

Standard of Performance data for the month of July-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	30/07/22	20:00:00	31/07/22	23:59:59	1.17	0.00	0.00	0.00	28.00	100.00	* The 400 KV 80 MVAR BR #1 at Bolangir SS H/T at 20:00 Hrs. on 30/07/2022, vide ERLDC code No:1357 as per instruction of ERLDC for voltage Regulation.
BSR	80MVAR,BUS REACTOR-1 AT BOLANGIR	SVRD	01/07/22	00:00:01	06/07/22	12:50:00	5.54	0.00	0.00	0.00	132.83	100.00	* H/T as per instruction of ERLDC for voltage regulation.
BSR	80MVAR,BUS REACTOR-1 AT BOLANGIR	SVRD	20/07/22	19:11:00	23/07/22	06:53:00	2.49	0.00	0.00	0.00	59.70	100.00	* H/T as per instruction of ERLDC for voltage regulation.* 23.07.2022 16:11:51 INDIA Kamal Baidya (60041422)* The above said BR at Bolangir charged at 06:53 Hrs. on 23/07/2022, vide ERLDC Code No:1013.
							9.20	0.00	0.00	0.00	220.53	100.00	
BSR	125MVAR,BUS REACTOR-2 AT BOLANGIR	SVRD	28/07/22	20:04:00	31/07/22	23:59:59	3.16	0.00	0.00	0.00	75.93	100.00	* HAND TRIPPED FOR VOLTAGE REGULATION AS PER INSTRUCTION OF ERLDC
BSR	125MVAR,BUS REACTOR-2 AT BOLANGIR	SVRD	18/07/22	19:28:00	19/07/22	14:42:00	0.80	0.00	0.00	0.00	19.23	100.00	* 125MVAR,BUS REACTOR-2 AT BOLANGIR H/T at 19:28 Hrs for voltage regulation
BSR	125MVAR,BUS REACTOR-2 AT BOLANGIR	SVRD	14/07/22	19:47:00	15/07/22	06:08:00	0.43	0.00	0.00	0.00	10.35	100.00	* The 400 KV, 315 MVAR BR#2 at Bolangir SS Hand Tripped at 19:47 Hrs. on 14/07/2022 for Voltage Regulation.vide ERLDC Code NO:635
BSR	125MVAR,BUS REACTOR-2 AT BOLANGIR	SVRD	03/07/22	16:25:00	04/07/22	10:12:00	0.74	0.00	0.00	0.00	17.78	100.00	* 125MVAR,BUS REACTOR-2 AT BOLANGIR H/T at 16:25 Hrs for voltage regulation as per ERLDC instruction.
							5.13	0.00	0.00	0.00	123.29	100.00	
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT BARIPADA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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	01/07/22	00:00:01	31/07/22	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.
							31.00	0.00	0.00	0.00	744.00	100.00	
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	OSPT	07/07/22	09:17:00	07/07/22	20:06:00	0.45	10.82	0.00	0.00	0.00	98.55	* SD TAKEN FOR AMP WORK
							0.45	10.82	0.00	0.00	0.00	98.55	
BSR	50*2 MVAR,BUSREACTOR-1 AT JEERAT WBSSET	SVRD	19/07/22	12:17:00	20/07/22	04:41:00	0.68	0.00	0.00	0.00	16.40	100.00	* Hand tripped as per ERLDC instruction for voltage regulation in the system.
BSR	50*2 MVAR,BUSREACTOR-1 AT JEERAT WBSSET	SVRD	29/07/22	11:29:11	31/07/22	17:39:00	2.26	0.00	0.00	0.00	54.16	100.00	* Hand tripped as per ERLDC instruction for voltage regulation in the system vide ERLDC code no 1291 and Voltage Change : 397/400KV.
							2.94	0.00	0.00	0.00	70.56	100.00	
BSR	63MVAR,BUS REACTOR-1 AT JEYPORE	SVRD	01/07/22	00:00:01	31/07/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* HT for Voltage Regulation
							31.00	0.00	0.00	0.00	744.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT JEYPORE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-1 AT KEONJHAR	SBBT	12/07/22	09:27:00	12/07/22	14:42:00	0.22	5.25	0.00	0.00	0.00	100.00	* Busbar Protection Operated

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BSR	125MVAR,BUS REACTOR-2 AT KEONJHAR	SVRD	01/07/22	00:00:01	14/07/22	22:22:00	13.93	0.22	5.25	0.00	0.00	99.29	* The 400 KV 125 MVAR BR #2 at Keonjhar H/T for Voltage Regulation as per instruction of ERLDC vide Code NO:348,at 13:26 Hrs. on 06/05/2022
							13.93	0.00	0.00	0.00	334.37	100.00	
BSR	125MVAR,BUS REACTOR-1 AT MAITHON	SVRD	27/07/22	19:20:00	31/07/22	23:59:59	4.19	0.00	0.00	0.00	100.67	100.00	* Hand tripped as per ERLDC instruction for voltage regulation in the system.
							4.19	0.00	0.00	0.00	100.67	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	
							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	
							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	
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-1 AT PANDIABILI			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	
BSR	80MVAR,BUS REACTOR-1 AT RANGPO			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	
BSR	80MVAR,BUS REACTOR-2 AT RANGPO			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	
BSR	125MVAR,BUS REACTOR-1 AT RENGALI			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	
BSR	125MVAR,BUS REACTOR-2 AT RENGALI			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	
BSR	125MVAR,BUS REACTOR-1 AT RAJARHAT	SVRD	01/07/22	00:00:01	31/07/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* H/T FOR V/R AS PER ERLDC INSTRUCTION.
							31.00	0.00	0.00	0.00	744.00	100.00	
BSR	125MVAR,BUS REACTOR-2 AT RAJARHAT	SVRD	01/07/22	00:00:01	31/07/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* H/T FOR V/R AS PER ERLDC INSTRUCTION.
							31.00	0.00	0.00	0.00	744.00	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	100.00	
							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	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-1 AT SUBHASHGRAM	SVRD	01/07/22	00:00:01	06/07/22	06:02:00	5.25	0.00	0.00	0.00	126.03	100.00	* H/T FOR V/R AS PER ERLDC INSTRUCTION.* Voltage variation : 395kV/396kV
							5.25	0.00	0.00	0.00	126.03	100.00	
BSR	125MVAR,BUS REACTOR-1 AT SUBHASHGRAM	SVRD	12/07/22	14:34:00	31/07/22	23:59:59	19.39	0.00	0.00	0.00	465.43	100.00	* H/T FOR VOLTAGE REGULATION AS PER ERLDC INSTRUCTION.
							19.39	0.00	0.00	0.00	465.43	100.00	
BSR	125MVAR,BUS REACTOR-1 AT SUBHASHGRAM	SVRD	07/07/22	23:00:00	10/07/22	06:20:00	2.31	0.00	0.00	0.00	55.33	100.00	* H/T FOR VOLTAGE REGULATION AS PER ERLDC INSTRUCTION.
