

Standard of Performance data for the month of April-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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-3 AT ANGUL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-1 AT BOLANGIR	SVRD	01/04/22	00:00:01	22/04/22	22:14:00	21.93	0.00	0.00	0.00	526.23	100.00	* The 80 MVAR BR#1 at Bolangir Handtripped at 18:50 Hrs. on 28/02/2022= ,vide ERLDC Code No:1842 for Voltage Regulation,* 22.04.2022 22:23:14 INDIA Kamal Baidya (60041422)* The above said 80 MVAR BR #1 taken into service at 22:14 Hrs. on 22/04/2022, as per ERLDC Code No:1336
BSR	125MVAR,BUS REACTOR-2 AT BOLANGIR	SVRD	01/04/22	00:00:01	30/04/22	23:59:59	30.00	0.00	0.00	0.00	720.00	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-1 AT BINAGURI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	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	01/04/22	00:00:01	30/04/22	23:59:59	30.00	0.00	0.00	0.00	720.00	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	29/04/22	12:49:00	30/04/22	23:59:59	1.47	0.00	0.00	0.00	35.18	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 Hrsas per instruction of ERLDC
BSR	80MVAR,BUS REACTOR-1 AT DUBRI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	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	01/04/22	00:00:01	30/04/22	23:59:59	30.00	0.00	0.00	0.00	720.00	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	0.00	0.00	0.00	0.00	0.00	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	
BSR	50*2 MVAR,BUSREACTOR-1 AT JEERAT WBSE	SVRD	16/04/22	11:23:00	17/04/22	06:13:00	0.79	0.00	0.00	0.00	18.83	100.00	* Hand tripped as per ERLDC instruction for voltage regulation in the system
BSR	50*2 MVAR,BUSREACTOR-1 AT JEERAT WBSE	SVRD	18/04/22	12:16:00	29/04/22	19:48:00	11.31	0.00	0.00	0.00	271.53	100.00	* Hand tripped as per ERLDC instruction for voltage regulation in the system.
BSR	63MVAR,BUS REACTOR-1 AT JEYPORE	SVRD	01/04/22	00:00:01	30/04/22	23:59:59	30.00	0.00	0.00	0.00	720.00	100.00	* HT for Voltage Regulation
BSR	125MVAR,BUS REACTOR-2 AT JEYPORE	SVRD	01/04/22	00:00:01	08/04/22	21:27:00	7.89	0.00	0.00	0.00	189.45	100.00	* 125MVAR B/R #2 HAND TRIPPED AT 15:14HRS ON 27.03.2022 FOR VOLTAGE REGULATION AS PER INSTRUCTION OF ERLDC.
BSR	80MVAR,BUS REACTOR-1 AT KEONJHAR	SVRD	01/04/22	00:00:01	30/04/22	23:59:59	30.00	0.00	0.00	0.00	720.00	100.00	* 80MVAR Bus Reactor#1 at Keonjhar deemed to be hand tripped for Voltage regulation at 18:14Hrs. on 08.03.2022
BSR	125MVAR,BUS REACTOR-2 AT KEONJHAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT MAITHON			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT MAITHON			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	31.5MVAR,BUS REACTOR-1 AT NEW MELLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	31.5MVAR,BUS REACTOR-2 AT NEW MELLI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-1 AT PANDIABILI	OSPT	05/04/22	09:30:00	05/04/22	19:00:00	0.40	9.50	0.00	0.00	0.00	100.00	* 80MVAR B/R#1 TAKEN IN TO SD FOR AMP WORKS AT 09:30HRS ON 05.04.2022.

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 PANDIABILI	SVRD	29/04/22	13:11:00	29/04/22	19:55:00	0.28	0.00	0.00	0.00	6.73		* HT for Voltage Regulation at 13:11Hrs on 29.04.2022* 29.04.2022 20:12:28 INDIA Pothuraju Rajasekhar (60065278)* Reactor taken IN service at 19:55Hrs on 29.04.2022 as per instruction of ERLDC
							0.68	9.50	0.00	0.00	6.73	98.68	
BSR	80MVAR,BUS REACTOR-1 AT RANGPO	OMSU	08/04/22	11:59:00	08/04/22	13:03:00	0.04	0.00	1.07	0.00	0.00		* MOCK BLACK START DRILL BY TEESTA-III.
							0.04	0.00	1.07	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-2 AT RANGPO			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	
BSR	125MVAR,BUS REACTOR-1 AT RENGALI			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	
BSR	125MVAR,BUS REACTOR-2 AT RENGALI	OSPT	18/04/22	08:56:00	20/04/22	21:02:00	2.50	60.10	0.00	0.00	0.00		* To attend oil leakage in R-Ph turret Bushing on continuous basis upto 17:00 Hrs. on 21.04.2022.
BSR	125MVAR,BUS REACTOR-2 AT RENGALI	OSPT	21/04/22	10:15:00	21/04/22	12:23:00	0.09	2.13	0.00	0.00	0.00		* SD taken to attend high oil temperature alarm at 10:15 hrs and charged at 12:23 hrs on 21.04.2022
							2.59	62.23	0.00	0.00	0.00	91.36	
BSR	125MVAR,BUS REACTOR-1 AT RAJARHAT	SVRD	01/04/22	00:00:01	30/04/22	20:08:00	29.84	0.00	0.00	0.00	716.13		* Hand tripped as per ERLDC instruction for voltage regulation.
							29.84	0.00	0.00	0.00	716.13	100.00	
BSR	125MVAR,BUS REACTOR-2 AT RAJARHAT	SVRD	07/04/22	15:36:00	30/04/22	23:59:59	23.35	0.00	0.00	0.00	560.40		* H/T FOR V/R AS PER ERLDC INSTRUCTIONS.
							23.35	0.00	0.00	0.00	560.40	100.00	
BSR	125MVAR,BUS REACTOR-1 AT ROURKELA			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	
BSR	125MVAR,BUS REACTOR-2 AT ROURKELA			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	
BSR	125MVAR,BUS REACTOR-1 AT SUBHASHGRAM	SVRD	01/04/22	00:00:01	30/04/22	20:21:00	29.85	0.00	0.00	0.00	716.35		* H/T FOR VOLTAGE REGULATION AS PER ERLDC INSTRUCTION
							29.85	0.00	0.00	0.00	716.35	100.00	
BSR	125MVAR,BUS REACTOR-1 AT SUNDERGARH			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	
BSR	240MVAR,BUS REACTOR-1 AT SUNDERGARH			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	
BSR	125MVAR,BUS REACTOR-2 AT SUNDERGARH			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	
BSR	240MVAR,BUS REACTOR-2 AT SUNDERGARH			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	132KV MELLI(SIKKIM)-SILIGURI-1	OMSU	19/04/22	17:24:00	19/04/22	17:57:00	0.02	0.00	0.55	0.00	0.00		* Line tripped on Y-N, Z-1 fault during heavy rain <(>&< lightning.* R/I at Siliguri: F/C:3.15KA; F/D:32.5kms. FAULT IS UNDER WBSETCL JURISDICTION.
							0.02	0.00	0.55	0.00	0.00	100.00	
CKT	132KV RANGPO-CHUZHEN(GATI INFRA)-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	132KV RANGPO-CHUZHEN(GATI INFRA)-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	132KV-RANGPO-GANGTOK-1	SCSD	23/04/22	00:03:00	23/04/22	05:40:00	0.23	0.00	0.00	0.00	5.62		* SWITCHED OFF TO FACILITATE 132 KV BUS-II/IV EXTENSION WORK UNDER CSSTDs PROJECTS AT RANGPO.
CKT	132KV-RANGPO-GANGTOK-1	SCSD	16/04/22	00:05:00	16/04/22	04:57:00	0.20	0.00	0.00	0.00	4.87		* SWITCHED OFF TO FACILITATE 132 KV BUS-I/III EXTENSION WORK UNDER CSSTDs PROJECTS AT RANGPO.
CKT	132KV-RANGPO-GANGTOK-1	LCSD	09/04/22	08:01:00	09/04/22	16:42:00	0.36	0.00	0.00	0.00	8.68		* S/D FOR STRINGING OF TWIN MOOSE CONDUCTOR IN B/W SPAN 24/0 TO 25/0 IN 220 KV SAMARDONG-DIKCHUPOOL TL.
CKT	132KV-RANGPO-GANGTOK-1	LCSD	08/04/22	07:59:00	08/04/22	17:12:00	0.38	0.00	0.00	0.00	9.22		* S/D FOR STRINGING WORK OF 220KV SAMARDONG-DIKCHUPOOL TL.
CKT	132KV-RANGPO-GANGTOK-1	LCSD	10/04/22	08:01:00	10/04/22	15:41:00	0.32	0.00	0.00	0.00	7.67		* S/D FOR STRINGING OF TWIN MOOSE CONDUCTOR IN B/W SPAN 24/0 TO 25/0 IN 220 KV SAMARDONG-DIKCHUPOOL TL.
							1.49	0.00	0.00	0.00	36.06	100.00	
CKT	132KV-RANGPO-GANGTOK-2	LCSD	09/04/22	08:01:00	09/04/22	16:20:00	0.35	0.00	0.00	0.00	8.32		* S/D FOR STRINGING OF TWIN MOOSE CONDUCTOR IN B/W SPAN 24/0 TO 25/0 IN 220 KV SAMARDONG-DIKCHUPOOL TL.
CKT	132KV-RANGPO-GANGTOK-2	SCSD	23/04/22	00:03:00	23/04/22	05:40:00	0.23	0.00	0.00	0.00	5.62		* SWITCHED OFF TO FACILITATE 132 KV BUS-II/IV EXTENSION WORK UNDER CSSTDs PROJECTS AT RANGPO.
CKT	132KV-RANGPO-GANGTOK-2	LCSD	08/04/22	08:00:00	08/04/22	17:14:00	0.39	0.00	0.00	0.00	9.23		* S/D FOR STRINGING WORK OF 220KV SAMARDONG-DIKCHUPOOL TL.
CKT	132KV-RANGPO-GANGTOK-2	SCSD	16/04/22	00:05:00	16/04/22	04:57:00	0.20	0.00	0.00	0.00	4.87		* SWITCHED OFF TO FACILITATE 132 KV BUS-I/III EXTENSION WORK UNDER CSSTDs PROJECTS AT RANGPO.
