

Standard of Performance data for the Month of Apr-2024

Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., NORTHERN EASTERN REGION

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration	Restoration	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	20MVAR,BUS REACTOR-1 AT AIZAWL			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
BSR	63MVAR,BUS REACTOR-1 AT BALIPARA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-2 AT BALIPARA	SVRD	12-04-2024	10:55:00	16-04-2024	11:35:00	4.03	0.00	0.00	0.00	96.67	100.00	* BUS REACTOR HAND TRIPPRD FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC VIDE CODE 904
BSR	125MVAR,BUS REACTOR-3 AT BALIPARA	SVRD	27-04-2024	18:45:00	28-04-2024	01:29:00	0.28	0.00	0.00	0.00	6.73	100.00	* BUS REACTOR HAND TRIPPRD FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC VIDE CODE 2034
BSR	80MVAR,BUS REACTOR-1 AT B'CHARIALI	SVRD	12-04-2024	11:18:00	12-04-2024	23:00:00	0.49	0.00	0.00	0.00	11.70	100.00	* BUS REACTOR HAND TRIPPRD FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC VIDE CODE 907
BSR	80MVAR,BUS REACTOR-1 AT B'CHARIALI	SVRD	08-04-2024	18:58:00	08-04-2024	23:17:00	0.18	0.00	0.00	0.00	4.32	100.00	* H/T FOR VOLTAGE REGULATION AS PER NERLDC INSTRUCTION CODE-670
BSR	80MVAR,BUS REACTOR-1 AT B'CHARIALI	SVRD	01-04-2024	09:36:00	01-04-2024	23:55:00	0.60	0.00	0.00	0.00	14.32	100.00	* BUS REACTOR HAND TRIPPRD FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC
BSR	80MVAR,BUS REACTOR-2 AT B'CHARIALI	SVRD	15-04-2024	11:07:00	15-04-2024	23:02:00	0.50	0.00	0.00	0.00	11.92	100.00	* BUS REACTOR HAND TRIPPRD FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC VIDE CODE 1077
BSR	50MVAR,BUS REACTOR-1 AT BONGAIGAON			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR,BUS REACTOR-2 AT BONGAIGAON	SRMT	01-04-2024	12:36:00	01-04-2024	23:03:00	0.44	10.45	0.00	0.00	0.00	100.00	* TRIP DUE TO MAL OPERATION OF LBB RELAY
BSR	50MVAR,BUS REACTOR-2 AT BONGAIGAON	OSFT	04-04-2024	15:14:00	04-04-2024	16:51:00	0.07	1.62	0.00	0.00	0.00	100.00	* EMERGENCY SHUTDOWN TAKEN FOR LEAKEGE OIL ARRESTING FROM B PHASE BUSHING
BSR	80MVAR,BUS REACTOR-3 AT BONGAIGAON			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80MVAR,BUS REACTOR-4 AT BONGAIGAON			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-5 AT BONGAIGAON			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	20MVAR,BUS REACTOR-1 AT IMPHAL	SCSD	25-04-2024	09:19:00	25-04-2024	12:23:00	0.13	0.00	0.00	0.00	3.07	100.00	* SHUTDOWN TAKEN FOR ERECTION OF LV CABLES FROM NEW PANELS TO BR
BSR	80MVAR,BUS REACTOR-1 AT IMPHAL	SVRD	04-04-2024	08:36:00	08-04-2024	00:14:00	3.65	0.00	0.00	0.00	87.63	100.00	* BUS REACTOR HAND TRIPPRD FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC VIDE CODE 273
BSR	125MVAR,BUS REACTOR-2 AT IMPHAL	SVRD	25-04-2024	12:27:00	29-04-2024	03:10:00	3.61	0.00	0.00	0.00	86.72	100.00	* BUS REACTOR HAND TRIPPRD FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC VIDE CODE 1842
BSR	125MVAR,BUS REACTOR-2 AT IMPHAL	SVRD	29-04-2024	06:23:00	30-04-2024	00:39:00	0.76	0.00	0.00	0.00	18.27	100.00	* BUS REACTOR HAND TRIPPRD FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC VIDE CODE 2146
BSR	20MVAR,BUS REACTOR-1 AT KUMARGHAT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	15MVAR,BUS REACTOR-1 AT MELRIAT	SVRD	01-04-2024	00:00:01	30-04-2024	23:59:59	30.00	0.00	0.00	0.00	720.00	100.00	* BUS REACTOR HAND TRIPPRD FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC VIDE CODE 099
BSR	5MVAR BUS-REACTOR SPARE			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	80 MVAR BUS REACTOR 2 431			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	50MVAR,BUS REACTOR-1 AT MISA			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	31MVAR,BUS REACTOR-1 AT MOKUCHONG			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	20MVAR,BUS REACTOR-1 AT MARIANI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	420KV,125MVAR BR-1	SVRD	08-04-2024	11:22:00	08-04-2024	23:33:00	0.51	0.00	0.00	0.00	12.18	100.00	* BUS REACTOR HAND TRIPPRD FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC VIDE CODE 634
BSR	125MVAR,BUS REACTOR-2 AT MARIANI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	20MVAR,BUS REACTOR-1 AT NAMSAI			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	20MVAR,BUS REACTOR-1 AT ROING	SVRD	01-04-2024	00:00:01	01-04-2024	00:36:00	0.03	0.00	0.00	0.00	0.60	100.00	* BUS REACTOR HAND TRIPPRD FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC VIDE CODE 2216
BSR	63MVAR,BUS REACTOR-1 AT SILCHAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	63MVAR,BUS REACTOR-2 AT SILCHAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	125MVAR,BUS REACTOR-3 AT SILCHAR			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
BSR	20MVAR,BUS REACTOR-1 AT TEZU	SVRD	21-04-2024	10:15:00	21-04-2024	22:42:00	0.52	0.00	0.00	0.00	12.45	100.00	* BUS REACTOR HAND TRIPPED UNDER VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC 1490
BSR	20MVAR,BUS REACTOR-1 AT TEZU	SVRD	27-04-2024	08:36:00	27-04-2024	23:02:00	0.60	0.00	0.00	0.00	14.43	100.00	* BUS REACTOR HAND TRIPPRD FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC VIDE CODE 1990* VOLTAGE 125/194KV
BSR	20MVAR,BUS REACTOR-1 AT TEZU	SVRD	23-04-2024	16:26:00	23-04-2024	23:22:00	0.29	0.00	0.00	0.00	6.93	100.00	* BUS REACTOR HAND TRIPPRD FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC VIDE CODE 1650
BSR	20MVAR,BUS REACTOR-1 AT TEZU	SVRD	26-04-2024	15:33:00	26-04-2024	22:15:00	0.28	0.00	0.00	0.00	6.70	100.00	* BUS REACTOR HAND TRIPPRD FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC
BSR	20MVAR,BUS REACTOR-1 AT TEZU	SVRD	25-04-2024	14:33:00	25-04-2024	22:01:00	0.31	0.00	0.00	0.00	7.47	100.00	* BUS REACTOR HAND TRIPPRD FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC VIDE CODE 1849
BSR	20MVAR,BUS REACTOR-1 AT TEZU	SVRD	09-04-2024	06:12:00	14-04-2024	00:39:00	4.77	0.00	0.00	0.00	114.45	100.00	* BUS REACTOR HAND TRIPPRD FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC VIDE CODE 693
BSR	20MVAR,BUS REACTOR-1 AT TEZU	SVRD	18-04-2024	14:25:00	19-04-2024	23:31:00	1.38	0.00	0.00	0.00	33.10	100.00	* BUS REACTOR HAND TRIPPRD FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC VIDE CODE 1284
BSR	20MVAR,BUS REACTOR-1 AT TEZU	SVRD	08-04-2024	07:04:00	08-04-2024	23:15:00	0.67	0.00	0.00	0.00	16.18	100.00	* BUS REACTOR HAND TRIPPRD FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC VIDE CODE 422
BSR	20MVAR,BUS REACTOR-1 AT TEZU	SVRD	14-04-2024	08:43:00	14-04-2024	23:01:00	0.60	0.00	0.00	0.00	14.30	100.00	* BUS REACTOR HAND TRIPPRD FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC VIDE CODE 1021
BSR	20MVAR,BUS REACTOR-1 AT TEZU	SVRD	06-04-2024	08:24:00	06-04-2024	23:38:00	0.64	0.00	0.00	0.00	15.23	100.00	* BUS REACTOR HAND TRIPPRD FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC VIDE CODE 422
BSR	20MVAR,BUS REACTOR-1 AT TEZU	GOMD	04-04-2024	13:49:00	05-04-2024	23:54:00	1.42	0.00	0.00	0.00	34.08	100.00	* BUS REACTOR KEPT OPEN AFTER CHARGING OF TEZU BUS (THROUGH ROING-TEZU LINE) AS PER INSTRUCTION OF NERLDC
BSR	20MVAR,BUS REACTOR-1 AT ZIRO			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	