							2.31	0.00	0.00	0.00	55.33	100.00	
							26.95	0.00	0.00	0.00	646.79	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	100.00	
							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	100.00	
							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	100.00	
							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	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132KV MELLI(SIKKIM)-SILIGURI-1	OMSU	08/07/22	08:12:00	08/07/22	18:39:00	0.44	0.00	10.45	0.00	0.00	0.00	* S/D FOR IMPLEMENTATION OF 3-PH A/R.
CKT	132KV MELLI(SIKKIM)-SILIGURI-1	LNCC	20/07/22	11:59:00	20/07/22	16:32:00	0.19	0.00	0.00	4.55	0.00	0.00	* S/D taken for Removing of Bamboo bush leaning towards conductor in hilly terrain of the line section (loc. 192-193).* 01.08.2022 16:10:29 INDIA Saswati Sarkar (60001438)* caused due to hill sinking.
CKT	132KV MELLI(SIKKIM)-SILIGURI-1	OMSU	27/07/22	04:35:00	27/07/22	05:31:00	0.04	0.00	0.93	0.00	0.00	0.00	* 132kV Siliguri-Melli line tripped at both ends at 04:35 hrs on 27.07.2022.* R/I at Siliguri (AFAS): M1: Y-N, F/C: 3.112 kA, F/D: 24.438 km.* R/I at Siliguri (Site): M1: Y-N, F/C: 2.68 kA, F/D: 24.0 km.* Check sync A/R was enabled at Siliguri end in live line and live bus condition only and Dead line A/R needs to be implemented at Melli end in consultation with Sikkim. Therefore, after the dead time healthy line voltage was not available at Siliguri end, so A/R command was not issued by BCU at Siliguri end.
							0.67	0.00	11.38	4.55	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	100.00	
							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	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132KV-RANGPO-GANGTOK-1	LNCC	21/07/22	15:05:00	21/07/22	16:53:00	0.08	0.00	0.00	1.80	0.00	0.00	* S/D FOR CLERANCING BOMBOO BUSHES/TREE BETWEEN LOC. 141-142 DUE TO MERGE SLIDING AND HEAVY RAIN.
							0.08	0.00	0.00	1.80	0.00	100.00	
CKT	132KV-RANGPO-GANGTOK-2	LNCC	12/07/22	09:06:00	12/07/22	17:31:00	0.35	0.00	0.00	8.42	0.00	0.00	* S/D for sag adjstment due to hill sinking at location: 20-21
							0.35	0.00	0.00	8.42	0.00	0.00	
CKT	132KV-RANGPO-GANGTOK-2	LNCC	13/07/22	09:18:00	13/07/22	17:53:00	0.36	0.00	0.00	8.58	0.00	0.00	* S/D FOR SAG ADJUSTMENT DUE TO HILL SINKING AT LOCATION: 20-21.
							0.71	0.00	0.00	17.00	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	

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 RANGIT(NHPC)-KERSEONG(WBSETCL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132KV RANGIT(NHPC)-RAMMAM(WBSEDCL)-1	LNCC	14/07/22	09:07:00	14/07/22	15:18:00	0.26	0.00	0.00	6.18	0.00		* SHUTDOWN FOR RECTIFICATION OF DAMAGED CONDUCTOR DUE TO HILL SINKING AT LOC. 2, 5 <(>&<)> 66.
CKT	132KV RANGIT(NHPC)-RAMMAM(WBSEDCL)-1	LNCC	13/07/22	09:08:00	13/07/22	16:09:00	0.29	0.00	0.00	7.02	0.00		* SHUTDOWN FOR RECTIFICATION OF DAMAGED CONDUCTOR DUE TO HILL SINKING AT LOC. 2, 5 <(>&<)> 66.
							0.55	0.00	0.00	13.20	0.00	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	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132KV SILIGURI-KURSEONG(WBSETCL)	OMSU	27/07/22	04:35:00	27/07/22	05:29:00	0.04	0.00	0.90	0.00	0.00		* 132KV Siliguri-Kurseong line A/R operated at Siliguri end but tripped at Kurseong end at 04:35 hrs on 27.07.2022.* R/I at Siliguri (Site): M1: Y-N, F/C: 2.71 kA, F/D: 33.42 km. (Fault under WBSETCL jurisdiction)* A/R is successful at Siliguri end and Kurseong end bay is owned by WBSETCL. A/R is yet to be implemented by WBSETCL at Kurseong end.
CKT	132KV SILIGURI-KURSEONG(WBSETCL)	OMSU	09/07/22	08:38:00	09/07/22	13:52:00	0.22	0.00	5.23	0.00	0.00		* S/D FOR IMPLEMENTATION OF 3-PH A/R ON EMERGENCY BASIS.
							0.26	0.00	6.13	0.00	0.00	100.00	
CKT	220KV ALIPURDUAR-SALAKATI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV ALIPURDUAR-SALAKATI-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV BIRPARA-ALIPURDUAR-1	LNCC	20/07/22	00:13:00	20/07/22	00:52:00	0.03	0.00	0.00	0.65	0.00		* 220kV Alipurduar-Birpara-1 tripped at both ends at 00:13 hrs on 20.07.2022.* R/I at Alipurduar end: M1: RB-N, F/D: NA, Ir= 9.9 kA, Ib= 5.76 kA ; M2: RB-N, F/D: 6.2 km, Ir= 15.0 kA, Ib= 7.1 kA* R/I at Birpara end: M1: RB-N, F/D: 49.98 km, Ir= 2.8 kA, Ib= 2.4 kA ; M2: RB-N, F/D: 49.27 km, Ir= 2.96 kA, Ib= 2.39 kA* The said line taken into service at 00:52 hrs on 20.07.2022.
							0.03	0.00	0.00	0.65	0.00	100.00	
CKT	220KV BIRPARA-ALIPURDUAR-2	LNCC	20/07/22	00:13:00	20/07/22	00:36:00	0.02	0.00	0.00	0.38	0.00		* 220kV Alipurduar-Birpara-2 tripped at Birpara end and A/R operated at Alipurduar end at 00:13 hrs on 20.07.2022.* R/I at Alipurduar end: M1: B-N, F/D: 5.1 km, Ib= 5.9 kA ; M2: B-N, F/D: 4.4 km, Ib= 6.3 kA* R/I at Birpara end: M1: RB-N, F/D: 77.1 km, Ir= 0.918 kA, Ib= 2.23 kA ; M2: RB-N, F/D: 57.2 km, Ir= 1.02 kA, Ib= 2.50 kA* The said line synchronised from Birpara end at 00:36 hrs on 20.07.2022
							0.02	0.00	0.00	0.38	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	
							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	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220KV BIRPARA-CHUKHA(BHUTAN)-1	OMSU	15/07/22	16:33:00	15/07/22	16:33:00	0.00	0.00	0.00	0.00	0.00		* 220kV Birpara-Chukha - 1 A/R operated successfully at both ends at 16:33 hrs on 15.07.2022.* R/I of Chukha-1 at Birpara (Site): M1: B-N, Z1, F/D: 54.04 km, F/C: 2.072 kA ; M2: B-N, Z1, F/D: 52.26 km, F/C: 2.134 kA* R/I of Chukha-1 at Birpara (AFAS): M1: B-N, F/D: 52.282 km, F/C: 2.324 kA ; M2: B-N, F/D: 52.6 km, F/C: 2.311 Ka* Fault is under Bhutan jurisdiction
CKT	220KV BIRPARA-CHUKHA(BHUTAN)-1	OMSU	07/07/22	21:04:00	07/07/22	21:38:00	0.02	0.00	0.57	0.00	0.00		* Tripped from Chukha end only due to problem at Chukha(Bhutan) end . The line remained charged from Birpara end.
