

Standard of Performance data for the month of Sept-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	OMSU	28/09/22	15:04:00	28/09/22	17:42:00	0.11	0.00	2.63	0.00	0.00	100.00	* TRIPPED DUE TO 400KV BUS-I TRIPPED DURING INTERCONNECTION OF EXISTING 400KV BUS-II WITH NEW BUS (WORK/TESTING WORK OF JUSNL) BY THE AGENCIES M/S. XIAN <(-&-<-> ABB.
BSR	125MVAR.BUS REACTOR-1 AT CHANDWA	OMSU	19/09/22	16:50:00	19/09/22	19:56:00	0.13	0.00	3.10	0.00	0.00	100.00	* TRIPPED DUE TO 400KV BUS-II TRIPPED DURING INTERCONNECTION OF EXISTING 400KV BUS -I WITH NEW BUS (WORK/TESTING WORK OF JUSNL) BY THE AGENCIES M/S. XIAN <(-&-<-> ABB.
BSR	125MVAR.BUS REACTOR-2 AT CHANDWA	OMSU	28/09/22	15:04:00	28/09/22	17:44:00	0.11	0.00	2.67	0.00	0.00	100.00	* TRIPPED DUE TO 400KV BUS-I TRIPPED DURING INTERCONNECTION OF EXISTING 400KV BUS-II WITH NEW BUS (WORK/TESTING WORK OF JUSNL) BY THE AGENCIES M/S. XIAN <(-&-<-> ABB.
BSR	125MVAR.BUS REACTOR-2 AT CHANDWA	OMSU	19/09/22	16:50:00	19/09/22	19:56:00	0.13	0.00	3.10	0.00	0.00	100.00	* TRIPPED DUE TO 400KV BUS-II TRIPPED DURING INTERCONNECTION OF EXISTING 400KV BUS -I WITH NEW BUS (WORK/TESTING WORK OF JUSNL) BY THE AGENCIES M/S. XIAN <(-&-<-> ABB.
BSR	80MVAR.BUS REACTOR-1 AT DALTANGANJ			00:00:00		00:00:00	0.00	0.00	5.77	0.00	0.00	100.00	
BSR	125MVAR.BUS REACTOR-1 AT GAYA	SVRD	01/09/22	00:00:01	30/09/22	23:59:59	30.00	0.00	0.00	0.00	0.00	100.00	* H/T IN V/R AS PER ERLDC INSTRUCTION. VOLTAGE CHANGE: 393/394,222/223
BSR	240MVAR.BUS REACTOR-1 AT GAYA	SVRD	01/09/22	00:00:01	13/09/22	10:13:00	12.43	0.00	0.00	0.00	0.00	100.00	* H/T IN V/R AS PER ERLDC INSTRUCTION. H/T IN V/R. VOLTAGE CHANGE: 747/753= .392/394
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	SCSD	14/09/22	09:37:00	14/09/22	18:32:00	0.37	0.00	0.00	0.00	8.92	100.00	* FOR REPLACEMENT, COMMISSIONING <(-&-<-> TESTING OF TEED-1 RELAY UNDERADD. CAP.
BSR	49MVAR.BUS REACTOR-1 AT JAMSHEDPUR	SCSD	15/09/22	09:33:00	15/09/22	18:20:00	0.37	0.00	0.00	0.00	8.78	100.00	* FOR REPLACEMENT, COMMISSIONING <(-&-<-> TESTING OF TEED-1 RELAY UNDERADD. CAP. VOL CHNG- 412/414 kV
BSR	49MVAR.BUS REACTOR-1 AT JAMSHEDPUR	SCSD	16/09/22	09:32:00	16/09/22	18:19:00	0.37	0.00	0.00	0.00	8.78	100.00	* FOR CSD COMMISSIONING <(-&-<-> TESTING FOR MAIN BAY CB(412) RETROFITTED UNDERADD. CAP
BSR	49MVAR.BUS REACTOR-1 AT JAMSHEDPUR	SCSD	22/09/22	11:22:00	22/09/22	17:25:00	0.25	0.00	0.00	0.00	6.05	100.00	* CSD <(-&-<-> TEED-2 RELAY COMMISSIONING <(-&-<-> TESTING UNDER ADD. CAP
BSR	49MVAR.BUS REACTOR-1 AT JAMSHEDPUR	SCSD	20/09/22	09:37:00	20/09/22	19:29:00	0.41	0.00	0.00	0.00	9.87	100.00	* FOR CSD COMMISSIONING <(-&-<-> TESTING FOR TIE BAY CB(411) RETROFITTED UNDER ADD CAP
BSR	49MVAR.BUS REACTOR-1 AT JAMSHEDPUR	SCSD	21/09/22	11:24:00	21/09/22	18:52:00	0.31	0.00	0.00	0.00	7.47	100.00	* FOR CSD COMMISSIONING <(-&-<-> TESTING FOR TIE BAY CB(411) RETROFITTED UNDER ADD CAP
BSR	49MVAR.BUS REACTOR-1 AT JAMSHEDPUR	SCSD	19/09/22	09:56:00	19/09/22	19:10:00	0.39	0.00	0.00	0.00	9.23	100.00	* FOR CSD COMMISSIONING <(-&-<-> TESTING FOR TIE BAY CB (411)* RETROFITTED UNDER ADD. CAP.
BSR	175MVAR.BUS REACTOR-2 AT JAMSHEDPUR	SCSD	28/09/22	10:08:00	28/09/22	20:21:00	0.43	0.00	0.00	0.00	10.22	100.00	* S/D taken for replacement, commissioning and testing of TEED-1 <(-&-<-> 2 relay under ADD-CAP.
BSR	175MVAR.BUS REACTOR-2 AT JAMSHEDPUR	SCSD	27/09/22	09:31:00	27/09/22	19:47:00	0.43	0.00	0.00	0.00	10.27	100.00	* S/D taken for TEED-1 relay retrofitting work of 125MVAR B/R-2 at Jamshedpur.
BSR	175MVAR.BUS REACTOR-2 AT JAMSHEDPUR	SCSD	29/09/22	10:21:00	29/09/22	20:19:00	0.42	0.00	0.00	0.00	9.97	100.00	* SD TAKEN FOR REPLACEMENT, COMMISSIONING <(-&-<-> TESTING OF TEED-1 AND 2 RELAY UNDER ADD. CAP
BSR	125MVAR.BUS REACTOR-3 AT JAMSHEDPUR	SCSD	19/09/22	09:56:00	19/09/22	19:10:00	0.39	0.00	0.00	0.00	9.23	100.00	* FOR CSD COMMISSIONING <(-&-<-> TESTING FOR TIE BAY CB (411)* RETROFITTED UNDER ADD. CAP.
BSR	125MVAR.BUS REACTOR-3 AT JAMSHEDPUR	SCSD	21/09/22	11:24:00	21/09/22	18:52:00	0.31	0.00	0.00	0.00	7.47	100.00	* FOR CSD COMMISSIONING <(-&-<-> TESTING FOR TIE BAY CB(411) RETROFITTED UNDER ADD CA
BSR	125MVAR.BUS REACTOR-3 AT JAMSHEDPUR	SCSD	20/09/22	09:37:00	20/09/22	19:29:00	0.41	0.00	0.00	0.00	9.87	100.00	* SD TAKEN FOR CSD COMMISSIONING <(-&-<-> TESTING FOR TIE BAY CB(411). RETROFITTED UNDER ADD CAP.