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Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration	Restoration	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
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132kV AIZWAL-KOLASIB(MIZORAM)	LART	29-04-2024	06:47:00	29-04-2024	06:47:00	0.00	0.00	0.00	0.00	0.00		* AUTO-RECLOSED SUCCESSFUL AT BOTH ENDS* AIZWAL : AFAS M1: RN, 18.91KM, 2.4KA, M2: RN, 2.42KA* 03.05.2024 09:05:28 INDIA (60001776)** FLASH OVER MARK OBSERVED ON ARCING HORN AT B PHASE OF LOCATION NO.194
CKT	132kV AIZWAL-KOLASIB(MIZORAM)	LART	22-04-2024	01:59:00	22-04-2024	01:59:00	0.00	0.00	0.00	0.00	0.00		* AUTO RECLOSE SUCCESSFUL* RELAY INDICATION* AIZAWL: AFAS:R-N 2.58 KA* KOLASIB:RN 69.47 KM,808.6 A* 27.04.2024 18:39:07 INDIA (60001776)** Post Fault Patrolling carried out in betn. Loe 173-179 on 22.04.2024. Flashover mark was found on Arcing* Horn at R-ph in Loe No 177 at 26.8 KM from Aizawl end. It was raining heavily with thunderstorms at the time of* tripping. Therefore, it is suspected that Lightning is the cause for tripping.
CKT	132kV AIZWAL-KOLASIB(MIZORAM)	OSFT	27-04-2024	13:05:00	27-04-2024	16:51:00	0.16	3.77	0.00	0.00	0.00		* ESD TAKEN BY BADARPUR FOR ATTENDING VT FUSE FAIL IN AIZWAL BAY AT KOLASIB
CKT	132kV AIZWAL-KOLASIB(MIZORAM)	LNCC	20-04-2024	17:59:00	20-04-2024	18:36:00	0.03	0.00	0.00	0.62	0.00		* TRIPPED ON RECLAIM TIME* AIZWAL: (AFAS) M1: B-N, 50.42KM, 1.378KA, Z1, 67.69deg ; M2: BN, 1.39KA, O/C,* KOLASIB: NA* Heavy Rainfall and Thunder storm recorded at the Kolasib area.* 27.04.2024 17:56:06 INDIA (60001776)** Post Fault Patrolling carried out in betn. Loe 115-124 on 21.04.2024. Flashover mark was found on Arcing* Horn at B-ph in Loe No 119 at 48.45 KM from Aizawl end. It was raining heavily with thunderstorms at the time of* tripping. Therefore, it is suspected that Lightning Is the cause for tripping. Photos enclose separately.
CKT	132kV AIZWAL-KOLASIB(MIZORAM)	LNCC	17-04-2024	19:58:00	17-04-2024	19:58:00	0.00	0.00	0.00	0.00	0.00		* CB RE-CLOSED AT AIZAWAL END ONLY.* AIZAWL: (AFAS) M1:R-N, Z-1,18.951KM, 3.16KA; M2: R-N,3.16KA* KOLASIB: AT THE SAME TIME ICT TRIPPED AT KOLASIB END* HEAVY RAIN AND LIGHTNING PREVAILS IN AN AROUND THE AREA DURING A/R OF THE LINE.* 27.04.2024 17:29:44 INDIA (60001776)** Post Fault Patrolling carried out in betn. Loe 189-197 on 18.04.2024. Flashover mark was found on Arcing* Horn at R-ph in Loe No 194 at 18.85 KM from Aizawl end. It was raining heavily with thunderstorms at the time of* tripping. Therefore, it is suspected that Lightning is the cause for tripping. Photos enclose separately.
							0.19	3.77	0.00	0.62	0.00	99.48	
CKT	132kV AIZWAL-TIPAIMUKH(MANIPUR)	LART	22-04-2024	02:58:00	22-04-2024	02:58:00	0.00	0.00	0.00	0.00	0.00		* RELAY INDICATION* AIZAWL: AFAS (M1):YN, Z-1, 24.77KM,2.36 KA* TIPAIMUKH: YN,Z1,60.1 KM,670A* Heavy Rainfall and Thunder storm recorded at the Tipaimukh area* 27.04.2024 18:49:08 INDIA (60001776)** Post fault Patrolling carried out in betn. Loe 405-412 on 22.04.2024. Flashover mark was found on Arcing Horn at* Y-ph in Loe 408 at Approx. 24.8 KM from Aizawl end. It was raining heavily with thunderstorms at the time of* tripping. Therefore, it is suspected that Lightning is the cause for tripping.
CKT	132kV AIZWAL-TIPAIMUKH(MANIPUR)	OMSU	17-04-2024	10:01:00	17-04-2024	11:28:00	0.06	0.00	1.45	0.00	0.00		* TRIPPED AT TIPAIMUKH END* Z4, RY PHASE, -2.1KM, 1.0KA* REVERSE DIRECTION TOWARDS JIRIBAM
CKT	132kV AIZWAL-TIPAIMUKH(MANIPUR)	LART	17-04-2024	20:24:00	17-04-2024	20:24:00	0.00	0.00	0.00	0.00	0.00		* AUTO RE-CLOSE SUCCESSFUL AT BOTH ENDS* AIZAWL: M1AFAS:Y-G, Z-1, 57.41KM,1.12KA; M2: Y-G,1.12KA* TIPAIMUKH: Y-G,Z1,26.9KM* HEAVY RAIN AND LIGHTNING PREVAILS IN AN AROUND THE AREA DURING A/R OF THE LINE.* 27.04.2024 17:32:48 INDIA (60001776)** Post Fault Patrolling carried out in betn. Loe 320-328 on 18.04.2024. Flashover mark was found on Arcing Horn at* Y-ph in Loe No 326 at 57.96 KM from Aizawl end. It was raining heavily with thunderstorms at the time of* tripping. Therefore, it is suspected that Lightning Is the cause for tripping. Photos enclose separately.
CKT	132kV AIZWAL-TIPAIMUKH(MANIPUR)	LART	17-04-2024	20:47:00	17-04-2024	20:47:00	0.00	0.00	0.00	0.00	0.00		* AUTO RE-CLOSE SUCCESSFUL AT BOTH ENDS* AIZAWL: (AFAS) M1: :R-Y-G, Z-1, 66.63KM,1.74KA; M2: :R-Y-G,1.74KA* TIPAIMUKH: R-Y-G,Z-1,34KM* HEAVY RAIN AND LIGHTNING PREVAILS IN AN AROUND THE AREA DURING A/R OF THE LINE.* 27.04.2024 17:35:32 INDIA (60001776)** Post Fault Patrolling carried out in betn. Loe 309-312 on 18.04.2024. Flashover mark was found on Arcing Horn at* R-ph in Loe 310 (>-&-> Y-Ph in Loe 311 at Approx. 65 KM from Aizawl end. It was raining heavily with thunderstorms at the time of tripping. Therefore, it is suspected that Lightning Is the cause for tripping. Photos enclose separately.
CKT	132kV AIZWAL-TIPAIMUKH(MANIPUR)	SCSD	04-04-2024	08:30:00	04-04-2024	15:11:00	0.28	0.00	0.00	0.00	6.68		* END TO END PLCC CARRIER SIGNAL VALIDATION WITH AUXILIARY SUPPLY AT TIPAIMUKH END
CKT	132kV AIZWAL-TIPAIMUKH(MANIPUR)	LART	01-04-2024	02:15:00	01-04-2024	02:15:00	0.00	0.00	0.00	0.00	0.00		* A/R SUCCESSFUL AT BOTTH END CB Reclosed - Z1, R-G, 1.205 KA, 53.815km (56.290%)* TIPMUKH:CB Reclosed - R-G, Z1, 30.2 Kms, 853 Amp.** 27.04.2024 10:30:15 INDIA (60001776)** Post fault Patrolling carried out in betn. Loe 320-312 on 01.04.2024. Flashover marks were found on Arcing Horns* at R-ph (Top Ph) in L. 313, Dist-63.82 KM from Aizawl end. It was raining heavily with thunderstorms at the time* of tripping. Therefore, it is suspected that Lightning is the cause for tripping. Photos enclose separately.
CKT	132kV AIZWAL-TIPAIMUKH(MANIPUR)	LART	03-04-2024	03:14:00	03-04-2024	03:14:00	0.00	0.00	0.00	0.00	0.00		* AR SUCCESSFUL AT BOTH ENDS* AIZAWL: R-Y-B-PH, Z-1, 65.903KM, 2.14KA* TIPAIMUKH: NA* INCLEMENT WEATHER CONDITION AT THE TIME OF A/R OF THE LINE.* 27.04.2024 12:02:47 INDIA (60001776)** Post Fault Patrolling carried out in betn. Loe 310-315 on 04.04.2024. Flashover marks were found on Arcing Horns* h (h) * L 312 Dist 65 16 KM from Aizawl end. It was raining heavily with thunderstorms, at the t- at R-ph Top P m . . - * f f l Th f re l- t l* -s suspected that Lightning is the cause for AR successful. Photos enclosed* o AR success u . ere o,* separately
CKT	132kV AIZWAL-TIPAIMUKH(MANIPUR)	LNCC	25-04-2024	13:19:00	25-04-2024	14:03:00	0.03	0.00	0.00	0.73	0.00		* TRIPPED ON BOTH END* AIZAWL: Y-N, 0.51KA, 50.42KM, AFAS (M2):YN, Z-1, 0.51KA* EARTH, Y-PH, E/F, 248Amp.* 25.04.2024 14:53:38 INDIA (60041647)* TIPAIMUKH: Y-N, E/F* 28.04.2024 11:47:57 INDIA (60001776)** PATROLLING CARRIED OUT FROM LOC 334 TO 353 ON 26.04.2024. AS PER PATROLLING, NO INFIGEMENT HAS BEEN OBSERVED BETWEEN MENTIONED SECTIONS* 08.05.2024 12:28:17 INDIA (60001776)** Post Fault Patrolling carried out in betn. Loc 334-353 on 26.04.2024 and subsequently, repeated patrolling* was done on 05.05.2024 from loc-334-352. It has been observed that tree branch is found betweenloc-341-342* below the conductor having sufficient clearance, line might have got tripped due to movement (on high wind* speed) of that branch. A/R was on Non-Auto mode for live line OPGW stringing. Photos enclose separately.
CKT	132kV AIZWAL-TIPAIMUKH(MANIPUR)	OSPD	25-04-2024	07:43:00	25-04-2024	11:54:00	0.17	0.00	0.00	0.00	4.18		* SHUTDOWN AVAILED BY TIPAIMUKH STATE END
CKT	132kV AIZWAL-TIPAIMUKH(MANIPUR)	LNCC	20-04-2024	18:22:00	20-04-2024	18:54:00	0.02	0.00	0.00	0.53	0.00		* TRIPPED ON RECLAIM TIME* AIZWAL: (AFAS) M1: BN, 38.96KM, 1.43KA, Z1, 65deg ; M2: BN, 1.42KA* TIPAIMUKH: CB IN CLOSED POSITION* Heavy Rainfall and Thunder storm recorded at the Tipaimukh area.* 27.04.2024 17:59:47 INDIA (60001776)** Post Fault Patrolling carried out in betn. Loe 367-373 on 21.04.2024. Flashover mark was found on Arcing Horn at* B-ph in Loe 396 at Approx. 39.4 KM from Aizawl end. It was raining heavily with thunderstorms at the time of* tripping. Therefore, it is suspected that Lightning is the cause for tripping.
CKT	132kV AIZWAL-TIPAIMUKH(MANIPUR)	LART	29-04-2024	06:42:00	29-04-2024	06:42:00	0.00	0.00	0.00	0.00	0.00		* AUTO-RECLOSED SUCCESSFUL AT BOTH ENDS* AIZWAL : AFAS: M1: RN, 33.93KM, 1.57KA, M2: RN, 1.56 KA* 03.05.2024 09:11:59 INDIA (60001776)** FLASH OVER MARK OBSERVED ON THE ARCING HORN OF R PHASE AT LOCATION NO.379
CKT	132kV AIZWAL-MELRIAT			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00		
CKT	132kV BADARPUR-BADARPUR(ASSAM)-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		
CKT	132kV BADARPUR-JIRIBAM-1	LHWT	24-04-2024	16:24:00	24-04-2024	16:59:00	0.02	0.58	0.00	0.00	0.00		* BADARPUR, AFAS, M1, R-N, 50.85KM, 1.60KA,* Site, R-N, 62KM, 1.5KA* JIRIBAM:AFAS, M1, R-N, 2.55KM, 1.76KA* SITE, R-N, 1.5KA,* 01.05.2024 13:35:18 INDIA (60001776)** ACTUAL FAULT FOUND DUE TO BE LOW CLEARANCE PF OPGW from top R Phase conductor in the span location no.212(C+6) and 213(D+3) at a distance of 64.42km from badrapur end. ESD WAS TAKEN ON 26.04.24 AND OPGW RE-TENSIONING FPHONE TO MAINTAIN PROPOSER CLEARANCE.
CKT	132kV BADARPUR-JIRIBAM-1	OSFT	26-04-2024	11:48:00	26-04-2024	14:01:00	0.09	2.22	0.00	0.00	0.00		* EMERGENCY SHUTDOWN AVAILED FOR RE-TENSIONING OF LOOSE OPGW IN BETWEEN SPAN NO 212-213