CKT	220KV BIRPARA-CHUKHA(BHUTAN)-1	OSPT	30/07/22	12:01:00	30/07/22	16:30:00	0.19	4.48	0.00	0.00	0.00		* FOR ATTENDING HOTSPOT IN R PHASE CT AT BIRPARA END
							0.21	4.48	0.57	0.00	0.00	99.40	
CKT	220KV BIRPARA-CHUKHA(BHUTAN)-2	OMSU	15/07/22	16:33:00	15/07/22	16:33:00	0.00	0.00	0.00	0.00	0.00		* 220kV Birpara-Chukha -2 A/R operated successfully at both ends at 16:33 hrs on 15.07.2022.* R/I of Chukha-2 at Birpara (Site): M1: B-N, Z1, F/D: 50.65 km, F/C: 2.220 kA ; M2: B-N, Z1, F/D: 50.491 km, F/C: 2.270 kA* R/I of Chukha-2 at Birpara (AFAS): M1: B-N, F/D: 48.863 km, F/C: 2.415 kA ; M2: B-N, F/D: 49.058 km, F/C: 2.402 kA* Fault is under Bhutan jurisdiction
CKT	220KV BIRPARA-CHUKHA(BHUTAN)-2	OMSU	07/07/22	21:04:00	07/07/22	22:22:00	0.05	0.00	1.30	0.00	0.00		* Tripped from Chukha end only due to problem at Chukha(Bhutan) end . The line remained charged from Birpara end.
							0.05	0.00	1.30	0.00	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	100.00	
							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	100.00	
							0.00	0.00	0.00	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	

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 certifiyin	Detailed Reasons for Outage
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	LART	20/07/22	05:06:00	20/07/22	05:06:00	0.00	0.00	0.00	0.00	0.00	100.00	* 220kv Dalkhola-Kishanganj-1 A/R operated successfully at both ends at 05:06 hrs on 20.07.2022.* R/I at Dalkhola: M1: R-N, F/D: 21.08 KM, Iy= 4.740 kA ; M2: R-N, F/D: 16.08 KM, Ir= 4.892 kA.* R/I at Kishanganj: M1: R-N, F/D: 6.7 KM, Ir= 11.47 kA ; M2: R-N, F/D: 6.7 KM, Ir= 12.117 kA
CKT	220KV DALKHOLA-KISHANGANJ-2			00:00:00		00:00:00	0.00	0.00	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	OMSU	11/07/22	10:03:00	11/07/22	11:37:00	0.07	0.00	1.57	0.00	0.00	100.00	* Tripped due to Gas zone tripping command initiated from 220KV Rangpo-Rongnichu line-2(Both Line <-><-> Bay belongs to M/S MBPCL)Not Owned by POWERGRID.
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	LART	28/07/22	19:11:00	28/07/22	19:11:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R operated successfully from both end on Y-N fault.* R/I at Siliguri: M1: Y-N fault, F/C: 6.049 KA, F/D: 8.921 KM; M2: Y-N fault, F/C: 5.910 KA, F/D: 8.91 KM
CKT	220KV-SILIGURI-KISHANGANJ-1	LNCC	29/07/22	18:16:00	29/07/22	19:24:00	0.05	0.00	0.00	1.13	0.00	100.00	* 220 kv Siliguri- Kishanganj-1 : tripped from both ends at 18:16 hrs on 29.07.2022.* R/I at Siliguri (Site): M1: RY-N, Z1, F/D: 11.29 KM, Ir= 11.58 kA, Iy= 6.0 kA ; M2: RY-N, Z1, F/D: 11.28 KM, Ir= 11.83 kA, Iy= 6.33 kA
CKT	220KV-SILIGURI-KISHANGANJ-2	LART	28/07/22	19:11:00	28/07/22	19:11:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R operated successfully from both end on Y-N fault.* R/I at Siliguri: M1: Y-N fault, F/C: 6.019 KA, F/D: 8.81 KM; M2: Y-N fault, F/C: 5.867 KA, F/D: 8.77 KM
CKT	220KV-SILIGURI-KISHANGANJ-2	LNCC	29/07/22	18:16:00	29/07/22	19:06:00	0.04	0.00	0.00	0.83	0.00	100.00	* 220 kv Siliguri- Kishanganj-2 : A/R operated from Siliguri end but tripped from Kishanganj end at 18:16 hrs on 29.07.2022* R/I at Siliguri (Site): M1: Y-N, Z1, F/D: 11.81 KM, F/C: 5.25 kA; M2: Y-N, Z1, F/D: 11.91 KM, F/C: 5.08 kA
CKT	400KV ALIPURDUAR-JIGMELING(BHUTAN)-1	OMSU	29/07/22	05:18:00	29/07/22	05:18:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R successful from both ends on B-N fault under BHUTAN JURISDICTION.* R/I at Alipurduar: M1: F/D: NA, F/C: 2.42 KA; M2: F/D: 167.1 KM, F/C:2.27 kA;* R/I at Jigmelling: M1: F/D: 60.7 KM, F/C: 1.82 KA; M2: F/D: 60.7 KM, F/C:1.88 kA;
CKT	400KV ALIPURDUAR-JIGMELING(BHUTAN)-2	LART	29/07/22	05:18:00	29/07/22	05:18:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R successful from both ends on B-N fault under NER JURISDICTION.* R/I at Alipurduar: M1: F/D: NA, F/C: 2.39 KA; M2: F/D: 125.8 KM, F/C: 2.2 kA;* R/I at Jigmelling: M1: F/D: 12.7 KM, F/C: 1.66 KA; M2: F/D: 10.2 KM, F/C:1.66 kA;
CKT	400KV ALIPURDUAR-JIGMELING(BHUTAN)-2	LNCC	06/07/22	10:38:00	06/07/22	19:54:00	0.39	0.00	0.00	9.27	0.00	100.00	* S/D for replacement / rectification of damaged jumpers and arcing horns AT LOC. 55 caused due to heavy storm and lightning on dtd. 03.07.2022
CKT	400KV ALIPURDUAR-JIGMELING(BHUTAN)-2	LNCC	03/07/22	12:55:00	03/07/22	15:23:00	0.10	0.00	0.00	2.47	0.00	100.00	* Tripped on R-Y-B fault from Alipurduar end during thunderstorm and heavy rain . The said line remains charged from Jigmelling end.* R/I at Alipurduar:* M1: F/C:Ir=12.26 kA, Iy=3.852 kA, Ib=4.03 kA ,F/D:18.73 km* M2: F/C:Ir=12.25 kA, Iy=2.725 kA, Ib=2.712 kA ,F/D:15.95 km
CKT	400KV ALIPURDUAR-PUNATSHANGCHU(BHUTA	LVRD	05/07/22	18:24:00	28/07/22	21:07:00	23.11	0.00	0.00	0.00	554.72	100.00	* H/T FOR VOLTAGE REGULATION AS PER ERLDC/NLDC INSTRUCTION.
