

Standard of Performance data for the month of July-2022

Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., EASTERN 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	80MVAR,BUS REACTOR-1 AT BANKA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT BANKA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR,BUS REACTOR-1 AT BIHARSHARIFF			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-2 AT BIHARSHARIFF			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-3 AT BIHARSHARIFF			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-4 AT BIHARSHARIFF			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-1 AT CHAIBASA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT CHAIBASA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT CHANDWA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT CHANDWA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-1 AT DALTANGANJ	SVRD	15/07/22	22:41:00	16/07/22	07:48:00	0.38	0.00	0.00	0.00	9.12	100.00	* H/T IN V/R. VOLTAGE CHANGE: 399/408
BSR	125MVAR,BUS REACTOR-1 AT GAYA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-1 AT GAYA	SVRD	23/07/22	19:21:00	31/07/22	23:59:59	8.19	0.00	0.00	0.00	196.65	100.00	* H/T IN V/R AS PER ERLDC INSTRUCTION
BSR	125MVAR,BUS REACTOR-2 AT GAYA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-2 AT GAYA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	49MVAR,BUS REACTOR-1 AT JAMSHEDPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	175MVAR,BUS REACTOR-2 AT JAMSHEDPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-3 AT JAMSHEDPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT KISHENGANJ			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT KISHENGANJ			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-1 AT LAKHISARAI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT LAKHISARAI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT MUZAFFARPUR	SVRD	01/07/22	00:00:01	31/07/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* HAND TRIPPED FOR VOLTAGE REGULATION AS PER ERLDC INSTRUCTION.
BSR	125MVAR,BUS REACTOR-2 AT MUZAFFARPUR	SVRD	01/07/22	21:56:00	31/07/22	23:59:59	30.09	0.00	0.00	0.00	722.07	100.00	* S/OFF FOR VOL. RAGULATION. VOL. CHNG-390/392 KV.
BSR	125MVAR,BUS REACTOR-1 AT PATNA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT NEW PURNEA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT NEW PURNEA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-1 AT RANCHI 400			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT RANCHI 400			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT RANCHI 765			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-1 AT RANCHI 765			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT RANCHI 765			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	240MVAR,BUS REACTOR-2 AT RANCHI 765			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT SASARAM	SVRD	03/07/22	22:12:00	10/07/22	02:53:00	6.20	0.00	0.00	0.00	148.68	100.00	* HAND TRIPPED FOR VOLTAGE REGULATION AS PER ERLDC INSTRUCTION.
BSR	125MVAR,BUS REACTOR-1 AT SASARAM	SVRD	12/07/22	01:14:00	19/07/22	05:47:00	7.19	0.00	0.00	0.00	172.55	100.00	* HAND TRIPPED FOR VOLTAGE REGULATION AS PER ERLDC INSTRUCTION.
BSR	330MVAR,BUS REACTOR-1 AT SASARAM	SVRD	17/07/22	19:34:00	18/07/22	06:57:00	0.47	0.00	0.00	0.00	11.38	100.00	* HAND TRIPPED FOR VOLTAGE REGULATION AS PER ERLDC INSTRUCTION.
BSR	330MVAR,BUS REACTOR-1 AT SASARAM	SVRD	01/07/22	19:52:00	02/07/22	07:49:00	0.50	0.00	0.00	0.00	11.95	100.00	* HAND TRIPPED FOR VOLTAGE REGULATION AS PER ERLDC INSTRUCTION.
BSR	330MVAR,BUS REACTOR-1 AT SASARAM	SVRD	18/07/22	13:54:00	31/07/22	18:20:00	13.19	0.00	0.00	0.00	316.43	100.00	* H/T IN V/R. VOLTAGE CHANGE: 741/788. 390/405. 221/226
BSR	330MVAR,BUS REACTOR-1 AT SASARAM	SVRD	09/07/22	19:55:00	12/07/22	07:02:00	2.46	0.00	0.00	0.00	59.12	100.00	* HAND TRIPPED FOR VOLTAGE REGULATION AS PER ERLDC INSTRUCTION
BSR	330MVAR,BUS REACTOR-1 AT SASARAM	SVRD	15/07/22	22:40:00	16/07/22	01:39:00	0.12	0.00	0.00	0.00	2.98	100.00	* H/T IN V/R. VOLTAGE CHANGE: 749/775. 394/401. 221/223
BSR	330MVAR,BUS REACTOR-1 AT SASARAM	SVRD	13/07/22	21:13:00	14/07/22	05:39:00	0.35	0.00	0.00	0.00	8.43	100.00	* H/T FOR V/R AS PER ERLDC/NLDC INSTRUCTION
BSR	330MVAR,BUS REACTOR-1 AT SASARAM	SVRD	12/07/22	23:43:00	13/07/22	09:21:00	0.40	0.00	0.00	0.00	9.63	100.00	* H/T FOR V/R AS PER ERLDC/NLDC INSTRUCTION.
BSR	125MVAR,BUS REACTOR-2 AT SASARAM	SVRD	06/07/22	00:05:00	10/07/22	03:02:00	4.12	0.00	0.00	0.00	98.95	100.00	* HAND TRIPPED FOR VOLTAGE REGULATION AS PER ERLDC INSTRUCTION.
BSR	125MVAR,BUS REACTOR-2 AT SASARAM	SVRD	13/07/22	20:54:00	19/07/22	05:49:00	5.37	0.00	0.00	0.00	128.92	100.00	* HAND TRIPPED FOR VOLTAGE REGULATION AS PER ERLDC INSTRUCTION.

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							9.49	0.00	0.00	0.00	227.87	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	
CKT	132kV ARA-DUMRAON(BSPTCL)-1	OMSU	24/07/22	20:30:00	24/07/22	21:12:00	0.03	0.00	0.70	0.00	0.00	100.00	* TRIPPED DUE TO R-PH ARA SITE - F.D-90.69KM(BSPTCL JURISDICTION), F.C-0.419KA
CKT	132kV DEHRI(BSPTCL)-KUDRA(BSPTCL)-1			00:00:00		00:00:00	0.00	0.00	0.70	0.00	0.00	100.00	
CKT	132kV KUDRA(BSPTCL)-SASARAM-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	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	
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	
CKT	132kV PURNEA-PURNEA(BSEB)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132kV SASARAM-MOHANIA(BSPTCL)	OMSU	16/07/22	12:53:00	16/07/22	13:21:00	0.02	0.00	0.47	0.00	0.00	100.00	* TRIPPED DUE TO OPERATION OF OVER CURRENT RELAY OF B PH . B PH O/C -329A.
