00		* SHUTDOWN TAKEN FOR ATTENDING HOT SPOT IN B PH ISOLATOR AT RANCHI.
CKT	220kV RANCHI-HATIA(JSEB)-1	OSPD	09-12-2023	10:30:00	09-12-2023	17:09:00	0.28	0.00	0.00	0.00	6.65		* FOR RECTIFICATION WORK OF A/R RELAY AT HATIA AND MAINTANCE WORK BY JUSNL.
							0.56	6.60	0.00	0.00	6.65	99.11	
CKT	220kV RANCHI-HATIA(JSEB)-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

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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	220kV SASARAM-NADOKHAR(BSPTCL)-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 SASARAM-NADOKHAR(BSPTCL)-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 SASARAM-NEW KARMNASA(BSPTCL)	OMST	01-12-2023	14:10:00	01-12-2023	17:56:00	0.16	3.77	0.00	0.00	0.00	99.49	* TRIPPED DUE TO MALFUNCTION OF PD RELAY AT SASARAM.
							0.16	3.77	0.00	0.00	0.00	99.49	
CKT	400kV BANKA BIHARSARIF-1	LCSD	30-12-2023	08:59:00	30-12-2023	18:08:00	0.38	0.00	0.00	0.00	9.15	100.00	* S/D TAKEN FOR LBB RETROFITTING WORK UNDER ADD-CAP.* 30.12.2023 16:01:53 INDIA (60002866)* AT BIHARSHARIFF SS.
CKT	400kV BANKA BIHARSARIF-1	LART	06-12-2023	14:12:00	06-12-2023	14:12:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFUL FROM BOTH ENDS DUE TO B-N FAULT. BSF(AFAS):M1-FD-70.704KM, FC- 4.75KA, M2-FD-57.71KM, FC-4.767KA, BANKA(AFAS):M1-FD-116.320KM, FC-2.738KA, M2-FD-116.443KM, FC-2.725KA, BSF(DOUBLE END):FD-70.362KM, FC-4.750KA
							0.38	0.00	0.00	0.00	9.15	100.00	
CKT	400kV BANKA BIHARSARIF-2	LCSD	30-12-2023	09:01:00	30-12-2023	18:10:00	0.38	0.00	0.00	0.00	9.15	100.00	* S/D TAKEN FOR LBB RETROFITTING WORK AT BIHARSHARIF SS, UNDER ADD-CAP
							0.38	0.00	0.00	0.00	9.15	100.00	
CKT	400kV BARH(NTPC)-MOTIHARI(DMTCL)-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 BARH(NTPC)-MOTIHARI(DMTCL)-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 BARH(NTPC)-PATNA-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 BARH(NTPC)-PATNA-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 BARH(NTPC)-PATNA-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 BARH(NTPC)-PATNA-4			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	400 kV BIHARSHARIF-BALIA-1	LCSD	28-12-2023	08:44:00	28-12-2023	20:03:00	0.47	0.00	0.00	0.00	11.32	100.00	* SHUTDOWN TAKEN FOR LBB RELAY RETROFITTING WORK IN TIE BAY OF BALIA-I AND NEW PURNEA-II UNDER ADDCAP AT BIHARSHARIF SS.
							0.47	0.00	0.00	0.00	11.32	100.00	
CKT	400 kV BIHARSHARIF-BALIA-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 BIHARSHARIF-MUZAFFARPUR-1	LCSD	23-12-2023	09:21:00	23-12-2023	19:45:00	0.43	0.00	0.00	0.00	10.40	100.00	* SHUTDOWN TAKEN FOR LBB RETROFITTING WORK OF 400KV TIE BAY OF MUZAFFARPUR-I <(>&<)> II AT BIHARSARIFF UNDER ADDCAP.
							0.43	0.00	0.00	0.00	10.40	100.00	
CKT	400kV BIHARSHARIF-MUZAFFARPUR-2	OSPT	06-12-2023	10:42:00	06-12-2023	19:00:00	0.35	8.30	0.00	0.00	0.00	98.88	* Insulator cleaning work
CKT	400kV BIHARSHARIF-MUZAFFARPUR-2	LCSD	23-12-2023	09:21:00	23-12-2023	19:45:00	0.43	0.00	0.00	0.00	10.40	100.00	* SHUTDOWN TAKEN FOR LBB RETROFITTING WORK OF 400KV TIE BAY OF MUZAFFARPUR-I <(>&<)> II AT BIHARSARIFF UNDER ADDCAP.
							0.78	8.30	0.00	0.00	10.40	98.88	
CKT	400kV BIHARSHARIF-SASARAM-1	OSPT	22-12-2023	07:45:00	22-12-2023	20:45:00	0.54	13.00	0.00	0.00	0.00	94.89	* SHUTDOWN TAKEN FOR INSULATOR CLEANING WORK.
CKT	400kV BIHARSHARIF-SASARAM-1	OSPT	20-12-2023	07:45:00	20-12-2023	20:04:00	0.51	12.32	0.00	0.00	0.00	94.89	* SHUTDOWN TAKEN FOR INSULATOR CLEANING WORK
CKT	400kV BIHARSHARIF-SASARAM-1	OSPT	18-12-2023	07:35:00	18-12-2023	20:18:00	0.53	12.72	0.00	0.00	0.00	94.89	* SHUTDOWN TAKEN FOR INSULATOR CLEANING WORK.
							1.58	38.04	0.00	0.00	0.00	94.89	
CKT	400kV BIHARSHARIF-SASARAM-2	OSPT	21-12-2023	07:41:00	21-12-2023	19:29:00	0.49	11.80	0.00	0.00	0.00	95.13	* SHUTDOWN TAKEN FOR INSULATOR CLEANING WORK.