CKT	400KV ALIPURDUAR-PUNATSHANGCHU(BHUTA	LVRD	01/07/22	00:00:01	05/07/22	09:44:00	4.41	0.00	0.00	0.00	105.73	100.00	* H/T FOR V/R AS PER ERLDC/NLDC INSTRUCTION.
CKT	400KV ALIPURDUAR-PUNATSHANGCHU(BHUTA	LVRD	28/07/22	08:45:00	31/07/22	23:59:59	3.64	0.00	0.00	0.00	87.25	100.00	* H/T FOR VOLTAGE REGULATON AS PER RLDC INSTRUCTION
CKT	400KV ALIPURDUAR-PUNATSHANGCHU(BHUTA	LNCC	05/07/22	09:44:00	05/07/22	18:10:00	0.35	0.00	0.00	8.43	0.00	100.00	* S/D FOR RECTIFICATION OF EARTH WIRE SAG (DUE TO LOWERING OF EARTH WIRE DURING HEAVY STORM ON 27.06.2022) AT LOCATION 36 TO 38 AND 75 TO 77.
CKT	400KV ANDAL(DVC)-JAMSHEDPUR-1			00:00:00		00:00:00	8.40	0.00	0.00	8.43	192.98	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 ANDAL(DVC)-JAMSHEDPUR-2	LNCC	08/07/22	08:01:00	08/07/22	18:11:00	0.42	0.00	0.00	10.17	0.00		* S/D For rectification of damaged Jumper affected due to severe lightening <-&-> storm at Loc No.-375
							0.42	0.00	0.00	10.17	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	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		
							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		
							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		
							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		
							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		
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV BINAGURI-MALBASE(BHUTAN)-3	OMSU	01/07/22	07:14:00	01/07/22	07:36:00	0.02	0.00	0.37	0.00	0.00		* 400kv Binaguri-Malbase A/R operated at Binaguri end only at 07:14 hrs on 01.07.2022.* R/I at Binaguri end (AFAS): M1: R-N, F/C: 21.216 kA, F/D: 4.985 km ; M2: R-N, F/C: 20.978 kA, F/D: 5.171 km.* R/I at Binaguri end (Site): M1: R-N, F/C: 21.13 kA, F/D: 4.9 km ; M2: R-N, F/C: 19.59 kA, F/D: 3.87 km.* R/I at Malbase end: Not received.* The said line synchronised from Malbase end at 07:36 hrs on 01.07.2022.
CKT	400KV BINAGURI-MALBASE(BHUTAN)-3	OSPT	20/07/22	10:02:00	20/07/22	13:58:00	0.16	3.93	0.00	0.00	0.00		* S/D taken for Replacement 40389A Y phase isolator main contact and corona ring
CKT	400KV BINAGURI-MALBASE(BHUTAN)-3	OMSU	20/07/22	07:50:00	20/07/22	08:37:00	0.03	0.00	0.78	0.00	0.00		* Line tripped on Y-B-N fault. R/I at Binaguri(AFAS): M1: F/C: 5.208KA, F/D: 114.239KM; M2: Y-B-N,F/C: 5.168KA,F/D: 113.418KM.Fault under Bhutan jurisdiction.
CKT	400KV BINAGURI-MALBASE(BHUTAN)-3	OMSU	20/07/22	13:58:00	20/07/22	18:25:00	0.19	0.00	4.45	0.00	0.00		* S/D returned by Binaguri but could not normalised/ delay in normalisation due to problem in Isolator at Malbase (Bhutan) end.
							0.40	3.93	5.60	0.00	0.00	99.47	
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	100.00	
CKT	400KV BINAGURI-NEW PURNEA-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 BONGAIGAION-ALIPURDUAR-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 BONGAIGAION-ALIPURDUAR-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-BONGAIGAON -BINAGURI-1	LNCC	19/07/22	11:28:00	19/07/22	16:44:00	0.22	0.00	0.00	5.27	0.00		* S/D taken by Alipurduar TLM for Rectification of pilot insulator which is failed at Loc.-396 due to heavy storm and lightning on 18.07.2022.
CKT	400KV-BONGAIGAON -BINAGURI-1	LART	18/07/22	17:58:00	18/07/22	17:58:00	0.00	0.00	0.00	0.00	0.00		* A/R Successful at both ends on R-N fault.* R/I at Binaguri: M1: F/D: 66.98 KM, F/C: 5.037 kA; M2: F/D: 66.82 KM, F/C: 4.977 kA;* R/I at Bongaigaon: M1: F/D: 113 KM, F/C: 2.5 kA; M2: F/D:136 KM, F/C: 2.41 kA;
							0.22	0.00	0.00	5.27	0.00	100.00	
CKT	400KV-BONGAIGAON -BINAGURI-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 BERHAMPORE-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	100.00	
CKT	400KV BERHAMPORE-BHERAMARA(BANGLADE	OSPD	20/07/22	08:16:00	20/07/22	18:56:00	0.44	0.00	0.00	0.00	10.67		* S/D taken by Bangladesh for relay testing for DEF blocking <-&-> ZCOM tripping(AR Enable).
							0.44	0.00	0.00	0.00	10.67	100.00	
CKT	400KV BERHAMPORE-BHERAMARA(BANGLADE	OSPD	18/07/22	09:46:00	18/07/22	19:48:00	0.42	0.00	0.00	0.00	10.03		* S/D BY BANGLADESH FOR CT NEUTRAL CONNECTION INTERCHANGE WORK AT THEIR END.
CKT	400KV BERHAMPORE-BHERAMARA(BANGLADE	OSPD	19/07/22	08:36:00	19/07/22	20:16:00	0.49	0.00	0.00	0.00	11.67		* S/D BY BANGLADESH FOR RELAY TESTING FOR DEF BLOCKING <-&-> ZCOM TRIPPING (AR ENABLE) WORKS AT THEIR END.
							0.91	0.00	0.00	0.00	21.70	100.00	
CKT	400KV BERHAMPORE-BHERAMARA(BANGLADE	OSPD	18/07/22	09:47:00	18/07/22	22:15:00	0.52	0.00	0.00	0.00	12.47		* S/D BY BANGLADESH FOR CT NEUTRAL CONNECTION INTERCHANGE WORK AT THEIR END.
							0.52	0.00	0.00	0.00	12.47	100.00	
CKT	400KV BERHAMPORE-FARAKKA(NTPC)-1	LNCC	29/07/22	14:34:00	29/07/22	21:47:00	0.30	0.00	0.00	7.22	0.00		* 400kv Berhampore-Farakka-1 tripped at both ends at 14:34 hrs on 29.07.2022.* R/I at Berhampore (AFAS): M1: R-N, F/C: 6.353 kA, F/D: 70.926 km ; M1: R-N, F/C: 6.334 kA, F/D: 73.816 km ;* R/I at Farakka: M1: R-N, F/C: 6.03 kA, F/D: 68.45 km ; M2: NA* LA (R-ph, Make: CGL) failed at Berhampore SS as reported from site.
