

Standard of Performance data for the month of May-2022

Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., EASTERN REGION-II & ODISHA

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
BSR	125MVAR,BUS REACTOR-2 AT ALIPURDUAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT ALIPURDUAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT ANGUL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	330MVAR,BUS REACTOR-1 AT ANGUL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT ANGUL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	330MVAR,BUS REACTOR-2 AT ANGUL	SVRD	03/05/22	14:59:00	10/05/22	22:31:00	7.31	0.00	0.00	0.00	175.53	100.00	* The 765 KV 330 MVAR BR#2 at Angul Hand tripped at 14:59 Hrs. on 03/05/2022 for Voltage Regulation as per instruction of ERLDC, vide code No:ER-142 <-&-> NLD Code No:210.* 10.05.2022 22:39:22 INDIA Pothuraju Rajasekhar (60065278)* Reactor Taken IN service at 22:31 Hrs.
BSR	125MVAR,BUS REACTOR-3 AT ANGUL			00:00:00		00:00:00	7.31	0.00	0.00	0.00	175.53	100.00	
BSR	80MVAR,BUS REACTOR-1 AT BOLANGIR	SVRD	15/05/22	16:57:00	31/05/22	23:59:59	16.29	0.00	0.00	0.00	391.05	100.00	* 80MVAR,BUS REACTOR-1 AT BOLANGIR H/T at 16:57 Hrs as per instruction of ERLDC for voltage regulation.* 10.06.2022 03:08:48 INDIA Kamal Baidya (60041422)* The above said BR#1 at Bolangir taken into service at 02:59 Hrs. on 10/06/2022, vide ERLDC Code No:504.
BSR	80MVAR,BUS REACTOR-1 AT BOLANGIR	SVRD	02/05/22	14:51:00	10/05/22	19:43:00	8.20	0.00	0.00	0.00	196.87	100.00	* HT as per instruction of ERLDC for voltage regulation.
BSR	125MVAR,BUS REACTOR-2 AT BOLANGIR	SVRD	27/05/22	15:26:00	28/05/22	06:10:00	0.61	0.00	0.00	0.00	14.73	100.00	* The 125 MVAR BR#2 at Bolangir SS Hand tripped at 15:26 Hrs. on 27/05/2020 ,vide ERLDC code No:1649 for Voltage Regulation.
BSR	125MVAR,BUS REACTOR-2 AT BOLANGIR	SVRD	30/05/22	15:43:00	31/05/22	23:59:59	1.35	0.00	0.00	0.00	32.28	100.00	* HT for Voltage Regulation at 15:43hrs at 30.05.22* 01.06.2022 12:48:47 INDIA Anil Kumar Nayak (60065074)* Taken into service at 12:36Hrs on 01.06.2022
BSR	125MVAR,BUS REACTOR-2 AT BOLANGIR	SVRD	01/05/22	00:00:01	03/05/22	17:44:00	2.74	0.00	0.00	0.00	65.73	100.00	* H/T as per instruction of ERLDC for voltage regulation.* 03.05.2022 20:55:05 INDIA Kamal Baidya (60041422)* The above said 125 MVAR BR#2 at bolangir taken into service at 17:44 Hrs on 03/05/2022, vide ERLDC Code No:154
BSR	125MVAR,BUS REACTOR-2 AT BOLANGIR	SVRD	05/05/22	15:50:00	22/05/22	22:13:00	17.27	0.00	0.00	0.00	414.38	100.00	* HT for Voltage Regulation at 15:50 hrs on 05/05/2022
BSR	125MVAR,BUS REACTOR-1 AT BINAGURI			00:00:00		00:00:00	21.97	0.00	0.00	0.00	527.12	100.00	
BSR	125MVAR,BUS REACTOR-2 AT BINAGURI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-1 AT BERHAMPORE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT BERHAMPORE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT BARIPADA	SVRD	13/05/22	15:48:00	22/05/22	15:34:00	8.99	0.00	0.00	0.00	215.77	100.00	* HT for Voltage Regulation at 15:48hrs on 13.05.2022
BSR	125MVAR,BUS REACTOR-1 AT BARIPADA	SVRD	31/05/22	15:38:00	31/05/22	23:59:59	0.35	0.00	0.00	0.00	8.37	100.00	* 125MVAR,BUS REACTOR-1 AT BARIPADA has H/T at 15:38 Hrs for voltage regulation as per ERLDC instruction.* 23.06.2022 20:03:02 INDIA Pothuraju Rajasekhar (60065278)* Reactor taken IN service at 19:15 Hrs
BSR	125MVAR,BUS REACTOR-1 AT BARIPADA	SVRD	01/05/22	00:00:01	01/05/22	09:52:00	0.41	0.00	0.00	0.00	9.87	100.00	* Hand Tripped as per instruction of ERLDC for voltage regulation* 01.05.2022 10:36:28 INDIA Pothuraju Rajasekhar (60065278)* Reactor taken in service at 09:52 Hrs on 01.05.2022
BSR	125MVAR,BUS REACTOR-2 AT BARIPADA	SVRD	23/05/22	12:24:00	31/05/22	23:59:59	8.48	0.00	0.00	0.00	203.60	100.00	* HT for Voltage Regulation
BSR	125MVAR,BUS REACTOR-2 AT BARIPADA	SVRD	05/05/22	15:57:00	05/05/22	17:57:00	0.08	0.00	0.00	0.00	2.00	100.00	* HT for Voltage Regulation at 15:57hrs and Taken inot service at 17:57hrs on 05/05/2022
BSR	125MVAR,BUS REACTOR-2 AT BARIPADA	SVRD	21/05/22	15:26:00	22/05/22	15:40:00	1.01	0.00	0.00	0.00	24.23	100.00	* HT for Voltage Regulation at 15:26hrs on 21.05.2022
BSR	125MVAR,BUS REACTOR-2 AT BARIPADA	SVRD	01/05/22	00:00:01	01/05/22	09:56:00	0.41	0.00	0.00	0.00	9.93	100.00	* HT for Voltage Regulation at 12:49hrs on 29.04.2022* 01.05.2022 10:38:30 INDIA Pothuraju Rajasekhar (60065278)* Reactor taken IN service at 09:56 Hrs as per instruction of ERLDC
BSR	80MVAR,BUS REACTOR-1 AT DUBRI			00:00:00		00:00:00	9.98	0.00	0.00	0.00	239.76	100.00	
BSR	50MVAR,BUS REACTOR-1 AT DURGAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT DURGAPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-3 AT DURGAPUR	SVRD	01/05/22	00:00:01	31/05/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* Bus Reactor kept open condition as per ERLDC instruction for voltage regulation.