BSR	125MVAR.BUS REACTOR-3 AT JAMSHEDPUR	SCSD	16/09/22	09:32:00	16/09/22	18:19:00	0.37	0.00	0.00	0.00	8.78	100.00	* SD TAKEN FOR CSD COMMISSIONING <(-&-<-> TESTING FOR MAIN BAY CB(412) RETROFITTED UNDERADD. CAP
BSR	125MVAR.BUS REACTOR-3 AT JAMSHEDPUR	SCSD	22/09/22	11:22:00	22/09/22	17:25:00	0.25	0.00	0.00	0.00	6.05	100.00	
BSR	125MVAR.BUS REACTOR-3 AT JAMSHEDPUR	SCSD	14/09/22	09:37:00	14/09/22	18:32:00	0.37	0.00	0.00	0.00	8.92	100.00	* SD TAKEN FOR REPLACEMENT, COMMISSIONING <(-&-<-> TESTING OF TEED-1 RELAY UNDERADD. CAP.
BSR	125MVAR.BUS REACTOR-3 AT JAMSHEDPUR	SCSD	15/09/22	09:33:00	15/09/22	18:20:00	0.37	0.00	0.00	0.00	8.78	100.00	* SD TAKEN FOR REPLACEMENT, COMMISSIONING <(-&-<-> TESTING OF TEED-1 RELAY UNDERADD. CAP.
BSR	125MVAR.BUS REACTOR-2 AT KISHANGANJ			00:00:00		00:00:00	0.00	0.00	0.00	0.00	59.10	100.00	
BSR	125MVAR.BUS REACTOR-1 AT KISHANGANJ			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	29/09/22	19:27:00	30/09/22	23:59:59	1.19	0.00	0.00	0.00	28.55	100.00	* HAND TRIPPED FOR VOLTAGE REGULATION AS PER ERLDC INSTRUCTION.
BSR	125MVAR.BUS REACTOR-2 AT MUZAFFARPUR	SVRD	01/09/22	00:00:01	12/09/22	16:34:00	11.69	0.00	0.00	0.00	280.57	100.00	* HAND TRIPPED FOR VOLTAGE REGULATION AS PER ERLDC INSTRUCTION.
BSR	125MVAR.BUS REACTOR-2 AT MUZAFFARPUR	SVRD	23/09/22	20:54:00	30/09/22	23:59:59	12.88	0.00	0.00	0.00	309.12	100.00	* HAND TRIPPED FOR VOLTAGE REGULATION AS PER ERLDC INSTRUCTION.
BSR	125MVAR.BUS REACTOR-2 AT MUZAFFARPUR	SVRD	01/09/22	00:00:01	11/09/22	14:22:00	10.60	0.00	0.00	0.00	254.67	100.00	* HAND TRIPPED FOR VOLTAGE REGULATION AS PER ERLDC INSTRUCTION.
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	01/09/22	00:00:01	30/09/22	23:59:59	30.00	0.00	0.00	0.00	0.00	100.00	
BSR	330MVAR.BUS REACTOR-1 AT SASARAM	SVRD	11/09/22	22:51:00	12/09/22	05:18:00	0.27	0.00	0.00	0.00	6.45	100.00	* HAND TRIPPED FOR VOLTAGE REGULATION AS PER ERLDC INSTRUCTION.
BSR	125MVAR.BUS REACTOR-2 AT SASARAM	SVRD	01/09/22	00:00:01	11/09/22	14:38:00	10.61	0.00	0.00	0.00	254.63	100.00	* H/T FOR VOLTAGE REGULATION AS PER ERLDC INSTRUCTION.
BSR	125MVAR.BUS REACTOR-2 AT SASARAM	SVRD	23/09/22	20:57:00	30/09/22	23:59:59	7.13	0.00	0.00	0.00	171.05	100.00	* HAND TRIPPED FOR VOLTAGE REGULATION AS PER ERLDC INSTRUCTION.
CKT	132kV ARA-ARA(BSPCTL)-1	OMSU	04/09/22	10:19:00	05/09/22	01:01:00	0.61	0.00	14.70	0.00	0.00	100.00	* TO FACILITAE THE BUS S/D AT ARA
CKT	132kV ARA-ARA(BSPCTL)-1	OMSU	17/09/22	16:26:00	17/09/22	17:12:00	0.03	0.00	0.77	0.00	0.00	100.00	* TRIPPED DUE TO R-N FAULT. * ARA( PG) FC-2.67KA.-FD-18.19KM. ZONE-3

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	132kV ARA-ARA(BSPCTL)-1	OMSU	17/09/22	17:28:00	17/09/22	17:51:00	0.02	0.00	0.38	0.00	0.00		* TRIPPED DUE TO BACKUP EARTH FAULT PROTECTION STAGE-3 , R-N FAULT* -FD-NA, FROM ARA(PG) AND FC-6.548KA.
CKT	132kV ARA-ARA(BSPCTL)-1	OMSU	14/09/22	16:35:00	14/09/22	18:36:00	0.08	0.00	2.02	0.00	0.00		* SD TAKEN TO FACILITATE THE SD OF 132KV MAIN BUS AT ARA(PG)
CKT	132kV ARA-ARA(BSPCTL)-1	OSPT	03/09/22	13:11:00	03/09/22	18:53:00	0.24	5.70	0.00	0.00	0.00		* FOR RECTIFICATION WORK OF LINE ISOAOR OF 132 KV ARA-ARA LINE AT ARA PG END. LINE CHARGED THROUGH TBC.
							0.96	5.70	17.87	0.00	0.00		99.19
CKT	132kV ARA-DUMRAON(BSPCTL)-1	OMSU	14/09/22	16:48:00	14/09/22	18:38:00	0.08	0.00	1.83	0.00	0.00		* SD TAKEN TO FACILITATE THE SD OF 132KV MAIN BUS AT ARA(PG)
CKT	132kV ARA-DUMRAON(BSPCTL)-1	LPRD	08/09/22	07:30:00	10/09/22	06:27:00	1.96	0.00	0.00	0.00	46.95		* HAND TRIPPED FOR POWER REGULATION AS PER ERLDC INSTRUCTION DURING SD OF ICT-II AT ARA
CKT	132kV ARA-DUMRAON(BSPCTL)-1	OMSU	17/09/22	22:05:00	17/09/22	23:14:00	0.05	0.00	1.15	0.00	0.00		* TRIPPED DUE TO Y-N FAULT. FAULT DETAILS-ARA(AFAS)-FD-19.8KM, FC-3.098KA. ARA(SITE)-FD-18.59KM, FC-3.051KA
CKT	132kV ARA-DUMRAON(BSPCTL)-1	OMSU	18/09/22	01:31:00	18/09/22	02:22:00	0.04	0.00	0.85	0.00	0.00		* TRIPPED DUE TO Y-N FAULT. FAULT DETAILS-ARA(AFAS)-FD-19.894KM, FC-3.138KA.