							0.30	0.00	0.00	7.22	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 BERHAMPORE-FARAKKA(NTPC)-2	LART	30/07/22	15:33:56	30/07/22	15:33:56	0.00	0.00	0.00	0.00	0.00	100.00	* 400kV Berhampore-Farakka-2 A/R operated successfully at both ends at 15:33:56 hrs on 30.07.2022.* R/I at Berhampore (AFAS): M1: R-N, F/C: 5.746 kA, F/D: 82.161 km ; M2: R-N, F/C: 5.741 kA, F/D: 82.161 km* R/I at Berhampore (Site): M1: R-N, F/C: 3.25 kA, F/D: 78.0 km ; M2: R-N, F/C: 3.13 kA, F/D: 73.0 km* R/I at Farakka (Site): M1: R-N, F/C: 20.20 kA, F/D: 17.0 km ; M2: R-N, F/C: 19.20 kA, F/D: 8.26 km
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV BEHRAMPORE-SAGARDIGHI(WBPDCL)-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 BEHRAMPORE-SAGARDIGHI(WBPDCL)-2	OSFD	19/07/22	06:05:00	19/07/22	10:07:00	0.17	0.00	0.00	0.00	4.03	100.00	* EMERGENCY S/D TAKEN BY WBSETCL FOR R-PHASE HOT SPOT IN 424-89B ISOLATOR OF APPROX 130 DEG C.
							0.17	0.00	0.00	0.00	4.03	100.00	
CKT	400KV BARIPADA-DUBURI(OPTCL)-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 BARIPADA-KHARAGPUR(WBSETCL)-1	OMSU	23/07/22	07:12:00	23/07/22	18:15:00	0.46	0.00	11.05	0.00	0.00	100.00	* The 400 Kv Baripada -Kharagpur Line H/T at 07:12 Hrs. on 23/07/2022, vide ERLDC Code No:1014 to avail SD by M/s WBSETCL for Jumper tightening work.* The above said line taken into service at 18:15 Hrs. on 23/07/2022, vide ERLDC code No:1039.
							0.46	0.00	11.05	0.00	0.00	100.00	
CKT	400KV-BARIPADA -KEONJHAR-1	OSPT	12/07/22	09:03:00	12/07/22	20:45:00	0.49	11.70	0.00	0.00	0.00	98.43	* 400KV-BARIPADA -KEONJHAR-1 has taken SD at 09:03 Hrs for Line Isolator Mechanism works at baripada SS
							0.49	11.70	0.00	0.00	0.00	98.43	
CKT	400KV-BARIPADA PANDIABIL-I			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 DUBURI(OPTCL)-PANDIABIL-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 DURGAPUR-FARAKKA(NTPC)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV DURGAPUR-FARAKKA(NTPC)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV DURGAPUR-JAMSHEDPUR-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 DURGAPUR-KHSTPP(NTPC)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV DURGAPUR-KHSTPP(NTPC)-2	SCSD	25/07/22	08:46:00	26/07/22	19:54:00	1.46	0.00	0.00	0.00	35.13	100.00	* S/D FOR A/R RELAY TESTING AFTER RETROFITTING OF A/R RELAY AT DURGAPUR.* 01.08.2022 18:50:38 INDIA Saswati Sarkar (60001438)* under ADDCAP
							1.41	0.00	0.00	0.00	33.93	100.00	* S/D TAKEN FOR A/R RELAY TESTING AFTER RETROFITTING OF A/R RELAY AT DURGAPUR SUBSTATION.
CKT	400KV DURGAPUR-KHSTPP(NTPC)-2	SCSD	27/07/22	08:37:00	28/07/22	18:33:00	1.41	0.00	0.00	0.00	33.93	100.00	
							2.87	0.00	0.00	0.00	69.06	100.00	
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	
							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	
							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	
							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	100.00	
							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	100.00	
							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	100.00	
							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	100.00	
							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	100.00	
							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	100.00	
							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	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-MAITHON -DURGAPUR-1	SCSD	09/07/22	09:45:00	09/07/22	22:55:00	0.55	0.00	0.00	0.00	13.17	100.00	* S/D TO FACILITATE DISMANTLING AND ERECTION OF MAIN BAY EQUIPMENTS OF DURGAPUR-1 AT MAITHON END.
							0.47	0.00	0.00	0.00	11.27	100.00	* S/D TO FACILITATE DISMANTLING AND ERECTION OF MAIN BAY EQUIPMENTS OF DURGAPUR-1 AT MAITHON END.
CKT	400KV-MAITHON -DURGAPUR-1	SCSD	08/07/22	09:39:00	08/07/22	20:55:00	0.47	0.00	0.00	0.00	11.27	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-MAITHON -DURGAPUR-1	OMSU	21/07/22	17:03:00	21/07/22	18:42:00	0.07	0.00	1.65	0.00	0.00	100.00	* 400KV Maithon-Durgapur-1 is also switched off at 17:03 hrs on 21.07.2022 to facilitate s/d of 400KV Maithon-RB-1 as 400KV Durgapur-1 is in same dia at Maithon, 400KV Durgapur-1 Main Bay already is in s/d for commissioning bay equipments at Maithon.
							1.09	0.00	1.65	0.00	24.44	100.00	
CKT	400KV-MAITHON -DURGAPUR-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 MAITHON-JAMSHEDPUR	LNCC	22/07/22	19:40:00	23/07/22	13:15:00	0.73	0.00	0.00	17.58	0.00	100.00	* 400KV Maithon-Jamshedpur feeder tripped at both ends at 19:40 hrs on 22.07.2022.* R/I at Maithon (AFAS): M1: Y-N, F/C: 6.053 kA, F/D: 53.915 km ; M2: Y-N, F/C: 6.082 kA, F/D: 52.737 km.* R/I at Maithon (Site): M1: Y-N, F/C: 5.938 kA, F/D: 46.19 km ; M2: Y-N, F/C: 5.906 kA, F/D: 32.11 km.* A/R attempt taken but tripped on persisting fault in Y phase.* 23.07.2022 13:26:44 INDIA Kaustuv Bose (60065089)* Tripped from both ends on Y-N fault during heavy rain and thunderstorm.* R/I at Maithon : M1: Y-N, F/C: 5.938 kA, F/D: 46.19 km ; M2: Y-N, F/C: 5.906 kA, F/D: 32.11 km.* R/I at Jamshedpur : M1: Y-N, F/C: 3.49 kA, F/D: 96.41 km ; M2: Y-N, F/C: 3.47 kA, F/D: 96.06 km.* Charging attempt taken at 20:12 hrs on 22.07.2022 from Jamshedpur end but tripped on SOTF.* R/I at Jamshedpur : M1: Y-N, F/C: 4.0 kA, F/D: 89.6 km ; M2: Y-N, F/C:3.9 kA, F/D: 91.8 km* As reported, Insulator decapped at loc.147.