Standard of Performance data for the Month of Apr-2024

Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., NORTHERN EASTERN REGION

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration	Restoration	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 BADARPUR-JIRIBAM-1	LNCC	06-04-2024	05:50:00	06-04-2024	06:37:00	0.03	0.00	0.00	0.78	0.00		* LINE TRIPPED* * BADARPUR*: (AFAS) : B-N.33.11 KM, Z1, 2.60 KA (DT RECEIVED)* *JIRIBAM*: (AFAS) B-N.26.39 KM, Z1, 2.50 KA, CB RECLOSED* * INCREMENT WEATHER CONDITION AT THE TIME OF TRIPPING : 27.04.2024 12:41:32 INDIA (60001776)* * Post fault patrolling has been carried on dated 06.04.2024 based on Fault distance: 33.11KM as per Badarpur end AFAS and Fault dista- nce-26.39KM as per Jiribam end AFAS.* Actual fault found at Tower location no-138 (B+0) at a distance 40.589 KM from Badarpur end at B Phase, During Tower Top Patrolling at Fault Tower location 138 (B+0), Flash over mark observed in B Phase Insulator disc and Jumper. At the time of tripping, it was heavy raining with thunder storm confirmed by local villagers. It seems that, due to heavy thundering in this location voltage shoot-up <-&-> current flows through Insulator to Jumper at B Phase and line tripped.
CKT	132KV-BADARPUR-KARIMGANJ			00:00:00		00:00:00	0.14	2.80	0.00	0.78	0.00	99.61	
CKT	132kV BADARPUR-KHLIEHRIAT-1	LNCC	27-04-2024	08:32:00	27-04-2024	10:59:00	0.10	0.00	0.00	2.45	0.00		* ESD TAKEN FOR REPAIRING OF CONDUCTOR OF Y AND B PH BETWEEN LOC. NO. 145-146 WHICH WAS DAMAGED DUE TO FALLING OF A BIG TREE FROM OUTSIDE CORRIDOR CAUSED BY RECENT CYCLONIC STORM.* 04.05.2024 23:53:59 INDIA (60041598)* FOR REPAIRING OF CONDUCTOR OF Y AND B PH BETWEEN LOC. NO. 145-146 WHICH WAS DAMAGED DUE TO FALLING OF A BIG TREE FROM OUTSIDE CORRIDOR CAUSED BY RECENT CYCLONIC STORM.
CKT	132kV BADARPUR-KHLIEHRIAT-1	LNCC	29-04-2024	02:07:00	29-04-2024	02:33:00	0.02	0.00	0.00	0.43	0.00		* BADARPUR :AFAS: M1- Y-N, 1.711 KM, 10.35KA, M2- YN, 1.69KM, 10.34KA, SITE: YN, 2.01 KM, 9.8KA* KHLIEHRIAT: AFAS: M1- YN, 76.54 KM, 1.01 KA, SITE: YN, Z2, 939.1KA, 78.62 KM* INCREMENT WEATHER CONDITION IN AN AROUND THE AREA NEAR BY LINE
CKT	132kV BADARPUR-KHLIEHRIAT-1	LART	21-04-2024	03:47:00	21-04-2024	03:47:00	0.00	0.00	0.00	0.00	0.00		* AUTO RE-CLOSE SUCCESSFUL AT BOTH END* BADARPUR:AFAS,M1,R,Y,N, 37.80KM, 3.46KA, AFAS, M2, R,Y,N,36.73KM, 3.45KA, DOUBLE ENDED. 34.28KM* KHLIEHRIAT: AFAS, M1, R,Y,N, 43.30KM, 2.31KA, DOUBLE ENDED 42.25KM* 28.04.2024 10:25:56 INDIA (60001776)** FLASH OVER MARK ON ARCING HORN OF R <-&-> Y PHASE AT LOC NO.98
CKT	132kV BADARPUR-KHLIEHRIAT-1	LNCC	28-04-2024	08:34:00	28-04-2024	08:56:00	0.02	0.00	0.37	0.00	0.00		* BADARPUR(AFAS):M1:RYB-G, Z1, 44.049KM, 3.61KA, 67.304deg; M2: RYB-G, Z1, 44.157KM, 3.66KA, 67.342deg; M2:(DOUBLE END):RYBN, 3.457KA, 40.379KM* BADARPUR(SITE): M1:RYB-N, 43.56KM; M2:RYB-N, 39.74KM* KHLIEHRIAT(AFAS): M1:RYBN, Z1, 38.849KM, 3.19KA, 72.00deg;M1:(DOUBLE END):RYBN, 3.009KA, 36.161KM M2: not detected.* KHLIEHRIAT(SITE) M1:RYBN, Z1, 38.87KM, 2.5KA; M2: RYBN, 35.8KM, 2.5KA* A/R IN NON AUTO-MODE AT BOTH ENDS FOR OPGW WORKS AT THE TIME OF TRIPPING* INCREMENT WEATHER CONDITION IN AND AROUND BADARPUR AREA AT THE TIME OF TRIPPING* 30.04.2024 13:57:05 INDIA (60001776)** FLASH OVER MARK ON B PHASE ARCING HORN AT LOCATION NO.106
CKT	132kV BADARPUR-KHLIEHRIAT-1	LART	26-04-2024	07:08:00	26-04-2024	07:08:00	0.00	0.00	0.00	0.00	0.00		* AUTO-RECLOSED SUCCESSFUL AT BOTH ENDS* BADARPUR(AFAS): M1: R-N, Z1, 19.93KM, 4.13KA,66DEGREE;* KHLIEHRIAT(AFAS): M1: R-N, Z1, 56.499KM, 1.53KA, 66DEGREE;* INCREMENT WEATHER CONDITION IN AN AROUND THE AREA OF BADARPUR AT THE TIME OF A/R* 01.05.2024 13:48:12 INDIA (60001776)* FLASH OVER MARK IN ARCING HORN AT R PHASE AT TOWER LOCATION NO.65 (A+3)
CKT	132kV BADARPUR-KHLIEHRIAT-1	LART	01-04-2024	21:31:00	01-04-2024	21:31:00	0.00	0.00	0.00	0.00	0.00		* AR SUCCESSFUL AT BOTH ENDS* BADARPUR: R-N, Z1, 34.38KM, 2.98KM* KHLIEHRIAT: R-N, Z1, 42.806KM, 2.19KA* INCREMENT WEATHER CONDITION AT THE TIME OF A/R OF THE LINE.* 29.04.2024 19:18:39 INDIA (60001776)* FLASH OVER MARK ON ARCING HORN OF R PHASE AT LOC.NO.99
CKT	132kV BADARPUR-KHLIEHRIAT-1	LART	07-04-2024	01:39:00	07-04-2024	01:39:00	0.00	0.00	0.00	0.00	0.00		* AR SUCCESSFUL* * BADARPUR: AWAITED* *KHELRIAT: (AFAS) M1: Y-N,Z-1, 51.37KM, 1.51 KA* HEAVY RAIN AND LIGHTNING PREVAILS IN AN AROUND THE AREA DURING TRIPPING OF THE LINE.* 27.04.2024 12:55:57 INDIA (60001776)* * Post patrolling has been carried on dated 08.04.2024 from Tower no- 75 to 92, based on Fault distance: 24.7 KM as per Badarpur fault found at Tower location no-79 (B+0) at a distance 23.28 KM from Badarpur end in Y (TOP) Phase.* During Tower Top Patrolling at Fault Tower location 79 (B+0), Flash over mark observed in Earthwire at both end of tower. At the time of A/R, it was heavy raining with thunderstorm near tower location area, confirmed by local villagers.
CKT	132kV BADARPUR-KHLIEHRIAT-1	OSFT	13-04-2024	09:35:00	13-04-2024	13:46:00	0.17	4.18	0.00	0.00	0.00		* REPLACEMENT OF JUMPER AND APPLYING OF INSULATION TAPE AT TOWER LOCATION NO.101
CKT	132kV BADARPUR-KHLIEHRIAT-1	LART	01-04-2024	05:24:00	01-04-2024	05:24:00	0.00	0.00	0.00	0.00	0.00		* *A/R SUCCESSFUL AT BOTH END CB Reclosed - Z1, RYB-G, 5.037 KA, 25.54KM* KHLIERIAT:CB Reclosed - Z1,RYB-G, 2.311KA, 58.48KM** 27.04.2024 10:57:09 INDIA (60001776)* * Post fault patrolling has been carried on dated 01.04.2024 <-&-> p2,04.2024 from Tower no- 80 to 95 based on Fault distance: 25.54 KM as per Badarpur end Relay. Actual fault found at Tower location no-86 (B+0) at a distance 25.325 KM from Badarpur end in RYB Phase.* During Tower Top Patrolling at Fault Tower location 86 (B+0), Flash over mark observed in Conductor Jumper at RYB Phase. At the time* of tripping, it was heavy raining with thunderstorm confirmed by local villagers. It seems that, due to heavy thundering in this location* voltage shoot-up <-&-> auto reclose the line.
CKT	132kV BADARPUR-KHLIEHRIAT-1	LART	02-04-2024	22:57:00	02-04-2024	22:57:00	0.00	0.00	0.00	0.00	0.00		* AR SUCCESSFUL AT BOTH ENDS* BADARPUR: R-N, Z1, 40.368KM, 2.198KM* KHLIEHRIAT: R-N, Z1, 36.361KM, 2.024KM* INCREMENT WEATHER CONDITION AT THE TIME OF A/R OF THE LINE.* 28.04.2024 09:48:39 INDIA (60001776)* * FLASH OVER MARK ON ARING HORN OF R PHASE AT LOC NO.115
CKT	132kV BADARPUR-KHLIEHRIAT-1	LART	05-04-2024	00:22:00	05-04-2024	00:22:00	0.00	0.00	0.00	0.00	0.00		* AR SUCCESSFUL AT BOTH ENDS.* Relay Indication -* BADARPUR: (AFAS) : M1- RY-G, Z1, 41.376KM, 3.042KA, THREE PHASE AR SUCCESSFUL / M2: RY-G, Z1, 40.537KM, 3.034KA, THREE PHASE AR SUCCESSFUL* KHLIEHRIAT: AWAITED* HEAVY RAIN AND LIGHTNING PREVAILS IN AN AROUND THE AREA DURING TRIPPING OF THE LINE.* 05.04.2024 08:13:27 INDIA (60051135)* KHLIEHRIAT: RY-G, Z1, 42.87KM,* 28.04.2024 10:05:51 INDIA (60001776)* Flash over mark in Arcing Horn on both R<-&-> Y Phase of Location no. 99
CKT	132kV BADARPUR-KHLIEHRIAT-1	LART	07-04-2024	05:45:00	07-04-2024	05:45:00	0.00	0.00	0.00	0.00	0.00		* AR SUCCESSFUL* * BADARPUR*: (AFAS) Y-N,Z-1, 36.553KM, 2.43 KA,* *KHELRIAT*: (AFAS) Y-N,Z-1, 39.260KM, 1.89KA,* HEAVY RAIN AND LIGHTNING PREVAILS IN AN AROUND THE AREA DURING TRIPPING OF THE LINE.* 28.04.2024 10:12:49 INDIA (60001776)** FLASH OVER MARK ON ARCING HORN OF Y PHASE AT LOC NO.106
CKT	132kV BADARPUR-KHLIEHRIAT-1	LART	02-04-2024	20:59:00	02-04-2024	20:59:00	0.00	0.00	0.00	0.00	0.00		* AR SUCCESSFUL AT BOTH ENDS* BADARPUR: B-N, Z1, 52.87KM, 1.82KM* KHLIEHRIAT: B-N, Z1, 24.84KM, 3.82KA* INCREMENT WEATHER CONDITION AT THE TIME OF A/R OF THE LINE.* 01.05.2024 13:24:32 INDIA (60001776)** * Post fault patrolling has been carried on dated 03.04.2024 from Tower no- 75 to 92, based on Fault distance: 24.84 KM as per Badarpur* end Relay. Actual fault found at Tower location no-78 (C+0) at a distance 22.89 KM from Badarpur end in B (BOTTOM Phase.* During Tower Top Patrolling at Fault Tower location 78 (C+0), Flash over mark observed in Earthwire at both end of tower. At the time* of A/R, it was heavy raining with thunderstorm near tower location area, confirmed by local villagers.
CKT	132kV BADARPUR-KHLIEHRIAT-1	LNCC	06-04-2024	23:39:00	07-04-2024	00:20:00	0.03	0.00	0.00	0.68	0.00		* TRIPPED IN RECLAIM TIME* * BADARPUR: (AFAS) M1: Y-N,Z-1, 1.93KM, 9.69 KA* *KHELRIAT: (AFAS) M1: Y-N,Z-2, 73.91KM, 1.21 KA* HEAVY RAIN AND LIGHTNING PREVAILS IN AN AROUND THE AREA DURING TRIPPING OF THE LINE.* 27.04.2024 12:46:14 INDIA (60001776)* * Post fault patrolling has been carried on dated 07.04.2024 from Tower no- 01 to 10, based on Fault distance: 1.93 KM as per Badarpur end Relay. Actual fault found at Tower location no-01 (D+9) at a distance 79 M from Badarpur end in Y (TOP) Phase.* NO* During Tower Top Patrolling at Fault Tower location 01 (D+9), Flash over mark observed in Conductor Jumper at Y Phase. At the time of tripping, it was heavy raining with thunderstorm near Badarpur sub-station. In previous record, line was already tripped in same location on dated 14.04.2022 due to low clearance between jumper and tower body, therefore, isolation sleeve was applied on the surface of jumper for restoration of line. Currently, during thunderstorm jumper swing <-&->, comes near to tower member and due to damage of insulation on jumper, current flow between jumper to tower body and line tripped.* ACTION PLAN: Re-wrapping of insulation sleeve on damaged/portion of jumper during shut-down of line.