CKT	132kV ARA-DUMRAON(BSPCTL)-1	OMSU	04/09/22	10:15:00	04/09/22	18:25:00	0.34	0.00	8.17	0.00	0.00		* TO FACILITAE THE BUS S/D AT ARA
							2.47	0.00	12.00	0.00	46.95		100.00
CKT	132kV DEHRI(BSPCTL)-KUDRA(BSPCTL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		100.00
CKT	132kV KUDRA(BSPCTL)-SASARAM-1	OSPD	20/09/22	07:24:00	20/09/22	11:02:00	0.15	0.00	0.00	0.00	3.63		* SD TAKEN DUE TO BUS SD AT DEHRI BY BSPCTL AND AVAILING POWER FROM MOHANIA TO PUSAULI.
							0.15	0.00	0.00	0.00	3.63		100.00
CKT	132kV MOHANIA(BSPCTL)-KARMANASHA(BSPCTL)			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
							0.00	0.00	0.00	0.00	0.00		100.00
CKT	132kV SASARAM-MOHANIA(BSPCTL)	OSPD	05/09/22	09:08:00	05/09/22	09:24:00	0.04	0.00	0.00	0.00	0.27		* S/D TAKEN BY BSPCTL FOR LOAD SHIFTING OF RAILWAY TSS
CKT	132kV SASARAM-MOHANIA(BSPCTL)	OSPD	07/09/22	12:58:00	07/09/22	13:11:00	0.01	0.00	0.00	0.00	0.22		* S/D TAKEN BY BSPCTL FOR POWER CHANGE OVER.
							0.02	0.00	0.00	0.00	0.48		100.00
CKT	220kV ARA-DUMRAON(BSPCTL)-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(BSPCTL)-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			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 DEHRI(BSPCTL)-SASARAM-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(BSPCTL)-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(BSPCTL)-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(BSPCTL)-1(LILO PART)	OSPT	16/09/22	16:11:00	16/09/22	21:34:00	0.22	5.38	0.00	0.00	0.00		* SD TAKEN FOR REPLACEMENT OF FAULTY MAIN 2 RELAY AT GAYA
							0.22	5.38	0.00	0.00	0.00		99.25
CKT	220kV GAYA-DEHRI(BSPCTL)-2(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	220kV NAUBATPUR(BGCL) -KHAGAU CKT-1	OSPD	14/09/22	13:30:00	14/09/22	16:10:00	0.11	0.00	0.00	0.00	2.67		* SD TAKEN FOR ATTENDING HOT SPOT IN Y PH CT AT KHAGAU(L BSPCTL) END.
							0.11	0.00	0.00	0.00	2.67		100.00
CKT	220kV NAUBATPUR(BGCL) -KHAGAU CKT-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 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	OSPT	26/09/22	09:54:00	26/09/22	19:22:00	0.39	9.47	0.00	0.00	0.00		* S/D TAKEN FOR LINE BAY AMP WORK AT DALKHOLA BY ER2
CKT	220 kv DALKHOLA-PURNEA -1	LNCC	17/09/22	06:25:00	17/09/22	16:12:00	0.41	0.00	0.00	9.78	0.00		* TRIPPED AT 06:25HRS ON DTD 17.09.22 DUE TO R-Y-N FAULT. FAULT DETAILS-PURNEA(AFAS)-M1-FD-26.69KM, FC-IR-7.142KA, IY-7.142, IN-4.078KA, M2-FD-26.779KM, IR-7.090KA, IN-4.221KA, DOUBLE END-27.90KM, FC-7.09KA, PURNEA(SITE)-M1-FD-26.71KM, FC-IR-6.415KA, IY-6.05KA, M2- FD-26.61KM, FC-IR-6.32KA, IY-5.98KA. DALKHOLA-M1-FD-12.21KM, FC-IR-9.53KA, IY-9.0KA, M2-FD-12.62KM, FC-IR-9.449KA, IY-8.834KA
							0.80	9.47	0.00	9.78	0.00		98.67
CKT	220 kv DALKHOLA-PURNEA -2	OSPT	27/09/22	09:51:00	27/09/22	20:10:00	0.43	10.32	0.00	0.00	0.00		* S/D TAKEN FOR LINE BAY AMP WORK AT DALKHOLA BY ER-2.
							0.43	10.32	0.00	0.00	0.00		98.57
CKT	220kV PURNEA-NEW PURNEA-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 PURNEA-NEW PURNEA-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-CHANDLI(JUSNL)	OSPD	20/09/22	10:19:00	20/09/22	18:34:00	0.34	0.00	0.00	0.00	8.25		* straining of broken earth wire between location no. 131 and 132. S/D TAKEN BY JUSNL
CKT	220kV RANCHI-CHANDLI(JUSNL)	OMSU	27/09/22	11:52:00	27/09/22	12:48:00	0.04	0.00	0.93	0.00	0.00		* TRIPPED DUE TO B-N FAULT. RNC (AFAS) M1: FD- 24.591 KM, FC- 3.406 KA. M2:FD- 28.723 KM, FC- 3.407 KA, FAULT IN JUSNL JURISDICTION.
CKT	220kV RANCHI-CHANDLI(JUSNL)	OMSU	19/09/22	15:32:00	19/09/22	16:23:00	0.04	0.00	0.85	0.00	0.00		* TRIPPED DUE TO Y PHASE TO GROUND FAULT .FD-29.625KM FROM RANCHI( UNDER JUSNL JURISDICTION) AND FC-5.314KA.
							0.42	0.00	1.78	0.00	8.25		100.00
CKT	220kV RANCHI-HATIA(JSEB)-2	OMSU	24/09/22	14:04:00	30/09/22	23:59:59	6.41	0.00	153.93	0.00	0.00		* TRIPPED DUE TO B-N FAULT. FAULT DETAILS-RANCHI(AFAS)-M1-FD-30.37KM( JUSNL JURISDICTION), FC-4.7KA, M2-FD-30.45KM, FC-4.7KA, HATIA- FD-11.3KM, FC-8.86KA. AS PER SLDG RANCHI TOWER COLLAPS AT LOC NO 10 DUE TO HIT BY TRUCK. OTHER CKT IS 132KV HATIA-TAMAR-S/C ON THE SAME TOWER.
CKT	220kV RANCHI-HATIA(JSEB)-2	OMSU	20/09/22	05:22:00	20/09/22	10:51:00	0.23	0.00	5.48	0.00	0.00		* TRIPPED ONLY FROM HATIA END DUE TO PROBLEM AT HATIA END
							6.64	0.00	159.41	0.00	0.00		100.00
CKT	220kV RANCHI-HATIA(JSEB)-1	OMSU	28/09/22	14:22:00	28/09/22	15:02:00	0.03	0.00	0.67	0.00	0.00		* A/R SUCCESSFUL FROM RANCHI END AND TRIPPED FROM HATIA END. DUE TO R-N FLULT. RNC(AFAS) M1: FD- 12.819 KM, FC- 7.917 KA, M2- FD- 18.868 KM, FC- 7.885 KA, RNC (SITE): M1- FD- 12.9 KM, FC- 7.1 KA, M2- FD- 18.6 KM, FC- 7.275 KA. FAULT IN JUSNL JURISDICTION.
							0.03	0.00	0.67	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
							0.00	0.00	0.00	0.00	0.00		100.00
CKT	220kV SASARAM-NADOKHAR(BSPCTL)-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(BSPCTL)-2	OSPD	30/09/22	13:53:00	30/09/22	13:59:00	0.00	0.00	0.00	0.00	0.10		* OPENED FROM NADOKHAR END ONLY FOR SHIFTING THE LINE FROM 220KV BUS-2 TO BUS- 1 AT NADOKHAR BY BSPCTL.