							0.73	0.00	0.00	17.58	0.00	100.00	
CKT	400KV MAITHON-MAITHON RB(MPL)-1	OSPD	21/07/22	17:06:00	21/07/22	18:39:00	0.07	0.00	0.00	0.00	1.55	100.00	* EMERGENCY S/D BY MPL FOR ATTENDING HOTSPOT AT MPL END.
							0.07	0.00	0.00	0.00	1.55	100.00	
CKT	400KV MAITHON-MAITHON RB(MPL)-2	OSPD	21/07/22	09:53:00	21/07/22	16:17:00	0.27	0.00	0.00	0.00	6.40	100.00	* EMERGENCY S/D BY MPL FOR ATTENDING HOTSPOT AT MPL END
							0.27	0.00	0.00	0.00	6.40	100.00	
CKT	400KV MAITHON-MEJIA(DVC)-1	OMSU	31/07/22	22:31:00	31/07/22	23:49:00	0.05	0.00	1.30	0.00	0.00	100.00	* Tripped from Maithon end only on operation of 86 relay during heavy rain and thunderstorm.* 01.08.2022 16:42:16 INDIA Sourav Mitra (60065302) Phone 7384648664* Very old-age static relay mal operation.
							0.05	0.00	1.30	0.00	0.00	100.00	
CKT	400KV MAITHON-MEJIA(DVC)-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 MAITHON-MEJIA(DVC)-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV MALDA-FARAKKA(NTPC)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV MALDA-FARAKKA(NTPC)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV MALDA-NEW PURNEA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV MALDA-NEW PURNEA-2	LART	20/07/22	13:02:00	20/07/22	13:02:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R operated successfully at both ends. R/I at Malda: M1: Y-N fault, F/C: 5.818KA, Z1, 45.84KM; M2: Y-N fault, F/C: 5.644KA, Z1, 45.34KM* R/I at New Purnea : M1: NA ; M2: Y-N fault, F/C: 3.39 KA, Z1, 90.8KM
							0.55	0.00	0.00	13.23	0.00	100.00	* S/D FOR RECTIFICATION OF JUMPER CLEARANCE IN R-PH AT TOWER NO. 1136 (TRANSPOSITION TOWER)- LOW CLEARANCE OCCURS DUE TO HEAVY LIGHTENING AND STORM.
CKT	400KV MEJIA(DVC)-JAMSHEDPUR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kv MERAMUNDALI(OPTCL)-ANGUL-1	LPRD	01/07/22	00:00:01	31/07/22	23:59:59	31.00	0.00	0.00	0.00	744.00	100.00	* H/T FOR POWER REGULATION AT 01:41 HRS ON 21/06/2022
							31.00	0.00	0.00	0.00	744.00	100.00	
CKT	400kv MERAMUNDALI(OPTCL)-ANGUL-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 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)	OSPT	28/07/22	09:32:00	28/07/22	18:52:00	0.39	9.33	0.00	0.00	0.00	98.75	* S/D BY ER-1 FOR A/R RELAY TESTING
							0.39	9.33	0.00	0.00	0.00	98.75	
CKT	400KV-RANGPO-BINAGURI-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-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	

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 RANGPO-KISHANGANJ-1	OMSU	20/07/22	05:04:00	20/07/22	05:04:00	0.00	0.00	0.00	0.00	0.00	100.00	* 400KV Rangpo-Kishanganj-1 A/R operated successfully at both ends at 05:04 hrs on 20.07.2022.* R/I at Rangpo: M1: Y-N, F/D: 257.0 KM, Iy= 3.169 kA ; M2: Y-N, F/D: NA, Iy= 1.78 kA.* R/I at Kishanganj: M1: Y-N, F/D: 5.4 KM, Iy= 18.64 kA ; M2: Y-N, F/D: NA, Iy= 24.366 kA* 01.08.2022 11:48:58 INDIA Sourav Mitra (60065302) Phone 7384648664* Fault is under TVPTL jurisdiction
CKT	400KV RANGPO-KISHANGANJ-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV RANGPO-TEESTA 5(NHPC)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV RANGPO-TEESTA 5(NHPC)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV RANGPO-TEESTA3(Teesta Urja)	OSPT	10/07/22	12:00:00	10/07/22	13:50:00	0.08	1.83	0.00	0.00	0.00	99.75	* S/d taken for replacement of defective TMU card of BCU at Rangpo end. As this work requires involvement /availability of highly specialised team at site,outage of the said element should not be considered on POWERGRID head considering it as a special case.
CKT	400KV-RENGALI -INDRAVATI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV-RENGALI -KEONJHAR-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kv RAJARHAT-FARAKKA(NTPC)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400KV RAJARHAT-GOKARNA(WBSETCL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	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	
CKT	400KV TALA(BHUTAN)-BINAGURI-1	OSFD	01/07/22	00:00:01	24/07/22	22:59:00	23.96	0.00	0.00	0.00	574.98	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.
CKT	400KV TALA(BHUTAN)-BINAGURI-1	OMSU	28/07/22	23:09:00	31/07/22	23:59:59	3.04	0.00	72.85	0.00	0.00	100.00	* Tripped due to R-Y fault under BHUTAN Jurisdiction.* R/I at Binaguri: M1: F/D: 100%, F/C: Ir: 3.1 kA, Iy: 786 A; M2: F/D: 120.8 KM, F/C: Ir: 3.553 kA; Iy: 3.854 kA;* R/I at Tala: F/D:22.4 KM, F/C: Ir: 8.78 kA; Iy: 8.48 kA;
CKT	400KV TALA(BHUTAN)-BINAGURI-1	OMSU	25/07/22	01:36:00	28/07/22	20:57:00	3.81	0.00	91.35	0.00	0.00	100.00	* 400 KV Binaguri-Tala-1 tripped at 01:36 Hrs. on 25.07.2022.* R/I at Binaguri (Site): M1: R-N fault, F/C- 3.312 KA, F/D: 121.0KM; M2: R-N fault, F/C: 3.003 KA, F/D: 120.91 KM* R/I at Tala (Site): F/C-8.1 KA, F/D-10 KM* Fault under Tala/Bhutan Jurisdiction.** Charging attempt taken at 02:44 Hrs on 25.07.2022 vide codes: ER/1083; NL/1292; BH/1819 but tripped immediately on SOTF.
CKT	400KV TALA(BHUTAN)-BINAGURI-2	OMSU	01/07/22	00:00:01	13/07/22	19:00:00	12.79	0.00	164.20	0.00	574.98	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-2	OMSU	23/07/22	16:11:00	26/07/22	20:35:00	3.18	0.00	76.40	0.00	0.00	100.00	* Tripped on B-N fault under Bhutan jurisdiction.* R/I at Binaguri : B-N, F/C: 3.083 kA, F/D: 140.3 km.