Standard of Performance data for the Month of Apr-2024

Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., NORTHERN EASTERN REGION

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration	Restoration	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 BADARPUR-KHLIEHRIAT-1	LART	29-04-2024	23:56:00	29-04-2024	23:56:00	0.00	0.00	0.00	0.00	0.00		* Relay Indication* BADARPUR :AFAS: M1- R-N, 34.655 KM, 2.96KA,ZI : M2- RN, 35.680KM, 2.95KA= Z1* KHLIEHRIAT:(AFAS): M1- RN, 42.534 KM, 2.07KA * 07.05.2024 19:13:17 INDIA (60001776)** FLASH OVER MARK ON ARCING HORN ON R PHASE AT LOC NO.99
CKT	132kV BADARPUR-KHLIEHRIAT-1	LART	30-04-2024	00:45:00	30-04-2024	00:45:00	0.00	0.00	0.00	0.00	0.00		* Relay Indication* BADARPUR :AFAS: M1- R-N, 34.21 KM, 2.65KA,ZI : M2- RN, 34.37KM, 2.64KA= Z1* KHLIEHRIAT:(AFAS): M1- RN, 42.58 KM, 1.88KA, Z1* 07.05.2024 19:22:36 INDIA (60001776)** FLASH OVER MARK ON ARCING HORN ON R PHASE AT LOC NO.99
CKT	132kV BADARPUR-KHLIEHRIAT-1	SCSD	23-04-2024	08:55:54	23-04-2024	20:48:00	0.50	0.00	0.00	0.00	11.87		* FOR CONDUCTING BUS BAR STABILITY TEST
CKT	132kV BADARPUR-KHLIEHRIAT-1	LNCC	25-04-2024	00:56:00	25-04-2024	01:58:00	0.04	0.00	0.00	1.03	0.00		* RELAY INDICATION* BADARPUR:AFAS (M1)Y-B, Z-1,48.831KM, 2.41KA* (M2)Y-B, Z-1,50.829KM, 2.41KA* KHLIEHRIAT:AFAS: Y-B, Z-1,24.182KM, 3.212KA* INCREMENT WEATHER CONDITION AT THE TIME OF TRIPPING* 28.04.2024 11:39:48 INDIA (60001776)* BIGTREE FALLEN BETWEEN LOC NO.145 AND 146 IN BOTH Y<-&-> B PHASE
							0.88	4.18	0.00	4.96	11.87	99.41	
CKT	132kV BADARPUR-KOLASIB(MIZORAM)	LCSO	17-04-2024	17:23:00	19-04-2024	19:00:00	2.07	0.00	0.00	0.00	49.62		* Post fault patrolling has been carried on dated 18th April 2024 from Tower no- 254 to 181 based on both AFAS details from Badarpur end, but in this section no any abnormality has been found. Further, Post fault patrolling has been carried out on dated* 19th April 2024 from location no 254 to 274 and 181 to 137. Actual fault found between Tower location no-137 (B+3) <-&-> 138 (D+0)* at a distance 38.515 KM from Badarpur end in B Phase.* NO* During post fault Patrolling between Towers locations no 137 <-&-> 138 in B Phase, A bamboo has been found on hanging condition.* At the time of tripping, it was heavy raining with thunderstorm confirmed by local villagers, during the heavy wind around 20mtrs* away from outside corridor tall bamboo got broken, jumped on the B phase conductor and stuck. After found the fault, hanging* bamboo has removed from B phase conductor and line is restored on dated 19.04.2024.* OUT SIDE BABOO BRANCH FALLEN ON CONDUCTOR
CKT	132kV BADARPUR-KOLASIB(MIZORAM)	LART	21-04-2024	23:57:00	21-04-2024	23:57:00	0.00	0.00	0.00	0.00	0.00		* AUTO RECLOSE SUCCESSFUL* RELAY INDICATION* BADARPUR:(M1) B-N, Z1,34.94 KM, 2.85 KA* (M2) B-N, Z1,34.83 KM, 2.85 KA* KOLASIB: B-N,69.28 KM* 01.05.2024 13:30:21 INDIA (60001776)* Post fault patrolling has been carried on dated 22.04.2024 from Tower no- 120 to 130, based on Fault distance: 34.94 KM as per Badarpur* end Relay. Actual fault found at Tower location no-127 (B+6) at a distance 35.54 KM from Badarpur end in B (SINGLE SIDE) Phase.* During Tower Top Patrolling at Fault Tower location 127 (B+6), Flash over mark observed in Disc Insulator. At the time of A/R, it was* heavy raining with thunderstorm near tower location area, confirmed by local villagers.
CKT	132kV BADARPUR-KOLASIB(MIZORAM)	LEFT	24-04-2024	13:12:00	24-04-2024	14:00:00	0.03	0.80	0.00	0.00	0.00		* BADARPUR: SITE Y-N, BU OC EF OPTD,DIFF INTER TRIP,175.2A,* KOLASIB: AWAITING, POWER FLOW FROM AIZWAL IS ZERO* HEAVY RAIN-STORM <-&-> LIGHTNING PREVAILS IN AN AROUND THE AREA AT THE TIME OF TRIPPING.* 24.05.2024 09:50:52 INDIA (60001776)* ACTUAL FAULT FOUND AT TOWER LOCATION NO.224(B+3) AT A DISTANCE OF 64.765KM FROM BADRAPUR END IN Y PHASE, FLASH OVER MARK OBSERVED ON Y PHASE INSULATOR DISC
CKT	132kV BADARPUR-KOLASIB(MIZORAM)	LNCC	03-04-2024	02:32:00	03-04-2024	03:02:00	0.02	0.00	0.00	0.50	0.00		* BADARPUR: R-N, Z-2, 100.71KM, 1.0KA* KOLASIB: R-N, E/F* INCREMENT WEATHER CONDITION AT THE TIME OF TRIPPING.* 27.04.2024 11:58:36 INDIA (60001776)* Post fault Patrolling carried out in betn. Loc 333-341 on 04.04.2024. Flashover marks were found on Arcing Horns* at R-ph (Top Ph) in L, 338 Dist-6.88 KM from Kolasib end. It was raining heavily with thunderstorms at the time of* tripping. Therefore, it is suspected that Lightning is the cause for tripping. Photos enclosed separately.
CKT	132kV BADARPUR-KOLASIB(MIZORAM)	LNCC	17-04-2024	16:49:00	17-04-2024	17:22:00	0.02	0.00	0.00	0.55	0.00		* TRIPPED ON RE -CLAIM TIME* BADARPUR: B-G, DIFFERENTIAL INTER TRIP, 159.9KM, lb= 158.7AMP, Idiff - 233.7AMP* KOLASIB: B-G67 KM* HEAVY RAIN AND LIGHTNING PREVAILS IN AN AROUND THE AREA DURING TRIPPING OF THE LINE.** AT 18:17HRS LINE EXTENDED FROM BADARPUR END THAN GOT TRIPPED* BADARPUR (AFAS): M1: B-N, Z-1, 63.0KM, M2: B-N, Z-1, 68.09KM, lb= 0.56KA* (SITE): B-N, 115.5KM, DIFF. OPTD. lb= 300.3AMP* KOLASIB: NA* 27.04.2024 17:19:19 INDIA (60001776)* Post fault patrolling has been carried on dated 18th April 2024 from Tower no- 254 to 181 based on both AFAS details from Badarpur end, but in this section no any abnormality has been found. Further, Post fault patrolling has been carried out on dated* 19th April 2024 from location no 254 to 274 and 181 to 137. Actual fault found between Tower location no-137 (B+3) <-&-> 138 (D+0)* at a distance 38.515 KM from Badarpur end in B Phase.* NO* During post fault Patrolling between Towers locations no 137 <-&-> 138 in B Phase, A bamboo has been found on hanging condition.* At the time of tripping, it was heavy raining with thunderstorm confirmed by local villagers, during the heavy wind around 20mtrs* away from outside corridor tall bamboo got broken, jumped on the B phase conductor and stuck. After found the fault, hanging* bamboo has removed from B phase conductor and line is restored on dated 19.04.2024.* OUT SIDE BABOO BRANCH FALLEN ON CONDUCTOR
CKT	132kV DIMAPUR-DIMAPUR(NAGALAND)-1	OSFD	06-04-2024	09:11:00	06-04-2024	10:18:00	0.05	0.00	0.00	0.00	1.12	100.00	* EMERGENCY SHUT DOWN TAKEN BY STATE (NAGALANG)
CKT	132kV DIMAPUR-KOHIMA(NAGALAND)-1	OMSU	20-04-2024	23:16:00	20-04-2024	23:16:00	0.00	0.00	0.00	0.00	0.00		* AUTO RE-CLOSE SUCCESSFUL AT BOTH END* DIMAPUR:SITE: BN, Z1, 6.7KA, 2.7KM ( BEYOND POWERGRID JURISDICTION)* HEAVY RAINFALL AND LIGHTNING RECORDED AT DIMAPUR AREA
CKT	132kV DIMAPUR-KOHIMA(NAGALAND)-1	OMSU	28-04-2024	01:09:00	28-04-2024	01:09:00	0.00	0.00	0.00	0.00	0.00		** DIMAPUR*: (AFAS): Y-G, Z1 3.34 KA, 23.55 KA* AR SUCCESSFULL
CKT	132kV DIMAPUR-KOHIMA(NAGALAND)-1	OSPD	23-04-2024	09:19:19	23-04-2024	15:50:00	0.27	0.00	0.00	0.00	6.51		* S/D TAKEN BY NAGALAND STATE
CKT	132kV DIMAPUR-KOHIMA(NAGALAND)-1	OMSU	24-04-2024	18:59:00	24-04-2024	19:26:00	0.02	0.00	0.45	0.00	0.00		* DIMAPUR: AFAS: M1: BN, 40KM, 2.06KA(BEYOND POWERGRID JURISDICTION)* KOHIMA: NO TRIP
CKT	132kV DIMAPUR-KOHIMA(NAGALAND)-1	OSPD	22-04-2024	09:15:39	22-04-2024	15:35:00	0.26	0.00	0.00	0.00	6.32		* SD TAKEN BY NAGALAND STATE
CKT	132kV DIMAPUR-KOHIMA(NAGALAND)-1	OMSU	21-04-2024	12:10:00	21-04-2024	12:55:00	0.03	0.00	0.75	0.00	0.00		** DIMAPUR*: RAS M1: R-Y,1.5KA,Z3* KOHIMA*: NO TRIPPING,AT THE SAME TIME 132KV KOHIMA -KARONG LINE AR ATTEMPTED AND TRIPPED ON SOTF* *Line length*: 40KM* *Jurisdiction*: NAGALAND JURISDICTION
CKT	132kV DIMAPUR-KOHIMA(NAGALAND)-1	OSPD	24-04-2024	09:13:00	24-04-2024	15:11:00	0.25	0.00	0.00	0.00	5.97		* S/D TAKEN BY NAGALAND STATE
CKT	132kV DIMAPUR-KOHIMA(NAGALAND)-1	OSFD	06-04-2024	09:04:00	06-04-2024	10:01:00	0.04	0.00	0.00	0.00	0.95		* EMERGENCY HAND TRIPPED AT KOHIMA END ONLY BY STATE (NAGALANG)
CKT	132kV DIMAPUR-KOHIMA(NAGALAND)-1	OMSU	11-04-2024	11:36:00	11-04-2024	12:17:00	0.03	0.00	0.68	0.00	0.00		* Line Name* 132KV Dimapur-Kohima Line* Trip Time 11:36HRS, DATED: 11.04.2024* Relay Indication -* Dimapur: R-G, Z-2, 55KM, 928A,* Kohima: O/C* Jurisdiction: NAGALAND JURISDICTION* Phase position: Y-TOP,R-BOTTOM,B-SIDE CONDUCTOR* Line length : 58KM* Fault nature <-&-> Angle:NA* A/R: NOT ATTEMPT(P/LCC NOT AVAILABLE)* Restoration: 12:17Hrs* Patrolling team: Yet to start
							0.90	0.00	1.88	0.00	19.75	100.00	
CKT	132kV DOYANG(NEEPCO)-DIMAPUR-1	LNCC	24-04-2024	14:00:00	24-04-2024	14:39:00	0.03	0.00	0.00	0.65	0.00		* DIMAPUR:AFAS,M1-R-Y,92KM,3.64KA, M2-R-Y,3.64KA* 24.04.2024 20:27:53 INDIA (60016738) Phone 9419036726* DIMAPUR:AFAS,M1-R-Y,B 92KM,3.64KA, M2-R-Y-B,3.64KA* HEAVY RAIN-STORM <-&-> LIGHTNING PREVAILS IN AN AROUND THE AREA AT THE TIME OF TRIPPING.* 28.04.2024 10:51:04 INDIA (60001776)* The Patrolling team found the suspected spot of B-phase fault for Ckt-1 side at Tower Loc. No 293 (Type-B+3). Fresh flashover mark was found on insulator string of B-phase conductor at Loc. 293.Patrolling carried out from Loc. 277 to 295.* Patrolling to be continued from Loc 276 towards Doyang side to locate the fault of R<-&->Y phase,Ckt-1 side and RYB phase fault of Ckt-2 side.* The Land owner of the building near Loc. 293 also informed that he heard loud noise and saw flashing coming out from the insulator string around the time of tripping of the Line.