CKT	400kV BIHARSHARIF-SASARAM-2	OSPT	19-12-2023	07:53:00	19-12-2023	20:35:00	0.53	12.70	0.00	0.00	0.00	95.13	* SHUTDOWN TAKEN FOR INSULATOR CLEANING WORK
CKT	400kV BIHARSHARIF-SASARAM-2	OSPT	17-12-2023	07:50:00	17-12-2023	19:36:00	0.49	11.77	0.00	0.00	0.00	95.13	* SHUTDOWN TAKEN FOR INSULATOR CLEANING FOR WINTER PREPAREDNESS
							1.51	36.27	0.00	0.00	0.00	95.13	
CKT	400kV BIHARSHARIF-VARANASI-1	OMSU	13-12-2023	08:07:00	13-12-2023	20:23:00	0.51	0.00	12.27	0.00	0.00	100.00	* SD TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR TO AVOID UNWANTED TRIPPING IN WINTER.
CKT	400kV BIHARSHARIF-VARANASI-1	OMSU	11-12-2023	08:58:00	11-12-2023	20:20:00	0.47	0.00	11.37	0.00	0.00	100.00	* FOR REPLACEMENT OF 120KN POLYMER INSULATOR FROM LOC 11-174.
CKT	400kV BIHARSHARIF-VARANASI-1	OMSU	09-12-2023	09:06:00	09-12-2023	19:12:00	0.42	0.00	10.10	0.00	0.00	100.00	* FOR REPLACEMENT OF 120KN POLYMER INSULATOR FROM LOC 11-174
CKT	400kV BIHARSHARIF-VARANASI-1	OMSU	15-12-2023	08:22:00	15-12-2023	20:54:00	0.52	0.00	12.53	0.00	0.00	100.00	* S/D TAKEN FOR REPLACEMENT OF 120KN POLYMER INSULATOR B/W LOC-11-174.
CKT	400kV BIHARSHARIF-VARANASI-1	OMSU	17-12-2023	09:48:00	17-12-2023	20:31:00	0.45	0.00	10.72	0.00	0.00	100.00	* SD TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR TO AVOID UNWANTED TRIPPING IN WINTER.
							2.37	0.00	56.99	0.00	0.00	100.00	
CKT	400kV BIHARSHARIF-VARANASI-2	OMSU	12-12-2023	08:33:00	12-12-2023	22:49:00	0.59	0.00	14.27	0.00	0.00	100.00	* FOR REPLACEMENT OF POLYMER INSULATOR
CKT	400kV BIHARSHARIF-VARANASI-2	OMSU	14-12-2023	08:11:00	14-12-2023	20:39:00	0.52	0.00	12.47	0.00	0.00	100.00	* SD TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR TO AVOID UNWANTED TRIPPING IN WINTER.
CKT	400kV BIHARSHARIF-VARANASI-2	OMSU	10-12-2023	07:59:00	10-12-2023	19:14:00	0.47	0.00	11.25	0.00	0.00	100.00	* FOR REPLACEMENT OF 120KN POLYMER INSULATOR FROM LOC 11-174.
CKT	400kV BIHARSHARIF-VARANASI-2	OMSU	08-12-2023	08:54:00	08-12-2023	20:24:00	0.48	0.00	11.50	0.00	0.00	100.00	* REPLACEMENT OF 120KN POLYMER INSULATOR B/W LOC 11-174
CKT	400kV BIHARSHARIF-VARANASI-2	OMSU	16-12-2023	08:40:00	16-12-2023	20:42:00	0.50	0.00	12.03	0.00	0.00	100.00	* SD TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR TO AVOID UNWANTED TRIPPING IN WINTER.
							2.56	0.00	61.52	0.00	0.00	100.00	
CKT	400 kV CHAIBASA-ROURKELA-1	OMSU	14-12-2023	09:22:00	14-12-2023	21:08:00	0.49	0.00	11.77	0.00	0.00	100.00	* SHUTDOWN TAKEN FOR REPLACEMENT OF DOUBLE TENSION PORCELAIN INSULATOR TO POLYMER INSULATOR IN MAJOR CROSSING.
							0.49	0.00	11.77	0.00	0.00	100.00	
CKT	400 kV CHAIBASA-ROURKELA-2	OMSU	15-12-2023	08:43:00	15-12-2023	21:10:00	0.52	0.00	12.45	0.00	0.00	100.00	* S/D TAKEN FOR REPLACEMENT OF DOUBLE TENSION PORCELAIN INSULATOR TO POLYMER INSULATOR AT MAJOR CROSSING
							0.52	0.00	12.45	0.00	0.00	100.00	
CKT	400kV CHANDAUTI NABINAGAR 1	OSFD	29-12-2023	09:26:00	29-12-2023	21:12:00	0.49	0.00	0.00	0.00	11.77	100.00	* EMERGENCY SHUTDOWN TAKEN BY NABINAGAR FOR LA REPLACEMENT WORK

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

**Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD. EASTERN REGION-1**

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUT ABLE TO ISTS Licensee	OUTAGE ATTRIBUT ABLE To Others	OUTAGE ATTRIBUT ABLE To System Constraint	OUTAGE ATTRIBUT ABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV CHANDAUTI NABINAGAR 2			00:00:00		00:00:00	0.49	0.00	0.00	0.00	11.77	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV CHANDWA-GAYA-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 CHANDWA-GAYA-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 DHANBAD- MAITHON RB 1(MRB LILO)			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 DHANBAD- MAITHON RB 2(MRB LILO)			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 GAYA CHANDAUTI-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 GAYA CHANDAUTI-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 GAYA MAITHON-1	OMSU	13-12-2023	12:47:00	13-12-2023	16:40:00	0.16	0.00	3.88	0.00	0.00		* TRIPPED DUE TO R-Y FAULT. FD-220.9KM FROM GAYA AND FC-FC-IR-2.95KA, IY-2.978KA.KITE WITH TAIL AND FOREIGN BURNT MATERIALS HAVE BEEN FOUND ON MIDDLE PHASE OF CKT -1 SIDE, BETWEEN SECTION 178-179
CKT	400kV GAYA MAITHON-1	OSPT	04-12-2023	09:35:00	04-12-2023	20:04:00	0.44	10.48	0.00	0.00	0.00		* Insulator cleaning work at Major crossing
CKT	400kV GAYA MAITHON-1	LCSD	08-12-2023	09:18:00	09-12-2023	01:33:00	0.68	0.00	0.00	0.00	16.25		* FOR TIE BAY LBB RELAY RETROFITTING AT MAITHON UNDER ERSS-XXIII
							1.28	10.48	3.88	0.00	16.25	98.58	
CKT	400kV GAYA MAITHON-2	LCSD	28-12-2023	08:35:00	29-12-2023	00:54:00	0.68	0.00	0.00	0.00	16.32		* SHUTDOWN TAKEN FOR LBB RELAY RETROFITTING AT MAITHON END BY ER-2 UNDER ERSS-XXIII.