CKT	400KV TALA(BHUTAN)-BINAGURI-4	OMSU	20/07/22	07:50:00	20/07/22	10:08:00	0.10	0.00	383.40	0.00	0.00	100.00	* Line tripped on Y-B-N fault. R/I at Binaguri(AFAS): M2: F/C: 4.681KA, F/D: 1015.468KM.Fault under Bhutan jurisdiction.
CKT	400KV-TALCHAR-ANGUL-2			00:00:00		00:00:00	0.00	0.00	2.30	0.00	0.00	100.00	
CKT	400kv TALCHER(NTPC)-MERAMUNDALI(OPTCL)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kv TALCHER(NTPC)-MERAMUNDALI(OPTCL)	OMSU	29/07/22	11:33:00	30/07/22	20:01:00	1.35	0.00	32.47	0.00	0.00	100.00	* 400kv TALCHER(NTPC)-MERAMUNDALI-2 tripped at 11:33 Hrs* Relay details:* DT sent from Meramundali end* DT recd at Talcher end* 30.07.2022 20:18:23 INDIA Kamal Baidya (60041422)* The above said line charged at 20:01 Hrs. on 30/07/2022, vide ERLDC code No:1356. (Note: The SD of the above said line was taken by M/s OPTCL for CVT replacement work)

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 TALCHER(NTPC)-MERAMUNDALI(OPTCL)	OMSU	29/07/22	10:44:00	29/07/22	11:29:00	0.03	0.00	0.75	0.00	0.00		* 400kV TALCHER(NTPC)-MERAMUNDALI -2 tripped at 10:44 Hrs* Relay details: DT send from Meramundali and line restored at 11:29 Hrs
							1.38	0.00	33.22	0.00	0.00	100.00	
CKT	400kV TALCHER(NTPC)-RENGALI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV TALCHER(NTPC)-RENGALI-2			00:00:00		00:00:00	0.00	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	
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			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
LNR	50MVAR,SWLR OF JEYPORE AT BOLANGIR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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	SVRD	29/07/22	05:37:00	29/07/22	07:06:00	0.06	0.00	0.00	0.00	1.48		* Tripped due to system constraint attributed as per scheme.* 01.08.2022 16:20:46 INDIA Saswati Sarkar (60001438)* When line undergone successful A/R
LNR	50MVAR,SWLR OF KEONJHAR AT BARIPADA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
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	OSPT	08/07/22	09:53:00	08/07/22	16:04:00	0.26	6.18	0.00	0.00	0.00	99.17	* The 400 KV 80 MVAR Switchable LR of Bolangir-Meramundali line taken under SD for AMP work at 09:53 Hrs. on 08/07/2022, vide ERLDC Code No:333
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	01/07/22	00:00:01	29/07/22	11:34:00	28.48	0.00	0.00	0.00	683.57		* H/T as per instruction of ERLDC for voltage regulation.* 29.07.2022 13:00:09 INDIA Prasad KVSHK (60030519) Phone 9403777833* Reactor taken IN service at 11:34 Hrs as per instruction of ERLDC for voltage regulation.
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	
							0.00	0.00	0.00	0.00	0.00	100.00	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
LNR	50MVAR,SWLR OF JEERAT AT SUBHASHGRAM	SVRD	01/07/22	00:00:01	31/07/22	23:59:59	31.00	0.00	0.00	0.00	744.00		* H/T FOR VOLTAGE REGULATION AS PER ERLDC INSTRUCTIONS.
							31.00	0.00	0.00	0.00	744.00	100.00	
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	OSPT	11/07/22	19:00:00	11/07/22	21:58:00	0.12	2.97	0.00	0.00	0.00		* STATCOM AT ROURKELA has taken Emergency SD at 19:00 Hrs. for attending abnormal sound in TDC of control system -2* 11.07.2022 23:52:44 INDIA Kamal Baidya (60041422)* The above said STATCOM at Rourkela taken into service at 21:58 Hrs. on 11/07/2022, vide ERLDC code No:496.
							0.12	2.97	0.00	0.00	0.00	99.60	
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	OSPT	04/07/22	09:28:00	04/07/22	14:14:00	0.20	4.77	0.00	0.00	0.00		* Spare Rotation, (Spare unit to be taken out and associated Bph shall be taken into service)
							0.20	4.77	0.00	0.00	0.00	99.36	
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			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	OMSU	24/07/22	21:12:00	24/07/22	22:01:00	0.03	0.00	0.82	0.00	0.00		* Switched off to facilitated charging of 400 KV Binaguri-Tala-1.
XMER	315MVA,400/220kV ICT-1 AT BINAGURI	OMSU	09/07/22	11:18:00	09/07/22	15:40:00	0.18	0.00	4.37	0.00	0.00		* SHUTDOWN FOR TESTING OF TRIP LOGIC'S ON RETROFITTING OF BHEL CB'S (4-07 <->4-08 MAIN AND TIE BAY OF ICT-1 RESPECTIVELY)
							0.21	0.00	5.19	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	OSPT	22/07/22	16:07:00	22/07/22	18:06:00	0.08	1.98	0.00	0.00	0.00		* 400/220kV ICT-1 AT BARIPADA has taken emergency SD for attending Hot Spot in Yph 40389T Isolators.
							0.08	1.98	0.00	0.00	0.00	99.73	
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	OMSU	11/07/22	13:25:00	11/07/22	13:57:00	0.02	0.00	0.53	0.00	0.00		* S.off to facilitate charging of 400KV-DURGAPUR-BIDHANNAGAR-1 as Bidhannagar-1 and 315 MVA ICT-1 are in the same dia at Durgapur and 400 kv main bay of the said 315 MVA ICT-1 is already under s/d for construction activities under ERSS XXIV PKG.
XMER	315MVA,400/220kV ICT-1 AT DURGAPUR	OMSU	11/07/22	09:18:00	11/07/22	11:36:00	0.10	0.00	2.30	0.00	0.00		* S.off to facilitate s/d of 400KV-DURGAPUR-BIDHANNAGAR-1 as Bidhannagar-1 and 315 MVA ICT-1 are in the same dia at Durgapur and 400= kv main bay of the said 315 MVA ICT-1 is already under s/d for construction activities under ERSS XXIV PKG.
							0.12	0.00	2.83	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT DURGAPUR	OSPT	04/07/22	11:41:00	04/07/22	12:53:00	0.05	1.20	0.00	0.00	0.00		* SD taken to remove foreign material from gantry.
							0.05	1.20	0.00	0.00	0.00	99.84	
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			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	

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration Date	Restoration Time	Total Outage in Days	OUTAGE ATTRIBUTABLE TO ISTS Licensee	OUTAGE ATTRIBUTABLE To Others	OUTAGE ATTRIBUTABLE To System Constraint	OUTAGE ATTRIBUTABLE To Deemed Available	% Availability as certified by certifyin	Detailed Reasons for Outage
XMER	315MVA, 400/220kV ICT-1&3 AT JEYPORE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA, 400/220kV ICT-2&4 AT JEYPORE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT KEONJHAR	SBBT	12/07/22	09:27:00	12/07/22	10:30:00	0.04	1.05	0.00	0.00	0.00	99.86	* 315MVA,400/220kV ICT-1 tripped at 09:27 Hrs. due to Bus -2 tripped and restored at 10:30 Hrs.