Standard of Performance data for the Month of Apr-2024													
Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., NORTHERN EASTERN REGION													
Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration	Restoration	Total Outage in Days	OUTAGE ATTRIBUT ABLE TO ISTS Licensee	OUTAGE ATTRIBUT ABLE To Others	OUTAGE ATTRIBUT ABLE To System Constraint	OUTAGE ATTRIBUT ABLE To Deemed Available	% Availability as certified by certifier	Detailed Reasons for Outage
CKT	132kV DOYANG(NEEPSCO)-DIMAPUR-1	LART	16-04-2024	22:40:00	16-04-2024	22:40:00	0.00	0.00	0.00	0.00	0.00		* A/R SUCCESSFUL* DIMAPUR: R-G, Z-2 (Carrier Aided), 83.71KM, 1.3KA,** DOYANG: R-G, Z-1, 4.87KM,* 30.04.2024 08:44:36 INDIA (60001776)* The Patrolling team patrolled Tower Locations from Loc. 13 to Loc.30 from Dt. 17.04.2023 to 19.04.2023. The suspected* cause for auto reclose/tripping of the line is found at Loc.15. Flashover mark found on R-phase insulator Circuit-I side at* Loc. 15. There was heavy rainfall accompanied with lightning in the Doyang arca near the fault location during the time of* the fault and the same confirmed with the village people* NO* It is hence suspected that the cause of the auto reclose/tripping of the Doyang-Dimapur TL,Ckt-I side on 16.04.2024 was* caused by back flashover due to lightning strike on the section of the Line. The relay reading corresponds with the details of* the post fault patrolling findings.
CKT	132kV DOYANG(NEEPSCO)-DIMAPUR-1	OSFD	17-04-2024	00:13:00	17-04-2024	11:51:00	0.49	0.00	0.00	0.00	11.63	100.00	* E/S/D TAKEN BY DOYANG END FOR CHECKING OF R-PH ZERO CURRENT AT DOYANG S/S.
CKT	132kV DOYANG(NEEPSCO)-DIMAPUR-2	LNCC	24-04-2024	14:00:00	24-04-2024	14:43:00	0.03	0.00	0.00	0.72	0.00		* DIMAPUR:AFAS,M1-R-Y,2.45KM,3.91KA,Z1 (FIRST R-Y FAULT AND DURING AR ATTEMPT Y-B FAULT)* 28.04.2024 10:58:44 INDIA (60001776)* The Patrolling team found the suspected spot of B-phase fault for Ckt-1 side at Tower Loc. No 293 (Type-B+3). Fresh flashover mark was found on insulator string of B-phase conductor at Loc. 293. Patrolling carried out from Loc. 277 to 295.* Patrolling to be continued from Loc 276 towards Doyang side to locate the fault of R-<(>&-<->-Y phase,Ckt-1 side and RYB phase fault of Ckt-2 side.* The Land owner of the building near Loc. 293 also informed that he heard loud noise and saw flashing coming out from the insulator string around the time of tripping of the Line.
CKT	132kV NIRJULI-GOHPUR(ASSAM)-1			00:00:00		00:00:00	0.03	0.00	0.00	0.72	0.00	100.00	
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132kV JIRIBAM-HAFLONG	LHWT	30-04-2024	04:20:00	30-04-2024	04:56:00	0.03	0.60	0.00	0.00	0.00		* Relay Indication -> HAFLONG: AFAS: M1: RN,Z1,22.11 KM,1.09KA, AFAS DOUBLE ENDED:27.24 KM* JIRIBAM: AFAS: M1: RN,Z1,54.72 KM,1.27KA, AFAS DOUBLE ENDED:73.35 KM KM* 03.05.2024 08:46:44 INDIA (60001776)** BURNT MARK OBSERVED IN ARCING HORN,V/D AND CC RING OFR PHASE CONDUCTOR ON R PHASE CONDUCTOR OF OF TOWER NO.84
CKT	132kV JIRIBAM-HAFLONG	LNCC	24-04-2024	16:26:00	24-04-2024	17:03:00	0.03	0.00	0.00	0.62	0.00		* HAFLONG: AFAS, M1, R-N, 75.36KM, 0.68KA* Site, R-N,73.48KM, 677A* JIRIBAM:AFAS, M1, R-N, 5.99KM, 1.71KA* SITE, R-N, 2.67KM, 1.72KA* 08.05.2024 18:49:27 INDIA (60041598)* DURING POST FAULT PATROLLING IT WAS FOUND THAT LIGHTING SPOT AT INSULATOR AND ARCING HORN IN R-PH AT LOC NO 298
CKT	132kV JIRIBAM-HAFLONG	LART	21-04-2024	00:25:00	21-04-2024	00:25:00	0.00	0.00	0.00	0.00	0.00		* AUTO RE-CLOSE SUCCESSFUL AT BOTH END* JIRIBAM:AFAS.M1, .B-N, 3.591KA,9.32KM (9.27%), AFAS, M2, B-N, 3.9KA* HAFLONG:AFAS.M1,B-N,0.83KA, 68.235KM ( 67.83%), M2, B-N, 0.83KA
CKT	132kV JIRIBAM-HAFLONG	LNCC	26-04-2024	20:56:00	26-04-2024	21:42:00	0.03	0.00	0.00	0.77	0.00		* HAFLONG: AFAS: M1: RN, 0.68KA, 74.93KM, 62.58 DEGREE* JIRIBAM: (SITE): R-N, Z1, 2.723 KM, 4.498 KA* (AFAS):M1-R-N,2.6 KM, 4.66 KA, 54.52 DEGREE,AR UNSUCCESSFUL,* INCREMENT WEATHER CONDITION IN AND AROUND THE AREA OF JIRIBAM AND HAFLONG AT THE TIME OF TRIPPING* 30.04.2024 15:46:17 INDIA (60001776)* LIGHTNING SPOT IS FOUND AT INSULATOR AND ARCING HORN OF R PHASE AT TOWER LOC NO.298
CKT	132kV JIRIBAM-HAFLONG	LART	26-04-2024	06:01:00	26-04-2024	06:01:00	0.00	0.00	0.00	0.00	0.00		* AUTO-RECLOSED SUCCESSFUL AT BOTH ENDS* JIRIBAM: M1: R-N, Z1, 1.619KM, 4.82KA,45.3DEGREE; M2: R-N, 4.88KA* HAFLONG: M1: R-N, Z1, 78.865KM, 0.67KA, 60.28DEGREE; M2: R-PH, 0.68KA,* INCREMENT WEATHER CONDITION IN AN AROUND THE AREA OF SILCHAR AT THE TIME OF A/R
CKT	132kV JIRIBAM-HAFLONG	LART	21-04-2024	06:03:00	21-04-2024	06:03:00	0.00	0.00	0.00	0.00	0.00		* AUTO RE-CLOSE SUCCESSFUL AT BOTH END* JIRIBAM:AFAS.M1, .R-N, 0.89KA, 28.04KM , AFAS, M2, R-N, 2.15KA,* HAFLONG:AFAS.M1, .R-N, 0.89KA,47.95KM , AFAS, M2, R-N, 0.89KA
CKT	132kV JIRIBAM-HAFLONG	LART	01-04-2024	04:10:00	01-04-2024	04:10:00	0.00	0.00	0.00	0.00	0.00		* A/R SUCCESSFUL AT BOTTH END CB Reclosed,B-G, Z1,2.363KA,21.993KM* HAFLONG:CB Reclosed-B-G, Z1,54.63KM, 0.785KA** 27.04.2024 10:38:41 INDIA (60001776)* Post fault patrolling has been carried on dated 01.04.2024 based on Fault distance: 54.63 KM as per Haflong end Relay and Fault distance* 21.993KM as per Jiribam end Relay.* NA* Actual fault found at Tower location no-177 (A+0) at a distan* e 54.843 KM from Haflong end at B Phase. During Tower Top Patrolling at* Fault Tower location 177 (A+0), Flash over mark observed in B Phase CLR Polymer Insulator and arcing horn. At the time of tripping, it* was heavy raining with thunderstorm confirmed by local villagers. It seems that, due to heavy thundering in this location voltage shoot* up <(>&-<->-> current flows through Insulator and arcing horn in B phase and line A/R.
CKT	132kV JIRIBAM-HAFLONG	LNCC	03-04-2024	21:36:00	03-04-2024	21:59:00	0.02	0.00	0.00	0.38	0.00		* LINE TRIPPED AT BOTH ENDS* JIRIBAM** (AFAS) M1:BN, 4.289KM, 0.896KA, OVERCURRENT TRIP:* (AFAS) OVERCURRENT: BN, 0.90KA;* (SITE) DEF OPERATED, BN, 0.244KA;* HAFLONG*: (AFAS) OVERCURRENT: BN, 0.20KA;* (SITE): DEF OPERATED:* 05.04.2024 20:37:02 INDIA (60051134)** BIG TREE FROM OUTSITE LINE CORRIDOR UPROOTED BY STORMY WIND FALLS TO THE CONDUCTOR IN BETWEEN SPAN NO. 278-279 CAUSING TRIPPING OF THE LINE.
CKT	132kV JIRIBAM-HAFLONG	LHWT	02-04-2024	19:35:00	02-04-2024	20:16:00	0.03	0.68	0.00	0.00	0.00		* JIRIBAM (SITE): R-N, Z1, 6.144 KM* (AFAS) R-N, Z1, 6.02 KM ,F.C-3.82 KA* HAFLONG (SITE): R-N, Z1 71.44 KM ,669.7 A* (AFAS) R-N, Z1, 72.17 KM, F.C-0.067 KA* INCREMENT WEATHER CONDITION AT THE TIME OF TRIPPING,* 27.04.2024 11:36:58 INDIA (60001776)* Post fault patrolling has been carried on dated 03.04.2024 based on Fault distance: 71.44KM as per Haflong end Relay and Fault distance* 6.144KM as per Jiribam end Relay.* NO* Actual fault found at Tower location no-231 (B+0) at a distance 73.281 KM from Haflong end at R Phase. During Tower Top Patrolling at* Fault Tower location 231 (B+0), Flash over mark observed in R Phase CLR Polymer Insulator on both end. At the time of tripping, it was* heavy raining with thunder storm confirmed by local villagers. It seems that, due to heavy thundering in this location voltage shoot-up* <(>&-<->-> current flows through Insulator at R Phase and line tripped.
CKT	132kV JIRIBAM-HAFLONG	LART	25-04-2024	01:36:00	25-04-2024	01:36:00	0.00	0.00	0.00	0.00	0.00		* AUTO RECLOSE SUCCESSFUL* Relay Indication -> HAFLONG: AFAS, M1, R-N, 7.594 km, 1.512KA,Z1* JIRIBAM:AFAS, M1, R-N ,68.514KM, 1.202KA, Z1* INCREMENT WEATHER CONDITION AT THE TIME OF A/R* 30.04.2024 15:56:31 INDIA (60001776)* TRIPPING CAUSED DUE TO LIGHTNING ON B PHASE CONDUCTOR OF TOWER NO.29. BURNT MARK OBSERVED IN ARCING HORN OF B PHASE INSULATOR
CKT	132kV JIRIBAM-HAFLONG	LCSD	03-04-2024	22:00:00	05-04-2024	16:42:00	1.78	0.00	0.00	0.00	42.70		* BIG TREE FROM OUTSITE LINE CORRIDOR UPROOTED BY STORMY WIND FALLS TO THE CONDUCTOR IN BETWEEN SPAN NO. 278-279 CAUSING TRIPPING OF THE LINE.
							1.92	1.28	0.00	1.77	42.70	99.82	
CKT	132kV Haflong-Umrangso	OSPT	13-04-2024	10:27:00	13-04-2024	15:07:00	0.19	4.67	0.00	0.00	0.00		* AMP WORK <(>&-<->-> MODIFICATION GAS ZONE TRIPPING
							0.19	4.67	0.00	0.00	0.00	99.35	