CKT	400kV GAYA MAITHON-2	OSPT	05-12-2023	09:24:00	05-12-2023	21:21:00	0.50	11.95	0.00	0.00	0.00		* Insulator Cleaning work
							1.18	11.95	0.00	0.00	16.32	98.39	
CKT	400 kV TATA DVC-BARIPADA-1	OSPD	06-12-2023	09:25:00	06-12-2023	19:33:00	0.42	0.00	0.00	0.00	10.13		* Maintenance work by DVC
CKT	400 kV TATA DVC-BARIPADA-1	OSPD	05-12-2023	11:03:00	05-12-2023	18:35:00	0.31	0.00	0.00	0.00	7.53		* Maintenance work by DVC
CKT	400 kV TATA DVC-BARIPADA-1	OSPD	08-12-2023	09:26:00	08-12-2023	18:20:00	0.37	0.00	0.00	0.00	8.90		* Maintenance work by DVC
							1.10	0.00	0.00	0.00	26.56	100.00	
CKT	400kV JAMSHEDPUR-BARIPADA-2	OMSU	13-12-2023	08:32:00	13-12-2023	19:14:00	0.45	0.00	10.70	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF DISC INSULATOR BY POLYMER INSULATOR IDENTIFIED BY SPECIAL PATROLLING TEAM.
							0.45	0.00	10.70	0.00	0.00	100.00	
CKT	400 kV JAMSHEDPUR-CHAIBASA-1	OMSU	11-12-2023	10:05:00	11-12-2023	19:17:00	0.38	0.00	9.20	0.00	0.00		* FOR REPLACEMENT OF DOUBLE TENSION PORCELAIN INSULATOR TO POLYMER INSULATOR IN MAJOR CROSSING
							0.38	0.00	9.20	0.00	0.00	100.00	
CKT	400 kV JAMSHEDPUR-CHAIBASA-2	OMSU	12-12-2023	09:28:00	12-12-2023	22:17:00	0.53	0.00	12.82	0.00	0.00		* FOR REPLACEMENT OF DOUBLE TENSION PORCELAIN INSULATOR TO POLYMER INSULATOR IN MAJOR CROSSING.
							0.53	0.00	12.82	0.00	0.00	100.00	
CKT	400 kV JAMSHEDPUR-TATA DVC-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	400 KV JAKKANPUR NABINAGAR-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	400 KV JAKKANPUR NABINAGAR-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 KAHALGAON(NTPC)-BANKA-1	OMSU	09-12-2023	08:57:00	09-12-2023	18:33:00	0.40	0.00	9.60	0.00	0.00		* Insulator replacement Work at Major Crossing
CKT	400kV KAHALGAON(NTPC)-BANKA-1	OMSU	07-12-2023	08:24:00	07-12-2023	15:04:00	0.28	0.00	6.67	0.00	0.00		* FOR INSULATOR REPLACEMENT AT MAJOR CROSSING
CKT	400kV KAHALGAON(NTPC)-BANKA-1	OMSU	08-12-2023	09:01:00	08-12-2023	18:53:00	0.41	0.00	9.87	0.00	0.00		* FOR INSULATOR REPLACEMENT AT MAJOR CROSSINGS
							1.09	0.00	26.14	0.00	0.00	100.00	
CKT	400kV KAHALGAON(NTPC)-BANKA-2	OMSU	10-12-2023	09:59:00	10-12-2023	19:10:00	0.38	0.00	9.18	0.00	0.00		* FOR INSULATOR REPLACEMENT AT MAJOR CROSSING
CKT	400kV KAHALGAON(NTPC)-BANKA-2	OMSU	11-12-2023	10:36:00	11-12-2023	19:33:00	0.37	0.00	8.95	0.00	0.00		* INSULATOR REPLACEMENT AT MAJOR CROSSING
CKT	400kV KAHALGAON(NTPC)-BANKA-2	OMSU	16-12-2023	08:50:00	16-12-2023	19:32:00	0.45	0.00	10.70	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT MAJOR CROSSING LOCATIONS.
							1.20	0.00	28.83	0.00	0.00	100.00	
CKT	400kV KAHALGAON(NTPC)-BARH(NTPC)-1	OSPD	01-12-2023	00:00:01	25-12-2023	11:48:00	24.49	0.00	0.00	0.00	587.80		* SHUTDOWN TAKEN BY NTPC KAHALGAON FOR UPGRADATION OF BAY EQUIPMENTS.