CKT	220kV ARA-DUMRAON(BSPTCL)-1			00:00:00		00:00:00	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	
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	
CKT	220kV ARA-NAUBATPUR(BGCL) CKT-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV DEHRI(BSPTCL)-SASARAM-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV GAYA-BODHGAYA(BSPTCL)-1	OSPD	26/07/22	11:03:00	26/07/22	18:25:00	0.31	0.00	0.00	0.00	7.37	99.03	* SAFETY PURPOSE FOR SHIFTING OF CONDUCTOR OF 132KV CHANDAUTI CKT-01 ON ERS.S/D TAKEN BY BSPTCL
CKT	220kV GAYA-BODHGAYA(BSPTCL)-1	OSPT	30/07/22	11:27:00	30/07/22	17:44:00	0.26	6.28	0.00	0.00	0.00	99.03	* SD TAKEN FOR FIRMWARE AND PSET UPGRADATION OF SIEMENS MAKE 7SA522 MAIN 1 RELAY AND RELAY TESTING AT GAYA SS
CKT	220kV GAYA-BODHGAYA(BSPTCL)-1	OSPT	19/07/22	18:34:00	19/07/22	19:32:00	0.04	0.97	0.00	0.00	0.00	99.03	* SD TAKEN TO ATTEND SF6 LOW ALARM IN CT(R-PHASE) AT GAYA
CKT	220kV GAYA-BODHGAYA(BSPTCL)-2	OSPD	26/07/22	11:03:00	26/07/22	18:37:00	0.32	0.00	0.00	0.00	7.57	100.00	* SAFETY PURPOSE FOR SHIFTING OF CONDUCTOR OF 132KV CHANDAUTI CKT-01 ON ERS.S/D TAKEN BY BSPTCL
CKT	220kV GAYA-DEHRI(BSPTCL)-1(LILO PART.)	OMSU	20/07/22	00:34:00	20/07/22	19:14:00	0.78	0.00	18.67	0.00	0.00	98.84	* TRIPPED AT 00:34HRS DTD 20.07.22, R-Phase.* Main-1 site Gaya: F.C-2.92KA <-&-> F.D-51.0KM Event: 00:34:23.964 Hrs dtd 20.07.22.* FAULT TYPE: R Phase to Ground Fault* FAULT CURRENT: 3.365 kA** LOCATION: 52.283km (53.350%)
CKT	220kV GAYA-DEHRI(BSPTCL)-1(LILO PART.)	OSPT	18/07/22	10:38:00	18/07/22	19:20:00	0.36	8.70	0.00	0.00	0.00	98.84	* FOR RELAY FIRM WARE UPGRADATION WORK.
CKT	220kV GAYA-DEHRI(BSPTCL)-2(LILO PART.)	OSPT	15/07/22	09:41:00	15/07/22	18:21:00	0.36	8.67	0.00	0.00	0.00	98.84	* FOR FIRMWARE UPGRADATION OF SIEMENS MAKE MAIN 1 RELAY AND RELAY TESTING AT GAYA SS.
CKT	220kV NAUBATPUR(BGCL) -KHAGAUL CKT-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV NAUBATPUR(BGCL) -KHAGAUL CKT-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV NADOKHAR DUMRAON CKT1			00:00:00		00:00:00	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	
CKT	220 kV DALKHOLA-PURNEA -1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220 kV DALKHOLA-PURNEA -2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV PURNEA-NEW PURNEA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV PURNEA-NEW PURNEA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV RANCHI-CHANDIL(JUSNL)	LART	01/07/22	11:57:00	01/07/22	11:57:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFULL FROM BOTH END ON R-N FAULT: FD-23.5KM FROM RANCHI (UNDER JUSNL JURISDICTION) AND FC-4.75KA.A
CKT	220kV RANCHI-CHANDIL(JUSNL)	OSPD	25/07/22	10:30:00	25/07/22	17:59:00	0.31	0.00	0.00	0.00	7.48	100.00	* FOR REPLACEMENT OF LINE ISOLATOR TO CT JUMPER (R <-&-> B PHASE) AND BAY PREVENTIVE MAINTENANCE AT CHANDIL.* S/D TAKEN BY JUSNL
CKT	220kV RANCHI-CHANDIL(JUSNL)	OSPD	26/07/22	11:09:00	26/07/22	16:50:00	0.24	0.00	0.00	0.00	5.68	100.00	* REPLACEMENT OF LINE ISOLATOR TO CT JUMPER (R <-&-> B PHASE) AND BAY PREVENTIVE MAINTENANCE AT CHANDIL.S/D TAKEN BY JUSNL
CKT	220kV RANCHI-HATIA(JSEB)-2	OSPD	02/07/22	10:40:00	02/07/22	17:42:00	0.29	0.00	0.00	0.00	7.03	100.00	* FOR CROSSING FOR NEWLY CONSTRUCTED 220 KV HATIA MANDAR LINE S/D TAKEN BY JUSNL
CKT	220kV RANCHI-HATIA(JSEB)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV RANCHI-HATIA(JSEB)-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV SASARAM-NADOKHAR(BSPTCL)-1			00:00:00		00:00:00	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	
CKT	220kV SASARAM-NEW KARMNASA(BSPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BANKA BIHARSARIF-1	LCSD	13/07/22	09:13:00	13/07/22	19:30:00	0.43	0.00	0.00	0.00	10.28	100.00	* FOR CHANGING WS MAKE BPI INSTALLED IN ELPRO MAKE ISOLATORS

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CKT	400kV BANKA BIHARSARIF-1	LCSD	11/07/22	09:31:00	11/07/22	21:07:00	0.48	0.00	0.00	0.00	11.60		* FOR CHANGING WS MAKE BPI INSTALLED IN ELPRO MAKE ISOLATOR OF 400KV TIE BAY OF BANKA-I AND BANKA-II AT BIHARSARIF (FOR DISMANTLING,ERECTION OF 89B ISOLATOR)
							0.91	0.00	0.00	0.00	21.88	100.00	
CKT	400kV BANKA BIHARSARIF-2	LCSD	22/07/22	09:27:00	22/07/22	18:41:00	0.39	0.00	0.00	0.00	9.23		* WAS UNDER S/D FROM 09:27HRS TO 18:41HRS ON 22.07.22 FOR DISMANTLING,ERECTION <-> ALIGNMENT OF 43089L ISOLATOR OF BANKA LINE-2 FOR CHANGING WS MAKE BPI INSTALLED IN ELPRO MAKE ISOLATOR
CKT	400kV BANKA BIHARSARIF-2	LCSD	19/07/22	09:09:00	19/07/22	19:42:00	0.44	0.00	0.00	0.00	10.55		* FOR DISMANTLING,ERECTION OF 42989A ISOLATOR OF TIE BAYOF BANKA