BSR	125MVAR,BUS REACTOR-4 AT DURGAPUR			00:00:00		00:00:00	31.00	0.00	0.00	0.00	744.00	100.00	
BSR	80MVAR,BUS REACTOR-1 AT GOKARNA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR AT INDRAVATI			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	132KV-RANGPO-GANGTOK-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132KV-RANGPO-GANGTOK-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132KV RANGPO-MELLI(SIKKIM)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132KV RANGIT(NHPC)-KERSEONG(WBSETCL)-1	OSPD	18/05/22	11:19:00	18/05/22	15:05:00	0.16	0.00	0.00	0.00	3.77	100.00	* S/D TAKEN BY RANGIT FOR REPLACEMENT OF NON FUNCTIONAL OLD SEM METER(MAIN) WITH NEW SEM METER AT RANGIT END.
CKT	132KV RANGIT(NHPC)-RAMMAM(WBSEDCL)-1			00:00:00		00:00:00	0.16	0.00	0.00	0.00	3.77	100.00	
CKT	132KV RANGIT(NHPC)-RANGPO-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132KV SILIGURI-KURSEONG(WBSETCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV ALIPURDUAR-SALAKATI-1	LART	16/05/22	02:08:00	16/05/22	02:08:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line undergone successful A/R at both end due to Y-N, Zone-I fault.* R/I at Alipurduar: M1: F/C:1.807KA, F/D:89.4KMS, M2: F/C:1.797KA, F/D: 92.36KMS.* R/I at Salakati [AFAS]: M1: F/C:8.601KA,F/D:13.412KMS; M2: F/C: 8.590KA, F/D: 13.317KMS.
CKT	220KV ALIPURDUAR-SALAKATI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV BIRPARA-ALIPURDUAR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV BIRPARA-ALIPURDUAR-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV BIRPARA-BINAGURI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV BIRPARA-BINAGURI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV BIRPARA-CHUKHA(BHUTAN)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV BIRPARA-CHUKHA(BHUTAN)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV BINAGURI-SILIGURI-1	OMSU	12/05/22	13:16:00	12/05/22	15:22:00	0.09	0.00	2.10	0.00	0.00	100.00	* Line tripped due to B-N fault.* R/I at Siliguri: M1: F/D: 3.056kms F/C:7.214KA, M2: F/D:2.66kms, F/C:7.188KA.* R/I at Binaguri: M1: F/D: 4.49kms, F/C:11.25KA, M2: F/D: 7.399kms, F/C:11.63KA.* During line patrolling it is observed that WBSEDCL was constructing a 11KV line under 220KV Siliguri-Binaguri-I line and while carrying out the work some construction material/T-<-&-<-p of WBSEDCL line somehow came near to infringing zone of 220KV Siliguri-Binaguri-I line creating earth-fault.
CKT	220KV BINAGURI-SILIGURI-2			00:00:00		00:00:00	0.09	0.00	2.10	0.00	0.00	100.00	
CKT	220KV BIRPARA-MALBASE(BHUTAN)-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV DALKHOLA-GAZOLE(WBSETCL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV DALKHOLA-GAZOLE(WBSETCL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV DALKHOLA-KISHANGANJ-1	OSPT	20/05/22	17:13:00	20/05/22	18:10:00	0.04	0.95	0.00	0.00	0.00	99.87	* EMERGENCY S/D TAKEN BY ER-1 FOR REPLACEMENT OF FAULTY BCU AT KISHANGANJ END.
CKT	220KV DALKHOLA-KISHANGANJ-2			00:00:00		00:00:00	0.04	0.95	0.00	0.00	0.00	100.00	
CKT	220KV MALDA-GAZOLE(WBSETCL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV MALDA-GAZOLE(WBSETCL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV RANGPO-NEW MELLI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV RANGPO-TASHIDING(SEPL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV-SILIGURI-KISHANGANJ-1	OSPT	26/05/22	09:22:00	26/05/22	21:00:00	0.49	11.63	0.00	0.00	0.00	98.44	* S/D BY ER-I FOR LINE BAY AMP
CKT	220KV-SILIGURI-KISHANGANJ-2			00:00:00		00:00:00	0.49	11.63	0.00	0.00	0.00	100.00	
CKT	400KV ALIPURDUAR-JIGMELING(BHUTAN)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV ALIPURDUAR-JIGMELING(BHUTAN)-2	LVRD	01/05/22	00:00:01	31/05/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* Hand tripped as per ERLDC/NLDC/BH instruction for voltage regulation.
CKT	400KV ALIPURDUAR-PUNATSHANGCHU(BHUTA)			00:00:00		00:00:00	31.00	0.00	0.00	0.00	744.00	100.00	
CKT	400KV ALIPURDUAR-PUNATSHANGCHU(BHUTA)	LVRD	01/05/22	00:00:01	31/05/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* H/T FOR V/R AS PER ERLDC/NLDC INSTRUCTION.