							24.49	0.00	0.00	0.00	587.80	100.00	
CKT	400kV KAHALGAON(NTPC)-BARH(NTPC)-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 FARAKKA(NTPC)-KAHALGAON(NTPC)-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 FARAKKA(NTPC)-KAHALGAON(NTPC)-2	OMSU	23-12-2023	14:01:00	23-12-2023	20:03:00	0.25	0.00	6.03	0.00	0.00		* SHUTDOWN TAKEN FOR BALANCE PORCELAIN INSULATOR REPLACEMENT WITH POLYMER AT MAJOR CROSSING (LOC NO. 171).
							0.25	0.00	6.03	0.00	0.00	100.00	
CKT	400kV KAHALGAON(NTPC)-LAKHISARAI-1	OSPT	02-12-2023	10:58:00	02-12-2023	20:24:00	0.39	9.43	0.00	0.00	0.00		* SHUTDOWN TAKEN FOR RECTIFICATION OF HOT SPOT IN Y-PH LINE ISOLATOR AT LAKHISARAI END.
							0.39	9.43	0.00	0.00	0.00	98.73	
CKT	400kV KAHALGAON(NTPC)-LAKHISARAI-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 KAHALGAON(NTPC)-MAITHON-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 KAHALGAON(NTPC)-MAITHON-2	LCSD	08-12-2023	09:15:00	09-12-2023	01:48:00	0.69	0.00	0.00	0.00	16.55		* FOR TIE BAY LBB RELAY RETROFITTING AT MAITHON UNDER ERSS-XXIII



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

**Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD. EASTERN REGION-1**

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 PATNA-JAKKANPUR CKT-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 PATNA-JAKKANPUR CKT-2	OSPT	14-12-2023	11:54:00	14-12-2023	14:49:00	0.12	2.92	0.00	0.00	0.00		* SHUTDOWN TAKEN TO ATTEND HOT SPOT OBSERVED IN 408 BAY ISOLATOR 89A TERMINAL PAD DURING SHUT DOWN OF 400 KV BUS 1 ,WHEN CB 407 MAIN BAY JAKKANPUR CKT-2 SWICH OFF.
							0.12	2.92	0.00	0.00	0.00	99.61	
CKT	400kV PATNA-NAUBATPUR CKT-1	OSFD	02-12-2023	07:44:00	02-12-2023	13:48:00	0.25	0.00	0.00	0.00	6.07		* EMERGENCY SHUTDOWN TAKEN BY BSPTCL TO ATTEND HOT SPOT IN Y-PH WAVE TRAP AT NAUBATPUR.
							0.25	0.00	0.00	0.00	6.07	100.00	
CKT	400kV PATNA-NAUBATPUR CKT-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV PATNA-SAHARSA-1	OMSU	28-12-2023	08:10:00	28-12-2023	21:08:00	0.54	0.00	12.97	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR WITH POLYMER INSULATOR STRING AT MAJOR CROSSING.
CKT	400kV PATNA-SAHARSA-1	OMSU	29-12-2023	08:01:00	29-12-2023	19:30:00	0.48	0.00	11.48	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT MAJOR CROSSING LOCATIONS.
CKT	400kV PATNA-SAHARSA-1	OMSU	26-12-2023	09:14:00	26-12-2023	20:36:00	0.47	0.00	11.37	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PROCELAIN INSULATOR WITH POLYMER AT MAJOR LOCATION.
CKT	400kV PATNA-SAHARSA-1	OMSU	27-12-2023	10:18:00	27-12-2023	20:34:00	0.43	0.00	10.27	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR WITH POLYMER AT MAJOR LOCATION.
							1.92	0.00	46.09	0.00	0.00	100.00	
CKT	400kV PATNA-SAHARSA-2	OMSU	30-12-2023	07:56:00	30-12-2023	19:54:00	0.50	0.00	11.97	0.00	0.00		* S/D FOR REPLACEMENT OF PROCELAIN INSULATOR WITH POLYMER AT MAJOR CROSSING LOCATION.
CKT	400kV PATNA-SAHARSA-2	OMSU	31-12-2023	08:12:00	31-12-2023	19:22:00	0.47	0.00	11.17	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT MAJOR CROSSING LOCATIONS.
							0.97	0.00	23.14	0.00	0.00	100.00	
CKT	400kV RANCHI-DHANBAD-1(MRB LILO)	OMSU	20-12-2023	07:56:00	20-12-2023	19:14:00	0.47	0.00	11.30	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT MAJOR CROSSING LOCATIONS.
CKT	400kV RANCHI-DHANBAD-1(MRB LILO)	OMSU	22-12-2023	08:15:00	22-12-2023	19:33:00	0.47	0.00	11.30	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT MAJOR CROSSING LOCATIONS.
CKT	400kV RANCHI-DHANBAD-1(MRB LILO)	OMSU	19-12-2023	09:03:00	19-12-2023	19:54:00	0.45	0.00	10.85	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT MAJOR CROSSING LOCATIONS.
CKT	400kV RANCHI-DHANBAD-1(MRB LILO)	OMSU	21-12-2023	07:56:00	21-12-2023	19:49:00	0.50	0.00	11.88	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT MAJOR CROSSING LOCATIONS.