CKT	132KV-RANGPO-GANGTOK-2	LNCC	19/04/22	14:11:00	19/04/22	14:45:00	0.02	0.00	0.00	0.57	0.00		* Line tripped on R-Y-N fault during heavy rain <(>&< lightning at or near the affected area.* R/I at Rangpo: F/C:Ir:4.9KA, Iy: 4.5KA; 5.211KA; F/D:11.44kms* R/I at Gangtok: F/C: Ir: 1.587KA, Iy: 1.332KA; F/D: 13.17kms.
CKT	132KV-RANGPO-GANGTOK-2	LCSD	10/04/22	08:02:00	10/04/22	15:44:00	0.32	0.00	0.00	0.00	7.70		* S/D FOR STRINGING OF TWIN MOOSE CONDUCTOR IN B/W SPAN 24/0 TO 25/0 IN 220 KV SAMARDONG-DIKCHUPOOL TL.
							1.51	0.00	0.00	0.57	35.74	100.00	
CKT	132KV RANGPO-MELLI(SIKKIM)-1	OMSU	09/04/22	09:14:00	09/04/22	13:47:00	0.19	0.00	4.55	0.00	0.00		* SHUTDOWN TO FACILITATE 132KV BUS SHUT DOWN AT RANGPO FOR HV TESTING OF 132KV RANGPO-SAMARDONG BAY-1 <(>&<2 (115<(>&<116)
CKT	132KV RANGPO-MELLI(SIKKIM)-1	OMSU	16/04/22	00:02:00	25/04/22	17:01:00	9.71	0.00	232.98	0.00	0.00		* SWITCHED OFF TO FACILITATE 132 KV BUS-I/III EXTENSION WORK UNDER CSSTDs PROJECTS AT RANGPO.
CKT	132KV RANGPO-MELLI(SIKKIM)-1	OMSU	29/04/22	15:48:00	29/04/22	16:00:00	0.01	0.00	0.20	0.00	0.00		* Tripped due to heavy rain <(>&< thunderstorm on Y-N fault. R/I at Rangpo: F/D: 2.363 KM, F/C: 1.034 kA. Fault is under Sikkim juri= sdiction.
CKT	132KV RANGPO-MELLI(SIKKIM)-1	OMSU	05/04/22	10:03:00	07/04/22	18:39:00	2.36	0.00	56.60	0.00	0.00		* LINE SWITCHED OFF AS PER ERLDC INSTRUCTION TO FACILITATE SHUTDOWN OF 132KV BUS-1 <(>&< 3 AT RANGPO.
CKT	132KV RANGPO-MELLI(SIKKIM)-1	OMSU	01/04/22	10:05:00	04/04/22	15:47:00	3.24	0.00	77.70	0.00	0.00		* LINE SWITCHED OFF AS PER ERLDC INSTRUCTION TO FACILITATE 132KV BUS-2= <(>&<4S/D AT RANGPO.
							15.51	0.00	372.03	0.00	0.00	100.00	
CKT	132KV RANGIT(NHPC)-KERSEONG(WBSETCL)-			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	132KV RANGIT(NHPC)-RAMMAM(WBSEDCL)-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	132KV RANGIT(NHPC)-RANGPO-1	OMSU	16/04/22	00:06:00	25/04/22	17:18:00	9.72	0.00	233.20	0.00	0.00		* SWITCHED OFF TO FACILITATE 132 KV BUS-I/III EXTENSION WORK UNDER CSSTDs PROJECTS AT RANGPO.
CKT	132KV RANGIT(NHPC)-RANGPO-1	OMSU	01/04/22	09:48:00	04/04/22	16:13:00	3.27	0.00	78.42	0.00	0.00		* LINE SWITCHED OFF AS PER ERLDC INSTRUCTION TO FACILITATE 132KV BUS-2= <(>&<4S/D AT RANGPO.
CKT	132KV RANGIT(NHPC)-RANGPO-1	OMSU	09/04/22	09:24:00	09/04/22	14:14:00	0.20	0.00	4.83	0.00	0.00		* SHUTDOWN TO FACILITATE 132KV BUS S/D AT RANGPO FOR HV TESTING OF 132KV RANGPO-SAMARDONG BAY-1 <(>&<2 (115<(>&<116)

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 RANGIT(NHPC)-RANGPO-1	OMSU	05/04/22	10:01:00	07/04/22	18:56:00	2.37	0.00	56.92	0.00	0.00	0.00	* LINE SWITCHED OFF AS PER ERLDC INSTRUCTION TO FACILITATE SHUTDOWN OF 132KV BUS-1 <(>&<)> 3 AT RANGPO.
							15.56	0.00	373.37	0.00	0.00	100.00	
CKT	132KV SILIGURI-KURSEONG(WBSETCL)	OMSU	25/04/22	00:37:00	25/04/22	14:06:00	0.56	0.00	13.48	0.00	0.00	0.00	* R/I at Siliguri: R-N, F/D: 32.55 KM [FAULT UNDER WBSETCL JURISDICTION], F/C: 2.5 kA;
							0.56	0.00	13.48	0.00	0.00	100.00	
CKT	220KV ALIPURDUAR-SALAKATI-1	LART	14/04/22	19:06:00	14/04/22	19:06:00	0.00	0.00	0.00	0.00	0.00	0.00	* During heavy rain and thunderstorm 220 KV Alipurduar-Salakati-I undergone successful A/R at both end due to B-N, Z-1 fault.* R/I at Alipurduar: M1: F/C:3.236KA, F/D:48.7kms; M2: F/C:3.198KA, F/D:48.66kms. [fault is under NER jurisdiction].
CKT	220KV ALIPURDUAR-SALAKATI-1	LART	14/04/22	20:27:00	14/04/22	20:27:00	0.00	0.00	0.00	0.00	0.00	0.00	* During heavy rain and thunderstorm 220 KV Alipurduar-Salakati-I undergone successful A/R at both end due to Y-N, Z-1 fault.* R/I at Alipurduar: M1: F/C:2.51KA, F/D:59.5kms; M2: F/C:2.546KA, F/D:60.11kms. [fault is under NER jurisdiction].
CKT	220KV ALIPURDUAR-SALAKATI-1	LART	14/04/22	20:37:00	14/04/22	20:37:00	0.00	0.00	0.00	0.00	0.00	0.00	* During heavy rain and thunderstorm 220 KV Alipurduar-Salakati-I undergone successful A/R at both end due to Y-N, Z-1 fault.* R/I at Alipurduar: M1: F/C:2.50KA, F/D:59.6kms; M2: F/C:2.491KA, F/D:60.02kms. [fault is under NER jurisdiction].
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV ALIPURDUAR-SALAKATI-2	LART	14/04/22	19:12:00	14/04/22	19:12:00	0.00	0.00	0.00	0.00	0.00	0.00	* During heavy rain and thunderstorm 220 KV Alipurduar-Salakati-II undergone successful A/R at both end due to R-N, Z-1 fault.* R/I at Alipurduar: M1: F/C:3.03KA, F/D:47.4kms; M2: F/C:3.06KA, F/D:47.44kms. [fault is under NER jurisdiction].
CKT	220KV ALIPURDUAR-SALAKATI-2	LART	14/04/22	19:40:00	14/04/22	19:40:00	0.00	0.00	0.00	0.00	0.00	0.00	* During heavy rain and thunderstorm 220 KV Alipurduar-Salakati-II undergone successful A/R at both end due to Y-N, Z-1 fault.* R/I at Alipurduar: M1: F/C:1.742KA, F/D:87.7kms; M2: F/C:1.782KA, F/D:90.38kms. [fault is under NER jurisdiction].
							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	0.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV BIRPARA-ALIPURDUAR-2	LART	30/04/22	00:14:00	30/04/22	00:14:00	0.00	0.00	0.00	0.00	0.00	0.00	* Line undergone SUCCESSFUL A/R at both end due to B-ph Z-1 fault during heavy rain and thunder storm.* R/I at Alipurduar: M1: F/D:4.3kms, F/C:10.925KA; M2: F/D:4.56kms, F/C:10.25KA.* R/I at Birpara: M1: F/D:48.4kms, F/C:2.4KA; M2: F/D:48.9kms, F/C:2.008KA.
							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	0.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV BIRPARA-BINAGURI-2	LART	29/04/22	21:57:00	29/04/22	21:57:00	0.00	0.00	0.00	0.00	0.00	0.00	* Line undergone SUCCESSFUL A/R at both end due to B-ph Z-1 fault during heavy rain and thunder storm.* R/I at Birpara: F/D:44.1kms, F/C:2.75KA; R/I at Binaguri: F/D: 28.55kms, F/C:5.139KA.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV BIRPARA-CHUKHA(BHUTAN)-1	OMSU	16/04/22	15:16:00	16/04/22	15:44:00	0.02	0.00	0.47	0.00	0.00	0.00	* TRIPPED ON R-Y FAULT. FAULT IS UNDER BHUTAN JURISDICTION.* R/I AT BIRPARA END: M-1: R-Y FAULT, F/C: Ir=2.6 KA ly=2.8 KA, F/D: 53 KM; M-2: R-Y FAULT, F/C: Ir=2.5 KA ly=2.8 KA, F/D: 52 KM
CKT	220KV BIRPARA-CHUKHA(BHUTAN)-1	LNCC	10/04/22	11:28:00	10/04/22	16:22:00	0.20	0.00	0.00	4.90	0.00	0.00	* S/D taken for restoration of snapped earthwire between location no. 71-72 of 220KV Chuka-Birpara-I <(>&<)> II [found during patrolling] due to heavy thunderstorm <(>&<)> lightning at or near the affected area.
CKT	220KV BIRPARA-CHUKHA(BHUTAN)-1	LART	29/04/22	07:39:00	29/04/22	07:39:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R successful at both ends during heavy rain and thunderstorm.* R/I at Birpara End: Y-N fault, F/C: 2.47KA, F/D: 41.98KM (fault under Bhutan jurisdiction).
CKT	220KV BIRPARA-CHUKHA(BHUTAN)-1	OMSU	09/04/22	22:43:00	09/04/22	23:02:00	0.01	0.00	0.32	0.00	0.00	0.00	* TRIPPED FROM CHUKHA END ONLY, A/R OPERATED SUCCESSFULLY AT BIRPARA END.* R/I AT BIRPARA: B-N FAULT, F/C: 2.65 KA, F/D: 37.49 KM. FAULT IS UNDER BHUTAN JURISDICTION.