							31.00	0.00	0.00	0.00	744.00	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 ANDAL(DVC)-JAMSHEDPUR-1	LART	21/05/22	13:51:00	21/05/22	13:51:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R Successful at both ends in B-N fault.* R/I at Jamshedpur: F/D: 77.8 KM, F/C: 3.54 kA;* R/I at Andal(DVC): M1: F/D: 83.92 KM, F/C: 3.99 kA; M2: F/D: 84.6 KM, F/C: 3.99 kA;
CKT	400KV ANDAL(DVC)-JAMSHEDPUR-1	OMSU	01/05/22	20:15:00	01/05/22	22:26:00	0.09	0.00	2.18	0.00	0.00	0.00	* Tripped on B-N fault under DVC Jurisdiction.* R/I at Jamshedpur: F/D: 156.2 KM, F/C:2.81 kA;* R/I at Andal(DVC): F/D: 11.39 KM, F/C: 5 kA;
							0.09	0.00	2.18	0.00	0.00	100.00	
CKT	400KV ANDAL(DVC)-JAMSHEDPUR-2	LART	15/05/22	18:32:00	15/05/22	18:32:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R Successful at both ends on Y-N fault. R/I at Jamshedpur: F/D: 66.703 KM, F/C: 4.876 kA;
CKT	400KV ANDAL(DVC)-JAMSHEDPUR-2	LART	19/05/22	16:02:00	19/05/22	16:02:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R Successful at both ends* R/I at Andal: M1: Y-N Fault, F/C: 4.322 KA, F/D: 82.87 KM; M2: Y-N Fault, F/C: 4.342 KA, F/D: 82.50 KM;* R/I at Jamshedpur: M1: Y-N Fault, F/C: 3.5 KA, F/D: 84.0 KM; M2: Y-N Fault, F/C: 3.5 KA, F/D: 83.85 KM.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kv ANGUL-BOLANGIR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00	
CKT	400KV-BOLANGIR -JEYPORE-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV BINAGURI-ALIPURDUAR-1(LILO)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV BINAGURI-ALIPURDUAR-2(LILO)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV BINAGURI-KISHANGANJ-1(LILO)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV BINAGURI-KISHANGANJ-2(LILO)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV BINAGURI-MALBASE(BHUTAN)-3	OMSU	21/05/22	01:42:00	21/05/22	02:15:00	0.02	0.00	0.55	0.00	0.00	0.00	* A/R operated successfully at Binaguri end but tripped Malbase end. R/I Binaguri(AFAS): B-N fault, F/D:15.241Km, F/C: 11.921KA. The same line synchronised from Malbase end at 02:15Hrs of 21.05.2022 .
							0.02	0.00	0.55	0.00	0.00	100.00	
CKT	400KV BINAGURI-NEW PURNEA-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	100.00	
CKT	400KV BINAGURI-NEW PURNEA-2	LART	17/05/22	01:04:00	17/05/22	01:04:00	0.00	0.00	0.00	0.00	0.00	0.00	* Line undergone successful A/R at both end due to B-N, Zone-I fault.* R/I at Binaguri: M1: F/C:3.598KA, F/D:84.78KMS, M2: F/C:3.562KA, F/D: 84.15KMS.* R/I at New Purnea: M1: F/C:4.508KA, F/D:67.26KMS; M2: F/C: 4.29KA, F/D: 67.6KMS.
CKT	400KV BINAGURI-NEW PURNEA-2	OSPT	30/05/22	10:22:00	30/05/22	20:10:00	0.41	9.80	0.00	0.00	0.00	0.00	* S/D BY ER-1 FOR P444 RELAY FIRMWARE UPGRADATION WORK AT NEW PURNEA END.
							0.41	9.80	0.00	0.00	0.00	98.68	
CKT	400KV BONGAIGAION-ALIPURDUAR-1(LILO)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00	
CKT	400KV BONGAIGAION-ALIPURDUAR-2(LILO)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-BONGAIGAON -BINAGURI-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	100.00	
CKT	400KV-BONGAIGAON -BINAGURI-2	LART	23/05/22	01:46:00	23/05/22	01:46:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R Successful at both ends on R-N fault during Heavy Rainfall <-(&-&-> Thunderstorm.* R/I at Binaguri (AFAS): M1: F/C: 5.335 KA, F/D: 62.971 KM; M2: F/C: 5.317 KA, F/D: 63.328 KM;* R/I at Bongaigaon (AFAS): M1: F/C: 2.974 KA, F/D: 135.06 KM; M2: F/C: 2.726 KA, F/D: 143.356 KM
CKT	400KV BERHAMPURE-BHERAMARA(BANGLADE)			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	100.00	
CKT	400KV BERHAMPURE-BHERAMARA(BANGLADE)	OMSU	21/05/22	03:53:00	21/05/22	04:07:00	0.01	0.00	0.23	0.00	0.00	0.00	* A/R attempt taken from Baharampore end but tripped due to DT received from remote end.R/I at Baharampore(AFAS):R-N fault, F/D:39.087KM, F/C:7.144KA
							0.01	0.00	0.23	0.00	0.00	100.00	
CKT	400KV BERHAMPURE-BHERAMARA(BANGLADE)	OMSU	21/05/22	04:07:00	21/05/22	04:38:00	0.02	0.00	0.52	0.00	0.00	0.00	* A/R attempt taken from Baharampore end but tripped due to DT received from remote end. R/I at Baharampore:R-N fault, F/D:89.518KM, F/C:3.932KA.Fault is under Bangladesh jurisdiction.