							1.89	0.00	45.33	0.00	0.00	100.00	
CKT	400kV RANCHI-DHANBAD-2(MRB LILO)	OMSU	17-12-2023	09:05:00	17-12-2023	18:36:00	0.40	0.00	9.52	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER AT MAJOR CROSSING
CKT	400kV RANCHI-DHANBAD-2(MRB LILO)	OMSU	15-12-2023	08:13:00	15-12-2023	20:03:00	0.49	0.00	11.83	0.00	0.00		* S/D TAKEN FOR INSULATOR REPLACEMENT WORK
CKT	400kV RANCHI-DHANBAD-2(MRB LILO)	OMSU	16-12-2023	08:44:00	16-12-2023	19:48:00	0.46	0.00	11.07	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT MAJOR CROSSING LOCATIONS.
CKT	400kV RANCHI-DHANBAD-2(MRB LILO)	OMSU	18-12-2023	09:04:00	18-12-2023	19:29:00	0.43	0.00	10.42	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT MAJOR CROSSING LOCATIONS.
							1.78	0.00	42.84	0.00	0.00	100.00	
CKT	400kV RANCHI-MAITHON-1	OMSU	23-12-2023	08:39:00	23-12-2023	19:36:00	0.46	0.00	10.95	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER AT MAJOR LOCATIONS.
CKT	400kV RANCHI-MAITHON-1	OMSU	24-12-2023	08:08:00	24-12-2023	19:12:00	0.46	0.00	11.07	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY WITH POLYMER INSULATOR.
							0.92	0.00	22.02	0.00	0.00	100.00	
CKT	400kV RANCHI-RAGHUNATHPUR(DVC)-1	OMSU	27-12-2023	08:18:00	27-12-2023	18:50:00	0.44	0.00	10.53	0.00	0.00		* SHUTDOWN TAKEN FOR INSULATOR REPLACEMENT WITH POLYMER INSULATOR AT MAJOR LOCATIONS.
CKT	400kV RANCHI-RAGHUNATHPUR(DVC)-1	OSPD	23-12-2023	09:32:00	23-12-2023	19:32:00	0.42	0.00	0.00	0.00	10.00		* SHUTDOWN TAKEN BY DVC FOR CHECKING OF TIGHTNESS OF JUMPERS AT ALL TENSION LOCATIONS.
CKT	400kV RANCHI-RAGHUNATHPUR(DVC)-1	OMSU	26-12-2023	11:21:00	26-12-2023	20:14:00	0.37	0.00	8.88	0.00	0.00		* SHUTDOWN TAKEN FOR INSULATOR REPLACEMENT WITH POLYMER INSULATOR AT MAJOR LOCATIONS
							1.23	0.00	19.41	0.00	10.00	100.00	
CKT	400kV RANCHI-NEW RANCHI-1	OMSU	14-12-2023	08:23:00	14-12-2023	20:07:00	0.49	0.00	11.73	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT MAJOR CROSSING LOCATIONS.
CKT	400kV RANCHI-NEW RANCHI-1	OMSU	12-12-2023	07:54:00	12-12-2023	18:30:00	0.44	0.00	10.60	0.00	0.00		* FOR REPLACEMENT OF PORCELAIN INSULATOR BY CLR AT MAJOR CROSSING LOCATIONS
CKT	400kV RANCHI-NEW RANCHI-1	OMSU	04-12-2023	08:56:00	04-12-2023	18:50:00	0.41	0.00	9.90	0.00	0.00		* Insulator replacement Work at Multickt tower
CKT	400kV RANCHI-NEW RANCHI-1	OMSU	13-12-2023	07:48:00	13-12-2023	20:29:00	0.53	0.00	12.68	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT MAJOR CROSSING LOCATIONS
CKT	400kV RANCHI-NEW RANCHI-1	OMSU	15-12-2023	07:29:00	15-12-2023	19:14:00	0.49	0.00	11.75	0.00	0.00		* REPLACEMENT OF PORCELAIN INSULATOR BY CLR AT MAJOR CROSSINGS
							2.36	0.00	56.66	0.00	0.00	100.00	
CKT	400kV RANCHI-NEW RANCHI-2	OMSU	09-12-2023	09:14:00	10-12-2023	00:29:00	0.64	0.00	15.25	0.00	0.00		* FOR REPLACEMENT OF PORCELAIN INSULATOR BY CLR AT MAJOR CROSSING LOCATIONS
CKT	400kV RANCHI-NEW RANCHI-2	OMSU	11-12-2023	08:54:00	11-12-2023	18:31:00	0.40	0.00	9.62	0.00	0.00		* FOR REPLACEMENT OF PORCELAIN INSULATOR BY CLR AT MAJOR CROSSING LOCATIONS
CKT	400kV RANCHI-NEW RANCHI-2	OMSU	10-12-2023	09:12:00	10-12-2023	19:38:00	0.44	0.00	10.43	0.00	0.00		* FOR REPLACEMENT OF PORCELAIN INSULATOR BY CLR AT MAJOR CROSSING LOCATIONS
CKT	400kV RANCHI-NEW RANCHI-2	OMSU	08-12-2023	07:59:00	08-12-2023	19:20:00	0.47	0.00	11.35	0.00	0.00		* Insulator replacement Work at MAjor Crossing.
							1.95	0.00	46.65	0.00	0.00	100.00	

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**Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD. EASTERN REGION-1**

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUT ABLE TO ISTS Licensee	OUTAGE ATTRIBUT ABLE To Others	OUTAGE ATTRIBUT ABLE To System Constraint	OUTAGE ATTRIBUT ABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV RANCHI-NEW RANCHI-3	OMSU	03-12-2023	08:19:00	03-12-2023	18:54:00	0.44	0.00	10.58	0.00	0.00		* FOR REPLACEMENT OF PORCELAIN INSULATOR WITH POLYMER AT MAJOR CROSSING
CKT	400kV RANCHI-NEW RANCHI-3	OMSU	01-12-2023	10:39:00	01-12-2023	18:38:00	0.33	0.00	7.98	0.00	0.00		* FOR REPLACEMENT OF PORCELAIN INSULATOR WITH POLYMER AT MAJOR CROSSINGS
CKT	400kV RANCHI-NEW RANCHI-3	OMSU	15-12-2023	07:32:00	15-12-2023	19:15:00	0.49	0.00	11.72	0.00	0.00		* S/D TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY CLR AT MAJOR CROSSING LOCATIONS
CKT	400kV RANCHI-NEW RANCHI-3	OMSU	22-12-2023	08:08:00	22-12-2023	19:18:00	0.47	0.00	11.17	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT MAJOR CROSSING LOCATIONS.