							0.04	1.05	0.00	0.00	0.00	99.86	
XMER	315MVA,400/220kV ICT-2 AT KEONJHAR	SBBT	12/07/22	09:27:00	12/07/22	10:30:00	0.04	1.05	0.00	0.00	0.00	99.86	* Busbar Protection Operated
							0.04	1.05	0.00	0.00	0.00	99.86	
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	
							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	
							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	
							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	
							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	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-3 AT MALDA	OMSU	24/07/22	05:29:00	24/07/22	19:05:00	0.57	0.00	13.60	0.00	0.00	100.00	* S/D TAKEN FOR CALIBRATION AND RE TUNING OF CSD.
							0.57	0.00	13.60	0.00	0.00	100.00	
XMER	160MVA,220/132kV ICT-4 AT MALDA	OSPT	07/07/22	13:57:00	07/07/22	15:41:00	0.07	1.73	0.00	0.00	0.00	99.77	* Tripped from 132 KV Side only due to maloperation of Oldage Electromagnetic relay.
							0.07	1.73	0.00	0.00	0.00	99.77	
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	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-1 AT PANDIABILI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	500MVA,400/220kV ICT-2 AT PANDIABILI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	100MVA,220/132kV ICT-1 AT RANGPO	OMSU	11/07/22	10:03:00	11/07/22	11:48:00	0.07	0.00	1.75	0.00	0.00	100.00	* Tripped due to Gas zone tripping command initiated from 220kV Rangpo-Rongnichu line-2(Both Line <-&<-> Bay belongs to M/S MBPCL)[Not Owned by POWERGRID].
							0.07	0.00	1.75	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	
							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	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT RANGPO	OMSU	11/07/22	10:03:00	11/07/22	11:45:00	0.07	0.00	1.70	0.00	0.00	100.00	* Tripped due to Gas zone tripping command initiated from 220kV Rangpo-Rongnichu line-2(Both Line <-&<-> Bay belongs to M/S MBPCL)[Not Owned by POWERGRID].
							0.07	0.00	1.70	0.00	0.00	100.00	
XMER	100MVA,220/132kV ICT-3 AT RANGPO	OMSU	11/07/22	10:03:00	11/07/22	11:47:00	0.07	0.00	1.73	0.00	0.00	100.00	* Tripped due to Gas zone tripping command initiated from 220kV Rangpo-Rongnichu line-2(Both Line <-&<-> Bay belongs to M/S MBPCL)[Not Owned by POWERGRID].
							0.07	0.00	1.73	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-3 AT RANGPO	OMSU	01/07/22	00:00:01	13/07/22	18:24:00	12.77	0.00	306.40	0.00	0.00	100.00	* S/D FOR SF6 GAS LEAKAGE RECTIFICATION WORK.
							12.77	0.00	306.40	0.00	0.00	100.00	
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	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-5 AT RANGPO	OMSU	11/07/22	10:03:00	11/07/22	11:43:00	0.07	0.00	1.67	0.00	0.00	100.00	* Tripped due to Gas zone tripping command initiated from 220kV Rangpo-Rongnichu line-2(Both Line <-&<-> Bay belongs to M/S MBPCL)[Not Owned by POWERGRID].
							0.07	0.00	1.67	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-5 AT RANGPO	OMSU	19/07/22	09:26:00	31/07/22	23:59:59	12.61	0.00	302.57	0.00	0.00	100.00	* S/D FOR RECTIFICATION OF SF6 GAS LEAKAGE RECTIFICATION WORK AT RANGPO S/S.
							12.68	0.00	304.24	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-1 AT RENGALI	OSPT	12/07/22	15:33:00	12/07/22	22:16:00	0.28	6.72	0.00	0.00	0.00	99.10	* Emergency shutdown taken for replacing 33kV Side R phase cracked LA
							0.28	6.72	0.00	0.00	0.00	99.10	
XMER	315MVA,400/220kV ICT-2 AT RENGALI	OSPT	16/07/22	10:52:00	17/07/22	06:42:00	0.83	19.83	0.00	0.00	0.00	97.33	* The 400/220 KV 315 MVA ICT #2 at Rengali, H/T to avail emergency SD for checking 400 KV side Rph LA healthyness checking due to deteriorate of THRC at 10:52 Hrs. on 16/07/2022.
							0.83	19.83	0.00	0.00	0.00	97.33	
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	
							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	
							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	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
XMER	ROURKELA_400KV_315MVA ICT-2_BHEL	OSPT	02/07/22	17:15:00	02/07/22	18:08:00	0.04	0.88	0.00	0.00	0.00	100.00	* ROURKELA_400KV_315MVA ICT-2 has taken SD at 17:15 Hrs for facilitating ICT #4 for taking IN service and both ICT's taken service at 18:08 Hrs.

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 certifiyin	Detailed Reasons for Outage
XMER	ROURKELA_400KV_315MVA ICT-2_BHEL	OSPT	02/07/22	09:49:00	02/07/22	11:33:00	0.07	1.73	0.00	0.00	0.00		* o Facilitate SD of 315MVA ICT#4 (Since ICT#2 <-&<-> ICT#4 are in Parallel operation)
							0.11	2.61	0.00	0.00	0.00	99.65	
XMER	ROURKELA_400KV_315MVA ICT-4_CGL	OSPT	02/07/22	09:49:00	02/07/22	18:08:00	0.35	8.32	0.00	0.00	0.00		* For attending oil seepage form B-Phase HV Bushing inspection hole.* 02.07.2022 18:36:49 INDIA Pothuraju Rajasekhar (60065278)* ICT taken IN service at 18:08 Hrs
							0.35	8.32	0.00	0.00	0.00	98.88	
XMER	315MVA,400/220kV ICT-1 AT SUBHASHGRAM	OMSU	30/07/22	06:56:00	30/07/22	07:45:00	0.03	0.00	0.82	0.00	0.00		* S/D FOR CONNECTION OF TRIPPING CONTACT OF MASTER TRIP RELAY FOR IMPLEMENTATION OF SPS SYSTEM
							0.03	0.00	0.82	0.00	0.00	100.00	
XMER	315MVA,400/220kV ICT-2 AT SUBHASHGRAM	OMSU	30/07/22	08:01:00	30/07/22	08:39:00	0.03	0.00	0.63	0.00	0.00		* S/D FOR CONNECTION OF TRIPPING CONTACT OF MASTER TRIP RELAY FOR IMPLEMENTATION OF SPS SYSTEM
							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	OSPT	22/07/22	09:51:00	22/07/22	16:48:00	0.29	6.95	0.00	0.00	0.00		* For six monthly spare rotation* 22.07.2022 20:42:19 INDIA Kamal Baidya (60041422)* The above said ICT taken into service at 16:48 Hrs. on 22/07/2022, vide ERLDC code No:983 NLDC code No:1207
							0.29	6.95	0.00	0.00	0.00	99.07	
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			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-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	
							400.32	112.70	1,262.56	113.18			