							0.02	0.00	0.52	0.00	0.00	100.00	
CKT	400KV BERHAMPURE-BHERAMARA(BANGLADE)	LART	03/05/22	06:09:00	03/05/22	06:09:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R Successful at both ends on R-N fault.* R/I at Berhampore: M1: F/D: 69.17 KM, F/C: 4.45 kA; M2: F/D: 69.4 kA, F/C: 4.31 kA;
CKT	400KV BERHAMPURE-FARAKKA(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	100.00	
CKT	400KV BERHAMPURE-FARAKKA(NTPC)-2	LART	28/05/22	16:27:00	28/05/22	16:27:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R OPERATED SUCCESSFULLY AT BOTH ENDS.* Relay Indications at Berhampore end:* M1: R-N, Z1, F/D:48.0 km, F/C: 7.49kA* M2 R-N, Z1, F/D:46.1km F/C:7.3kA
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV BEHRAMPURE-SAGARDIGHI(WBPDCL)-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	100.00	
CKT	400KV BEHRAMPURE-SAGARDIGHI(WBPDCL)-2	LNCC	06/05/22	08:04:00	06/05/22	19:14:00	0.47	0.00	0.00	11.17	0.00	0.00	* S/D FOR EARTH WIRE STRINGING IN BETWEEN LOC 23 TO 29 WHICH GOT SNAPPED DURING HEAVY STORM AND RAIN ON DATED 04.02.2022
CKT	400KV BEHRAMPURE-SAGARDIGHI(WBPDCL)-2	LNCC	07/05/22	08:05:00	07/05/22	17:40:00	0.40	0.00	0.00	9.58	0.00	0.00	* S/D FOR EARTH WIRE STRINGING IN BETWEEN LOC 23 TO 29 WHICH GOT SNAPPED DURING HEAVY STORM AND RAIN ON DATED 04.02.2022
							0.87	0.00	0.00	20.75	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 MERAMUNDALI(OPTCL)-BOLANGIR			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-MENDHASAL-PANDIABILI-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-MENDHASAL-PANDIABILI-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 NEW PURNEA-GOKARNA(WBSETCL)	LART	19/05/22	17:42:00	19/05/22	17:42:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R Successful at both ends* R/I at Gokarna: M1: B-N Fault, F/C: 2.70 KA, F/D: 142.3 KM; M2: B-N Fault, F/C: 2.86 KA, F/D: 140.32 KM,* Fault under ER-I jurisdiction
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-RANGPO-BINAGURI-1	OMSU	06/05/22	09:08:00	10/05/22	13:10:00	4.17	0.00	100.03	0.00	0.00	100.00	* S/D TO ATTEND SF6 LEAKAGE IN GD NO-06 IN Y PHASE GENERATED DUE TO EARTHQUAKE AT RANGPO.
							4.17	0.00	100.03	0.00	0.00	100.00	
CKT	400KV-RANGPO-BINAGURI-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 RANGPO-KISHANGANJ-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 RANGPO-KISHANGANJ-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 RANGPO-TEESTA 5(NHPC)-1	OSPT	07/05/22	09:41:00	07/05/22	10:36:00	0.04	0.92	0.00	0.00	0.00	100.00	* S/D TO ATTEND FAULTY BCU OF 415 BAY AT RANGPO END.
CKT	400KV RANGPO-TEESTA 5(NHPC)-1	OSPT	01/05/22	09:04:00	01/05/22	12:20:00	0.14	3.27	0.00	0.00	0.00	100.00	* S/D FOR DOCKING ACTIVITY OF TEESTA-V RANGPO-2, NECESSARY ELECTRICAL SAFETY CLEARANCE NEEDED.
CKT	400KV RANGPO-TEESTA 5(NHPC)-1	OSPT	08/05/22	09:31:00	08/05/22	11:08:00	0.07	1.62	0.00	0.00	0.00	100.00	* S/D TO REPLACE FAULTY I/O CARD OF BCU (415 BAY) AT RANGPO SUBSTATION.
CKT	400KV RANGPO-TEESTA 5(NHPC)-1	OSPD	27/05/22	10:31:00	27/05/22	12:56:00	0.10	0.00	0.00	0.00	2.42	99.22	* S/D BY TEESTA-V FOR CHECKING OF DIRECT TRIP (DT) SEND IN CASE OF TRIPPING ON EARTH FAULT.
							0.35	5.81	0.00	0.00	2.42	99.22	
CKT	400KV RANGPO-TEESTA 5(NHPC)-2	OSPD	27/05/22	13:05:00	27/05/22	14:42:00	0.07	0.00	0.00	0.00	1.62	100.00	* S/D BY TEESTA-V FOR CHECKING OF DIRECT TRIP (DT) SEND IN CASE OF TRIPPING ON EARTH FAULT.
CKT	400KV RANGPO-TEESTA 5(NHPC)-2	OMSU	01/05/22	00:00:01	04/05/22	11:22:00	3.47	0.00	83.37	0.00	0.00	100.00	* S/D FOR RECTIFICATION OF IDENTIFIED GAS LEAKAGE GIB DUCT OF TEESTA-V FEEDER GENERATED DUE TO EARTH QUAKE
CKT	400KV RANGPO-TEESTA 5(NHPC)-2	OMSU	26/05/22	19:56:00	26/05/22	20:10:00	0.01	0.00	0.23	0.00	0.00	100.00	* TRIPPED FROM TEESTA -V END ONLY DUE TO PROBLEM AT THEIR END
							3.55	0.00	83.60	0.00	1.62	100.00	
CKT	400KV RANGPO-TEESTA3(Teesta Urja)			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-RENGALI -INDRAVATI-1	SRMT	28/05/22	17:58:00	28/05/22	21:05:00	0.13	3.12	0.00	0.00	0.00	99.58	* 400KV-RENGALI -INDRAVATI tripped at 17:58 hrs Tripped due to PRV operated in NGR of Line reactor at Indravati s/s and restored at 21:05 Hrs on the same day.