							0.23	0.00	0.79	4.90	0.00	100.00	
CKT	220KV BIRPARA-CHUKHA(BHUTAN)-2	OMSU	09/04/22	22:43:00	09/04/22	23:04:00	0.02	0.00	0.35	0.00	0.00	0.00	* TRIPPED FROM CHUKHA END ONLY, A/R OPERATED SUCCESSFULLY AT BIRPARA END.* R/I AT BIRPARA: B-N FAULT, F/C: 2.65 KA, F/D: 37.55 KM. FAULT IS UNDER BHUTAN JURISDICTION.
CKT	220KV BIRPARA-CHUKHA(BHUTAN)-2	LNCC	10/04/22	11:29:00	10/04/22	16:23:00	0.20	0.00	0.00	4.90	0.00	0.00	* S/D taken for restoration of snapped earthwire between location no. 71-72 of 220KV Chuka-Birpara-I <(>&<)> II [found during patrolling] due to heavy thunderstorm <(>&<)> lightning at or near the affected area.
CKT	220KV BIRPARA-CHUKHA(BHUTAN)-2	LART	15/04/22	10:18:00	15/04/22	10:18:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R successful at both ends during heavy rain and thunderstorm.* R/I at Birpara end : M1: B-N fault, F/C: 2.254KA, F/D: 39.97KM; M1: B-N fault, F/C: 2.3KA, F/D: 39.4KM
CKT	220KV BIRPARA-CHUKHA(BHUTAN)-2	LART	16/04/22	19:07:00	16/04/22	19:07:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R SUCCESSFUL AT BOTH ENDS. FAULT IS UNDER BHUTAN JURISDICTION.* R/I AT BIRPARA END: M-1: R-N FAULT, F/C: 3.136 KA, F/D: 39.30 KM; M-2: R-N FAULT, F/C: 3.0 KA, F/D: 39.1 KM
CKT	220KV BIRPARA-CHUKHA(BHUTAN)-2	LART	16/04/22	15:16:00	16/04/22	15:16:00	0.00	0.00	0.00	0.00	0.00	0.00	* A/R SUCCESSFUL AT BOTH ENDS. FAULT IS UNDER BHUTAN JURISDICTION.* R/I AT BIRPARA END: M-1: R-Y-N FAULT, F/C: Ir=2.3 KA ly=1.14 KA, F/D: 80 KM; M-2: R-Y-N FAULT, F/C: Ir=2.3 KA ly=1.2 KA, F/D: 70.2 KM
							0.22	0.00	0.35	4.90	0.00	100.00	
CKT	220KV BINAGURI-SILIGURI-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	220KV BINAGURI-SILIGURI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV BIRPARA-MALBASE(BHUTAN)-3	OMSU	15/04/22	08:44:00	15/04/22	11:02:00	0.10	0.00	2.30	0.00	0.00	0.00	* S/D BY BHUTAN FOR INSTALLATION OF ENERGY METER.
CKT	220KV BIRPARA-MALBASE(BHUTAN)-3	OMSU	15/04/22	11:17:00	15/04/22	11:47:00	0.02	0.00	0.50	0.00	0.00	0.00	* Line Emergency H/T from Malbase end due heavy flashing observed at Malbase.
							0.12	0.00	2.80	0.00	0.00	100.00	
CKT	220KV DALKHOLA-GAZOLE(WBSETCL)-1	LPRD	11/04/22	11:43:00	11/04/22	14:16:00	0.11	0.00	0.00	0.00	0.00	2.55	* Line Hand tripped as per ERLDC instruction for power regulation in the system.
							0.11	0.00	0.00	0.00	0.00	2.55	100.00
CKT	220KV DALKHOLA-GAZOLE(WBSETCL)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	0.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV DALKHOLA-KISHANGANJ-1	OSPT	11/04/22	09:29:00	11/04/22	19:38:00	0.42	10.15	0.00	0.00	0.00	0.00	* S/D BY ER-1 FOR AMP WORKS OF BAY-203 AT KISHANGANJ.
							0.42	10.15	0.00	0.00	0.00	98.59	
CKT	220KV DALKHOLA-KISHANGANJ-2	OSPT	20/04/22	09:27:00	20/04/22	19:18:00	0.41	9.85	0.00	0.00	0.00	0.00	* S/D TAKEN BY ER-1 FOR BAY AMP WORK AT KISHANGANJ.

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
							0.41	9.85	0.00	0.00	0.00	98.63	
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	OSPST	12/04/22	08:21:00	12/04/22	17:57:00	0.40	9.60	0.00	0.00	0.00	100.00	* S/D FOR AMP WORK.
CKT	220KV RANGPO-TASHIDING(SEPL)	OSPD	01/04/22	00:00:01	07/04/22	14:56:00	6.62	0.00	0.00	0.00	158.93	100.00	* S/D BY TASHIDING FOR CARRYING THE WORKS OF TIGHTENING, REPLACEMENT AND FIXATION OF MISSING CORONA RING / ARCHING HORN ETC.* 07.04.2022 18:59:32 INDIA Aiman Khan (60003551)* Above said line charged through 212 bay at New Melli and 204 bay at Rangpo. This line will hereby be known as Rangpo-New Melli-2 line.
							6.62	0.00	0.00	0.00	158.93	100.00	
CKT	220KV-SILIGURI-KISHANGANJ-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV-SILIGURI-KISHANGANJ-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV ALIPURDUAR-JIGMELING(BHUTAN)-1	LART	15/04/22	03:22:00	15/04/22	03:22:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line undergone SUCCESSFUL A/R AT BOTH END due to R-N fault under BHUTAN JURISDICTION.* R/I AT ALIPURDUAR: M-1: F/D: 142.1 KM, F/C:2.99 KA; M-2:F/D:143.9KM, F/C: 3.15 KA.
CKT	400KV ALIPURDUAR-JIGMELING(BHUTAN)-1	LART	12/04/22	23:39:00	12/04/22	23:39:00	0.00	0.00	0.00	0.00	0.00	100.00	* AUTO RECLOSURE SUCCESSFUL AT BOTH ENDS* R/I AT ALIPURDUAR END: M1: Y-N, F/C:5.592KA, F/D:49.2KM; M2: Y-N, F/C:5.651KA, F/D:50.57KM
CKT	400KV ALIPURDUAR-JIGMELING(BHUTAN)-1	LART	14/04/22	09:23:00	14/04/22	09:23:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R operated successfully at both ends.* R/I at Alipurduar: M-1: Y-N fault, F/D: 47.6 km, F/C: 5.683 kA; M-2: Y-N fault, F/D: 48.45 km, F/C: 5.434 kA
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV ALIPURDUAR-JIGMELING(BHUTAN)-2	LVRD	01/04/22	00:00:01	30/04/22	23:59:59	30.00	0.00	0.00	0.00	720.00	100.00	* Hand tripped as per ERLDC/NLDC instruction for voltage regulation.
							30.00	0.00	0.00	0.00	720.00	100.00	
CKT	400KV ALIPURDUAR-PUNATSHANGCHU(BHUTAN)	LVRD	01/04/22	00:00:01	14/04/22	20:09:00	13.84	0.00	0.00	0.00	332.15	100.00	* H/T FOR V/R AS PER ERLDC/NLDC INSTRUCTION.
CKT	400KV ALIPURDUAR-PUNATSHANGCHU(BHUTAN)	OMSU	15/04/22	01:45:00	15/04/22	02:30:00	0.03	0.00	0.75	0.00	0.00	100.00	* During heavy rain and thunderstorm 400 KV Alipurduar-Punatsangchu-I undergone successful A/R at Alipurduar end only due to R-N, Z-1 fault. A/R unsuccessful at Punatsangchu end.* R/I at Alipurduar: M-1: F/C:4.3KA, F/D:68.1kms; M2: F/C:4.36KA, F/D:69.641kms. [fault is under Bhutan jurisdiction].
							13.87	0.00	0.75	0.00	332.15	100.00	
CKT	400KV ALIPURDUAR-PUNATSHANGCHU(BHUTAN)	OMSU	04/04/22	05:03:00	04/04/22	05:33:00	0.02	0.00	0.50	0.00	0.00	100.00	* A/R operated successfully at alipurduar end only and CB tripped at Punatsangchu end due to R-N fault during Heavy rain and thunderstorm* R/I at Alipurduar: M1: R-N fault, F/C: 10.4KA, F/D: 90.2KM (Fault under Bhutan Jurisdiction); M2: R-N fault, F/C: 10.02KA, F/D: 91.65KM (Fault under Bhutan Jurisdiction);* R/I at Puatsangchu: R-N fault, O/C, F/D 1.18KM.
CKT	400KV ALIPURDUAR-PUNATSHANGCHU(BHUTAN)	LNCC	14/04/22	18:58:00	15/04/22	13:55:00	0.79	0.00	0.00	18.95	0.00	100.00	* Tripped due to heavy rain, lightning (>&-<)> thunderstorm. R/I at Alipurduar: M-1: R-N fault, F/C: 7.40 kA, F/D: 27.8 km; M-2: R-N fault, F/C: 7.30kA, F/D: 27.37 km.* Charging attempt taken from Alipurduar at 19:29hrs on 14.04.22 but tripped immediately on SOTF. R/I at Alipurduar: R-N fault, F/C: 9.2 KA, F/D: NA.* On patrolling by Alipurduar TLM, it has been found that Earth wire was snapped at location 95-96 during the Tomado.
CKT	400KV ALIPURDUAR-PUNATSHANGCHU(BHUTAN)	LVRD	15/04/22	15:05:00	30/04/22	23:59:59	15.37	0.00	0.00	0.00	368.92	100.00	* H/T FOR V/R AS PER ERLDC/NLDC INSTRUCTION.
CKT	400KV ALIPURDUAR-PUNATSHANGCHU(BHUTAN)	OMSU	10/04/22	00:00:01	10/04/22	00:25:00	0.02	0.00	0.42	0.00	0.00	100.00	* TRIPPED ON R-N FAULT UNDER BHUTAN JURISDICTION.* R/I AT ALIPURDUAR: M-1: R-N FAULT, F/C: 5.929 KA, F/D: 72.3 KM; M-2: R-N FAULT, F/C: 5.615 KA, F/D: 70.33 KM.