							0.83	0.00	0.00	0.00	19.78	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		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BARH(NTPC)-MOTIHARI(DMTCL)-2	LART	14/07/22	17:55:00	14/07/22	17:55:00	0.00	0.00	0.00	0.00	0.00		* A/R SUCCESSFULLY OPERATED FROM BOTH END DUE TO Y-N FAULT AT 17:55HRS ON DTD 14.07.22. BARH FAULT DETAILS:FD=54KM, FC=6.6KA. MOTIHARI DETAILS: FD=159.6KM, FC=2.24KA
CKT	400kV BARH(NTPC)-MOTIHARI(DMTCL)-2	LART	15/07/22	18:49:00	15/07/22	18:49:00	0.00	0.00	0.00	0.00	0.00		* A/R SUCCESSFULLY OPERATED FROM BOTH END DUE TO Y-N FAULT. BARH DETAILS: M1: FD=21.1KM, FC=12.84KA
CKT	400kV BARH(NTPC)-MOTIHARI(DMTCL)-2	LNCC	29/07/22	19:41:00	29/07/22	21:08:00	0.06	0.00	0.00	1.45	0.00		* TRIPPED FROM BOTH END DUE TO R-B FAULT , FAULT DETAILS- BARH-M1-FD-9.5KM IB-22.6KA, FC-IR-19.7KA M2-FD-11.8KM,FC-IR-19.75KA, IB-20.92KA, MOTIHARI(DMTCL)- M1-FD-262.5KM , FC-IR1.99KA, IB-1.94KA
CKT	400kV BARH(NTPC)-MOTIHARI(DMTCL)-2	LNCC	28/07/22	19:43:00	28/07/22	20:32:00	0.03	0.00	0.00	0.82	0.00		* TRIPPED FROM MOTIHARI END AND A/R SUCCESSFULLY OPERATED FROM BARH END, DUE TO B-N FAULT AT 19:43HRS ON DTD 28.07.22. FAULT DETAILS- BARH-M1-FD-96.8KM, FC-4.2KA, MOTIHARI(DMTCL)- M1-FD-113KM , FC-0.46KA
							0.09	0.00	0.00	2.27	0.00	100.00	
CKT	400kV BARH(NTPC)-PATNA-1	OMSU	19/07/22	07:09:00	19/07/22	08:18:00	0.05	0.00	1.15	0.00	0.00		* DT RECEIVED AT PATNA END FROM NTPC BARH END.* MAIN AND TIE BAY OF SAID LINE AT NTPC BARH END TRIPPED ON TRIP RELAY OPERATION WHILE REVIVAL OF DC SOURCE AND SENT DT TO PATNA
							0.05	0.00	1.15	0.00	0.00	100.00	
CKT	400kV BARH(NTPC)-PATNA-2	OMSU	22/07/22	15:40:00	22/07/22	16:12:00	0.02	0.00	0.53	0.00	0.00		* A/R SUCCESSFUL FROM PATNA END AND TRIPPED FROM BARH END ONLY DUE TO R-N FAULT. (PATNA AFAS-M1-37.38 KM, 9.02 KA, M2-38.5 KM, 8.9 KA), BARH END-M1-55.41 KM, 6.15 KA, M2- NA, (PATNA SITE-M1-38.55KM,8.7KA, M2-37.2 KM, 8.21 KA),* 02.08.2022 17:35:36 INDIA Santosh Kumar (60003811)* FAULT IDENTIFIED AT LOC NO 587@37.525 KM. WHITE SPOT ON JUMPER AND ARCING HORN
							0.02	0.00	0.53	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		
							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		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400 kV BIHARSHARIF-BALIA-1	LNCC	02/07/22	16:31:00	02/07/22	18:59:00	0.10	0.00	0.00	2.47	0.00		* TO RECTIFY THE MIDDLE PHASE PILOT INSULATOR AT LOC NO 228 WHICH WAS HANGED DUE TO LOCALISED CYCLONE
CKT	400 kV BIHARSHARIF-BALIA-1	OSPT	08/07/22	09:13:00	08/07/22	21:51:00	0.53	12.63	0.00	0.00	0.00		* SD TAKEN BY NR3 FOR LINE BAY AMP WORK AT BALIA END.
							0.63	12.63	0.00	2.47	0.00	98.30	
CKT	400 kV BIHARSHARIF-BALIA-2	OSPT	09/07/22	09:40:00	09/07/22	20:21:00	0.45	10.68	0.00	0.00	0.00		* SD TAKEN BY NR3 FOR LINE BAY AMP WORK AT BALIA END.
							0.45	10.68	0.00	0.00	0.00	98.56	
CKT	400kV BIHARSHARIF-MUZAFFARPUR-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 BIHARSHARIF-MUZAFFARPUR-2	LART	14/07/22	17:09:00	14/07/22	17:09:00	0.00	0.00	0.00	0.00	0.00		* A/R SUCCESSFULLY OPERATED FROM BOTH END DUE TO Y-N FAULT AT 17:09 HRS ON DTD 14.07.22.* BIHARSHARIF FAULT DETAILS: M1: FC=5.646KA, FD=53.29KM. M2: FC=5.389KA, FD=53.68KM.* MUZAFFARPUR :M1: FD=72.71KM, FC=4.539KA. M2: FD=69.97KM, FC=3.413KA.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BIHARSHARIF-SASARAM-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 BIHARSHARIF-SASARAM-2	OSPT	30/07/22	12:52:00	30/07/22	19:05:00	0.26	6.22	0.00	0.00	0.00		* SD TAKEN TO ATTEND HOTSPOT IN B-PH LINE ISOLATOR AT BIHARSHARIF
							0.26	6.22	0.00	0.00	0.00	99.16	
CKT	400kV BIHARSHARIF-VARANASI-1	LART	28/07/22	12:52:00	28/07/22	12:52:00	0.00	0.00	0.00	0.00	0.00		* A/R SUCCESSFULLY OPERATED FROM BOTH END DUE TO Y-N FAULT.* BSF AFAS DETAILS: M2: FC=2.433KA, FD=185.42KM.* VARANASI SITE DETAILS: M1: FC=3.732KA, FD=102.2KM, M2: FC=4.927KA, FD=99.7KM.* BSF SITE DETAILS:M1: FC=2.102KA, FD=215.7KM. M2: FC=2.068KA, FD=211.8KM
CKT	400kV BIHARSHARIF-VARANASI-1	LNCC	28/07/22	16:13:00	29/07/22	13:30:00	0.89	0.00	0.00	21.28	0.00		* TRIPPED DUE TO R-N FAULT AT 16:13HRS ON DTD 28.07.22. FAULT DETAILS-BIHARSHARIF-M1-FD-53.2KM, FC-5.896KA, M2-FD-53.2KM, FC-6.135KA* TRIPPING HAPPENED DUE TO SEVERE THUNDERSTORM AND LIGHTENING
							0.89	0.00	0.00	21.28	0.00	100.00	
CKT	400kV BIHARSHARIF-VARANASI-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	400 kV CHAIBASA-ROURKELA-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	400 kV CHAIBASA-ROURKELA-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 CHANDAUTI NABINAGAR 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 CHANDAUTI NABINAGAR 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 CHANDWA-GAYA-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 CHANDWA-GAYA-2	LNCC	01/07/22	09:12:00	01/07/22	20:13:00	0.46	0.00	0.00	11.02	0.00		* SD TAKEN FOR REPLACEMENT OF FLASHED INSULATOR DUE TO SEVERE LIGHTENING WORK.