							0.13	3.12	0.00	0.00	0.00	99.58	
CKT	400KV-RENGALI -KEONJHAR-1	OMSU	01/05/22	00:00:01	13/05/22	16:13:00	12.68	0.00	304.22	0.00	0.00	100.00	* For Railway Diversion works, availed by GRIDCO
							12.68	0.00	304.22	0.00	0.00	100.00	
CKT	400kV RAJARHAT-FARAKKA(NTPC)-1	OSPT	17/05/22	14:25:00	17/05/22	16:55:00	0.10	2.50	0.00	0.00	0.00	99.68	* Emergency S/D for tree cutting work.
							0.10	2.50	0.00	0.00	0.00	99.68	
CKT	400KV RAJARHAT-GOKARNA(WBSETCL)-1	LNCC	21/05/22	17:05:00	21/05/22	17:51:00	0.03	0.00	0.00	0.77	0.00	100.00	* Tripped on B-N fault during Heavy Rainfall <-&> Thunderstorm.* R/I at Rajarhat: M1: F/D:3.58 KM, F/C: 11.06 kA; M2: F/D: 3.75 KM, F/C: 11.55 kA,* R/I at Gokarna(WBSETCL): M1: F/D: 249.7 KM, F/C: 1.89 kA, M2: F/D: 227 KM, F/C: 1.885kA;
CKT	400KV RAJARHAT-GOKARNA(WBSETCL)-1	LNCC	18/05/22	09:46:00	18/05/22	16:14:00	0.27	0.00	0.00	6.47	0.00	100.00	* S/D FOR JUMPER REPLACEMENT DUE TO FLASH-OVER IN BETWEEN JUMPER <-&> TOWER BODY DUE TO JUMPER SWING THAT OCCURRED DUE TO HEAVY STORM AT AROUND 16:00 HRS ON DATED 14.05.2022. (TRIPLE SNOWBIRD CONDUCTOR HAVING 3 SUB-CONDUCTORS PER PHASE).
CKT	400KV RAJARHAT-GOKARNA(WBSETCL)-1	LART	28/05/22	19:28:00	28/05/22	19:28:00	0.00	0.00	0.00	0.00	0.00	100.00	* 400KV Rajarhat-Gokarna A/R operated successfully at 19:28 hrs on 28.05.2022.* Relay Details at Rajarhat end: M1: Y-N, Z1, F/D: 108.9 KM, F/C:3.23 kA M2: Y-N, Z1, F/D: 109.9 KM, F/C: 3.09 kA
CKT	400KV RAJARHAT-GOKARNA(WBSETCL)-1	LART	29/05/22	05:25:00	29/05/22	05:25:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R operated successfully on Y-N fault at both end.* R/I at Rajarhat end : M1: F/D: 92.3 KM, F/C:3.94 KA M2: F/D: 91.89 KM, F/C: 4.013 KA
							0.30	0.00	0.00	7.24	0.00	100.00	
CKT	400KV RAJARHAT-SUBHASGRAM-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 TALA(BHUTAN)-BINAGURI-1	OSFD	01/05/22	00:00:01	31/05/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* 400KV Tala-Binaguri-I TRIPPED at 23:08hrs on 04.06.21.* R/I at Binaguri end:M-1:Y-B fault,F/D:100%,F/C:Y phase: 537.34 Amps, B phase: 2.73 KA, M2:Y-B fault,F/D:174.7kms,F/C:Y phase 646.5 Amps, B phase 2.035 KA.* Upon inspection by Tala(Bhutan), burnt marks are observed in the XLPE cable terminations. As informed by Tala, necessary testing will be conducted on 07.06.21 and accordingly, the status of the healthiness can be ascertained. Till then, this line has been declared(at 13:01hrs on 05.06.21) under forced outage by Tala.
							31.00	0.00	0.00	0.00	744.00	100.00	
CKT	400KV TALA(BHUTAN)-BINAGURI-2	OMSU	01/05/22	00:00:01	31/05/22	23:59:59	31.00	0.00	744.00	0.00	0.00	100.00	* TRIPPED ON DT RECEIVED AT BINAGURI DUE TO FIRE OUTBREAK AT R-PHASE OF XLPE CABLE TERMINATION AT TALA/BHUTAN END.
							31.00	0.00	744.00	0.00	0.00	100.00	
CKT	400KV TALA(BHUTAN)-BINAGURI-4	OMSU	27/05/22	05:28:00	27/05/22	05:28:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R Successful at both ends on R-N fault under BHUTAN Jurisdiction.* R/I at Binaguri: M1: F/D: 107 KM, F/C: 3.056 kA; M2: F/D: 116.57 KM, F/C: 3.425 kA;

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 TALA(BHUTAN)-BINAGURI-4	OMSU	03/05/22	10:09:00	03/05/22	14:43:00	0.19	0.00	4.57	0.00	0.00		* S/D FOR TAKING L/R OF TALA-IV IN SERVICE AT BINAGURI END.
							0.19	0.00	4.57	0.00	0.00	100.00	
CKT	400KV-TALCHAR-ANGUL-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 TALCHER(NTPC)-MERAMUNDALI(OPTCL)	LMAC	02/05/22	13:25:00	02/05/22	16:30:00	0.13	0.00	0.00		3.08	0.00	* Line Tripped. Relay indication at Meramundali End: B-N Fault, 43.7 KM, 4.92 KA. Talcher End: B-N Fault, 3.8 KM, 26.31 KA. Bush Fire found between loc no. 11 <-&-> 12, which was 3.2 KM from NTPC(Talcher) end.* 31.05.2022 16:44:46 INDIA Tushar Kanti Dutta (60051070)* During post fault patrolling bush fire found between Loc No-10-11 at a distance fo 3.2 KM from talcher end.