							0.00	0.00	0.00	0.00	0.10		100.00
CKT	220kV SASARAM-NEW KARMANASHA(BSPCTL)	OSPT	27/09/22	12:48:00	27/09/22	16:08:00	0.14	3.33	0.00	0.00	0.00		* S/D TAKEN FOR ATTENDING HOT SPOT IN R-PH CT CONNECTOR AT PUSAULI.
							0.14	3.33	0.00	0.00	0.00		99.54
CKT	400kV BANKA BIHARSARIF-1	LART	15/09/22	18:32:00	15/09/22	18:32:00	0.00	0.00	0.00	0.00	0.00		* A/R SUCCESSFUL FROM BOTH ENDS DUE TO R-N FAULT AT 18:32HRS ON DTD 15.09.22. FAULT DEATIALS- BSF(AFS)-M1-FD-129.87KM, FC-2.956KA, M2-F= D-119.45KM, FC-2.966KA, BIHARSHARIF(SITE)- M1-FD-127.8KM, FC-2.91KA, M2-FD-119.1KM, FC-2.591KA BANKA(AFAS)- M1-FD-58.36KM, FC-4.89KA, M2-FD-57.96KM, FC-4.871KA, BANKA(SITE)- FD-60.1KM, FC-4.5KA, M2-FD-57.17KM, FC-4.28KA
							0.00	0.00	0.00	0.00	0.00		100.00
CKT	400kV BANKA BIHARSARIF-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)-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	LART	24/09/22	12:42:00	24/09/22	12:42:00	0.00	0.00	0.00	0.00</			

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 BARH(NTPC)-PATNA-3	OSFD	09/09/22	10:44:00	09/09/22	18:37:00	0.33	0.00	0.00	0.00	0.00	7.88	* SD TAKEN BY NTPC BARH TO ATTEND HOTSPOT IN LINE ISOLATOR AT BARH NTPC.
CKT	400kV BARH(NTPC)-PATNA-3	LCSO	19/09/22	11:47:00	30/09/22	23:59:59	11.51	0.00	0.00	0.00	0.00	276.22	* SD TAKEN FOR DIVERSION WORKS FOR CONSTRUCTION OF FOUR LANE FROM BAKHTIYARPUR TO MOKAMA BY NHAI BETWEEN LOC NO 31-38
							11.84	0.00	0.00	0.00	0.00	284.10	
CKT	400kV BARH(NTPC)-PATNA-4	LCSO	19/09/22	11:47:00	30/09/22	23:59:59	11.51	0.00	0.00	0.00	0.00	276.22	* SD TAKEN FOR DIVERSION WORKS FOR CONSTRUCTION OF FOUR LANE FROM BAKHTIYARPUR TO MOKAMA BY NHAI BETWEEN LOC NO 31-38
							11.51	0.00	0.00	0.00	0.00	276.22	
CKT	400 kV BIHARSHARIF-BALIA-1	LNCC	19/09/22	10:10:00	19/09/22	22:01:00	0.49	0.00	0.00	0.00	11.85	0.00	* S/D TAKEN FOR REPLACEMENT OF FLASHED INSULATOR
CKT	400 kV BIHARSHARIF-BALIA-1	LART	24/09/22	13:27:00	24/09/22	13:27:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R SUCCESSFUL FROM BOTH ENDS DUE TO B-N FAULT. FAULT DETAILS-BIHARSHARIF(AFAS)- M1-FD-55.53KM, M2-NA, BIHARSHARIF(SITE)- M1-FD-54.39KM,FC-6.077KA,M2-FD-55.7KM,FC-5.81KA, BALIA(AFAS)-M1-FD-187.93KM, FC-2.96KA, M2- FD-195.7KM, FC-2.897KA, BALIA(SITE)-M1-FD-189.3KM, FC-2.54KA, M2-FD-206.9KM, FC-2.46KA, TWFL-59.73KM FROM BIHARSHARIF, PILOT INSULATOR BLAST AT LOC NO. 159 (TOP PH). DUE TO HEAVY THUNDERSTORM AND LIGHTNING IN AROUND THE FAULT AREA.
CKT	400 kV BIHARSHARIF-BALIA-1	LNCC	25/09/22	09:36:00	25/09/22	14:00:00	0.18	0.00	0.00	4.40	0.00	0.00	* S/D TAKEN DUE FOR RECTIFICATION OF DECAPPED PILOT INSULATOR AT LOC-159, CAUSED BY HEAVY THUNDERSTORM AND LIGHTNING IN AROUND THE FAULT AREA AND THE SAID LINE A/R ON DT-24.09.22
CKT	400 kV BIHARSHARIF-BALIA-1	LART	09/09/22	15:09:00	09/09/22	15:09:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R SUCCESSFULLY OPERATED FROM BOTH END ON B-N FAULT DUE TO THUNDERSTORM. FD-54.96KM FROM BIHARSHARIF AND FC-6.483KA
CKT	400 kV BIHARSHARIF-BALIA-1	LART	09/09/22	15:12:00	09/09/22	15:12:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R SUCCESSFULLY OPERATED FROM BOTH END ON B-N FAULT DUE TO THUNDERSTORM AROUND THE FAULT.FD-49.62KM FROM BIHARSHARIF AND FC-6.44KA
CKT	400 kV BIHARSHARIF-BALIA-1	LART	17/09/22	16:22:00	17/09/22	16:22:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R SUCCESSFUL FROM BOTH ENDS DUE TO Y-N FAULT. BSF AFAS- M1-F.D-107.368KM, F.C-4.05KA, M2-F.D-108.305KM, F.C-4.04KA. BALLIA AFAS- M1-F.D-86.422KM, F.C-5.36KA, M2-F.D-85.499KM, F.C-4.35KA. BSF SITE- M1-F.D-105.6KM, F.C-3.835KA, M2-F.D-106.8KM, F.C-3.83KA TWFL distance - 123.63 km from BSF
CKT	400 kV BIHARSHARIF-BALIA-2	LNCC	20/09/22	09:49:00	20/09/22	20:25:00	0.67	0.00	0.00	16.25	0.00	100.00	* FOR REPLACEMENT OF FLASHED INSULATOR.