Standard of Performance data for the Month of Apr-2024

Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., NORTHERN EASTERN REGION

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration	Restoration	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 IMPHAL-DIMAPUR-1	LNCC	30-04-2024	11:14:44	30-04-2024	23:59:59	0.53	0.00	0.00	12.75	0.00		* TRIPPED ON RECLAIM TIME= IMAPUR :AFAS:Z1,M1-B-G,102.923KM, 0.73KA,66.51DEG* SITE:B-G,Z1,First Fault distance:29.49KM,Reclaim Time Fault distance:66.3KM,IB-1.39KA* IMPHAL:SITE:M1,R-G,Z1,105KM,IR-1.2KA,IY-235A,IB-853A. Line length :170KM* Fault nature <-><-> Angle: 66 DEG* 08.05.2024 19:20:23 INDIA (60041598)* THERE WAS A THIN AND TALLBROKEN PINE TREE NEAR THE BROKEN CONDUCTOR. THE AREA AROUND THE FAULT LOCATION ALSO CAUGHT FIRE DUE TO FLAMMABLE LEAVES ANDDECAYED PINE BRANCHES LYING SCATTERED ARORRND THE PLANTATION AREA.* THE B-PHASE CONDUCTOR MIGHT HAVE BROKEN DR'RE TO SUSTAINED FAULT CURRENT AND RESULTING ARC ON THE CONTACT AREA OF THE CONDUCTOR* AND THE TIP OF THE STUCK BROKEN PINE TREE, VARIOUS TALL THIN BURNT TWIGS OF PINE TREE WERE ALSO FOUND NEAR THE R-<-><->Y PHASE CONDUCTOR* WHICH MIGHT HAVE CAUSED THE AUTO-RECLOSE/TRIPPING OF THE OTHER PHASE (R-Y PHASE FAULT)* THE PINE TREE SITUATED ON THE UPHILL SIDE BROKE AT THE LOWERMOST TRUNK AND FLUNG TOWARDS THE CONDUCTOR DUE TO EXCESSIVE WIND GUSH* PREVAILING IN THE AREA DURING THE TIME. THE PINE TREE IS ABOUT 22-23 METRES TALL AS MEASURED.* THE DISTANCE OFTHE PINE TREE FROM THE CONDUCTOR LS ABOUT 24 METRE
CKT	132kV IMPHAL-DIMAPUR-1	LART	30-04-2024	11:09:16	30-04-2024	11:09:16	0.00	0.00	0.00	0.00	0.00		* AR SUCCESSFUL= IMAPUR :AFAS: M1-R-Y,56.69KM, 1.84KA,65.51DEG* IMPHAL:SITE: M1,R-Y,Z1,93.65KM,R-1.24KA,Y-1.22KA,Line length :170KM* Fault nature <-><-> Angle: 65degree.Lightening* 05.05.2024 11:11:19 INDIA (60001776)** 132kV SC Imphal-Dimapur line tripped on permanent fault on 30.04.2024 at 11:14 hrs. Soon one of the TLM team patrolling nearby rushed to the fault location as shown on the relay distance and found that B-phase conductor was lying broken on the ground at about 20 metre distance from Loc. 310 along the corridor of Loc. 309-310. There was a thin and tall* broken pine tree near the broken conductor. The area around the fault location also caught fire due to flammable leaves and decayed pine branches lying scattered arround the plantation area.** The B-phase conductor might have broken dr're to sustained fault current and resulting arc on the contact area of the conductor* and the tip of the stuck broken pine tree, Various tall thin burnt twigs of pine tree were also found near the R-<-><->Y phase conductor* which might have caused the auto-reclose/tripping of the other phase (R-Y phase fault)* The pine tree situated on the uphill side broke at the lowermost trunk and flung towards the conductor due to excessive wind gush* prevailing in the area during the time. The pine tree is about 22-23 metres tall as measured.* The distance ofthe pine tree from the conductor is about 24 metre.** After regrouping from various patrolling duties and collection of required T-<-><->P's, Dimapur TLM maintenance team reached the fault site at about 05:30 PM after travelling for more than 03 hours However restoration work could not be started on the day due to continuous rainfall and onset of darkness and difficult hilly terrain. The maintenance team camped at nearby village on the night.* On 01.05.2024, the restoration work started early in the morning at 5:AM and completed by 12:15 PM. Line charged successfully* at 12:56 P
CKT	132kV IMPHAL-DIMAPUR-1	LNCC	01-04-2024	10:52:00	01-04-2024	11:25:00	0.02	0.00	0.00	0.55	0.00		* DIMAPUR: SITE: M1: BN, Z1, 4.3KA, 11.9KM, M2: BN, Z1, 4.3KA, 12.17KM* IMPHAL: SITE: M1: BN, Z2, 704.5A, 162.9KM, M2: BN, Z2, 690.4A, 160.6KM* 27.04.2024 11:19:29 INDIA (60001776)* It is observed that the RCC building under construction bet-><->een the location No 476 and 477 of 132 kV S/C Dimapur - imphal transmission line of POWERGRID is falling within the RoW and is in close proximity of the conductor of Thetransmission line. The subject transmission* line was constructed ard commissioned way back in January 1996, whereas the subject building is* still under construction.
							0.55	0.00	0.00	13.30	0.00	100.00	
CKT	132kV IMPHAL-IMPHAL(MANIPUR)-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 IMPHAL-NINGTHOUNGKONG(MANIPUR)			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 JIRIBAM-TIPAIMUKH(MANIPUR)	LCSD	20-04-2024	16:34:00	21-04-2024	16:34:00	1.00	0.00	0.00	0.00	24.00		* A VERY LONG TREE IS FOUND FALLEN THE LINE DUE TO HEAVY CYCLONE STROM FROM FAR AWAY FROM THE LINE CORRIDOR(ABOUT 22M FROM THE LINE CENTER FROM UPHILL SIDE)IN THE SPAN NO.135-136
CKT	132kV JIRIBAM-TIPAIMUKH(MANIPUR)	LNCC	20-04-2024	15:55:00	20-04-2024	16:33:00	0.03	0.00	0.00	0.63	0.00		* TRIPPED ON RECLAIM TIME* JIRIBAM: (AFAS) M1:RY, Z-2 TRIPPED ON ZONE-1, 76.787KM, 2.43KA, AR UNSUCCESSFUL, 09.202deg; M2:RY, 2.49 kA and voltage dip of around 56 kv (0.74 pu), TOTAL LINE LENGTH:76.78KM* JIRIBAM: (SITE): RY, 41.20KM, Z4, IA:2.36KA, IB:2.35KA, IC:26.4A* TIPAIMUKH: RY, Z1, 36.4KM** AT 16:40HRS VIDE CODE 1427 CHARGING ATTEMPTED BUT TRIPPED ON SOT* JIRIBAM(AFAS): M1:RY, Z1, 40.785KM, 2.43KA, 66.854deg; M2:RY, 2.42KA, OVERCURRENT* TIPAIMUKH: AWAITED* 27.04.2024 17:50:28 INDIA (60001776)* A VERY LONG TREE IS FOUND FALLEN THE LINE DUE TO HEAVY CYCLONE STROM FROM FAR AWAY FROM THE LINE CORRIDOR(ABOUT 22M FROM THE LINE CENTER FROM UPHILL SIDE)IN THE SPAN NO.135-136
CKT	132kV JIRIBAM-TIPAIMUKH(MANIPUR)	LART	24-04-2024	13:43:00	24-04-2024	13:43:00	0.00	0.00	0.00	0.00	0.00		* AUTO RECLOSE SUCCESSFUL* JIRIBAM. CB RECLOSE R-N, Z-1, 48.82KM, 1.4KA* TIPAIMUKH: R-N,Z1,16.9KM
CKT	132kV JIRIBAM-TIPAIMUKH(MANIPUR)	LART	17-04-2024	10:08:00	17-04-2024	10:08:00	0.00	0.00	0.00	0.00	0.00		* CB RECLOSE AT JIRIBAM END.* JIRIBAM, R-Y-PH, 76.24KM, 1.56KA* 27.04.2024 17:12:43 INDIA (60001776)* Upon patrolling lightning spot is found at insulator of R Phase,Jiribam side and Y Phase towards tipaimukh side at Loc no.236
							1.03	0.00	0.00	0.63	24.00	100.00	
CKT	132kV JIRIBAM-LOKTAK(NHPC)-2	LART	26-04-2024	20:52:00	26-04-2024	20:52:00	0.00	0.00	0.00	0.00	0.00		* JIRIBAM: AFAS: M2: RN, 2.82KA, Over Current* LOKTAK: RN, 99.6KM* 30.04.2024 14:12:25 INDIA (60001776)* LIGHTNING SPOT FOUND AT INSULATOR AND ARCING HORN IN R PHASES AT LOCATION NO.56
CKT	132kV JIRIBAM-LOKTAK(NHPC)-2	LHWT	21-04-2024	11:14:00	21-04-2024	11:39:00	0.02	0.42	0.00	0.00	0.00		* JIRIBAM:Site:M1: R-G, Z-1, 33.48KM, 1.88KA,AFAS M2:R-G,1.887KA,M1:R-G=-,1.89KA,25.83KM,Fault angle-63deg* LOKTAK: R-G,Z1,49.18KM,1.546KA* Jurisdiction: JIRIBAM TLM* Phase position: Y-Ph: BOTTOM, B-PH: SINGLE CONDUCTOR SIDE, R-Ph: TOP,* Line length : 83.5 KM* Fault nature <-><-> Angle: 66 DEGREE,A/R Not Attempted* Heavy Rainfall and Thunder storm recorded at the Laktak area.* 08.05.2024 12:38:12 INDIA (60001776)* REASON OF TRIPPING IS DUE TO LOOSE OPGW CLEARANCE WITH THE TOP CONDUCTOR(R PHASE) AT SPAN 93-94 OF THE LINE. THE LOOSE OPGW CLEARANCE IS NOW FINALLY RECTIFIED.
CKT	132kV JIRIBAM-LOKTAK(NHPC)-2	LART	07-04-2024	12:46:00	07-04-2024	12:46:00	0.00	0.00	0.00	0.00	0.00		* AUTO RECLOSE SUCCESSFULL AT BOTH ENDS* JIRIBAM: B-N, Z1, 22.183KM, 2.18KA* LOKTAK: AWAITED* INCMLET WEATHER CONDITION IN AN AROUND THE AREA AT THE TIME OF A/R OF THE LINE* 27.04.2024 16:06:53 INDIA (60001776)* Reason of tripping is found to be lightning.As lightning spot is found at insulator of B Phase towards the Imphal side at Loca 59
CKT	132kV JIRIBAM-LOKTAK(NHPC)-2	LART	01-04-2024	08:17:00	01-04-2024	08:17:00	0.00	0.00	0.00	0.00	0.00		* JIRIBAM: AFAS: RN, 22.20KM, 2.36 KA, SITE: RN, Z1, 28.89KM,1.99KA* AR UNSUCCESSFUL AT BOTH END* 27.04.2024 11:15:13 INDIA (60001776)** A LIGHTING SPOT FOUND ON INSULATOR AND ARCING HORN OF R HASE TOWRDS JIRIBAM AT LOC NO 80
CKT	132kV JIRIBAM-LOKTAK(NHPC)-2	LART	04-04-2024	21:04:00	04-04-2024	21:04:00	0.00	0.00	0.00	0.00	0.00		* AR OPERATED AT JIRIBAM END AND TRIPPED AT LOKTAK(NHPC) END* Relay Indication -> JIRIBAM: (AFAS) : M1- B-G, Z1, 3.14KA, 7.41km , CB RECLOSE* LOKTAK(NHPC): Z2, 76KM* HEAVY RAIN AND LIGHTNING PREVAILS IN AN AROUND THE AREA DURING TRIPPING OF THE LINE.* 27.04.2024 12:29:39 INDIA (60001776)* A LIGHTING SPOT WAS FOUND ON INSULATOR AT LOC NO.35 OF b PHASE TOWARDS THE JIRIBAM
							0.02	0.42	0.00	0.00	0.00	99.94	
CKT	132kV KHLIEHRIAT-KHLIEHRIAT(MePTCL)-1	SCSD	23-04-2024	09:02:00	23-04-2024	21:56:00	0.54	0.00	0.00	0.00	12.90		* FOR CONDUCTING BUS BAR STABILITY TEST
CKT	132kV KHLIEHRIAT-KHLIEHRIAT(MePTCL)-1	LCSD	27-04-2024	11:47:00	30-04-2024	23:59:59	3.51	0.00	0.00	0.00	84.22		* CSD TILL 18.05.2024 FOR HTLS RECONDUCTORING WORKS
CKT	132kV KHLIEHRIAT-KHLIEHRIAT(MePTCL)-1	OSFT	24-04-2024	14:57:00	24-04-2024	19:41:00	0.20	4.73	0.00	0.00	0.00		* EMERGENCY SHUTDOWN TAKEN FOR ATTENDING THE OIL LEAKAGE FROM Y PH CT AT KHLIEHRIAT PGCIL END
							4.25	4.73	0.00	0.00	97.12	99.34	
CKT	132kV KHANDONG(NEEPCCO)-KHLIEHRIAT-1	LCSD	03-04-2024	09:16:00	30-04-2024	23:59:59	27.61	0.00	0.00	0.00	662.73		* C/S/D TAKEN FOR HTLS CONSTRUCTION RELATED WORK
							27.61	0.00	0.00	0.00	662.73	100.00	