							0.13	0.00	0.00		3.08	0.00	100.00
CKT	400kv TALCHER(NTPC)-MERAMUNDALI(OPTCL)	LNCC	03/05/22	18:26:00	03/05/22	20:27:00	0.08	0.00	0.00		2.02	0.00	* The 400 KV Talcher-Meramundali #2 tripped at 18:26 Hrs on 03/05/2022 R/I at Meramundali end: M1: Rph-G, FC:9.63 KA, FD:15.7 Km at Talcher end: Rph-G, FC: 8.685 KA, FD: 37.3 Km* 03.05.2022 20:59:41 INDIA Kamal Baidya (60041422)* The above said line taken into service at 20:27 Hrs on 03/05/2022, vide ERLDC Code No:162.* 31.05.2022 16:56:00 INDIA Tushar Kanti Dutta (60051070)* During post fault patrolling flashover mark found between CC-ring, Arcing horn and insulator disc of location no-99 (DA+3). (Distance= e-36.2KM from Talcher end
							0.06	0.00	0.00		1.45	0.00	* Line tripped. Relay indication at Meramundali End : R-N Fault, M1: 16.4 KM, 10.24 KA, M2: 23.2 KM, 10.26 KA. Talcher End : R-G, 37.6 KM, 8.87 KA. R phase top conductor. Fault under HVDC Talcher TLM Jurisdiction. Rain <-&-> lightning observed during event.* 31.05.2022 17:06:51 INDIA Tushar Kanti Dutta (60051070)* During post fault patrolling fault found at Loc No-100(DA+0), where flashover mark found throughout the insulator strings.Distance-36.68KM from Talcher end.
CKT	400kv TALCHER(NTPC)-MERAMUNDALI(OPTCL)	LNCC	10/05/22	15:24:00	10/05/22	16:51:00	0.06	0.00	0.00		1.45	0.00	* Line tripped. Relay indication at Meramundali End : R-N Fault, M1: 16.4 KM, 10.24 KA, M2: 23.2 KM, 10.26 KA. Talcher End : R-G, 37.6 KM, 8.87 KA. R phase top conductor. Fault under HVDC Talcher TLM Jurisdiction. Rain <-&-> lightning observed during event.* 31.05.2022 17:06:51 INDIA Tushar Kanti Dutta (60051070)* During post fault patrolling fault found at Loc No-100(DA+0), where flashover mark found throughout the insulator strings.Distance-36.68KM from Talcher end.
							0.02	0.58	0.00		0.00	0.00	* Line Tripped, R/I at Meramundali End : M1: R-G fault, 10.28 KA, 15.6 KM. M2: R-G fault, 10.31 KA, 23.4KM. Talcher end: Z1, R-G fault, 9.076KA, 36.8 KM.* A/R unsuccessful due to persistent fault within reclaim time
CKT	400kv TALCHER(NTPC)-MERAMUNDALI(OPTCL)	LEFT	21/05/22	22:10:00	21/05/22	22:45:00	0.02	0.00	0.00		0.00	0.00	* Line Tripped, R/I at Meramundali End : M1: R-G fault, 10.28 KA, 15.6 KM. M2: R-G fault, 10.31 KA, 23.4KM. Talcher end: Z1, R-G fault, 9.076KA, 36.8 KM.* A/R unsuccessful due to persistent fault within reclaim time
							0.26	0.00	0.00		6.23	0.00	* Line Tripped, R/I at Meramundali End : M1,R-G, 8.67ka,16.8Km.. M2,R-G , 8.69ka, 23km. Talcher end: R-G, 7.325KA, 43km.* 31.05.2022 17:21:40 INDIA Tushar Kanti Dutta (60051070)* During post fault patrolling fault found at Loc No-128(DA+25), where flashover mark found between CC-ring and Arcing horn. Distance -47KM from Talcher end.
CKT	400kv TALCHER(NTPC)-MERAMUNDALI(OPTCL)	LNCC	21/05/22	23:05:00	22/05/22	05:19:00	0.26	0.00	0.00		6.23	0.00	* Line Tripped, R/I at Meramundali End : M1,R-G, 8.67ka,16.8Km.. M2,R-G , 8.69ka, 23km. Talcher end: R-G, 7.325KA, 43km.* 31.05.2022 17:21:40 INDIA Tushar Kanti Dutta (60051070)* During post fault patrolling fault found at Loc No-128(DA+25), where flashover mark found between CC-ring and Arcing horn. Distance -47KM from Talcher end.
							0.50	0.00	11.93		0.00	0.00	* SD Taken for defective insulator replacement with polymer insulators* 15.05.2022 18:42:02 INDIA Pothuraju Rajasekhar (60065278)* Line taken IN at 18:04 Hrs.
CKT	400kv TALCHER(NTPC)-RENGALI-1	OMSU	15/05/22	06:08:00	15/05/22	18:04:00	0.50	0.00	11.93		0.00	0.00	* SD Taken for defective insulator replacement with polymer insulators* 15.05.2022 18:42:02 INDIA Pothuraju Rajasekhar (60065278)* Line taken IN at 18:04 Hrs.
							0.92	0.58	11.93		9.70	0.00	99.92
CKT	400kv TALCHER(NTPC)-RENGALI-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 TALCHER(NTPC)-RENGALI-2	OMSU	18/05/22	09:00:00	19/05/22	17:16:00	1.34	0.00	32.27		0.00	0.00	* TALCHER(NTPC)-RENGALI-2 has taken SD at 09:00 Hrs by NTPC for insulator replacement works at thier end.
							1.34	0.00	32.27		0.00	0.00	100.00
CKT	400kv TALCHER(NTPC)-ROURKELA-1	OMSU	22/05/22	07:50:00	22/05/22	20:00:00	0.51	0.00	12.17		0.00	0.00	* The 400 KV Rourkela-Talcher #1 opened/hand tripped to avail SD for replacement of PID Defective Porcelain Insulator by CLR insulator in major crossing and hilly dense forest area.