							0.46	0.00	0.00	11.02	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		
							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		
							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		
							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		
							0.00	0.00	0.00	0.00	0.00	100.00	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE TO Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
CKT	400kV GAYA MAITHON-1	LMAC	09/07/22	09:50:00	09/07/22	20:41:00	0.45	0.00	0.00	0.00	10.85	0.00	* SD TAKEN FOR REPLACEMENT OF INSULATOR DAMAGED BY MISCREANT.
CKT	400kV GAYA MAITHON-1	OSPT	23/07/22	16:01:00	23/07/22	19:37:00	0.15	3.60	0.00	0.00	0.00	0.00	* FOR CHECKING AND RECTIFICATION OF M2 RELAY (REL670) AT GAYA
CKT	400kV GAYA MAITHON-1	OSPT	30/07/22	11:46:00	30/07/22	19:46:00	0.33	8.00	0.00	0.00	0.00	0.00	* SD TAKEN TO ATTEND OIL LEAKAGE OBSERVED IN B PH LINE CT AT MAITHON
							0.93	11.60	0.00	0.00	10.85	0.00	98.42
CKT	400kV GAYA MAITHON-2	LART	27/07/22	12:02:00	27/07/22	12:02:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R SUCCESSFULL FROM BOTH ENDS AT 12:02HRS ON DTD 27.07.22 DUE TO Y-N FAULT. FAULT DETAILS-GAYA(SITE)-M1- FD-52.9KM, FC-5.57KA, M2- FD-53.6KM, FC-6.5KA. GAYA(AFAS)-M1-FD-52.44KM, FC-6.38KA, M2- FD-49.34KM, FC-6.354KA. MAITHON(SITE)- M1-FD-273.4KM, FC-1.71KA, M2- FD-171KM, FC-1.8KA
							0.00	0.00	0.00	0.00	0.00	0.00	100.00
CKT	400 kV TATA DVC-BARIPADA-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	0.00	0.00	100.00
CKT	400kV JAMSHEDPUR-BARIPADA-2	LMAC	08/07/22	09:30:00	08/07/22	18:40:00	0.38	0.00	0.00	0.00	9.17	0.00	* SD TAKEN FOR REPLACEMENT OF INSULATOR DAMAGED BY MISCREANTS
							0.38	0.00	0.00	0.00	9.17	0.00	100.00
CKT	400 kV JAMSHEDPUR-CHAIBASA-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	0.00	0.00	100.00
CKT	400 kV JAMSHEDPUR-CHAIBASA-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	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	0.00	
							0.00	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	0.00	
							0.00	0.00	0.00	0.00	0.00	0.00	100.00
CKT	400 KV JAKKANPUR NABINAGAR-2	OMSU	28/07/22	17:56:00	28/07/22	19:56:00	0.08	0.00	2.00	0.00	0.00	0.00	* TRIPPED FROM NABIBAGAR END AND A/R FROM JAKKANPUR END DUE TO B-N FAULT FAULT DETAILS- NABINAGAR(NPGC)-M1-FD-93.3KM, FC-3.16KA, M2-FD-108KM, FC-3.4KA, JAKKANPUR(BGCL SS)-M1-FD-18.6KM, FC-10.65KA
							0.08	0.00	2.00	0.00	0.00	0.00	100.00
CKT	400kV KAHALGAON(NTPC)-BANKA-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	0.00	0.00	100.00
CKT	400kV KAHALGAON(NTPC)-BANKA-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	0.00	0.00	100.00
CKT	400kV KAHALGAON(NTPC)-BARH(NTPC)-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	0.00	0.00	100.00
CKT	400kV KAHALGAON(NTPC)-BARH(NTPC)-2	LNCC	08/07/22	14:29:00	08/07/22	19:05:00	0.19	0.00	0.00	4.60	0.00	0.00	* SD TAKEN FOR RECTIFICATION OF DISLOCATED OPGW DUE TO LOCALISED CYCLONE AT LOC NO 24 (DA+0).
CKT	400kV KAHALGAON(NTPC)-BARH(NTPC)-2	OMSU	19/07/22	07:09:00	19/07/22	07:55:00	0.03	0.00	0.77	0.00	0.00	0.00	* DT RECEIVED AT NTPC KAHALGAON END FROM NTPC BARH END.* MAIN AND TIE BAY OF SAID LINE AT NTPC BARH END TRIPPED ON TRIP RELAY OPERATION WHILE REVIVAL OF DC SOURCE AND SENT DT TO KAHALGAON
							0.22	0.00	0.77	4.60	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	0.00	
							0.00	0.00	0.00	0.00	0.00	0.00	100.00
CKT	400kV FARAKKA(NTPC)-KAHALGAON(NTPC)-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	0.00	0.00	100.00
CKT	400kV KAHALGAON(NTPC)-LAKHISARAI-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	0.00	0.00	100.00
CKT	400kV KAHALGAON(NTPC)-LAKHISARAI-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	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	0.00	
							0.00	0.00	0.00	0.00	0.00	0.00	100.00
CKT	400kV KAHALGAON(NTPC)-MAITHON-2	LNCC	03/07/22	11:41:00	03/07/22	16:15:00	0.19	0.00	0.00	4.57	0.00	0.00	* S/D TO RECTIFY OPGW WIRE AT LOC-273* 04.07.2022 06:29:12 INDIA Vinod Kumar (60020986)* FOR RECTIFICATION OF FALLEN OPGW DUE TO HEAVY WIND ON TOP PH CROSS-ARM AT LOCATION NO 273.