							0.44	0.00	0.00	10.60	0.00	100.00	
CKT	400kV BIHARSHARIF-MUZAFFARPUR-1	LNCC	24/09/22	13:17:00	24/09/22	19:58:00	0.28	0.00	0.00	6.68	0.00	100.00	* TRIPPED ON Y-N FAULT DUE TO SEVERE THUNDERSTORM AND LIGHTNING AROUND THE FAULT AREA. FD-2.26KM FROM MUZAFFARPUR AND FC-21.02KA.DECAPPED INSULATOR FOUND AT LOC NO 340
CKT	400kV BIHARSHARIF-MUZAFFARPUR-1	LNCC	08/09/22	11:31:00	08/09/22	17:21:00	0.24	0.00	0.00	5.83	0.00	100.00	* TRIPPED ON R-Y FAULT DUE TO SEVERE THUNDERSTORM AND LIGHTNING AROUND THE FAULT AREA.FD-24.7KM FROM MUZAFFARPUR AND FC-1r-14.7KA,ly-14.43KA.* DE-CAPPED INSULATOR FAUND AT LOC NO 279 (TOP PH)
							0.52	0.00	0.00	12.51	0.00	100.00	
CKT	400kV BIHARSHARIF-MUZAFFARPUR-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-SASARAM-1	LART	02/09/22	16:40:00	02/09/22	16:40:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R SUCCESSFUL FROM BOTH ENDS DUE TO R-N FAULT. SASARAM AFAS DETAILS-M1-F.D.=162.5KM,F.C.=2.5KAMP. M2-167.3KM,F.C.=2.5KAMP.BSF AFAS DETAILS-M2-F.D.=34.8KM,F.C.=8.0KAMP,M1-F.D.=34.0,F.C.=8.08KAMP.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BIHARSHARIF-SASARAM-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-VARANASI-1	LNCC	17/09/22	19:24:00	17/09/22	20:11:00	0.03	0.00	0.00	0.78	0.00	100.00	* TRIPPED AT 19:24HRS ON DT-17/09/2022 DUE TO R-G FAULT, FC-8.002 KA <(-&<-> FD-32.265km(AFAS/M1) FROM BIHARSHARIF.* BSF SITE- M1-F.D-33.85KM, F.C-7.852KA, M2-F.D-33.12KM, F.C-8.479KA TWFL distance - 36.65 km from BSF
CKT	400kV BIHARSHARIF-VARANASI-1	LART	01/09/22	13:56:00	01/09/22	13:56:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFULLY OPERATED FROM BOTH END DUE TO Y-N FAULT AT 13:56HRS ON DTD 01.09.22.* DETAILS FROM BIHARSHARIF* M1: FD=201.5KM, FC=2.23KA, M2: FD=197.27KM, FC=2.23KA.* TWFL-FD-203.7KM.* DETAILS FROM VARANASI* M1-FD-114.9KM,FC-3.39KA,M2-FD-111.7KM,FC-3.4KA.
							0.03	0.00	0.00	0.78	0.00	100.00	
CKT	400kV BIHARSHARIF-VARANASI-2	LART	20/09/22	20:42:00	20/09/22	20:42:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R SUCCESSFUL FROM BOTH ENDS DUE TO B-N FAULT. FAULT DETAILS-* BSF (AFAS) M1: FD- 34.893 KM, FC- 7.461 KA, M2: FD- 34.823 KM, FC- 7.386 KA, FAULT DETAILS-BSF (SITE) M1: FD- 36.74 KM, FC- 7.282 KA, M2: FD- 37.6 KM, FC- 7.793 KA. BSF TWFL DETAILS-38.86 KM* VNS(SITE)-M1-307.4 KM, 1.48 KA, M2-230.1 KM, 1.489 KA(TWFL VNS-282.11 KM)
							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	100.00	
							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	100.00	
							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	100.00	
							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	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV CHANDWA-GAYA-1	OMSU	19/09/22	16:50:00	19/09/22	19:40:00	0.12	0.00	2.83	0.00	0.00	0.00	* TRIPPED DUE TO 400KV BUS-II TRIPPED DURING INTERCONNECTION OF EXISTING 400KV BUS -I WITH NEW BUS (WORK/TESTING WORK OF JUSNL) BY THE AGENCIES M/S. XIAN <(-&<-> ABB
CKT	400kV CHANDWA-GAYA-1	OMSU	28/09/22	15:04:00	28/09/22	17:29:00	0.10	0.00	2.42	0.00	0.00	0.00	* TRIPPED DUE TO 400KV BUS-I TRIPPED DURING INTERCONNECTION OF EXISTING 400KV BUS-II WITH NEW BUS (WORK/TESTING WORK OF JUSNL) BY THE AGENCIES M/S. XIAN <(-&<-> ABB
							0.22	0.00	5.25	0.00	0.00	100.00	
CKT	400kV CHANDWA-GAYA-2	OMSU	19/09/22	16:50:00	19/09/22	19:51:00	0.13	0.00	3.02	0.00	0.00	0.00	* TRIPPED DUE TO 400KV BUS-II TRIPPED DURING INTERCONNECTION OF EXISTING 400KV BUS -I WITH NEW BUS (WORK/TESTING WORK OF JUSNL) BY THE AGENCIES M/S. XIAN <(-&<-> ABB.
CKT	400kV CHANDWA-GAYA-2	OMSU	28/09/22	15:04:00	28/09/22	17:32:00	0.10	0.00	2.47	0.00	0.00	0.00	* TRIPPED DUE TO 400KV BUS-I TRIPPED DURING INTERCONNECTION OF EXISTING 400KV BUS-II WITH NEW BUS (WORK/TESTING WORK OF JUSNL) BY THE AGENCIES M/S. XIAN <(-&<-> ABB
							0.23	0.00	5.49	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	LART	02/09/22	16:01:00	02/09/22	16:01:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R SUCCESSFUL FROM BOTH ENDS DUE TO R-N FAULT.GAYA AFAS DETAILS M1- DETAILS- F.D.=2.46KM,F.C.=27.83KAMP. AFAS M2-F.D.=2.58KM,F.C.=24.83KAMP. CHANDAUTI SITE DETAIL- M-1* Fault Type- R phase-N* Fault location-12.16km* Fault current-7.3KA* Fault Zone-Z1* M-2* Fault type-R phase-N* Fault location-12.17Km* Fault current-6.94KA* Fault zone-Z1 GAYA SITE DETAIL- Main1 fc-27.2KA FD- 2.6km* Main2 FC- 25.58KA FD 2.517km
							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	LNCC	01/09/22	13:19:00	01/09/22	19:54:00	0.27	0.00	0.00	6.58	0.00	0.00	* TRIPPED DUE TO R-B FAULT AT 13:19HRS ON DTD 01.09.22* DETAILS FROM MAITHON* M1-FD-192KM,FC-1r-3.32KA,lb-3.12KA.* M2-FD-192KM,FC-1r-3.34KA,lb-3.32KA.* DETAILS FROM GAYA* M1-FD-21.4KM,FC-1r-5KA,lb-14.1KA.* AFAS-M1-FD-21.169KM,FC-14.552 kA M2- 21.206 KM, 14.549 KA.
CKT	400kV GAYA MAITHON-1	LNCC	12/09/22	10:14:00	12/09/22	18:46:00	0.36	0.00	0.00	8.53	0.00	0.00	* FOR REPLACEMENT OF DAMAGED INSULATOR OF MIDDLE PHASE (Y-PH) AT MULTI CKT TOWER LOCATION NO-2
							0.63	0.00	0.00	15.11	0.00	100.00	
CKT	400kV GAYA MAITHON-2	OSPT	10/09/22	15:35:00	10/09/22	19:10:00	0.15	3.58	0.00	0.00	0.00	0.00	* S/D TAKEN FOR REPLACEMENT OF FAULTY MAIN-2 DISTANCE RELAY (REL670) AT GAYA SUBSTATION.