CKT	400KV ALIPURDUAR-PUNATSHANGCHU(BHUTAN)	LNCC	06/04/22	04:50:00	06/04/22	05:27:00	0.03	0.00	0.00	0.62	0.00	100.00	* A/R operated successfully at alipurduar end only and CB tripped at Phunatsangchu end due to R-N fault during Heavy rain and thunderstorm at or nearby affected area.* R/I at Alipurduar: M1: R-N fault, F/C: 10.74KA, F/D: 10.6KM; M2: R-N fault, F/C: 10.69KA, F/D: 10.36KM;* R/I at Phunatsangchu: R-N fault, F/D:190.5KM.
							16.23	0.00	0.92	19.57	368.92	100.00	
CKT	400KV ANDAL(DVC)-JAMSHEDPUR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV ANDAL(DVC)-JAMSHEDPUR-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV ANGUL-BOLANGIR	LART	28/04/22	12:05:00	28/04/22	12:05:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R successful at both ends : R/I at Bolangir end: M1: Z1 carrier aided, Rph-G, FC: 1.2 KA,FD:163 Km. at Angul end: M1: Z1, Rph-G, FC:7.75 KA, FD:33.9 Km. (Note: Fault is under Angul TL Jurisdiction and this line is a part of Bolangir-Meramundi Line)* 29.04.2022 16:13:32 INDIA Tushar Kanti Dutta (60051070)* During Post fault patrolling bush fire found between span of Location no-131-132. (Distance-30KM from Angul end).
							0.00	0.00	0.00	0.00	0.00	100.00	
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	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV BINAGURI-MALBASE(BHUTAN)-3	OSPD	27/04/22	09:06:00	29/04/22	16:31:00	2.31	0.00	0.00	0.00	55.42	100.00	* S/D BY BHUTAN FOR REPLACING FLASHOVER / BROKEN INSULATORS WITH LONG ROD POLYMER AT TPS NO. 81 AND INSTALLATION OF EMERGY METER AT MALBASE END.
							2.31	0.00	0.00	0.00	55.42	100.00	
CKT	400KV BINAGURI-NEW PURNEA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV BINAGURI-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	

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 BONGAIGAION-ALIPURDUAR-1(LILO)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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	LART	04/04/22	04:49:00	04/04/22	04:49:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R operated successfully at both ends due to B-N fault during Heavy rain and thunderstorm* R/I at Binaguri: M1 (AFAS): B-N fault, F/C: 3.173 kA, F/D: 98.480 KM; M2 (AFAS): B-N fault, F/C: 3.173 kA, F/D: 115.55 KM* R/I at Bongaigaon: M1 (AFAS): B-N fault,F/C: 2.505 kA, F/D: 133.2 KM; M2 (AFAS): B-N fault,F/C: 2.547 kA, F/D: 130.616 KM.
CKT	400KV-BONGAIGAON -BINAGURI-2	OSPT	02/04/22	15:32:00	02/04/22	17:52:00	0.10	2.33	0.00	0.00	0.00	100.00	* Line taken under S/D by NER to rectify loose grading ring at bottom phase of Loc.61.
CKT	400KV BERHAMPURE-BHERAMARA(BANGLADE)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV BERHAMPURE-BHERAMARA(BANGLADE)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV BERHAMPURE-BHERAMARA(BANGLADE)	OMSU	23/04/22	11:00:00	23/04/22	17:47:00	0.28	0.00	6.78	0.00	0.00	100.00	* S/D FOR FACILITATING AS REPLACEMENT OF FLASHED OVER INSULATOR OF 400KV BERHAMPURE SAGARDIGHI-2 DUE TO SEVERE LIGHTENING DURING HEAVY STORM ON DTD. 22.04.2022
CKT	400KV BERHAMPURE-BHERAMARA(BANGLADE)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV BERHAMPURE-FARAKKA(NTPC)-1	LART	20/04/22	04:22:00	20/04/22	04:22:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R Successful at both ends.* R/I at Berhampore : M1: R-N fault, F/C:8.53 kA, F/D:42.19 KM ; M2: R-N fault, F/C: 8.53 kA, F/D:41.34 KM
CKT	400KV BERHAMPURE-FARAKKA(NTPC)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV BEHRAMPURE-SAGARDIGHI(WBPDCL)-1	OMSU	25/04/22	07:59:00	25/04/22	18:07:00	0.42	0.00	10.13	0.00	0.00	100.00	* S/D FOR REPLACEMENT OF PORCELAIN INSULATOR BY CLR AT MAJOR CROSSINGS FOR SYSTEM IMPROVEMENT.
CKT	400KV BEHRAMPURE-SAGARDIGHI(WBPDCL)-2	LART	22/04/22	14:21:00	22/04/22	14:21:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R Successful at both ends due to B-N fault. R/I at Berhampore: M1: F/D: 0.974 KM, F/C: 13.93 kA; M2: F/D: 1.0 KM, F/C: 14.2 kA
CKT	400KV BEHRAMPURE-SAGARDIGHI(WBPDCL)-2	OMSU	23/04/22	11:13:00	23/04/22	15:19:00	0.17	0.00	4.10	0.00	0.00	100.00	* S/D FOR REPLACEMENT OF FLASHED OVER INSULATOR DUE TO SEVERE LIGHTENING DURING HEAVY STORM ON DTD. 22.04.2022.
CKT	400KV BARIPADA-DUBURI(OPTCL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV BARIPADA-KHARAGPUR(WBSETCL)-1	OMSU	29/04/22	07:04:00	29/04/22	16:55:00	0.41	0.00	9.85	0.00	0.00	100.00	* 400kv BARIPADA-KHARAGPUR has taken S/D at 07:04 hrs by WBSETCL and line taken IN service at 16:55 hrs.
CKT	400KV-BARIPADA -KEONJHAR-1	SRMT	07/04/22	14:25:00	07/04/22	16:15:00	0.08	1.83	0.00	0.00	0.00	99.75	* Line Tripped. Relay Indication as per AFAS Double end data: Keonjhar End: B-G Fault, 4.155 KA, 0.899 KM. Baripada End: B-G Fault, 2.541 KA, 155.401 KM* 29.04.2022 15:53:51 INDIA Tushar Kanti Dutta (60051070)* During post fault patrolling fault found at Loc No-16(DA+6), where flashover mark found in CC-ring and conductor of B-(hase (Top). Distance is-5.7KM from Keonjhar end. Lightening with thunderstorm* 02.05.2022 12:23:58 INDIA Pothuraju Rajasekhar (60065278)* A/R unsuccessful due to relay maloperation.
CKT	400KV-BARIPADA PANDIABILI-I			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV DUBURI(OPTCL)-PANDIABILI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV DURGAPUR-FARAKKA(NTPC)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV DURGAPUR-FARAKKA(NTPC)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV DURGAPUR-JAMSHEDPUR-1	OMSU	21/04/22	08:10:00	21/04/22	19:32:00	0.47	0.00	11.37	0.00	0.00	100.00	* S/D FOR INSULATOR REPLACEMENT WORK.
CKT	400KV DURGAPUR-JAMSHEDPUR-1	OMSU	22/04/22	08:20:00	22/04/22	19:23:00	0.46	0.00	11.05	0.00	0.00	100.00	* S/D FOR INSULATOR REPLACEMENT WORK.
CKT	400KV DURGAPUR-JAMSHEDPUR-1	OMSU	27/04/22	08:16:00	27/04/22	19:17:00	0.46	0.00	11.02	0.00	0.00	100.00	* S/D FOR INSULATOR REPLACEMENT WORK.
CKT	400KV DURGAPUR-JAMSHEDPUR-1	OMSU	26/04/22	08:09:00	26/04/22	19:24:00	0.47	0.00	11.25	0.00	0.00	100.00	* S/D FOR INSULATOR REPLACEMENT WORK FOR SYSTEM IMPROVEMENT.
CKT	400KV DURGAPUR-JAMSHEDPUR-1	OMSU	29/04/22	08:43:00	29/04/22	19:21:00	0.44	0.00	10.63	0.00	0.00	100.00	* S/D FOR INSULATOR REPLACEMENT WORK
CKT	400KV DURGAPUR-JAMSHEDPUR-1	OMSU	24/04/22	08:42:00	24/04/22	19:03:00	0.43	0.00	10.33	0.00	0.00	100.00	* S/D FOR INSULATOR REPLACEMENT WORK
CKT	400KV DURGAPUR-JAMSHEDPUR-1	LNCC	15/04/22	12:06:00	15/04/22	12:37:00	0.02	0.00	0.00	0.52	0.00	100.00	* Line Tripped during heavy rain and thunderstorm* R/I at Durgapur end: M1: Y-N fault, F/C: 2.87KA, F/D: 65.3KM; M2: Y-N fault, F/C: 2.579KA, F/D: 53.03%* R/I at Jamshedpur end: M1: Y-N fault, F/C: 1.25KA, F/D: 177 KM; M2: Y-N fault, F/C:2.8KA, F/D:119.0KM
CKT	400KV DURGAPUR-JAMSHEDPUR-1	OMSU	23/04/22	08:40:00	23/04/22	19:07:00	0.44	0.00	10.45	0.00	0.00	100.00	* S/D FOR INSULATOR REPLACEMENT WORK.
CKT	400KV DURGAPUR-JAMSHEDPUR-1	OMSU	25/04/22	08:03:00	25/04/22	18:59:00	0.46	0.00	10.93	0.00	0.00	100.00	* S/D FOR INSULATOR REPLACEMENT WORK FOR SYSTEM IMPROVEMENT.
CKT	400KV DURGAPUR-JAMSHEDPUR-1	LART	18/04/22	13:12:00	18/04/22	13:12:00	0.00	0.00	0.00	0.00	0.00	100.00	* Line undergone successful A/R at both end due to B-N, Z-1 fault during heavy thunderstorm and rain.* R/I at DURGAPUR [AFAS]: M1: F/C: 2.55KA, F/D:163.66kms. M2: F/C:2.55KA, F/D:134.7kms.* R/I at JAMSHEDPUR [AFAS]: M1: F/C:8.625KA, F/D: 13.01kms. M2: F/C:8.7KA, F/D:6.926kms
CKT	400KV DURGAPUR-JAMSHEDPUR-1	OMSU	28/04/22	08:15:00	28/04/22	19:27:00	0.47	0.00	11.20	0.00	0.00	100.00	* S/D FOR INSULATOR REPLACEMENT WORK.