							0.19	0.00	0.00	4.57	0.00	0.00	100.00
CKT	400kV KODERMA(DVC)-BIHARSHARIF-1	OMSU	28/07/22	16:18:00	28/07/22	17:10:00	0.04	0.00	0.87	0.00	0.00	0.00	* TRIPPED ONLY FROM KODERMA END
CKT	400kV KODERMA(DVC)-BIHARSHARIF-1	LNCC	21/07/22	15:21:00	21/07/22	17:52:00	0.11	0.00	0.00	2.52	0.00	0.00	* TRIPPED DUE TO BR FAULT. BSF AFAS DETAILS:-BR FAULT, FC-11.382KA,FD-37.359KM* BSF END RELAY* MAIN-2 DETAILS:- BR FAULT, FC R PH-9.363KA, B PH-10.27KA,FD-36.6KM* MAIN-1 DETAILS:- BR FAULT, FC R-PH-9.33KA, B PH- 10.70KA, FD-36.51KM* Koderma-M1-FD-74.2KM, FC-1r-6.36KA, Ib-6.52KA, M2-FD-73.5KM, FC-1r-6.324KA, Ib-6.528ka* 01.08.2022 12:04:40 INDIA Santosh Kumar (60003811)* FLASHOVER FOUND AT LOC. NO. 190 (DB+0) B/W B-PH (MIDDLE) JUMPER & BOTTOM X-ARM.
							0.15	0.00	0.87	2.52	0.00	0.00	100.00
CKT	400kV KODERMA(DVC)-BIHARSHARIF-2	LART	27/07/22	15:06:00	27/07/22	15:06:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R SUCCESSFULL FROM BOTH ENDS DUE TO R-N FAULT. BSF (SITE) M1: FD- 43.12 KM, FC-4.66 KA, BSF (AFAS) M1: FD- 42.859 KM, FC- 5.144 KA. KODERMA (SITE) M1-55.2 KM, FC-6.17 KA, M2-53.84 KM, FC-6.17 KA.
							0.00	0.00	0.00	0.00	0.00	0.00	100.00
CKT	400kV KODERMA(DVC)-BOKARO(JBVNL)-1	LMAC	27/07/22	01:21:00	31/07/22	23:59:59	4.94	0.00	0.00	118.65	0.00	0.00	* TRIPPED DUE TO B-N FAULT.* DETAILS FROM KODERMA-B-PH FAULT,F.D-78.4KM AND F.C-4.27KA AND R-PH A/R* DEATILS FROM BOKARO -B-N FAULT ,F.D-30.9KM AND F.C-4.29KA AND B-PH A/R* AS REPORTED BY SITE TOWER BENT AT LOC NO 184 (DA+6) FROM ABOVE WAIST LEVEL DURING THEFT BY MISCREANTS.* 32.56KM FROM BOKARO
							4.94	0.00	0.00	118.65	0.00	0.00	100.00
CKT	400kV KODERMA(DVC)-BOKARO(JBVNL)-2	LMAC	27/07/22	01:21:00	31/07/22	23:59:59	4.94	0.00	0.00	118.65	0.00	0.00	* TRIPPED DUE TO R-N FAULT* DETAILS FROM KODERMA -R-N FAULT,F.D-87.1KM AND F.C-4.45KA AND B-PH A/R* DETAILS FROM BOKARO -R-N FAULT,F.D-31.64KM AND F.C-2.91KA AND R-PH A/R* AS REPORTED BY SITE TOWER BENT AT LOC NO 184 (DA+6) FROM ABOVE WAIST LEVEL DURING THEFT BY MISCREANTS.* 32.56KM FROM BOKARO
							4.94	0.00	0.00	118.65	0.00	0.00	100.00
CKT	400kV KODERMA(DVC)-GAYA-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	0.00	0.00	100.00
CKT	400kV KODERMA(DVC)-GAYA-2	LART	01/07/22	17:01:00	01/07/22	17:01:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R SUCCESSFULLY OPERATED FROM BOTH ENDS AT 17:01 HRS ON 01.07.22 DUE TO B-N FAULT. GAYA AFAS DETAIL:- M1--F.D-75.799KM, F.C-6.34KA, M2--F.D-75.357KM, F.C-6.33KA. GAYA SITE DETAIL:- M1--F.D-73.5KM, F.C-4.65KA, M2--F.D-77.1KM, F.C-5.35KA.* KODERMA SITE DETAIL:- M1--F.D-62.5KM, F.C-6.39KA, M2--F.D-63.81KM, F.C-6.26KA.
							0.00	0.00	0.00	0.00	0.00	0.00	100.00
CKT	400kV KODERMA(DVC)-GAYA-2	LART	27/07/22	12:41:00	27/07/22	12:41:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R SUCCESSFULL FROM BOTH ENDS AT 12:41HRS ON DTD 27.07.22 DUE TO Y-N FAULT. FAULT DETAILS-GAYA(SITE)-M1- FD-76.4KM, FC-4.47KA, M2- FD-81.7KM, FC-5.5KA. GAYA(AFAS)-M1-FD-78.896KM, FC-4.89KA, M2- FD-78.03KM, FC-4.88KA. KODERMA(SITE)- M1-FD-57.37KM, FC-6.35KA, M2- FD-57.66KM, FC-6.3KA
							0.00	0.00	0.00	0.00	0.00	0.00	100.00
CKT	400kV KODERMA(DVC)-GAYA-2	LMAC	26/07/22	10:06:00	26/07/22	20:20:00	0.43	0.00	0.00	10.23	0.00	0.00	* S/D FOR INSULATOR REPLACEMENT DAMAGED BY MISCREANT

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
							0.43	0.00	0.00	10.23	0.00	100.00	
CKT	400kV KISHANGANJ-SAHARSA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KISHANGANJ-SAHARSA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV KISHANGANJ-SAHARSA-3(LILO PORTION)	LART	31/07/22	00:01:00	31/07/22	00:01:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFULLY OPERATED FROM BOTH END DUE TO B-N FAULT. FD-65.9KM FROM SAHARSA AND FC-5.68KA.
CKT	400kV KISHANGANJ-SAHARSA-4(LILO PORTION)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV LAKHISARAI-BIHARSHARIF-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV LAKHISARAI-BIHARSHARIF-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV MOTIHARI(DMTCL)-GORAKHPUR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV MOTIHARI(DMTCL)-GORAKHPUR-2	OSPT	02/07/22	10:43:00	02/07/22	17:58:00	0.30	7.25	0.00	0.00	0.00	99.03	* WRAPPING OF INSULATION TAPE ON MIDDLE PHASE OF JUMPER AT LOC 888.AS CLEARANCE IS NOT ADEQUATE.