CKT	400kV RANCHI-NEW RANCHI-3	OMSU	21-12-2023	07:52:00	21-12-2023	19:44:00	0.49	0.00	11.87	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT MAJOR CROSSING LOCATIONS.
CKT	400kV RANCHI-NEW RANCHI-3	OMSU	04-12-2023	08:58:00	04-12-2023	18:51:00	0.41	0.00	9.88	0.00	0.00		* Insulator replacement at multickt tower location
CKT	400kV RANCHI-NEW RANCHI-3	OMSU	02-12-2023	09:01:00	02-12-2023	18:22:00	0.39	0.00	9.35	0.00	0.00		* FOR REPLACEMENT OF PORCELAIN INSULATOR WITH POLYMER AT MAJOR CROSSING
							3.02	0.00	72.55	0.00	0.00	100.00	
CKT	400kV RANCHI-NEW RANCHI 4	OMSU	19-12-2023	07:48:00	19-12-2023	19:36:00	0.49	0.00	11.80	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT MAJOR CROSSING LOCATIONS.
CKT	400kV RANCHI-NEW RANCHI 4	OMSU	16-12-2023	07:37:00	16-12-2023	19:14:00	0.48	0.00	11.62	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT MAJOR CROSSING LOCATIONS.
CKT	400kV RANCHI-NEW RANCHI 4	OMSU	08-12-2023	08:00:00	08-12-2023	19:21:00	0.47	0.00	11.35	0.00	0.00		* Insulator replacement Work at Major Crossing
CKT	400kV RANCHI-NEW RANCHI 4	OMSU	05-12-2023	08:01:00	05-12-2023	19:56:00	0.50	0.00	11.92	0.00	0.00		* Insulator Replacement Work at Major Crossing
CKT	400kV RANCHI-NEW RANCHI 4	OMSU	20-12-2023	07:30:00	20-12-2023	20:41:00	0.55	0.00	13.18	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN INSULATOR BY POLYMER INSULATOR AT MAJOR CROSSING LOCATIONS.
CKT	400kV RANCHI-NEW RANCHI 4	OMSU	17-12-2023	07:43:00	17-12-2023	19:04:00	0.47	0.00	11.35	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF PORCELAIN DISC INSULATOR BY POLYMER AT MAJOR CROSSINGS
							2.96	0.00	71.22	0.00	0.00	100.00	
CKT	400kV RANCHI-ROURKELA-1	OSPT	19-12-2023	08:46:00	19-12-2023	21:43:00	0.54	12.95	0.00	0.00	0.00		* SHUTDOWN TAKEN FOR INSULATOR CLEANING WORK.
CKT	400kV RANCHI-ROURKELA-1	OSPT	22-12-2023	09:02:00	22-12-2023	21:38:00	0.53	12.60	0.00	0.00	0.00		* SHUTDOWN TAKEN FOR INSULATOR CLEANING WORK.
							1.07	25.55	0.00	0.00	0.00	96.57	
CKT	400kV RANCHI-ROURKELA-2	OSPT	20-12-2023	08:27:00	20-12-2023	20:34:00	0.51	12.12	0.00	0.00	0.00		* SHUTDOWN TAKEN FOR INSULATOR CLEANING WORK.
CKT	400kV RANCHI-ROURKELA-2	OSPT	21-12-2023	09:25:00	21-12-2023	23:38:00	0.59	14.22	0.00	0.00	0.00		* SHUTDOWN TAKEN FOR INSULATOR CLEANING WORK.
							1.10	26.34	0.00	0.00	0.00	96.46	
CKT	400kV RAGHUNATHPUR(DVC)-MAITHON-1	OSPD	20-12-2023	09:31:00	20-12-2023	17:52:00	0.35	0.00	0.00	0.00	8.35		* SHUTDOWN TAKEN BY DVC FOR CHECKING OF TIGHTNESS OF JUMPERS AT ALL TENSION LOCATIONS.
							0.35	0.00	0.00	0.00	8.35	100.00	
CKT	400kV NEW RANCHI-CHANDWA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV NEW RANCHI-CHANDWA-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 SASARAM-ALLAHABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV DALTONGANJ- SASARAM-1	OSPT	05-12-2023	12:22:00	05-12-2023	19:03:00	0.28	6.68	0.00	0.00	0.00		* FOR ATTENDING HOTSPOT IN LINE ISOLATOR AT DALTONGANJ
CKT	400kV DALTONGANJ- SASARAM-1	OSPT	26-12-2023	06:40:00	26-12-2023	19:27:00	0.53	12.78	0.00	0.00	0.00		* SHUTDOWN TAKEN FOR INSULATOR CLEANING.
CKT	400kV DALTONGANJ- SASARAM-1	OSPT	23-12-2023	21:53:00	23-12-2023	22:32:00	0.03	0.65	0.00	0.00	0.00		* SHUTDOWN TAKEN FOR REPLACEMENT OF 86A RELAY AT SASARAM END.