CKT	400KV DURGAPUR-KHSTPP(NTPC)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV DURGAPUR-KHSTPP(NTPC)-2	LART	27/04/22	12:25:00	27/04/22	12:25:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R Successful at both ends. R/I at Durgapur: M1: R-N, F/D: 16.35 KM, F/C: 13.190 kA; M2: R-N, F/D: 3.569 KM, F/C: 13.74 kA;
CKT	400KV FARAKKA(NTPC)-NEW PURNEA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV FARAKKA(NTPC)-SAGARDIGHI(WBPDCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV FARAKKA(NTPC)-SAGARDIGHI(WBPDCL)			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 FARAKKA(NTPC)-SAGARDIGHI(WBPDCL)			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 JEERAT(WBSETCL)-RAJARHAT-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 JEERAT(WBSETC)-SAGARDIGHI(WBPDCL)			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 JEERAT(WBSETC)-SAGARDIGHI(WBPDCL)			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 JEERAT(WBSETCL)-SUBASHGRAM			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-JEYPORE -INDRAVATI-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 KISHANGANJ-NEW PURNEA-1(LILO)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV KISHANGANJ-NEW PURNEA-2(LILO)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-MAITHON -DURGAPUR-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-MAITHON -DURGAPUR-2	OSPT	13/04/22	09:22:00	13/04/22	14:34:00	0.22	5.20	0.00	0.00	0.00	0.00	* EMERGENCY SHUTDOWN FOR URGENT RECTIFICATION OF BURNED JUMPER CONE AT LOC-187 TOP PHASE.
							0.22	5.20	0.00	0.00	0.00	99.28	
CKT	400KV MAITHON-JAMSHEDPUR	OMSU	01/04/22	10:09:00	01/04/22	18:23:00	0.34	0.00	8.23	0.00	0.00	0.00	* S/D TAKEN BY ER-1 FOR ELECTRICAL SAFE CLEARANCE DURING DISMANTLING <(>&<)> REPLACEMENT OF MAIN BAY ISOLATOR(OLD) AT JAMSHEDPUR END UNDER ADDCAP.
							0.34	0.00	8.23	0.00	0.00	100.00	
CKT	400KV MAITHON-MAITHON RB(MPL)-1	LCS D	15/04/22	08:01:00	28/04/22	23:41:00	13.65	0.00	0.00	0.00	327.67		* S/D FOR RECONDUCTORING WORK.
							13.65	0.00	0.00	0.00	327.67	100.00	
CKT	400KV MAITHON-MAITHON RB(MPL)-2	LCS D	01/04/22	00:00:01	13/04/22	16:25:00	12.68	0.00	0.00	0.00	304.42		* S/D FOR RE-CONDUCTORING WORK.
CKT	400KV MAITHON-MAITHON RB(MPL)-2	OMSU	14/04/22	11:02:00	14/04/22	16:49:00	0.24	0.00	5.78	0.00	0.00		* EMERGENCY SHUTDOWN TO ATTEND HOTSPOT OBSERVED IN B-PH LINE SIDE DROPPER OF LA, CVT AT 400KV MAITHON-RIGHT BANK-2 LINE AT MPL END.
							12.92	0.00	5.78	0.00	304.42	100.00	
CKT	400KV MAITHON-MEJIA(DVC)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV MAITHON-MEJIA(DVC)-2	SCSD	12/04/22	09:45:00	12/04/22	18:10:00	0.35	0.00	0.00	0.00	8.42		* S/D FOR RELAY TESTING WORK FOR PRE-COMMISSIONING OF TIE CIRCUIT BREAKER (BAY NO. 423) AT MAITHON END UNDER ADDCAP.
							0.35	0.00	0.00	0.00	8.42	100.00	
CKT	400KV MAITHON-MEJIA(DVC)-3	SCSD	22/04/22	10:28:00	22/04/22	19:03:00	0.36	0.00	0.00	0.00	8.58		* S/D FOR PROTECTION SYSTEM CHECKING OF NEWLY REPLACED CB OF 400KV MEJIA#3 TIE BAY UNDER ADDCAP.
CKT	400KV MAITHON-MEJIA(DVC)-3	SCSD	19/04/22	09:51:00	19/04/22	18:01:00	0.34	0.00	0.00	0.00	8.17		* S/D FOR RECONNECTION OF JUMPER AND IPS TUBE TO FACILITATE CB REPLACEMENT WORK IN MEJIA-3 TIE BAY AT MAITHON END.
CKT	400KV MAITHON-MEJIA(DVC)-3	SCSD	09/04/22	10:09:00	09/04/22	18:55:00	0.37	0.00	0.00	0.00	8.77		* S/D FOR REMOVAL OF JUMPER AND IPS TUBE TO FACILITATE CB REPLACEMENT WORK IN MEJIA#3 TIE BAY AT MAITHON END.
							1.07	0.00	0.00	0.00	25.52	100.00	
CKT	400KV MALDA-FARAKKA(NTPC)-1	OSPD	18/04/22	10:59:00	19/04/22	19:11:00	1.34	0.00	0.00	0.00	32.20		* S/D TAKEN BY FSTPP/NTPC FOR RELAY RETROFITTING AND TESTING WORKS AT THEIR END.
CKT	400KV MALDA-FARAKKA(NTPC)-1	SNCC	29/04/22	20:01:00	29/04/22	22:28:00	0.10	0.00	0.00	2.45	0.00		* Tripped from Malda end only as, during heavy cyclonic storm around Malda sub-stations R-phase pipe bus between line isolator <(>&<)> CB of New Purnea-II got damaged resulting bus-bar differential protection operated.
							1.44	0.00	0.00	2.45	32.20	100.00	
CKT	400KV MALDA-FARAKKA(NTPC)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV MALDA-NEW PURNEA-1	SNCC	29/04/22	20:01:00	29/04/22	22:20:00	0.10	0.00	0.00	2.32	0.00		* Tripped from Malda end only on Zone-4 as the fault is near to bus fault. During heavy cyclonic storm around Malda sub-stations R-phase pipe bus between line isolator <(>&<)> CB of New Purnea-II got damaged resulting bus-bar differential protection operated. Said line synchronised at 22:20 hrs on 29.04.22.
CKT	400KV MALDA-NEW PURNEA-1	LNCC	12/04/22	08:53:00	12/04/22	13:24:00	0.19	0.00	0.00	4.52	0.00		* During heavy wind <(>&<)> thunderstorm line tripped. R/I at Malda: M1: Y-N, F/D: 55.76 KM, F/C:4.79 kA; M2: Y-N, F/D:56.4 KM, F/C: 4.8 kA;* R/I at NewPurnea: M1: Y-B, F/C:Iy: 3.814 kA, Ib: 3.431 kA, F/D: 98.19 KM; M2: Y-N, F/C: 3.76kA, F/D: 79.3 KM.
							0.29	0.00	0.00	6.84	0.00	100.00	
CKT	400KV MALDA-NEW PURNEA-2	SNCC	29/04/22	20:01:00	30/04/22	00:37:00	0.19	0.00	0.00	4.60	0.00		* Tripped from Malda end only as, during heavy cyclonic storm around Malda sub-stations R-phase pipe bus between line isolator <(>&<)> CB of New Purnea-II got damaged resulting bus-bar differential protection operated.
CKT	400KV MALDA-NEW PURNEA-2	SCSD	22/04/22	10:43:00	22/04/22	21:13:00	0.44	0.00	0.00	0.00	10.50		* S/D FOR CABLE TERMINATION AND TESTING AND COMMISSIONING OF MAIN BAY CB OF NEW PURNEA-2.
CKT	400KV MALDA-NEW PURNEA-2	LNCC	30/04/22	10:48:00	30/04/22	16:07:00	0.22	0.00	0.00	5.32	0.00		* S/D FOR RECTIFICATION OF ISOLATOR AND BUS PIPE AT MALDA SUBSTATION. THE LINE ISOLATOR CONNECTOR AND CONNECTED AL BUS PIPE (BETWEEN R-PHASE CB POLE TO LINE ISOLATOR HANGING FROM THE CB SIDE) WHICH WAS DAMAGED DUE TO SEVERE STORM AT MALDA ON 29.04.2022.
CKT	400KV MALDA-NEW PURNEA-2	SCSD	21/04/22	08:26:00	21/04/22	19:42:00	0.47	0.00	0.00	0.00	11.27		* S/D FOR CABLE TERMINATION AND TESTING AND COMMISSIONING OF MAIN BAY CB OF NEW PURNEA-2.
CKT	400KV MALDA-NEW PURNEA-2	SCSD	20/04/22	10:54:00	20/04/22	19:06:00	0.34	0.00	0.00	0.00	8.20		* S/D TAKEN CABLE TERMINATION AND TESTING AND COMMISSIONING OF MAIN BAY CB OF NEW PURNEA-2 AT MALDA
							1.66	0.00	0.00	9.92	29.97	100.00	
CKT	400KV MEJIA(DVC)-JAMSHEDPUR	SCSD	18/04/22	09:33:00	18/04/22	17:30:00	0.33	0.00	0.00	0.00	7.95		* S/D TAKEN BY ER-1 FOR SAFETY MEASURES MEJIA MAIN BAY (406-89B) OLD HVELM ISOLATOR REPLACEMENT AT JAMSHEDPUR UNDER ADDCAP.
CKT	400KV MEJIA(DVC)-JAMSHEDPUR	OMSU	15/04/22	12:06:00	15/04/22	12:37:00	0.02	0.00	0.52	0.00	0.00		* Line tripped from Jamshedpur end only due to tripping of 400KV Durgapur-Jamshedpur line.* (As presently Main bay of 400KV Meja-Jamshedpur at Jamshedpur end is under s/d on ADD CAP. The 400KV Durgapur-Jamshedpur and 400KV Meja-Jamshedpur is in same dia and line was charged through Tie Bay).