CKT	400kV NABINAGAR(BRBL)-SASARAM-1	LART	26/07/22	16:24:00	26/07/22	16:24:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFUL FROM BOTH END ON R-N FLT. SASARAM (AFAS) M1: FD- 66.7 KM, FC- 5.19 KA, M2: FD- 65.7 KM, FC- 5.15 KA. SASARAM (SITE)-M1-62.0 KM, 5.15 KA. NABINAGAR(BRBL)-F.D-34 KM, FC-4 KA
CKT	400kV NABINAGAR(BRBL)-SASARAM-2	LART	02/07/22	20:33:00	02/07/22	20:33:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESS FROM BOTH END DUE TO Y-PHASE FAULT. SASARAM AFAS DETAILS-M1-81.2 KM, 5.6 KA, M2-70.4 KM, 5.57 KA.* PUSAULI SITE DETAILS-M 1 relay* EF-L2N fault,Z2* Ia-343.2a* Ib-3.348ka* Ic-1.377ka* Dis-81.49km* M2* II-393.7* II2-3617.32a* II3-1443.27a* Dis-81km0. NABINAGAR-FD-7.7KM, FC-10KA
CKT	400kV NAUBATPUR BALIA CKT-1	OMSU	20/07/22	10:22:00	20/07/22	20:44:00	0.43	0.00	10.37	0.00	0.00	100.00	* FOR REPLACEMENT OF PORCELAIN INSULATOR WITH POLYMER AT MAJOR CROSSING BY ER-I.
CKT	400kV NAUBATPUR BALIA CKT-2	OMSU	21/07/22	10:18:00	21/07/22	18:28:00	0.34	0.00	8.17	0.00	0.00	100.00	* FOR REPLACEMENT PORCELAIN INSULATOR by POLYMER INSULATOR WORK AT MAJOR CROSSING BY ER-I.
CKT	400kV PATNA-BALIA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV PATNA-BALIA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV PATNA-JAKKANPUR CKT-1	LNCC	02/07/22	16:24:00	02/07/22	19:55:00	0.15	0.00	0.00	3.52	0.00	100.00	* TRIPPED DUE TO R-N FAULT, FAULT DETAILS-(PATNA)-M1-FD-5.17 KM, IR-19.64 KA, IY-19.94 KA, M2-FD-4.4 KM, IR-18.62 KA, IY-19.94 KA.* TRIPPING HAPPENED DUE TO SEVERE THUNDERSTORM AND LIGHTENING.
CKT	400kV PATNA-JAKKANPUR CKT-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV PATNA-NAUBATPUR CKT-1	OMSU	29/07/22	19:38:00	29/07/22	21:04:00	0.06	0.00	1.43	0.00	0.00	100.00	* TRIPPED ONLY FROM NAUBATPUR(BGCL) END DUE TO LBB MAL OPERATION OF ITS TIE BAY AT NAUBATPUR(BGCL)END.
CKT	400kV PATNA-NAUBATPUR CKT-1	LNCC	01/07/22	03:54:00	01/07/22	04:36:00	0.03	0.00	0.00	0.70	0.00	100.00	* TRIPPED DUE TO R-N FAULT. PATNA AFAS DETAILS: M2: FD=11.16KM, FC=17.884KA. NAUBATPUR: M1: FD=9.8KM, FC=7.76KA. M2* FD=9.64KM, FC=7.1= 7KA
CKT	400kV PATNA-NAUBATPUR CKT-2	OMSU	29/07/22	19:38:00	29/07/22	21:04:00	0.06	0.00	1.43	0.00	0.00	100.00	* TRIPPED ONLY FROM NAUBATPUR END DUE TO LBB MAL OPERATION AT NAUBATPUR(BGCL) END
CKT	400kV PATNA-SAHARSA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV PATNA-SAHARSA-2	LART	15/07/22	17:25:00	15/07/22	17:25:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFULLY OPERATED FROM BOTH END DUE TO Y-N FAULT. SAHARSA DETAILS: M1: FC=4.3KA, FD=94.9KM.PATNA DETAILS: M1: FC=3.14KA, FD= =130.4KM. M2: FC=3.57KA, FD=127.3KM.
CKT	400kV RANCHI-DHANBAD-1(MRB LILO)	LART	01/07/22	11:21:00	01/07/22	11:21:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFULLY OPERATED FROM BOTH END* ON Y-N FAULT DUE TO THUNDERSTORM.FD-94.9KM FROM RANCHI AND FC-4.1KA.
CKT	400kV RANCHI-DHANBAD-2(MRB LILO)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RANCHI-MAITHON-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RANCHI-RAGHUNATHPUR(DVC)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RANCHI-NEW RANCHI-1	OSPT	11/07/22	09:27:00	11/07/22	18:49:00	0.39	9.37	0.00	0.00	0.00	98.74	* FOR INSTALLATION OF NEW BOM CARD IN MAIN-2 RELAY FOR SUCCESSFUL OPERATION OF A/R IN TIE BAY AT RANCHI.
CKT	400kV RANCHI-NEW RANCHI-2	OSPT	13/07/22	09:24:00	13/07/22	18:53:00	0.40	9.48	0.00	0.00	0.00	98.72	* FOR INSTALLATION OF NEW BOM CARD IN MAIN-2 RELAY FOR SUCCESSFUL OPERATION OF A/R IN TIE BAY AT RANCHI.
CKT	400kV RANCHI-NEW RANCHI-2	LNCC	28/07/22	17:26:00	28/07/22	19:10:00	0.07	0.00	0.00	1.73	0.00	98.73	* TRIPPED DUE TO R-N FAULT AT 17:26 HRS ON DTD 28.07.22. FAULT DETAILS-RANCHI(AFAS)-M1-FD-33.069KM , FC-9.729KA, M2-FD-36.86KM, FC-9.7= 22KA
CKT	400kV RANCHI-NEW RANCHI-3	OSPT	12/07/22	09:35:00	12/07/22	19:00:00	0.39	9.42	0.00	0.00	0.00	98.73	* FOR INSTALLATION OF NEW BOM CARD IN MAIN-2 RELAY FOR SUCCESSFUL OPERATION OF A/R IN TIE BAY AT RANCHI.
CKT	400kV RANCHI-NEW RANCHI 4	LART	01/07/22	12:58:00	01/07/22	12:58:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFULL FROM BOTH END ON R-N FAULT DUE TO FOREIGN MATERIAL HANGING ON CONDUCTOR BETWEEN LOC NO-40-41.FD-7.64KM FROM RANCHI AND FC-17.15.42KA.
CKT	400kV RANCHI-NEW RANCHI 4	OSPT	14/07/22	09:25:00	14/07/22	19:33:00	0.42	10.13	0.00	0.00	0.00	98.64	* SD TAKEN FOR INSTALLATION OF NEW BOM CARD IN MAIN-2 RELAY FOR SUCCESSFUL OPERATION OF A/R IN TIE BAY AT RANCHI.