CKT	400kV DALTONGANJ- SASARAM-1	OSPT	23-12-2023	07:07:00	23-12-2023	19:14:00	0.51	12.12	0.00	0.00	0.00		* SHUTDOWN TAKEN FOR INSULATOR CLEANING.
							1.35	32.23	0.00	0.00	0.00	95.67	
CKT	400kV DALTONGANJ-SASARAM-2	OSPT	24-12-2023	07:26:00	24-12-2023	19:02:00	0.48	11.60	0.00	0.00	0.00		* SHUTDOWN TAKEN FOR INSUALTOR CLEANING WORK FOR WINTER PREPAREDNESS
CKT	400kV DALTONGANJ-SASARAM-2	OSPT	25-12-2023	21:41:00	25-12-2023	22:29:00	0.03	0.80	0.00	0.00	0.00		* SHUTDOWN TAKEN FOR CHECKING OF VT CIRCUIT AND REPLACEMENT OF VOLTAGE SELECTION RELAY (75C) AT DALTANGANJ.
CKT	400kV DALTONGANJ-SASARAM-2	OSPT	25-12-2023	07:07:00	25-12-2023	18:28:00	0.47	11.35	0.00	0.00	0.00		* SHUTDOWN TAKEN FOR INSULATOR CLEANING.
							0.98	23.75	0.00	0.00	0.00	96.81	
CKT	400kV SAHARSA-DARBHANGA-1(LILO PORTION)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SAHARSA-DARBHANGA-2(LILO PORTION)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV SITAMARHI DHALKEBAR 1 (INDIA PORTI)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV SITAMARHI DHALKEBAR2 (INDIA PORTIO)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SASARAM-VARANASI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV GAYA-BALIA	OMSU	10-12-2023	11:31:00	10-12-2023	13:22:00	0.08	0.00	1.85	0.00	0.00		* TRIPPED ON Y-B FAULT.* BALIA(AFAS): M1-FD-38.602KM, FC-10.54KA, M2-FD-37.636KM, FC-10.487KA* GAYA(SITE):M1-FD-FC-IY-4.58KA, IB-4.08KA. FD-195.3KM* 29.12.2023 11:11:12 INDIA (60020986)* BETWEEN LOCATION-495-496 DURING PATROLLING. CHINESE MANJHA THREAD FOUND.
							0.08	0.00	1.85	0.00	0.00	100.00	
CKT	765kV GAYA-VARANASI-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	765kV GAYA-VARANASI-2	LCSD	20-12-2023	12:09:00	20-12-2023	20:27:00	0.35	0.00	0.00	0.00	8.30		* SHUTDOWN TAKEN BY NR-3 FOR REMOVAL OF HANGING PP ROPE TO AVOID ANY UNWANTED TRIPPING DUE TO BAD WEATHER WHICH WAS USED IN OPGW INTALLATION WORK.



Standard of Performance data for the month of Dec-2023

Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD. EASTERN REGION-1

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 DHARAMJAYGARH-2 AT N.RAN			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	
LNR	240MVAR,SWLR OF MEDNIPUR-1 AT N.RANCHI			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	
LNR	240MVAR,SWLR OF MEDNIPUR-2 AT N.RANCHI			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	
LNR	50MVAR,SWLR OF VARANASI-1 AT SASARAM			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	
LNR	HVDC- PUSAULI SWITCHABLE LINE REACTOR			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	
LNR	330MVAR,SWLR OF FATEHPUR AT SASARAM			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	
LNR	63MVAR,SWLR OF ALLAHABAD AT SASARAM			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	
LNR	PUSAULI SARNATH_LINE_REACTOR_CWL39			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	
LNR	63MVAR,SWLR OF BIHARSHARIFF-1 AT SASARAM			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	
LNR	63MVAR,SWLR OF BIHARSHARIFF-2 AT SASARAM			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	
STATCOM	-200/+200 MVAR STATCOM AT KISHENGANJ			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	
STATCOM	-300/+300 MVAR STATCOM AT RANCHI 765			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	
VALVE_HALL	HVDC BTB SASARAM			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 ARA			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 ARA	OSPT	12-12-2023	09:12:00	13-12-2023	16:49:00	1.32	31.62	0.00	0.00	0.00	95.75	* FOR ATTENDING HOTSPOT IN NEUTRAL BUSHING
							1.32	31.62	0.00	0.00	0.00	95.75	
XMER	160MVA,220/132KV ICT-3 AT ARA	OSPT	19-12-2023	08:52:00	19-12-2023	21:46:00	0.54	12.90	0.00	0.00	0.00	98.27	* SHUTDOWN TAKEN FOR AMP WORK.
							0.54	12.90	0.00	0.00	0.00	98.27	
XMER	200MVA,400/132KV ICT-1 AT BANKA			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,400/132KV ICT-2 AT BANKA			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,400/132KV ICT-3 AT BANKA			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 BIHARSHARIFF			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 BIHARSHARIFF	SCSD	27-12-2023	09:25:00	27-12-2023	18:27:00	0.38	0.00	0.00	0.00	9.03	100.00	* SHUTDOWN TAKEN FOR LBB RELAY RETROFITTING WORK UNDER ADDCAP.
							0.38	0.00	0.00	0.00	9.03	100.00	
XMER	315MVA,400/220KV ICT-3 AT BIHARSHARIFF			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 BIHARSHARIFF	SCSD	29-12-2023	08:47:00	29-12-2023	18:34:00	0.41	0.00	0.00	0.00	9.78	100.00	* SHUTDOWN TAKEN FOR LBB RELAY RETROFITTING WORK IN 400KV TIE BAY OF ICT-4 AND KODERMA-II AT BIHARSHARIF UNDER ADDCAP.