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 MEJIA(DVC)-JAMSHEDPUR	SCSD	06/04/22	09:40:00	06/04/22	18:21:00	0.36	0.00	0.00	0.00	8.68		* S/D TAKEN BY JAMSHEDPUR, ER-1 FOR MAIN BAY OF MEJIA, 406-89B OLD HIVELM ISOLATOR REPLACEMENT BY GR POWER MAKE UNDER ADDCAP. FOR ELECTRICAL SAFETY CLEARANCE REQUIREMENT DURING DISMANTLING OF OLD ISOLATOR.
							0.71	0.00	0.52	0.00	16.63	100.00	
CKT	400KV MERAMUNDALI(OPTCL)-ANGUL-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
CKT	400KV MERAMUNDALI(OPTCL)-ANGUL-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
CKT	400KV MERAMUNDALI(OPTCL)-BOLANGIR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
CKT	400KV-MENDHASAL-PANDIABILI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
CKT	400KV-MENDHASAL-PANDIABILI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
CKT	400kV NEW PURNEA-GOKARNA(WBSETCL)	LNCC	29/04/22	17:25:00	30/04/22	20:13:00	1.12	0.00	0.00	26.80	0.00		* Tripped during heavy rain (>&<) thunderstorm on R-N fault.* R/I at Newpurnea: M1: F/D: 237.5 KM, F/C: 1.96 kA; M2: F/D: N/A, F/C: 1.94 kA; R/I at Gokarna: R-N, F/D: 4 KM, F/C: 14 kA,* 30.04.2022 20:21:22 INDIA Satyajit Singh (60065410)* During post fault emergency patrolling it is found that, R-phase conductor of 400kV Gokarna Purnea snapped between tower location 14-15.
CKT	400KV NEW PURNEA-GOKARNA(WBSETCL)	OSPT	09/04/22	08:52:00	09/04/22	17:30:00	0.36	8.63	0.00	0.00	0.00		* SHUTDOWN NATURE CRITICAL DEFECT RECTIFICATION WORK.
CKT	400KV-RANGPO-BINAGURI-1	OMSU	23/04/22	12:37:00	23/04/22	13:20:00	0.03	0.00	0.72	0.00	0.00		* R/I at Rangpo end: M1: R-N fault, F/C: 3 KA, F/D: NA, Dir. E/F optd.; M2: R-N fault, F/C: 2.8 KA, F/D: NA, Dir. E/F optd.* R/I at Binaguri: DT received.* During post-fault patrolling, some burnt bushes were found by villagers to clear fields between ckt-I (>&<) ckt-II of location span 54-55. The smoke particles coming out from the burnings have caused the earth fault resulting in tripping of ckt-I.
CKT	400KV-RANGPO-BINAGURI-1	LART	10/04/22	13:21:00	10/04/22	13:21:00	0.00	0.00	0.00	0.00	0.00		* During heavy rain and thunder storm A/R operated successfully at both end due to R-N,Z-1 fault.* R/I at Binaguri(AFAS): M1:F/C:16.639KA,F/D:6.904kms; M2:F/C:16.499KA= ,F/D:7.283kms* R/I at Rangpo (AFAS):M1:F/C:1.894KA,F/D:109kms;M2:F/C:1.899KA,F/D:109kms
							0.03	0.00	0.72	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		
CKT	400KV RANGPO-KISHANGANJ-1	OMSU	08/04/22	11:50:00	08/04/22	13:56:00	0.09	0.00	2.10	0.00	0.00		* MOCK BLACK START DRILL BY TEESTA-III.
CKT	400KV RANGPO-KISHANGANJ-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
CKT	400KV RANGPO-TEESTA 5(NHPC)-1	OMSU	24/04/22	15:57:00	24/04/22	16:57:00	0.04	0.00	1.00	0.00	0.00		* S/D taken for GIB duct movement of 400KV Rangpo-Teesta-V-II(already under S/D) at Rangpo through hydra in high induction area of 400KV Rangpo-Teesta-V-I .
CKT	400KV RANGPO-TEESTA 5(NHPC)-1	OMSU	23/04/22	12:37:00	23/04/22	12:56:00	0.01	0.00	0.32	0.00	0.00		* THE SAID LINE TRIPPED FROM TEESTA END ONLY DUE TO PROBLEM AT THEIR END. CB REMAINS CHARGED FORM RANGPO END.
CKT	400KV RANGPO-TEESTA 5(NHPC)-1	LNCC	26/04/22	18:20:00	26/04/22	18:42:00	0.02	0.00	0.00	0.37	0.00		* THE SAID LINE TRIPPED DURING HEAVY RAIN/LIGHTNING/THUNDERSTORM.* R/I at Rangpo end: M1: R-B fault, Z2 Carr Aided, IR: 13.21KA, IB:12.53KA, F/D: 9.844KM; M2: R-B fault, Z2 Carr Aided, IR: 13.26KA, IB:12.429KA, F/D: 9.9KM
CKT	400KV RANGPO-TEESTA 5(NHPC)-1	SCSD	30/04/22	11:04:00	30/04/22	12:26:00	0.06	0.00	0.00	0.00	1.37		* S/D FOR DOCKING ACTIVITY OF RANGPO TEESTA V CKT-2 (LINE BAY 416) DUE TO ELECTRICAL CLEARANCE ISSUE.
CKT	400KV RANGPO-TEESTA 5(NHPC)-1	LNCC	26/04/22	18:59:00	26/04/22	21:40:00	0.11	0.00	0.00	2.68	0.00		* THE SAID LINE TRIPPED DURING HEAVY RAIN/LIGHTNING/THUNDERSTORM.* R/I at Rangpo end : M1: R-B fault, IR:13.11KA, IB:12.20KA, Z1, F/D: 9.9KM; M2: R-B fault, IR:13.38KA, IB:12.88KA, Z2 Carr. Aided, F/D: 9.9KM
							0.24	0.00	1.32	3.05	1.37	100.00	
CKT	400KV RANGPO-TEESTA 5(NHPC)-2	OMSU	23/04/22	08:27:00	30/04/22	23:59:59	7.65	0.00	183.55	0.00	0.00		* S/D FOR RECTIFICATION OF IDENTIFIED GAS LEAKAGE GIB DUCT OF TEESTA-V FEEDER GENERATED DUE TO EARTH QUAKE
CKT	400KV RANGPO-TEESTA3(Teesta Urja)	OMSU	08/04/22	11:39:00	08/04/22	13:48:00	0.09	0.00	2.15	0.00	0.00		* MOCK BLACK START DRILL BY TEESTA-III.
CKT	400KV RANGPO-TEESTA3(Teesta Urja)	OMSU	30/04/22	17:44:00	30/04/22	18:06:00	0.02	0.00	0.37	0.00	0.00		* Tripped on R-N fault under TVTPL Jurisdiction.* R/I at Rangpo:M1: F/D: 11.129 KM, F/C: 14.23 kA; M2: F/D:11.1 KM, F/C: 14.27 kA.* R/I at Teestalli: F/D: 67.55 KM, F/C: 2.471 kA.
CKT	400KV RANGPO-TEESTA3(Teesta Urja)	OSPT	07/04/22	09:06:00	07/04/22	16:12:00	0.30	7.10	0.00	0.00	0.00		* SHUTDOWN NATURE DEFECT RECTIFICATION WORKS.
							0.41	7.10	2.52	0.00	0.00	99.01	
CKT	400KV-RENGALI -INDRAVATI-1	OSPT	22/04/22	10:30:00	22/04/22	13:04:00	0.11	2.57	0.00	0.00	0.00		* SD taken for isolating its LR at 10:30 hrs and taken into service at 13:04hrs on 22.04.2022
CKT	400KV-RENGALI -INDRAVATI-1	LART	27/04/22	17:57:00	27/04/22	17:57:00	0.00	0.00	0.00	0.00	0.00		* A/R Successful on B Phase; Rengali:Z2,281.3KM,1.357KA Indravati:Z1, 43.7KM,2.46KA (Under Bhawanipatna Jurisdiction)* 29.04.2022 16:10:39 INDIA Tushar Kanti Dutta (60051070)* During Post fault patrolling Bush fire found between span of Location no-336-336. Distance (54KM from Indravati end).
							0.11	2.57	0.00	0.00	0.00	99.64	
CKT	400KV-RENGALI -KEONJHAR-1	OMSU	26/04/22	09:11:00	30/04/22	23:59:59	4.62	0.00	110.82	0.00	0.00		* For Railway Diversion works, availed by GRIDCO
CKT	400KV RAJARHAT-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	100.00	
CKT	400KV RAJARHAT-GOKARNA(WBSETCL)-1	LNCC	14/04/22	17:09:00	14/04/22	19:58:00	0.12	0.00	0.00	2.82	0.00		* Tripped on R-Y-N, Z1 fault due to heavy rain (>&<) thunderstorm.* R/I at Rajarhat: M1:F/D:132 KM, F/C: Ir: 3.18kA, Iy: 3.15kA; M2: F/D:182 KM, F/C: Ir: 3.109kA, Iy: 3.15 kA;* R/I at Gokarna: F/D: 56.73 KM, F/C: Ir: 3.109 kA, Iy: 3.15kA;
							0.12	0.00	0.00	2.82	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		
							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 TALA(BHUTAN)-BINAGURI-1	OSFD	01/04/22	00:00:01	30/04/22	23:59:59	30.00	0.00	0.00	0.00	720.00		* 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.
CKT	400KV TALA(BHUTAN)-BINAGURI-2	OMSU	01/04/22	00:00:01	30/04/22	23:59:59	30.00	0.00	0.00	0.00	720.00	100.00	* TRIPPED ON DT RECEIVED AT BINAGURI DUE TO FIRE OUTBREAK AT R-PHASE OF XLPE CABLE TERMINATION AT TALA/BHUTAN END.
CKT	400KV TALA(BHUTAN)-BINAGURI-4	OMSU	29/04/22	07:39:00	29/04/22	09:46:00	0.09	0.00	2.12	0.00	0.00	100.00	* THE SAID LINE TRIPPED DURING HEAVY RAIN AND THUNDERSTORM.* R/I AT BINAGURI END: M1: RB, IR=4.3KA, IB=4.57KA, F/D=138.0 KM (Fault under Bhutan Jurisdiction); M2: RB, IR:4.4 KA, IB:4.5 KA, F/D: 115.53 KM (Fault under Bhutan Jurisdiction). DT Received from Tala end.* Line was charged from Binaguri end at 09:13 hrs. and synchronized at Tala end at 09:46 hrs. on 29.04.2022.