CKT	400kV RANCHI-ROURKELA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RANCHI-ROURKELA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RAGHUNATHPUR(DVC)-MAITHON-1	LART	29/07/22	14:22:00	29/07/22	14:22:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFULL FROM BOTH END DUE TO B-N FAULT, (ZONE-1) MAITHON DETAILS: M1: FC=6.27KA, FD:32.7KM, M2 FC-6.2KA, FD-45KM RTPS END DETAILS : M1,FC-17.7KA,FD-3.39KM, M2: FC-18.24KA, FC-3.8KM* FAULT UNDER DVC JURISDICTION
CKT	400kV NEW RANCHI-CHANDWA-1			00:00:00		00:00:00	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	100.00	
CKT	400kV SASARAM-ALLAHABAD			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV DALTONGANJ- SASARAM-1	OSPT	23/07/22	11:08:00	23/07/22	15:33:00	0.18	4.42	0.00	0.00	0.00	98.93	* TO ATTEND HOT SPOT OBSERVED IN Y-PH LINE ISOLATOR AT DALTONGANJ
CKT	400kV DALTONGANJ- SASARAM-1	OSPT	20/07/22	14:42:00	20/07/22	18:13:00	0.15	3.52	0.00	0.00	0.00	98.93	* for arresting oil leakage in B-Ph Bushing of 50MVAR L/R-1 at Daltonganj ss
CKT	400kV DALTONGANJ-SASARAM-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV SAHARSA-DARBHANGA-1(LILO PORTION)			00:00:00		00:00:00	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	100.00	
CKT	400kV SASARAM-VARANASI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV GAYA-BALIA			00:00:00		00:00:00	0.00	0.00	0.00	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	100.00	
CKT	765kV GAYA-VARANASI-2	LNCC	30/07/22	09:47:00	30/07/22	20:48:00	0.46	0.00	0.00	11.02	0.00	100.00	* SD TAKEN FOR REPLACEMENT OF FLASHED INSULATOR AT TOWER LOCATION 160,163= ,173, LOC 196
CKT	765kV GAYA-VARANASI-2	LNCC	31/07/22	09:28:00	31/07/22	19:14:00	0.41	0.00	0.00	9.77	0.00	100.00	* SD TAKEN FOR REPLACEMENT OF FLASHED INSULATOR AT TOWER LOCATION 160,163= ,173, LOC 196.
CKT	765kV SASARAM-FATEHPUR	LNCC	18/07/22	09:16:00	18/07/22	21:36:00	0.87	0.00	0.00	20.79	0.00	100.00	* For Insulator replacement work
LNR	50MVAR,SW LR OF BIHARSHARIFF-1 AT BANKA			00:00:00		00:00:00	0.00	0.00	0.00	12.33	0.00	100.00	
LNR	50MVAR,SW LR OF BIHARSHARIFF-2 AT BANKA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,SW LR OF PURNEA-2 AT BIHARSHARI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF LAKHISARAI-2 AT BIHARSHARI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SW LR OF SASARAM-1 AT BIHARSHARI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SW LR OF VARANASI-2 AT BIHARSHARI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,SW LR OF PURNEA-1 AT BIHARSHARI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SW LR OF VARANASI-1 AT BIHARSHARI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SW LR OF MAITHON-1 AT GAYA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SW LR OF MAITHON-2 AT GAYA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SW LR OF BALIA AT GAYA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SW LR OF VARANASI-1 AT GAYA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SW LR OF VARANASI-2 AT GAYA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,SW LR OF PATNA-1 AT KISHENGANJ			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,SW LR OF PATNA-2 AT KISHENGANJ			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,SWLR OF DARBHANGA-1 AT KISHENGANJ			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,SWLR OF DARBHANGA-2 AT KISHENGANJ			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	63MVAR,SWLR OF PURNEA-2 AT MUZAFFARPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF GORAKHPUR-2 AT MUZAFFARPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	63MVAR,SWLR OF PURNEA-1 AT MUZAFFARPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	63MVAR,SWLR OF GORAKHPUR-1 AT MUZAFFARPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,SWLR OF NABINAGAR-1 AT PATNA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,SWLR OF NABINAGAR-2 AT PATNA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	125MVAR,SWLR OF BARH-2 AT PATNA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE TO Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
LNR	80MVAR,SWLR OF BARH-1 AT PATNA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	63MVAR,SWLR OF KISHANGANJ-1 AT N.PURNE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	63MVAR,SWLR OF MUZAFFARPUR-2 AT N.PUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	63MVAR,SWLR OF MUZAFFARPUR-1 AT N.PUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,SWLR OF FARAKKA AT N.PURNEA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,SWLR OF GOKARNA AT N.PURNEA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF DHANBAD-1 AT RANCHI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF DHANBAD-2 AT RANCHI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF DHARAMJAYGARH-1 AT N.			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF DHARAMJAYGARH-2 AT N.			00:00:00		00:00:00	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	
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	
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	
LNR	HVDC- PUSAULI SWITCHABLE LINE REACTOR			00:00:00		00:00:00	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	
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	
LNR	PUSAULI SARNATH LINE REACTOR_CWL39			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	63MVAR,SWLR OF BIHARSHARIFF-1 AT SASAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	63MVAR,SWLR OF BIHARSHARIFF-2 AT SASAR			00:00:00		00:00:00	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	
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	
VALVE_HALL	HVDC BTB SASARAM			00:00:00		00:00:00	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	
XMER	100MVA,220/132KV ICT-2 AT ARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	160MVA,220/132KV ICT-3 AT ARA			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 BANKA			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 BANKA			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 BANKA			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 BIHARSHARIFF	SCSD	08/07/22	11:21:00	08/07/22	18:24:00	0.29	0.00	0.00	0.00	7.05		* SD TAKEN FOR ON LOAD TEST OF CSD OF MAIN BAY AND TIE BAY UNDER ADD CAP.
XMER	315MVA,400/220KV ICT-1 AT BIHARSHARIFF	OSPD	04/07/22	12:09:00	04/07/22	17:31:00	0.22	0.00	0.00	0.00	5.37		* FOR CONNECTION OF SEPARATE INTERTIPPING WIRE BETWEEN BIHARSHARIF(PGCIL) END AND BIHARSHARIF (BSPTCL) GSS END.SD TAKEN BY BSPTCL.
XMER	315MVA,400/220KV ICT-2 AT BIHARSHARIFF	OSPT	14/07/22	12:49:00	14/07/22	17:37:00	0.20	4.80	0.00	0.00	0.00	99.35	* SD TAKEN FOR ARRESTING THE OIL LEAKAGE FROM B-PHASE OLTC.