CKT	400kV GAYA MAITHON-2	LART	01/09/22	13:12:00	01/09/22	13:12:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R SUCCESSFULLY OPERATED FROM BOTH END DUE TO Y-N FAULT AT 13:12HRS ON DTD 01.09.22.* DETAILS FROM MAITHON* M1-FD-246KM,FC-1.94KA.* M2-FD-147.71KM,FC-2.069KA.** GAYA AFAS-M1-FD-69.58 KM, FC-5.24 KA* (Double End)-FD-115.965KM,FC-5.247 kA* (Double End)-FD-139.655KM,FC-4.723 kA
							0.15	3.58	0.00	0.00	0.00	99.50	* SD TAKEN BY ODISA FOR REPLACEMENT OF MAIN-2 RELAY AT BARIPADA.
CKT	400 kV TATA DVC-BARIPADA-1	OSPT	05/09/22	11:53:00	05/09/22	21:25:00	0.40	9.53	0.00	0.00	0.00	0.00	
CKT	400kV JAMSHEDPUR-BARIPADA-2	LNCC	26/09/22	13:47:00	26/09/22	19:14:00	0.23	0.00	0.00	5.45	0.00	98.68	* S/D TAKEN FOR ATTENDING CONDUCTOR SNAP BETWEEN R-PH LINE ISOLATOR TO WAVE TRAP AT JAMSHEDPUR, CAUSED BY HEAVY THUNDERSTORM AND LIGHTNING IN AROUND.
							0.23	0.00	0.00	5.45	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	100.00	
							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	100.00	
							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	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	400 KV JAKKANPUR NABINAGAR-1			00:00:00		00:00:00	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	
CKT	400KV KAHALGAON(NTPC)-BANKA-1			00:00:00		00:00:00	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	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	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	
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	
CKT	400KV FARAKKA(NTPC)-KAHALGAON(NTPC)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV KAHALGAON(NTPC)-LAKHISARAI-1	LNCC	18/09/22	02:17:00	18/09/22	02:42:00	0.02	0.00	0.00	0.42	0.00	100.00	* TRIPPED AT LAKHISARAI END AND A/R SUCCESSFUL AT KAHALGAON END DUE TO R-N FAULT AT 02:17 HRS ON DTD 18.09.22. FAULT DETAILS- LAKHISARAI (AFAS DETAILS)- M1-FC-11.236KA,FD-1.101KM, M2- FC-10.404KA= ,FD-1.224KM, LAKHISARAI(SITE)- M1-FD-.845KM, FC-10.4KA, M2-FD-.845, FC-10.4KA
CKT	400KV KAHALGAON(NTPC)-LAKHISARAI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.42	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	
CKT	400KV KAHALGAON(NTPC)-MAITHON-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV KODERMA(DVC)-BIHARSHARIF-1	LART	25/09/22	01:48:00	25/09/22	01:48:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFUL FROM BOTH ENDS DUE TO B-N FAULT. BIHARSHARIF (AFAS), M1-FC-3.823KA,FD-41KM , BIHARSHARIF SITE DETAILS M1-FC-3.66KA,FD-40.17=, M2-FC-3.59KA,FD-39.64km.
CKT	400KV KODERMA(DVC)-BIHARSHARIF-2	LART	25/09/22	01:48:00	25/09/22	01:48:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFUL FROM BOTH ENDS DUE TO B-N FAULT BIHARSHARIF (AFAS), M1-FC-3.75KA,FD-41.191KM, M2-FC-3.747KA,FD-41.346KM, BIHARSHARIF SS DETAILS M1-FC-3.626KA,FD-39.52KM,M2-FC-3.656KA,FD-39.0KM.
CKT	400KV KODERMA(DVC)-BOKARO(JBVNL)-1	LMAC	01/09/22	00:00:01	07/09/22	23:40:00	6.99	0.00	0.00	167.67	0.00	100.00	* TRIPPED DUE TO B-N FAULT - BOKARO (SITE)- Z-1, B, N, 4 kA, 72.14 km.* KODERMA SITE -FD-7.8 KM, F.C-22.61 KA(B-PH). * Tower No. - 06 (DA+0) bent from waist level.* Distance from DVC Koderma- 1.8 km.
CKT	400KV KODERMA(DVC)-BOKARO(JBVNL)-2	LMAC	01/09/22	00:00:01	07/09/22	23:18:00	6.97	0.00	0.00	167.30	0.00	100.00	* TRIPPED DUE TO B-N FAULT - BOKARO (SITE)- Z-1, B, N, 4 kA, 72.14 km.* KODERMA SITE -FD-7.8 KM, F.C-22.61 KA(B-PH). * Tower No.06 (DA+0) bent from waist level.* Distance from DVC Koderma- 1.8 km.
CKT	400KV KODERMA(DVC)-GAYA-1	LART	03/09/22	04:08:00	03/09/22	04:08:00	0.00	0.00	0.00	0.00	0.00	100.00	* SUCCESSFULLY A/ R FROM BOTH ENDS DUE TO R-N FAULT. GAYA(SITE) M1-119.7 KM, 3.31 KA. GAYA(AFAS) M1-126.5 KM, 4.67 KA, KODERMA-M1-F.D.-NA. _C.-19.38 KA, M2- 12.83 KM, 19.75 KA.
CKT	400KV KODERMA(DVC)-GAYA-1	OSPT	13/09/22	11:20:00	13/09/22	17:51:00	0.27	6.52	0.00	0.00	0.00	99.09	* REPLACEMENT OF MAIN-2 (REL 670) RELAY AT GAYA SS
CKT	400KV KODERMA(DVC)-GAYA-2	OMSU	12/09/22	10:11:00	12/09/22	21:47:00	0.48	0.00	11.60	0.00	0.00	100.00	* S/D WORK OF 400KV GAYA-MAITHON CKT-1
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	LART	28/09/22	04:16:00	28/09/22	04:16:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFUL FROM BOTH ENDS. DUE TO Y-N FAULT. SAHARSA AFAS DETAILS-M1-3.66 KM, FC-16.04 KA, KISHANGANJ AFAS-M1-183.2 KM, 3.6 KA, M2-183.2 KM, 3.6 KA, SAHARSA SITE DETAILS-M1-3.7 KM, FC-19.15 KA, M2-3.78 KM, FC-14.19 KA
CKT	400KV KISHANGANJ-SAHARSA-3(LILO PORTION)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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	LART	08/09/22	08:37:00	08/09/22	08:37:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFULLY OPERATED FROM BOTH END ON R-N FAULT.FD-102.4KM FROM* BIHARSHARIF AND FC-2.828KA.
CKT	400KV LAKHISARAI-BIHARSHARIF-1	GOVC	11/09/22	13:20:00	11/09/22	23:16:00	0.41	0.00	0.00	9.93	0.00	100.00	* TRIPPED DUE TO OVER VOLTAGE FROM BIHARSHARIF END. DT RECIEVE AT LKHISARAI END.