Standard of Performance data for the Month of Apr-2024

Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., NORTHERN EASTERN REGION

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration	Restoration	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 KHANDONG(NEEPCCO)-KHLIEHRIAT-2	LART	30-04-2024	17:41:00	30-04-2024	17:41:00	0.00	0.00	0.00	0.00	0.00		* AUTO-RECLOSE SUCCESSFUL AT BOTH ENDS* KHLIEHRIAT: R-N, Z1, 17.051KM, 2.825KA, 62DEGREE* KHANDONG: R-N, Z1* INCREMENT WEATHER CONDITION IN AN AROUND THE AREA AT THE TIME OF A/R* 08.05.2024 15:30:34 INDIA (60001776)** FLASH OVER MARK ON JUMPER OF R PHASE AT LCOATION NO.81
CKT	132kV KHANDONG(NEEPCCO)-KHLIEHRIAT-2	SCSD	23-04-2024	09:11:00	23-04-2024	20:59:00	0.49	0.00	0.00	0.00	11.80	100.00	* FOR CONDUCTING BUS BAR STABILITY TEST
CKT	132kV KHANDONG(NEEPCCO)-KOPILI(NEEPCCO)-1	LCSO	03-04-2024	09:24:00	30-04-2024	23:59:59	27.61	0.00	0.00	0.00	662.60	100.00	* C/S/D TAKEN FOR HTLS CONSTRUCTION RELATED WORK
CKT	132kV KHANDONG(NEEPCCO)-KOPILI(NEEPCCO)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132kV Khandong-Umrangso	OSPD	01-04-2024	11:05:00	01-04-2024	14:49:00	0.16	0.00	0.00	0.00	3.73	100.00	* SHUTDOWN TAKEN BY ASSAM
CKT	132kV KUMARGHAT-AIZWAL	LNCC	28-04-2024	17:45:00	28-04-2024	18:24:00	0.03	0.00	0.00	0.65	0.00	100.00	* "LINE TRIPPED ON RECLAIM TIME := izwal: AFAS : M1, B-G, 1.91 KA , 24.813KMS , Z1,Double end.34.67KM* SITE : M1- Y-N, Z1, 45.4KMS, 5.0KA, / M2- Y-N, Z1, 4.38KA* Kumarghat :AFAS M1- B-N, Z1, 73.58KMS, 0.98KA /Double end distance.100.38KM FAULT ANGLE : 74.38 DEGREE= NCLEMENT WEATHER CONDITION IN AN AROUND THE AREA NEAR BY LINE** 03.05.2024 09:21:54 INDIA (60001776)** FLASH OVER MARK OBSERVED ON ARCING HORN AT B PHASE OF LOCATION 68
CKT	132KV-KUMARGHAT-KARIMGANJ-ACL-C1	LART	21-04-2024	23:27:00	21-04-2024	23:27:00	0.00	0.00	0.00	0.00	0.00	100.00	* AUTO RECLOSE SUCCESSFUL* RELAY INDICATION* KUMARGHAT: M1AFAS:R-N, Z-1, 72.79KM,1.28KA* KARIMGANJ.MI: R-N, Z-1, 20.33KM,
CKT	132kV LOKTAK(NHPC)-IMPHAL-2	LART	05-04-2024	11:11:00	05-04-2024	11:11:00	0.00	0.00	0.00	0.00	0.00	100.00	** " LINE TRIPPED AT LOKTAK END ONLY : CB RECLOSED, Z1, R-Y -N , IR-2.341 KA, JY -2.932KA ,26.71 KMS * LOKTAK(NHPC): R-Y-N, Z1, 7.5KMS, IR-3.08 KA, IY-3.07 KA LINE RESTORED AT LOKAK AT 11:52 HRS** 27.04.2024 12:36:12 INDIA (60001776)* During post fault Patrolling carried out from loc no 20 TO 34 on dated* 05.04.2024, the unknown miscreant has cut down a branch of tress in the span of 29 to 29A/0 of* outside corridor which comes in induction zone of Y <-&->Rphase, resulting in Auto reclosure of subject* line. The tress branch has been removed and FIR has been lodged against unknown miscreant. * Photographs <-&-> copy of FIR are attached herewith for references.
CKT	132kV MELRIAT-SIHMUI(MIZORAM)-1	LART	22-04-2024	02:40:00	22-04-2024	02:40:00	0.00	0.00	0.00	0.00	0.00	100.00	* RELAY INDICATION* MELRIAT: RN, Z-1, 3.22KM, 4.28KA* SHIMUHI: AWAITED* 27.04.2024 19:00:13 INDIA (60001776)* The cause of tripping is found to be lightning. 01 No. Disc insulator found broken on R-Ø of Sihmui side Ckt-I' at Loc. No. 05
CKT	132kV MELRIAT-SIHMUI(MIZORAM)-1	OSPT	09-04-2024	09:55:00	09-04-2024	17:47:00	0.33	7.87	0.00	0.00	0.00	98.91	* SD TAKEN FOR DCRM TESTING AT SIHMUI END BY MELRIAT SS
CKT	132kV MELRIAT-SIHMUI(MIZORAM)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132kV MELRIAT-ZEMABAWK(MIZORAM)-1	OSPD	06-04-2024	09:49:00	06-04-2024	16:11:00	0.27	0.00	0.00	0.00	6.37	100.00	* LINE HAND TRIPPED TO FACILITATE BUS SHUT DOWN AT ZEMABAWK (BY STATE)
CKT	132kV MOKOKCHUNG-MOKOKCHUNG(NAGALAND)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132kV MOKOKCHUNG-MOKOKCHUNG(NAGALAND)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132kV NIRJULI-LEKHI(DOP-AP)			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132kV PAVOI(ASSAM)-BISWANATH CHARIALI-1	OSPD	06-04-2024	05:01:00	06-04-2024	08:54:00	0.16	0.00	0.00	0.00	3.88	100.00	* LINE H/T TO FACILITATE 132 KV BUS SHUTDOWN AT PAVOI STATE END
CKT	132kV PAVOI(ASSAM)-BISWANATH CHARIALI-2	OSPD	06-04-2024	05:00:00	06-04-2024	08:55:00	0.16	0.00	0.00	0.00	3.92	100.00	* LINE H/T TO FACILITATE 132 KV BUS SHUTDOWN AT PAVOI STATE END
CKT	132kV ROING-PASIGHAT(DOP-AP)	LART	24-04-2024	00:21:00	24-04-2024	00:21:00	0.00	0.00	0.00	0.00	0.00	100.00	* AUTO RECLOSE SUCCESSFUL* ROING: (SITE) YB-PH, Z1, 59.73KM, Iy-894AMP, Iy-866AMP* (AFAS) M1:Y-B-PH, Z1, 59.85KM, 0.9KA* PASIGHAT:AWAITED* INCREMENT WEATHER CONDITION IN AN AROUND THE AREA AT THE TIME OF A/R* 28.04.2024 10:42:23 INDIA (60001776)* THE OUT SIDE CORRIDOR BAMBOO TREE FALLEN DUE TO THE HEAVY WING AND RAIN IN THE SPAN NO.146-147
CKT	132kV ROING-PASIGHAT(DOP-AP)	LNCC	02-04-2024	21:55:00	02-04-2024	22:57:00	0.04	0.00	0.00	1.03	0.00	100.00	* ROING: (A/R ATTEMPTED BUT ARLO) YB-PH, Z1, 31.35KM,1.12KA* PASIGHAT: YB-PH, Z1, 75.5KM* AT THE SAME TIME 132KV ALONG-PASIGHAT STATE FEEDER TRIPPED.** AT 22:57HRS LINE EXTEND FROM ROING END VIDE CODE-169 BUT YET TO BE SYNCHRONIZED AT PASIGHAT STATE END.* 27.04.2024 11:52:15 INDIA (60001776)* ACTUAL FAULT LOCATION FOUND BETWEEN TOWER LOC NO.234-235.1NK BING TREE BRANCH OF DRY/DEAD TREE FALLEN UP ON CONDUCTOR. THE TREE SITUATED IN OUTSIDE THE CORRIDOR(DISTANCE IS 18.4METERS),AROUND 21:45HRS CYCLONE PASSED OVER THE KANGKONG AREA
CKT	132kV ROING-PASIGHAT(DOP-AP)	LEFT	14-04-2024	14:29:00	14-04-2024	14:59:00	0.02	0.50	0.00	0.00	0.00	100.00	* ROING:Y-N, IN>1 TRIP, IN>1Start(2.438sec),297A B/U PRT OPTD* PASIGHAT: NOT TRIPPED. AT THE SAME TIME. AT THE SAME TIME ALONG PASIGHAT LINE TRIPPED* 07.05.2024 13:22:22 INDIA (60001776)** THE PASIGHAT TL TEAM HAS DONE POST FALUT PATROLLING,IT HAS BEEN OBSERVED THAT SOME SUSPECTED BAMBOO WHICH IS OUT SIDE CORRIDOR FALLEN ON THE CONDUCTOR AND WHICH WAS SHOWN SIGN OF BURN IN THAT BAMBOO AND SAME WAS REMOVED FROM CORRIDOR AND LINE GOT CHARGED
CKT	132kV ROING-PASIGHAT(DOP-AP)	LART	17-04-2024	01:53:00	17-04-2024	01:53:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFUL AT BOTH ENDS= OING: RYB-G, Z-2 , 101.04 KM, 0.89 KA, O/C Operated* 07.05.2024 13:35:40 INDIA (60001776)** THE PASIGHAT TL TEAM HAS DONE POST FALUT PATROLLING,IT HAS BEEN OBSERVED THAT SOME SUSPECTED BAMBOO WHICH IS OUT SIDE CORRIDOR FALLEN ON THE CONDUCTOR AND WHICH WAS SHOWN SIGN OF BURN IN THAT BAMBOO AND SAME WAS REMOVED FROM CORRIDOR IN THE SPAN OF 22-23
CKT	132kV ROING-PASIGHAT(DOP-AP)	OSFD	03-04-2024	00:13:00	03-04-2024	00:40:00	0.02	0.00	0.00	0.00	0.45	99.93	* LINE HAND TRIPPED FROM ROING END VIDE NERLDC CODE-173 AS PASIGHAT STATE END COULD NOT BE ABLE TO SYNCHRONIZE.
CKT	132kV RANGANADI(NEEPCCO)-ZIRO	OMST	25-04-2024	06:11:00	25-04-2024	07:01:00	0.04	0.83	0.00	0.00	0.00	100.00	* TRIPPED AT ZIRO END ONLY* LINE TRIPPED DUE TO FAULT IN 33KV STATE FEEDER* 26.04.2024 13:18:44 INDIA (60051134)* LINE TRIPPED ON Z4 LBB BACK TRIPPED
CKT	132kV RANGANADI(NEEPCCO)-ZIRO	OSFD	11-04-2024	09:07:47	11-04-2024	13:04:00	0.16	0.00	0.00	0.00	3.94	99.88	* For incorporation/testing of check synchronization scheme in Micom P-442 Relay at Ranganadi end
CKT	132kV KUMARGHAT-R C NAGAR(TRIPURA)-1	LART	28-04-2024	16:46:00	28-04-2024	16:46:00	0.00	0.00	0.00	0.00	0.00	100.00	** "AUTO RECLOSE SUCCESSFUL= UMARGHAT : AFAS : CB RECLOSED , M1 - B-G, Z1, 4.8 KA, 10.289 KMS* SITE : M1- CB RECLOSED , - B-G, Z1, 4.93 KA, 10.35 KMS* R C NAGAR : O/C= AULT ANGLE : 61.3 DEGREE= INE RESTORED AT 17:29 HRS FROM R C NAGAR WEATHER CONDITION IN AN AROUND THE AREA NEAR BY LINE** 03.05.2024 09:27:43 INDIA (60001776)** FLASH OVER MARK OBSERVED IN TOP PHASE INSULATOR B PHASE AT TOWER LOCATION NO.306