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	
XMER	500MVA,400/220KV ICT-4 AT BIHARSHARIFF			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 CHAIBASA	OSPT	05/07/22	15:33:00	05/07/22	17:30:00	0.08	1.95	0.00	0.00	0.00	99.74	* S/D TAKEN FOR REPLACEMENT OF FAULTY BUS BAR UNIT 2 RELAY
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	
XMER	160MVA,220/132KV ICT-1 AT DALANGANJ			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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	
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	
XMER	315MVA,400/220KV ICT-2 AT DALANGANJ			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 GAYA			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 GAYA			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 GAYA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							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	
XMER	500MVA,400/220KV ICT-3 AT GAYA	OSPT	19/07/22	10:42:00	19/07/22	20:27:00	0.41	9.75	0.00	0.00	0.00	98.69	* FOR AMP WORK.
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	OMSU	27/07/22	10:55:00	27/07/22	12:46:00	0.08	0.00	1.85	0.00	0.00	100.00	* TRIPPED ONLY FROM LV SIDE AT RAMCHANDRAPUR (JUSNL) DUE TO 220 KV BUS-1 BUSAR OPTD AT RAMCHANDRAPUR SS AT 10:55HRS ON DTD 27.07.22
XMER	315MVA,400/220KV ICT-1 AT JAMSHEDPUR	OMSU	26/07/22	16:28:00	26/07/22	18:04:00	0.07	0.00	1.60	0.00	0.00	100.00	* TRIPPED ONLY FROM LV SIDE AT RAMCHANDRAPUR (JUSNL) DUE TO 220 KV BUS-1 BUSAR OPTD AT RAMCHANDRAPUR SS.
XMER	315MVA,400/220KV ICT-1 AT JAMSHEDPUR	SCSD	05/07/22	09:32:00	05/07/22	20:48:00	0.47	0.00	0.00	0.00	11.27	100.00	* FOR REPLACEMENT <(>-&<-> TESTING OF TEED-2 RELAY UNDER ADD. CAP
XMER	315MVA,400/220KV ICT-1 AT JAMSHEDPUR	OSPD	08/07/22	11:37:00	08/07/22	17:43:00	0.25	0.00	0.00	0.00	6.10	100.00	* SD TAKEN BY JUSNL FOR TESTING OF BUS BAR DIFFERENTIAL RELAY AT RAMCHANDRAPUR.
XMER	315MVA,400/220KV ICT-1 AT JAMSHEDPUR	OMSU	09/07/22	14:27:00	09/07/22	15:01:00	0.02	0.00	0.57	0.00	0.00	100.00	* TRIPPED ONLY FROM RAMCHANDRAPUR END(JUSNL) DUE TO TRIPPING OF 220KV BUS-I AT RAMCHANDRAPUR. DURING TESTING OF BUS BAR -II DIFFERENTIAL RELAY AT RAMCHANDARPUR 220KV BUS-I TRIPPED.
XMER	315MVA,400/220KV ICT-2 AT JAMSHEDPUR	OMSU	26/07/22	16:28:00	26/07/22	18:04:00	0.07	0.00	1.60	0.00	0.00	100.00	* TRIPPED ONLY FROM LV SIDE AT RAMCHANDRAPUR (JUSNL) DUE TO 220 KV BUS-1 BUSAR OPTD AT RAMCHANDRAPUR SS.
XMER	315MVA,400/220KV ICT-2 AT JAMSHEDPUR	OMSU	27/07/22	10:55:00	27/07/22	12:47:00	0.08	0.00	1.87	0.00	0.00	100.00	* TRIPPED ONLY FROM LV SIDE AT RAMCHANDRAPUR (JUSNL) DUE TO 220 KV BUS-1 BUSAR OPTD AT RAMCHANDRAPUR SS AT 10:55HRS ON DTD 27.07.22.
XMER	315MVA,400/220KV ICT-2 AT JAMSHEDPUR	OMSU	08/07/22	14:27:00	08/07/22	17:04:00	0.11	0.00	2.62	0.00	0.00	100.00	* TRIPPED ONLY FROM RAMCHANDRAPUR END ONLY DUE TO PROBLEM AT THEIR END(JUSNL END)
XMER	315MVA,400/220KV ICT-2 AT JAMSHEDPUR	OMSU	08/07/22	11:37:00	08/07/22	13:49:00	0.09	0.00	2.20	0.00	0.00	100.00	* ICT TRIPPED ON INTER TRIP RECEIVED AT JAMSHEDPUR DUE TO VOLTAGE SELECTION ISSUE IN LV CVT AT RAMCHANDRAPUR(JUSNL END).
XMER	315MVA,400/220KV ICT-2 AT JAMSHEDPUR	OMSU	09/07/22	14:27:00	09/07/22	15:02:00	0.02	0.00	0.58	0.00	0.00	100.00	* TRIPPED ONLY FROM RAMCHANDRAPUR END(JUSNL) DUE TO TRIPPING OF 220KV BUS-I AT RAMCHANDRAPUR. DURING TESTING OF BUS BAR -II DIFFERENTIAL RELAY AT RAMCHANDARPUR 220KV BUS-I TRIPPED.
XMER	315MVA,400/220KV ICT-3 AT JAMSHEDPUR	OMSU	22/07/22	13:00:00	22/07/22	15:30:00	0.10	0.00	2.50	0.00	0.00	100.00	* TRIPPED ONLY FROM RAMCHANDRAPUR END AT 13:00HRS ON DTD 22.07.22 DURING TESTING OF BUSBAR AT RAMCHANDRAPUR SS.
XMER	315MVA,400/220KV ICT-3 AT JAMSHEDPUR	OSPD	09/07/22	11:09:00	09/07/22	17:59:00	0.29	0.00	0.00	0.00	6.83	100.00	* SD TAKEN BY JUSNL FOR TESTING OF BUS BAR DIFFERENTIAL RELAY AT RAMCHANDARPUR (JUSNL END)
XMER	315MVA,400/220KV ICT-3 AT JAMSHEDPUR	OMSU	22/07/22	07:06:00	22/07/22	09:17:00	0.09	0.00	2.18	0.00	0.00	100.00	* TRIPPED FROM 220KV SIDE RAMCHANDRAPUR END ONLY DUE TO OPERATION OF BUS BAR PROTECTION.
XMER	315MVA,400/220KV ICT-1 AT KISHENGANJ			00:00:00		00:00:00	0.48	0.00	4.68	0.00	6.83	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			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 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			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 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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	160MVA,220/132KV ICT-1 AT PURNEA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	160MVA,220/132KV ICT-2 AT PURNEA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	160MVA,220/132KV ICT-3 AT PURNEA			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 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			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 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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.00	0.00	0.00	0.00	0.00	100.00	
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	
							0.00	0.00	0.00	0.00	0.00	100.00	
							137.89	135.84	64.13	355.35	2,754.27	25,781.68	