CKT	400KV LAKHISARAI-BIHARSHARIF-2	LART	28/09/22	22:53:00	28/09/22	22:53:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFULLY OPERATED FROM BOTH END DUE TO Y-N FAULT.* DETAILS FROM BIHARSHARIF(AFAS)* FAULT CURRENT: 5.163 kA, LOCATION: 87.820km (100.000%)* DETAILS FROM LAKHISARAI (AFAS): FAULT CURRENT: 7.767 kA , LOCATION: 17.049km (19.410%)* LAKHISARAI SITE-M1-FD-14.95KM,FC-7.833KA,M2-FD-19.26KM,FC-F7.593KA* BSF SITE Main-1, Fault -Y Ph - N, FC- 3.609KA, FD- 82.93KM, Zone 2* BSF SITE Main-2: Fault -Y Ph - N, FC-3.21 kA, FD-87.8KM, Zone 2
CKT	400KV MOTIHARI(DMTCL)-GORAKHPUR-1	LART	04/09/22	17:54:00	04/09/22	17:54:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFUL FROM BOTH ENDS DUE TO Y-N FAULT.MOTIHARI SITE DETAILS- F.D.=133.3KM,F.C.=2.37KAMP,GKP AFAS DETAILS-M2-29.45 KM, F.C.=2= 9.45 KAMP. M1-F.D.=29.29 KM,F.C.=10.25KAMP.
CKT	400KV MOTIHARI(DMTCL)-GORAKHPUR-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV NABINAGAR(BRCL)-SASARAM-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV NABINAGAR(BRCL)-SASARAM-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV NAUBATPUR BALIA CKT-1	LCS	02/09/22	08:09:00	02/09/22	20:35:00	0.52	0.00	0.00	0.00	12.43	100.00	* FIREWALL FINAL LIFT CASTING BETWEEN LINE REACTOR AT BALIA END. S/D TAKEN BY NR3
CKT	400KV NAUBATPUR BALIA CKT-2	LCS	02/09/22	08:47:00	02/09/22	20:25:00	0.49	0.00	0.00	11.63	11.63	100.00	* FIREWALL FINAL LIFT CASTING BETWEEN LINE REACTOR AT BALIA END. S/D E TAKEN BY NR3
CKT	400KV PATNA-BALIA-1	OSPT	30/09/22	13:00:00	30/09/22	19:29:00	0.27	6.48	0.00	0.00	0.00	100.00	* SD TAKEN BY NR-3 TO ATTEND HOTSPOT IN R PHASE LINE ISOLATOR AT BALIA END.
CKT	400KV PATNA-BALIA-1	LART	01/09/22	18:40:00	01/09/22	18:40:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFULL FROM BOTH ENDS DUE TO Y-N FAULT AT 18:40HRS ON DTD 01.09.22. PATNA(SITE) M1- 124.3 KM, 3.256 KA, M2- 130 KM, 3.15 KA. PATNA(AFAS)-M1- 119.266 KM, 3.607 KA, BALIA(SITE)- M1- 63.4 KM, 4.6 KA, M2- NA, TWFL-62.36 KM FROM BALIA, DOUBLE END- PATNA- 126.264 KM, BALIA- 69.059 KM, PATNA TWFL- 132.9 KM, BALIA(AFAS)-M1-64.254 KM, 6.684 KA, M2- 62.2 KM, 6.688 KA.
CKT	400KV PATNA-BALIA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	99.10	
CKT	400KV PATNA-JAKKANPUR CKT-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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	LNCC	10/09/22	13:56:00	10/09/22	17:36:00	0.15	0.00	0.00	3.67	0.00	100.00	* TRIPPED ON Y-B FAULT DUE TO SEVERE THUNDERSTORM AND LIGHTENING AROUND THE FAULT AREA.FD-14.8KM FROM PATNA AND FC-1v-15.14KA,lb-14.2KA.
CKT	400KV PATNA-NAUBATPUR CKT-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV PATNA-SAHARSA-1	LART	07/09/22	01:56:00	07/09/22	01:56:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFULL FROM BOTH ENDS ON B-N FAULT DUE TO THUNDERSTORM AROUND THE FAULT AREA.FD-132.6KM FROM PATNA AND FC-3.28KA3
CKT	400KV PATNA-SAHARSA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV RANCHI-DHANBAD-1(MRB LILO)			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
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RANCHI-NEW RANCHI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RANCHI-NEW RANCHI-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RANCHI-NEW RANCHI 4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV RANCHI-ROURKELA-1	OMSU	13/09/22	16:48:00	13/09/22	18:34:00	0.07	0.00	0.00	1.77	0.00	100.00	** SD TAKEN FOR RESCUE OF LOCAL VILLAGER CLIMBED AT TOWER LOC. 377.
CKT	400kV RANCHI-ROURKELA-2	OSPT	26/09/22	09:36:00	26/09/22	23:02:00	0.07	0.00	0.00	0.00	0.00	100.00	* S/D TAKEN FOR AMP OF LINE BAY AT ROURKELA BY ODISHA PROJECT
CKT	400kV RANCHI-ROURKELA-2	OMSU	13/09/22	16:49:00	13/09/22	18:38:00	0.08	0.00	1.82	0.00	0.00	100.00	* SD TAKEN FOR RESCUE OF LOCAL VILLAGER CLIMBED AT TOWER LOC. 377.
CKT	400kV RAGHUNATHPUR(DVC)-MAITHON-1	LART	02/09/22	16:00:00	02/09/22	16:00:00	0.64	13.43	1.82	0.00	0.00	98.13	* A/R SUCCESSFUL FROM BOTH ENDS DUE TO B-N FAULT. RGP SITE DETAILS-Main 1 (ABB), Indications : Zone-1, B-N fault, * F.C. - 15.293KA .F.D.=NA,F.D.=15.89KAMP.F.C.=2.4KM.* MAITHON DETAILS: M1: FD=36.2KM, FC=5.94KA. M2: FD=46KM, FC=6.6KA.
CKT	400kV RAGHUNATHPUR(DVC)-MAITHON-1	LMAC	26/09/22	09:25:00	26/09/22	20:55:00	0.48	0.00	0.00	11.50	0.00	100.00	* S/D TAKEN FOR REPLACEMENT OF INSULATOR BROKEN BY MISCREANTS
CKT	400kV NEW RANCHI-CHANDWA-1	OMSU	19/09/22	16:50:00	19/09/22	19:44:00	0.12	0.00	2.90	0.00	0.00	100.00	* TRIPPED DUE TO 400KV BUS-II TRIPPED DURING INTERCONNECTION OF EXISTING 400KV BUS -I WITH NEW BUS (WORK/TESTING WORK OF JUSNL) BY THE AGENCIES M/S. XIAN <(>)-> ABB
CKT	400kV NEW RANCHI-CHANDWA-1	OMSU	28/09/22	15:04:00	28/09/22	17:38:00	0.11	0.00	2.57	0.00	0.00	100.00	* TRIPPED DUE TO 400KV BUS-I TRIPPED DURING INTERCONNECTION OF EXISTING 400KV BUS-II WITH NEW BUS (WORK/TESTING WORK OF JUSNL) BY THE AGENCIES M/S. XIAN <(>)-> ABB
CKT	400kV NEW RANCHI-CHANDWA-1	LART	01/09/22	12:20:00	01/09/22	12:20:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFUL FROM BOTH END AT 12:20 HRS ON DTD 01.09.2022 DUE TO R-N FAULT. RANCHI SITE DETAILS-M1:- R-G, 3.89KA, 69.3KM.* M2- R-G, 3.940KA, 58.97 KM.* CHANDWA AFAS DETAILS-M1- 0.0 KM, 7.7 KA, M2-0.0 KM, 7.78 KA* NEW RANCHI-AFAS DETAILS-58.4 KM,6.9 KA, M2-58.52 KM,7.0 KA* Main-1Relay data:-* Fault distance - 0 km)* Fault current - 7.585KA* Main-2 Relay data* Fault distance # -8.2km* Fault current -7.24 KA
CKT	400kV NEW RANCHI-CHANDWA-1	LMAC	05/09/22	09:20:00	05/09/22	18:41:00	0.39	0.00	0.00	9.35	0.00	100.00	* FOR REPLACEMENT OF INSULATOR DAMAGED BY MISCREANTS.