CKT	400KV TALA(BHUTAN)-BINAGURI-4	LART	03/04/22	00:21:00	03/04/22	00:21:00	0.00	0.00	0.00	0.00	0.00		* A/R OPERATED SUCCESSFULLY AT BOTH ENDS.* R/I AT BINAGURI: M-1: Y-N FAULT, F/C: 6.748 KA, F/D: 39.71 KM; M-2: Y-N FAULT, F/C: 0.275 KA, F/D: NA.
CKT	400KV TALA(BHUTAN)-BINAGURI-4	LART	09/04/22	22:28:00	09/04/22	22:28:00	0.00	0.00	0.00	0.00	0.00		* A/R OPERATED SUCCESSFULLY AT BOTH ENDS.* R/I AT BINAGURI: M-1: Y-N FAULT, F/C: 4.063 KA, F/D: 88.99 KM; M-2: Y-N FAULT, F/C: 4.023 KA, F/D: 88.57 KM.
CKT	400KV-TALCHAR-ANGUL-2			00:00:00		00:00:00	0.09	0.00	2.12	0.00	0.00	100.00	
CKT	400kv TALCHER(NTPC)-MERAMUNDALI(OPTCL	OSPT	12/04/22	13:37:00	13/04/22	19:19:00	1.24	0.00	29.70	0.00	0.00		* To avail emergency SD for rectification of snapped earth wire in between Loc. No 121 to 125 of Talcher-Meramundali#1 <(>&<)- Talcher- Meramundali#2* 13.04.2022 19:31:42 INDIA Pothuraju Rajasekhar (60065278)* Taken In Service at 19:19 Hrs.
CKT	400kv TALCHER(NTPC)-MERAMUNDALI(OPTCL	LART	12/04/22	06:17:00	12/04/22	06:17:00	0.00	0.00	0.00	0.00	0.00		* The 400 KV Talcher-Meramundali #1 A/Reclose successful at 06:17 Hrs. on 12/04/2022, R/I at NTPC Talcher end: Bph-G, FD: 41.19KM, FC: 1.34 KA. At Meramundali end: Bph-G, Zone#1, FD:20.2 Km, FC:16.13 KA.* 12.04.2022 12:16:37 INDIA Kamal Baidya (60041422)* During patrolling of Talcher-Meramundali#1 <(>&<)- Talcher-Meramundali#2= ,noticed Earthwire snapped in between Loc No 121-125.
CKT	400kv TALCHER(NTPC)-MERAMUNDALI(OPTCL	LMAC	25/04/22	12:42:00	25/04/22	15:20:00	0.11	0.00	0.00	2.63	0.00		* Tripped at 12:42 Hrs.* Relay indication received from Meramundali end* M1,B-G, 7.11kA, 25.8KM . SOTF Operated in 2nd cycle of A/R* 25.04.2022 21:43:50 INDIA Pothuraju Rajasekhar (60065278)* Line taken IN service at 15:20 Hrs* 29.04.2022 16:05:57 INDIA Tushar Kanti Dutta (60051070)* During post fault patrolling bush fire found betwn Loc No-62-63 at a distance fo 23 KM from talcher end.
CKT	400kv TALCHER(NTPC)-MERAMUNDALI(OPTCL	LART	12/04/22	06:37:00	12/04/22	06:37:00	1.35	0.00	29.70	0.00	2.63	95.86	* The 400 KV 400 KV Talcher-Meramundali #2, A/Reclose successfulat 06:37 Hrs. on 12/04/2022, R/I at NTPC Talcher end: Bph-G, FD: 41.19Km, FC: 3.2 KA. At Meramundali end: Bph-G, Zone#1, FD:31.7 Km, FC: 8.03 KA* 12.04.2022 12:20:36 INDIA Kamal Baidya (60041422)* During Patrolling it is found that, E/Wire snspded in between Loc No 121-125 of Talcher-Meramundali #1 <(>&<)- Talcher-Meramundali #2.
CKT	400kv TALCHER(NTPC)-MERAMUNDALI(OPTCL	OSPT	12/04/22	13:46:00	13/04/22	19:21:00	1.23	0.00	29.58	0.00	0.00		* To avail emergency SD for rectification of snapped earth wire in between Loc. No 121 to 125 of Talcher-Meramundali#1 <(>&<)- Talcher- Meramundali#2* 13.04.2022 19:36:00 INDIA Pothuraju Rajasekhar (60065278)* Taken IN service at 19:21 Hrs.
CKT	400kv TALCHER(NTPC)-MERAMUNDALI(OPTCL	OSPT	21/04/22	06:16:00	21/04/22	15:40:00	0.39	9.40	0.00	0.00	0.00		* EMERGENCY SD TAKEN FOR DEFECTIVE INSULATOR REPLACEMENT AT LOC NO 122 IN Y Phase* 21.04.2022 18:02:17 INDIA Pothuraju Rajasekhar (60065278)* Line taken IN service at 15:40 Hrs
CKT	400kv TALCHER(NTPC)-MERAMUNDALI(OPTCL	LART	21/04/22	03:52:34	21/04/22	03:52:34	0.00	0.00	0.00	0.00	0.00		* A/R SUCCESSFUL AT BOTH ENDS* Relay indication NTPC: Z1,B-G, 41.75KM 4.74kA* Meramundali: Z1,B-G,16KM, 8.1kA
CKT	400kv TALCHER(NTPC)-MERAMUNDALI(OPTCL	LART	20/04/22	06:21:00	20/04/22	06:21:00	0.00	0.00	0.00	0.00	0.00		* The 400 KV Talcher-Meramundali #2 Auto Reclose operated successfully from Talcher and Meramundali both ends at 06:21 Hrs. on 20/04/2022. The Relay Indication at Talcher End: Z1, Y-N Fault, 41.63 KM, 7.41 KA. Meramundali End: Z1, Y-N Fault, 17.6 KM, 8.23 KA.* 29.04.2022 16:00:41 INDIA Tushar Kanti Dutta (60051070)* During Post fult patrolling fault found at Loc No-122(DA+3), where flashover mark found between FRP rod, Insulator surface, CC-ring, <(>&<)- Arcing horn.Distance from Talcher end-44.83KM. Pollution
CKT	400kv TALCHER(NTPC)-RENGALI-1	OSPD	01/04/22	00:00:01	06/04/22	20:00:00	1.62	5.83	38.98	0.00	0.00	94.59	* SD TAKEN BY NTPC FOR LINE ISOLATOR REPLACEMENT WORK AT TALCHER(NTPC) END
CKT	400kv TALCHER(NTPC)-RENGALI-2			00:00:00		00:00:00	5.83	0.00	0.00	0.00	0.00	100.00	
CKT	400kv TALCHER(NTPC)-ROURKELA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kv TALCHER(NTPC)-ROURKELA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765 KV ANGUL-JHARSUGURA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765 KV ANGUL-JHARSUGURA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765 KV ANGUL-JHARSUGURA-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765 KV ANGUL-JHARSUGURA-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kv DARLIPALLI(NTPC)-JHARSUGURA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	765kV DARLIPALLI(NTPC)-JHARSUGURA-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	66KV MELLI(SIKKIM)-RABANGLA(SIKKIM)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	66KV RANGIT(NHPC)-RABANGLA(SIKKIM)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF SUNDERGARH-4 AT ANGUL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF SUNDERGARH-3 AT ANGUL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF SRIKAKULAM-2 AT ANGUL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF SRIKAKULAM-1 AT ANGUL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF SUNDERGARH-2 AT ANGUL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	240MVAR,SWLR OF SUNDERGARH-1 AT ANGUL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF ANGUL AT BOLANGIR	SVRD	01/04/22	15:55:00	30/04/22	23:59:59	29.34	0.00	0.00	0.00	704.08	100.00	* The 400 KV 50 MVAR Switchable LR of Bolangir-Meramundali Line Hand tripped as per instruction of ERLDC for voltage regulation at 15:55 Hrs. on 01/04/2022, vide ERLDC Code NO:30* 23.06.2022 20:05:22 INDIA Pothuraju Rajasekhar (60065278)* Reactor taken IN service at 19:01 Hrs.
LNR	50MVAR,SWLR OF JEYPORE AT BOLANGIR	SVRD	01/04/22	00:00:01	30/04/22	23:59:59	29.34	0.00	0.00	0.00	720.08	100.00	* HT for Voltage Regulation* 14.05.2022 09:53:30 INDIA Kamal Baidya (60041422)* The Switchable LR of Jeypure Line at Bolangir taken into service at 09:35 Hrs. on 14/05/2022, vide ERLDC Code No:726.
LNR	80MVAR,SWLR OF ALIPURDUAR-1 AT BINAGUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,SWLR OF ALIPURDUAR-2 AT BINAGUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF KEONJHAR AT BARIPADA	OSPD	11/04/22	09:29:00	25/04/22	17:52:00	14.35	0.00	0.00	0.00	344.38	100.00	* The 50 MVAR Switchable LR of Keonghar Line at Baripada taken under SD at 09:29 Hrs.on 11/04/2022, vide ERLDC Code No:647 For retrofitting of GE make circuit breaker.* 28.04.2022 11:17:30 INDIA Pothuraju Rajasekhar (60065278)* In view of system strenghtening,obsolete ABB make CB has been replaced by GE make CB
LNR	63MVAR,SWLR OF DUBURI AT BARIPADA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR,SWLR OF GOKARNA-1 AT FARAKKA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF MEJIA-1 AT MAITHON			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF GAYA-1 AT MAITHON			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF GAYA-2 AT MAITHON			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	80MVAR SWLR OF BOLANGIR AT MERAMUNDA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	63MVAR,SWLR OF BARIPADA AT PANDIABILI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	63MVAR,SWLR OF DUBRI AT PANDIABILI	SVRD	01/04/22	00:00:01	29/04/22	20:05:00	28.84	0.00	0.00	0.00	692.08	100.00	* The 400 KV 63 MVAR LR of Pandibili-New Dubri Line Hand tripped due to Voltage regulation at 19:17 Hrs on 24.03.2022,vide ERLDC code No:1292. * 29.04.2022 20:10:48 INDIA Pothuraju Rajasekhar (60065278)* Reactor taken IN service at 20:05 Hrs on 29.04.2022 as per instruction of ERLDC.