							0.42	0.00	10.17		0.00	0.00	* For replacement of PID Defective Porcelain Insulator by CLR insulator in major crossing and hilly dense forest area.* 20.05.2022 19:39:45 INDIA Kamal Baidya (60041422)* The above said line taken into service at 19:35 Hrs. on 20/05/2022, vide ERLDC Code No:1153.
CKT	400kv TALCHER(NTPC)-ROURKELA-1	OMSU	20/05/22	09:25:00	20/05/22	19:35:00	0.42	0.00	10.17		0.00	0.00	* For replacement of PID Defective Porcelain Insulator by CLR insulator in major crossing and hilly dense forest area.* 20.05.2022 19:39:45 INDIA Kamal Baidya (60041422)* The above said line taken into service at 19:35 Hrs. on 20/05/2022, vide ERLDC Code No:1153.
							0.46	0.00	11.10		0.00	0.00	* The 400 KV Rourkela-Talcher #1 opened/hand tripped to avail SD for replacement of PID defective Insulators and Replacement of Porcelain/Glass string Insulators at Major Crossing <-&-> Hilly Dense Forest area with CLR Insulators, as per ERLDC Code No:1187.
							1.39	0.00	33.44		0.00	0.00	100.00
CKT	400kv TALCHER(NTPC)-ROURKELA-2	OMSU	23/05/22	07:59:00	23/05/22	18:53:00	0.45	0.00	10.90		0.00	0.00	* SD taken for for insulator replacement* 23.05.2022 20:06:04 INDIA Pothuraju Rajasekhar (60065278)* Line taken IN Service at 18:53 Hrs.
							0.24	0.00	0.00		0.00	5.87	* 400kv TALCHER(NTPC)-ROURKELA-2 has taken S/D by NTPC at 10:46 Hrs and taken IN service at 16:38 Hrs on 31.05.2022
CKT	400kv TALCHER(NTPC)-ROURKELA-2	OSPD	31/05/22	10:46:00	31/05/22	16:38:00	0.24	0.00	0.00		0.00	5.87	* 400kv TALCHER(NTPC)-ROURKELA-2 has taken S/D by NTPC at 10:46 Hrs and taken IN service at 16:38 Hrs on 31.05.2022
							0.49	0.00	11.73		0.00	0.00	* SD taken for Insulator replacement* 24.05.2022 20:16:00 INDIA Pothuraju Rajasekhar (60065278)* Line taken IN service at 19:50 Hrs.
CKT	400kv TALCHER(NTPC)-ROURKELA-2	OMSU	24/05/22	08:06:00	24/05/22	19:50:00	0.49	0.00	11.73		0.00	0.00	* SD taken for Insulator replacement* 24.05.2022 20:16:00 INDIA Pothuraju Rajasekhar (60065278)* Line taken IN service at 19:50 Hrs.
							0.51	0.00	12.17		0.00	0.00	* 400kv TALCHER(NTPC)-ROURKELA-2 has taken S/D at 08:16 Hrs for TL maintenance work
							1.69	0.00	34.80		0.00	5.87	100.00
CKT	765 KV ANGUL-JHARSUGURA-1	OSPT	23/05/22	08:06:00	23/05/22	19:48:00	0.49	11.70	0.00		0.00	0.00	* SD taken for for insulator replacement on 23.05.2022 at 08:06hrs* 23.05.2022 20:14:13 INDIA Pothuraju Rajasekhar (60065278)* Line taken IN service at 19:48 Hrs.
							0.09	2.23	0.00		0.00	0.00	* Tripped on YB-G Fault; Angul end details: Z1B, IY-2.34KA, IB-2.31KA Distance-254.3KM Jharsuguda end details-Z1, IY-22.62A, IB-21.7KA, Distance-19.5KM (Jharsuguda jurisdiction)
CKT	765 KV ANGUL-JHARSUGURA-1	LPPT	21/05/22	17:59:00	21/05/22	20:13:00	0.09	2.23	0.00		0.00	0.00	* Tripped on YB-G Fault; Angul end details: Z1B, IY-2.34KA, IB-2.31KA Distance-254.3KM Jharsuguda end details-Z1, IY-22.62A, IB-21.7KA, Distance-19.5KM (Jharsuguda jurisdiction)
							0.58	13.93	0.00		0.00	0.00	98.13
CKT	765 KV ANGUL-JHARSUGURA-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
							0.00	0.00	0.00	0.00	0.00	100.00	
LNR	63MVAR,SWLR OF DUBRI AT PANDIABILI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF CHAIBASA-1 AT ROURKELA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF JEERAT AT SUBHASHGRAM	SVRD	01/05/22	00:00:01	31/05/22	23:59:59	31.00	0.00	0.00	0.00	744.00		* H/T FOR VOLTAGE REGULATION AS PER ERLDC INSTRUCTIONS.
LNR	240MVAR,SWLR OF RAIPUR-2 AT SUNDERGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF RAIPUR-1 AT SUNDERGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
STATCOM	-200/+200 MVAR STATCOM AT JEYPORE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
STATCOM	-300/+300 MVAR STATCOM AT ROURKELA	SBBT	31/05/22	11:09:00	31/05/22	13:00:00	0.08	1.85	0.00	0.00	0.00		* STATCOM AT ROURKELA tripped at 11:09 Hrs due to Bus bar protection operated and restored at 13:00 Hrs.
XMER	315MVA,400/220kV ICT-1 AT ALIPURDUAR			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 ALIPURDUAR			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 ANGUL			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 ANGUL			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 ANGUL			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 ANGUL			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 BIRPARA			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 BIRPARA	OSPT	23/05/22	10:06:00	23/05/22	12:23:00	0.10	2.28	0.00	0.00	0.00		* S/D TAKEN FOR TOPPING UP TRANSFORMER OIL IN THE OLTC CONSERVATOR.