							0.41	0.00	0.00	0.00	9.78	100.00	
XMER	315MVA,400/220KV ICT-1 AT CHAIBASA	OSPT	26-12-2023	09:50:00	26-12-2023	20:00:00	0.42	10.17	0.00	0.00	0.00	82.01	* SHUTDOWN TAKEN FOR AMP WORK.
							0.42	10.17	0.00	0.00	0.00	82.01	
XMER	315MVA,400/220KV ICT-1 AT CHAIBASA	OSPT	26-12-2023	20:00:00	31-12-2023	23:42:00	5.15	123.70	0.00	0.00	0.00	100.00	* KEPT OPEN FOR REPLACEMENT OF HV SIDE R-PH BUSHING DUE TO VIOLATION OF TAN DELTA RESULT DURING AMP WORK TO AVOID ANY FAILURE .
							5.15	123.70	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220KV ICT-2 AT CHAIBASA			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	160MVA,220/132KV ICT-1 AT DALANGANJ	OSPT	29-12-2023	10:32:00	29-12-2023	16:22:00	0.24	5.83	0.00	0.00	0.00	99.22	* SHUTDOWN TAKEN FOR AMP WORK.
							0.24	5.83	0.00	0.00	0.00	99.22	
XMER	160MVA,220/132KV ICT-2 AT DALANGANJ			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 DALANGANJ			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 DALANGANJ	OSPT	23-12-2023	10:13:00	23-12-2023	18:42:00	0.35	8.48	0.00	0.00	0.00	98.86	* SHUTDOWN TAKEN FOR AMP WORK
							0.35	8.48	0.00	0.00	0.00	98.86	
XMER	500MVA,400/220KV ICT-1 AT GAYA	OMSU	01-12-2023	00:00:01	12-12-2023	00:30:00	11.02	0.00	264.50	0.00	0.00	100.00	* FOR INTERNAL INSPECTION <-&-> OLTC OVERHAULING DUE TO MULTIPLE FAULT FEEDING FROM STATE FEEDER.
							11.02	0.00	264.50	0.00	0.00	100.00	
XMER	1500MVA,765/400KV ICT-1 AT GAYA			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 GAYA			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 GAYA			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 Dec-2023

Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD. EASTERN REGION-1

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 GAYA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400KV ICT-3 AT GAYA			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 GAYA			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 JAMSHEDPUR			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 JAMSHEDPUR	OSPT	09-12-2023	09:27:00	09-12-2023	20:40:00	0.47	11.22	0.00	0.00	0.00	98.49	* AMP work
XMER	315MVA,400/220KV ICT-3 AT JAMSHEDPUR			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 KISHENGANJ			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 KISHENGANJ			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	200MVA,400/132KV ICT-1 AT LAKHISARAI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	200MVA,400/132KV ICT-2 AT LAKHISARAI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/132KV ICT-3 AT LAKHISARAI			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 MUZAFFARPUR			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 MUZAFFARPUR	OSPT	13-12-2023	09:14:00	13-12-2023	20:37:00	0.47	11.38	0.00	0.00	0.00	98.47	* SHUTDOWN TAKEN FOR AMP WORK.
XMER	500MVA,400/220KV ICT-3 AT MUZAFFARPUR			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 MUZAFFARPUR			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 PATNA	OSPT	18-12-2023	10:04:00	18-12-2023	21:30:00	0.48	11.43	0.00	0.00	0.00	98.46	* SHUTDOWN TAKEN FOR AMP WORK
XMER	500MVA,400/220KV ICT-2 AT PATNA			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 PATNA	OSPT	21-12-2023	09:49:00	21-12-2023	19:23:00	0.40	9.57	0.00	0.00	0.00	98.71	* SHUTDOWN TAKEN FOR AMP WORK.
XMER	160MVA,220/132KV ICT-1 AT PURNEA	OMSU	14-12-2023	11:58:00	14-12-2023	13:46:00	0.08	0.00	1.80	0.00	0.00	100.00	* TRIPPED DUE TO TRIPPING OF 220KV BUS-I <(>&<) II AT PURNEA.
XMER	160MVA,220/132KV ICT-2 AT PURNEA	OMSU	14-12-2023	11:58:00	14-12-2023	14:06:00	0.09	0.00	2.13	0.00	0.00	100.00	* TRIPPED DUE TO TRIPPING OF 220KV BUS-I <(>&<) II AT PURNEA
XMER	160MVA,220/132KV ICT-3 AT PURNEA	SCSD	12-12-2023	09:34:00	16-12-2023	22:22:00	4.53	0.00	0.00	0.00	108.80	100.00	* Scada Integration work at Purnea SS
XMER	500MVA,400/220KV ICT-1 AT NEW PURNEA			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 NEW PURNEA			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 RANCHI			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 RANCHI	OSPT	28-12-2023	09:52:00	28-12-2023	18:57:00	0.38	9.08	0.00	0.00	0.00	98.78	* SHUTDOWN TAKEN FOR AMP WORK.
XMER	500MVA,400/220KV ICT-3 AT RANCHI	SCSD	05-12-2023	10:07:00	05-12-2023	22:37:00	0.52	0.00	0.00	0.00	12.50	100.00	* TO ARREST ROOF TOP WATER LOGGING ISSUE AND INSTALLATION OF RTCC
XMER	1500MVA,765/400KV,ICT-1 AT RANCHI 765KV			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 RANCHI 765KV			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400KV,ICT AT SASARAM			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 SASARAM	OSPT	26-12-2023	09:25:00	26-12-2023	22:12:00	0.53	12.78	0.00	0.00	0.00	98.28	* SHUTDOWN TAKEN FOR AMP WORK.
XMER	500MVA,400/220KV ICT-2 AT SASARAM			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	