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	01/04/22	00:00:01	30/04/22	23:59:59	30.00	0.00	0.00	0.00	720.00	100.00	* 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			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 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	

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	160MVA,220/132kV ICT-2 AT BIRPARA			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 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	SPRD	20/04/22	16:27:00	20/04/22	19:49:00	0.14	0.00	0.00	0.00	3.37	100.00	* H/T for Physical regulatory as per Instruction of ERLDC at16:27 and charged at 19:49 hrs on 20.04.22
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	SPRD	20/04/22	17:54:00	20/04/22	20:04:00	0.09	0.00	0.00	0.00	2.17	100.00	* H/T for Physical regulatory as per Instruction of ERLDC at 17:54 hrs and charged at 20:04 hrs on 20.04.22
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	SBBT	28/04/22	05:58:00	28/04/22	09:21:00	0.14	3.38	0.00	0.00	0.00	99.53	* ICT-I TRIPPED ON 220KV BUS BAR-I PROTECTION OPERATED.
XMER	315MVA,400/220kV ICT-2 AT DURGAPUR	OMSU	28/04/22	05:58:00	28/04/22	07:48:00	0.08	0.00	1.83	0.00	0.00	100.00	* ICT-II TRIPPED DUE TO OVVER CURRENT PROTECTION OPERATED AS PER COORDINATION ISSUE WITH DVC(PARULIA) DURING SOME PROBLEM AT DVC END.
XMER	315MVA,400/220kV ICT-3 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-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	SCSD	16/04/22	00:36:00	16/04/22	05:00:00	0.18	0.00	0.00	0.00	4.40	100.00	* SWITCHED OFF DUE TO 132 KV BUS SHUTDOWN FOR BUS-III EXTENSION WORK UNDER CSSTDS PROJECTS AT RANGPO.
XMER	50MVA,132/66kV ICT-1 AT GANGTOK	OMSU	23/04/22	00:06:00	23/04/22	05:48:00	0.24	0.00	5.70	0.00	0.00	100.00	* SWITCHED OFF AS PER ERLDC INSTRUCTION TO FACILITATE 132 KV BUS EXTENSION WORK UNDER CSSTDS PROJECTS AT RANGPO.
XMER	50MVA,132/66kV ICT-2 AT GANGTOK	SCSD	16/04/22	00:36:00	16/04/22	05:01:00	0.18	0.00	0.00	0.00	4.42	100.00	* SWITCHED OFF DUE TO 132 KV BUS SHUTDOWN FOR BUS-III EXTENSION WORK UNDER CSSTDS PROJECTS AT RANGPO.
XMER	50MVA,132/66kV ICT-2 AT GANGTOK	OMSU	23/04/22	00:06:00	23/04/22	05:48:00	0.24	0.00	5.70	0.00	0.00	100.00	* SWITCHED OFF AS PER ERLDC INSTRUCTION TO FACILITATE 132 KV BUS EXTENSION WORK UNDER CSSTDS PROJECTS AT RANGPO.
XMER	315MVA, 400/220kV ICT-1&3 AT JEYPORE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA, 400/220kV ICT-2&4 AT JEYPORE			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 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			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 MAITHON			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 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	SNCC	29/04/22	20:01:00	29/04/22	22:37:00	0.11	0.00	0.00	2.60	0.00	100.00	* Tripped as during heavy cyclonic storm around Malda sub-stations R-phase pipe bus between line isolator <-&<-> CB of New Purnea-II got damaged resulting bus-bar differential protection operated.
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			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 PANDIABILI	OSPT	06/04/22	09:32:00	06/04/22	19:56:00	0.43	10.40	0.00	0.00	0.00	98.38	* SD taken for AMP on 06.04.2022 09:32Hrs
XMER	500MVA,400/220kV ICT-1 AT PANDIABILI	OSPT	13/04/22	12:03:00	13/04/22	13:19:00	0.05	1.27	0.00	0.00	0.00	98.80	* SD taken for collecting oil samples at 12:03 hrs on 13.04.2022* 13.04.2022 21:25:22 INDIA Kamal Baidya (60041422)* The above said ICT #1 at Pandibili taken into service after taking Oil sample at 13:19 Hrs. on 13/04/2022, vide ERLDC Code No:757.
XMER	500MVA,400/220kV ICT-2 AT PANDIABILI	OSPT	07/04/22	10:21:00	07/04/22	19:01:00	0.36	8.67	0.00	0.00	0.00	98.80	* 500MVA,400/220kV ICT-2 AT PANDIABILI FOR AMP WORKS
XMER	100MVA,220/132kV ICT-1 AT RANGPO	SCSD	16/04/22	00:09:00	16/04/22	04:53:00	0.20	0.00	0.00	0.00	4.73	100.00	* SWITCHED OFF TO FACILITATE 132 KV BUS-III EXTENSION WORK UNDER CSSTDS PROJECTS AT RANGPO.
XMER	100MVA,220/132kV ICT-1 AT RANGPO	SCSD	23/04/22	00:05:00	23/04/22	05:34:00	0.23	0.00	0.00	0.00	5.48	100.00	* SWITCHED OFF TO FACILITATE 132 KV BUS-III/IV EXTENSION WORK UNDER CSSTDS PROJECTS AT RANGPO.
XMER	100MVA,220/132kV ICT-1 AT RANGPO	OMSU	09/04/22	09:27:00	09/04/22	13:53:00	0.19	0.00	4.43	0.00	0.00	100.00	* SHUTDOWN TO FACILITATE 132KV BUS S/D AT RANGPO FOR HV TESTING OF 132KV RANGPO-SAMARDONG BAY-1 <-&<->2 (115<-&<->116)
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	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	100MVA,220/132kV ICT-2 AT RANGPO	OMSU	09/04/22	09:26:00	09/04/22	13:50:00	0.18	0.00	4.40	0.00	0.00		* SHUTDOWN TO FACILITATE 132KV BUS S/D AT RANGPO FOR HV TESTING OF 132KV RANGPO-SAMARDONG BAY-1 <(>&<)-2 (115<(>&<)-116)
XMER	100MVA,220/132kV ICT-2 AT RANGPO	SCSD	23/04/22	00:05:00	23/04/22	05:34:00	0.23	0.00	0.00	0.00	5.48		* SWITCHED OFF TO FACILITATE 132 KV BUS-II/IV EXTENSION WORK UNDER CSSTDs PROJECTS AT RANGPO.
XMER	100MVA,220/132kV ICT-2 AT RANGPO	SCSD	16/04/22	00:09:00	16/04/22	05:00:00	0.20	0.00	0.00	0.00	4.85		* SWITCHED OFF TO FACILITATE 132 KV BUS-I/III EXTENSION WORK UNDER CSSTDs PROJECTS AT RANGPO.
							0.61	0.00	4.40	0.00	10.33	100.00	
XMER	315MVA,400/220kV ICT-2 AT RANGPO	OMSU	01/04/22	00:00:01	15/04/22	10:22:00	14.43	0.00	346.37	0.00	0.00		* Emergency H/T due to high C2H2 content.
							14.43	0.00	346.37	0.00	0.00	100.00	
XMER	100MVA,220/132kV ICT-3 AT RANGPO	SCSD	23/04/22	00:14:00	23/04/22	05:37:00	0.22	0.00	0.00	0.00	5.38		* SWITCHED OFF TO FACILITATE 132 KV BUS-II/IV EXTENSION WORK UNDER CSSTDs PROJECTS AT RANGPO.
XMER	100MVA,220/132kV ICT-3 AT RANGPO	SCSD	16/04/22	00:11:00	16/04/22	04:54:00	0.20	0.00	0.00	0.00	4.72		* SWITCHED OFF TO FACILITATE 132 KV BUS-I/III EXTENSION WORK UNDER CSSTDs PROJECTS AT RANGPO.
XMER	100MVA,220/132kV ICT-3 AT RANGPO	OMSU	09/04/22	09:26:00	09/04/22	13:49:00	0.18	0.00	4.38	0.00	0.00		* SHUTDOWN TO FACILITATE 132KV BUS S/D AT RANGPO FOR HV TESTING OF 132KV RANGPO-SAMARDONG BAY-1 <(>&<)-2 (115<(>&<)-116)
							0.60	0.00	4.38	0.00	10.10	100.00	
XMER	315MVA,400/220kV ICT-3 AT RANGPO			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	
XMER	315MVA,400/220kV ICT-4 AT RANGPO	OMSU	01/04/22	00:00:01	18/04/22	11:59:00	17.50	0.00	419.98	0.00	0.00		* Emergency H/T due to high C2H2 content.
							17.50	0.00	419.98	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		
							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		
							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		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT RAJARHAT	OSPT	03/04/22	06:03:00	03/04/22	13:24:00	0.31	7.35	0.00	0.00	0.00		* S/D FOR AMP WORK.
							0.31	7.35	0.00	0.00	0.00	98.98	
XMER	500MVA,400/220kV ICT-2 AT RAJARHAT			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	
XMER	315MVA,400/220kV ICT-1 AT ROURKELA			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	
XMER	ROURKELA 400KV 315MVA ICT-2 BHEL			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	
XMER	ROURKELA 400KV 315MVA ICT-4 CGL			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	
XMER	315MVA,400/220kV ICT-1 AT SUBHASHGRAM			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	
XMER	315MVA,400/220kV ICT-2 AT SUBHASHGRAM	OMSU	21/04/22	09:46:00	21/04/22	10:24:00	0.03	0.00	0.63	0.00	0.00		* Tripped due to cable damage by rat bite.
							0.03	0.00	0.63	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		
							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		
							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		
							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		
							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		
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	1500MVA,765/400kV ICT-3 AT SUNDERGARH	OSPD	06/04/22	09:27:00	06/04/22	13:16:00	0.16	0.00	0.00	0.00	3.82		* SD taken for Spare rotation on 06.04.2022 09:27hrs* 06.04.2022 13:27:53 INDIA Anil Kumar Nayak (60065074)* 1500MVA ICT #3 TAKEN IN TO SERVICE AT 13:16HRS ON 06.04.2022
							0.16	0.00	0.00	0.00	3.82	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		
							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		
							0.00	0.00	0.00	0.00	0.00	100.00	
							676.23	228.74	2,726.32	87.57	13,186.16		