CKT	400kV NEW RANCHI-CHANDWA-2	OMSU	28/09/22	15:04:00	28/09/22	17:40:00	0.11	0.00	2.60	0.00	0.00	100.00	* TRIPPED DUE TO 400KV BUS-I TRIPPED DURING INTERCONNECTION OF EXISTING 400KV BUS-II WITH NEW BUS (WORK/TESTING WORK OF JUSNL) BY THE AGENCIES M/S. XIAN <(>)-> ABB
CKT	400kV NEW RANCHI-CHANDWA-2	OMSU	19/09/22	16:50:00	19/09/22	19:48:00	0.12	0.00	2.97	0.00	0.00	100.00	* TRIPPED DUE TO 400KV BUS-II TRIPPED DURING INTERCONNECTION OF EXISTING 400KV BUS -I WITH NEW BUS (WORK/TESTING WORK OF JUSNL) BY THE AGENCIES M/S. XIAN <(>)-> ABB.
CKT	400kV SASARAM-ALLAHABAD			00:00:00		00:00:00	0.23	0.00	5.57	0.00	0.00	100.00	
CKT	400kV DALTONGANJ- SASARAM-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV DALTONGANJ-SASARAM-2	OSPT	02/09/22	11:11:00	02/09/22	17:50:00	0.28	6.65	0.00	0.00	0.00	99.08	* TO ATTEND HOT SPOT IN R-PH LINE ISOLATOR AT DALTAGANJ END
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)	OMSU	29/09/22	03:55:00	29/09/22	04:30:00	0.02	0.00	0.58	0.00	0.00	100.00	* TRIPPED FROM DARBHANGA AND A/R SUCCESSFULL FROM SAHARSA DUE TO R-N FAULT . DEALS FROM DARBHANGA, M1-FD-37.7KM,FC-5.12KA,M2-FD-40.42KM= FC-5.533KA. DEALS FROM SAHARSA, M1-FD-45.7KM,FC-5.437KA,M2-FD-46KM,FC-5.345KA.FAULT IS IN ATL JURISDICTION, POWERGRID SECTION I 20.721KM.
CKT	400kV SASARAM-VARANASI			00:00:00		00:00:00	0.00	0.00	0.58	0.00	0.00	100.00	
CKT	765kV GAYA-BALIA	LART	16/09/22	15:58:00	16/09/22	15:58:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFULLY OPERATED FROM BOTH END DUE TO R-N FAULT AT 15:58HRS ON DTD 16.09.22. GAYA (SITE )-M1: FD=156.7KM, FC=4.03KA.* BALIA (SITE)-M1: 74.68KM, FC=6.13KA, M2: FC=74.8KM, FC=6.06KA.* GAYA(AFAS)-M1- 151.607 KM, 4.396 KA.* BALIA (AFAS)-M1- 70.992 KM, 6.144 KA, M2- 70.964 KM, 6.118 KA.
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV SASARAM-FATEHPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR.SW LR OF BIHARSHARIFF-1 AT BANKA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	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 BIHARSHARIF			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 BIHARSHAI			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 BIHARSHAR			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 BIHARSHARIF			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 BIHARSHAR			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 MUZAFFA			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	

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	63MVAR.SWLR OF GORAKHPUR-1 AT MUZAFFA			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	
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.PURNEA			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.PURN			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.PURN			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.R			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.R			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- PUSAUJI 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	PUSAUJI SARNATH LINE REACTOR C/WL39			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	OSPT	08/09/22	07:47:00	10/09/22	06:07:00	1.93	46.33	0.00	0.00	0.00	93.56	* SD TAKEN TO ATTEND LOW OIL LEVEL ARAM IN PRISMATIC OIL GAUGE
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			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 BIHARSHARIFF			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 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			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 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	
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			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	OMSU	28/09/22	15:50:00	28/09/22	17:27:00	0.07	0.00	1.62	0.00	0.00	100.00	* TRIPPED FROM RAMCHANDRAPUR END, DUE TO 220KV BUS-1 TRIPPED AT RAMCHANDRAPUR (JUSNL) ALONGWITH ALL ELEMENT.
XMER	315MVA.400/220KV ICT-1 AT JAMSHEDPUR	SCSD	23/09/22	10:01:00	23/09/22	18:10:00	0.34	0.00	0.00	0.00	8.15	100.00	* CSD COMMISSIONING <(-&-c)> TESTING FOR MAIN BAY CB(410). RETROFITTED UNDER ADD. CAP
XMER	315MVA.400/220KV ICT-1 AT JAMSHEDPUR	SCSD	24/09/22	10:07:00	24/09/22	18:09:00	0.34	0.00	0.00	0.00	8.03	100.00	* SD TAKEN FOR CSD COMMISSIONING <(-&-c)> TESTING FOR MAIN BAY CB(410). RETROFITTED UNDER ADD. CAP
							0.75	0.00	1.62	0.00	16.18	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
XMER	315MVA,400/220KV ICT-2 AT JAMSHEDPUR	OMSU	28/09/22	15:50:00	28/09/22	17:27:00	0.07	0.00	1.62	0.00	0.00	100.00	* TRIPPED FROM RAMCHNADRAPUR END DUE TO 220KV BUS- 1 TRIPPED AT RAMCHANDRAPUR (JUSNL) ALONGWITH ALL ELEMENTS.
							0.07	0.00	1.62	0.00	0.00	100.00	
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	
							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	
							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	
							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	
							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	
							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	
							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	
							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	
							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	
							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	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220KV ICT-1 AT PATNA	OSPT	22/09/22	09:45:00	22/09/22	19:14:00	0.40	9.48	0.00	0.00	0.00	98.68	* FOR PRD/BUCHHOLZ COVER CANOPY INSTALLATION
							0.35	8.40	0.00	0.00	0.00	98.83	
XMER	500MVA,400/220KV ICT-2 AT PATNA	OSPT	16/09/22	10:38:00	16/09/22	19:02:00	0.35	8.40	0.00	0.00	0.00	98.83	* FOR OTI WTI LOGIC MODIFICATION AT PATNA.* 25.09.2022 16:17:15 INDIA Vinod Kumar (60020986)* SD TAKEN FOR OIL TOP-UP IN CONSERVATOR TANK & PRD/BUCHHOLZ COVER MODIFIED CANOPY INSTALLATION
							0.32	7.60	0.00	0.00	0.00	98.94	
XMER	500MVA,400/220KV ICT-3 AT PATNA	OSPT	13/09/22	10:06:00	13/09/22	17:42:00	0.32	7.60	0.00	0.00	0.00	98.94	* S/D TAKEN FOR PRD/BUCHHOLZ COVER CANOPY INSTALLATION.
							0.40	9.48	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	
							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	
							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	
							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	
							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	
							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	
							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	
							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	
							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	
							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	
							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	
							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	
							189.76	152.20	244.02	440.32	3,716.25	25,778.81	