XMER	315MVA,400/220kV ICT-1 AT BOLANGIR			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 BOLANGIR			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 BINAGURI			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 BINAGURI			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 BARIPADA			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 BARIPADA			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 BARIPADA			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 BARIPADA			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 BARIPADA			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 DURGAPUR			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 DURGAPUR			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 DURGAPUR	SNCC	16/05/22	19:35:00	16/05/22	21:07:00	0.06	0.00	0.00	1.53	0.00		* Emergency S/D to attend misalignment of isolator(42789T) occurred due to heavy cyclone.
XMER	315MVA,400/220kV ICT-1 AT FARAKKA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	50MVA,132/66KV ICT-1 AT GANGTOK			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	50MVA,132/66KV ICT-2 AT GANGTOK			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA, 400/220kV ICT-1&3 AT JEYPORE	OSPT	31/05/22	19:18:00	31/05/22	19:55:00	0.03	0.62	0.00	0.00	0.00		* JEYPORE_400KV_315MVA ICT-1 has taken S/D at 19:18 Hrs For taking ICT #3 IN service and taken IN service at 19:55 Hrs
XMER	315MVA, 400/220kV ICT-1&3 AT JEYPORE	OSPT	28/05/22	09:36:00	31/05/22	19:55:00	3.43	82.32	0.00	0.00	0.00		* AMP WORK* 31.05.2022 20:27:44 INDIA Pothuraju Rajasekhar (60065278)* ICT taken IN service at 19:55 Hrs.
XMER	315MVA, 400/220kV ICT-1&3 AT JEYPORE	OSPT	28/05/22	09:36:00	28/05/22	20:16:00	0.44	10.67	0.00	0.00	0.00		* AMP work* 28.05.2022 20:45:34 INDIA Kamal Baidya (60041422)* The ICT #1 at Jeypore taken into service at 20:16 Hrs. on 28/05/2022, vide ERLDC code No:1751.
XMER	315MVA, 400/220kV ICT-2&4 AT JEYPORE			00:00:00		00:00:00	3.90	93.61	0.00	0.00	0.00	87.42	
XMER	315MVA,400/220KV ICT-1 AT KEONJHAR			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 KEONJHAR			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 MAITHON	OSPT	03/05/22	11:26:00	03/05/22	15:14:00	0.16	3.80	0.00	0.00	0.00		* Emergency S/D taken to attend stuck condition of Y-ph arm of 20689T isolator.

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
XMER	500MVA,400/220kV ICT-2 AT MAITHON	SCSD	31/05/22	09:18:00	31/05/22	20:03:00	0.16	3.80	0.00	0.00	0.00	99.49	* S/D TAKEN FOR 220 KV BUSBAR RETROFITTING WORK AT MAITHON
							0.45	0.00	0.00	0.00	10.75	100.00	
XMER	500MVA,400/220kV ICT-3 AT MAITHON			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 MALDA			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 MALDA			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 MALDA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	160MVA,220/132kV ICT-4 AT MALDA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA 400/220kV ICT-5 AT MALDA	OMSU	26/05/22	18:25:00	26/05/22	19:16:00	0.04	0.00	0.85	0.00	0.00	100.00	* S/D TAKEN TO CLEAR HANGING BIRD NEST IN 407 89T B-PH ISOLATOR OF ICT-V AT MALDA
XMER	500MVA,400/220kV ICT-1 AT PANDIABILI			00:00:00		00:00:00	0.00	0.00	0.85	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT PANDIABILI			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 RANGPO			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 RANGPO			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 RANGPO			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 RANGPO			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	100MVA,220/132kV ICT-3 AT RANGPO			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 RANGPO	OMSU	17/05/22	14:14:00	31/05/22	23:59:59	14.41	0.00	345.77	0.00	0.00	100.00	* S/D FOR SF6 GAS LEAKAGE RECTIFICATION WORK.
XMER	315MVA,400/220kV ICT-4 AT RANGPO			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-5 AT RANGPO			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 RENGALI			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 RENGALI			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 RAJARHAT			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 RAJARHAT			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 ROURKELA	OSPT	16/05/22	07:41:00	16/05/22	14:35:00	0.29	6.90	0.00	0.00	0.00	100.00	* SD taken to attend oil leakage form thermo meter pocket st 07:41 hrs on 16.05.2022* 16.05.2022 15:27:14 INDIA Pothuraju Rajasekhar (60065278)* ICT 1 taken IN service at 14:35 Hrs.
XMER	315MVA,400/220kV ICT-1 AT ROURKELA	SBBT	31/05/22	11:09:00	31/05/22	11:51:00	0.03	0.70	0.00	0.00	0.00	98.98	* 315MVA,400/220kV ICT-1 AT ROURKELA tripped at 11:09 Hrs due to Bus bar protection operated and restored at 11:51 Hrs
XMER	ROURKELA_400KV_315MVA_ICT-2_BHEL	SBBT	31/05/22	11:09:00	31/05/22	12:08:00	0.04	0.98	0.00	0.00	0.00	99.87	* ROURKELA_400KV_315MVA_ICT-2 tripped at 11:09 Hrs due to Bus bar protection operated and restored at 12:08 Hrs
XMER	ROURKELA_400KV_315MVA_ICT-4_CGL	SBBT	31/05/22	11:09:00	31/05/22	12:08:00	0.04	0.98	0.00	0.00	0.00	99.87	* ROURKELA_400KV_315MVA_ICT-4 tripped at 11:09 Hrs due to bus bar protection operated and restored at 12:08 Hrs
XMER	315MVA,400/220kV ICT-1 AT SUBHASHGRAM			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 SUBHASHGRAM			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-5 AT SUBHASHGRAM			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 SILIGURI			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 SILIGURI			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 SUNDERGARH			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 SUNDERGARH			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 SUNDERGARH			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 SUNDERGARH			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 INDRAVATI (OPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							599.86	192.50	1,724.27	71.16	12,408.79		