Standard of Performance data for the Month of Apr-2024

Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., NORTHERN EASTERN REGION

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration	Restoration	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 KUMARGHAT-R C NAGAR(TRIPURA)-1	OSPT	16-04-2024	10:03:00	16-04-2024	14:54:00	0.20	4.85	0.00	0.00	0.00	99.33	* SHUTDOWN TAKEN FOR MODIFICATION OF GAS ZONE TRIPPING.
CKT	132kV ROING-CHAPAKHOWA(AEGCL)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132kV ROING-CHAPAKHOWA(AEGCL)-2	LART	23-04-2024	23:26:00	23-04-2024	23:26:00	0.00	0.00	0.00	0.00	0.00	100.00	* CB RECLOSED AT ROING END* ROING: (SITE) B-N, Z2, 33.7KM, 766AMP* (AFAS) M1: B-N, 25.46KM, 1.15KA; M2: B-N, 1.14KM** INCREMENT WEATHER CONDITION IN AN AROUND THE AREA AT THE TIME OF A/R* 27.04.2024 19:15:06 INDIA (60001776)** ACTUAL FAULT OCCURED AT TOWER LOC BETWEEN 11-12 DUE TO SWINGING OF BAMBOO TOWARDS CKT-II FROM OUT SIDE CORRIDOR(21MTR FROM CENTER OF THE CORRIDOR)
CKT	132kV ROING-TEZU-1	LNCC	23-04-2024	18:53:00	23-04-2024	23:01:00	0.17	0.00	0.00	4.13	0.00	100.00	* ROING: YB-PH, Z1, 45.39KM, 1.27KA* TEZU: 5.93KM, Ir-1.44KA, ly-34.8AMP, lb-107AMP** POST PATROLLING WAS CARRIED OUT AND FOUND THAT ONE TREE BRANCH WIENED WITH CREEPERS BROUGHT BY STORM FROM SOMEWHERE ELSE HANGED ON YB-PH CONDUCTOR IN SPAN NO. 149-150 CAUSING TRIPPING OF THE LINE.** HEAVY RAIN-STORM <-&-> LIGHTNING PREVAILES IN AN AROUND THE AREA AT THE TIME OF TRIPPING.* 27.04.2024 19:05:18 INDIA (60001776)* The Line tripped at 18:53 hrs on 23.04.2024 with Relay Distance Roing: 21, YB-Ph, 45.35 Kms . TLM team started ground* patrolling from Tower 160 to 150 and found that creepers stuck in Y <-&-> Bin between of tower span 149 to 150 which has* been stuck to the conductor during heavy storm by touching. YB-phase conductor.
CKT	132kV ROING-TEZU-1	LNCC	01-04-2024	00:00:01	01-04-2024	00:00:01	0.00	0.00	0.00	0.00	0.00	100.00	* LINE TRIPPED ON PHASE TO PHASE FAULT Y-B-G, Z2, TOR, lb-1.127 kA , ly-838KA, 73.000km,* TEZU: NA= T CHARGING ATT EMPHEAVY RAIN AND LIGHTNING PREVAILES IN AN AROUND THE AREA DURING TRIPPING OF THE LINE.** 03.05.2024 11:20:33 INDIA (60001776)** ACTUAL FAULT AT TOWER LCOATION NO 72(DB+C) COLLAPSED DUE TO CYCLONE
CKT	132kV ROING-TEZU-1	LCSO	01-04-2024	00:00:01	04-04-2024	13:49:00	3.58	0.00	0.00	0.00	85.82	100.00	* LINE TRIPPED ON PHASE TO PHASE FAULT Y-B-G, Z2, TOR, lb-1.127 kA , ly-838KA, 73.000km,* TEZU: NA= T CHARGING ATT EMPHEAVY RAIN AND LIGHTNING PREVAILES IN AN AROUND THE AREA DURING TRIPPING OF THE LINE.
CKT	132kV SILCHAR-BADARPUR-1	LART	28-04-2024	06:08:00	28-04-2024	06:08:00	0.00	0.00	0.00	0.00	0.00	100.00	* SILCHAR: AFAS: M1: B-G, Z1 , 5.8 , 14.703 KMS, 58.9 DEGREE* BADARPUR: AFAS: M2: B-G, Z1 , 6.321 , 4.222 KMS* INCREMENT WEATHER CONDITION IN AND AROUND THE AREA OF SILCHAR AT THE TIME OF TRIPPING** FAULT FOUND ON INSULATOR FLASH OVER AT LOC NO.49(14.26km)
CKT	132kV SILCHAR-BADARPUR-1	LART	25-04-2024	00:16:00	25-04-2024	00:16:00	0.00	0.00	0.00	0.00	0.00	100.00	* AUTO RECLOSE SUCCESSFUL* Relay Indication --* BADARPUR:M1: R-N, 1.837KM, 6.78 KA, Z1* M2:R-N, 1.840 KM, 6.80 KA, Z1* SILCHAR-RN,15.311 KM,5.10KA,Z1* INCREMENT WEATHER CONDITION AT THE TIME OF A/R* 28.04.2024 11:28:04 INDIA (60001776)** INSULATOR FLASH OVER AT LOC NO.58 OF R PHASE
CKT	132kV SILCHAR-BADARPUR-2	LHWT	25-04-2024	00:08:00	25-04-2024	00:25:00	0.01	0.28	0.00	0.00	0.00	99.96	* Relay Indication --* BADARPUR: B-N, 15.368 KM, 2.194 KA, Z1* SILCHAR: B-N, 1.282 KM, 13.925 KA, Z1* INCREMENT WEATHER CONDITION AT THE TIME OF TRIPPING* 28.04.2024 11:18:46 INDIA (60001776)* FLASH OVER MARK ON INSULATOR AT LOC.07
CKT	132kV SILCHAR-HAILAKANDI(ASSAM)-1	OSFT	15-04-2024	16:23:00	15-04-2024	18:38:00	0.09	2.25	0.00	0.00	0.00	100.00	
CKT	132kV SILCHAR-HAILAKANDI(ASSAM)-1	OSFT	30-04-2024	12:01:00	30-04-2024	15:30:00	0.15	3.48	0.00	0.00	0.00	100.00	* FOR JUMPER RECTIFICATION NO AT LOC NO.65
CKT	132kV SILCHAR-HAILAKANDI(ASSAM)-1	LNCC	28-04-2024	04:13:00	28-04-2024	05:07:00	0.04	0.00	0.00	0.90	0.00	99.20	* SILCHAR: (AFAS): M1: RN, 22.97KM, 4.45KA* HAILAKANDI: RN, Z1, 8.8KM* INCREMENT WEATHER CONDITION IN AND AROUND THE AREA OF SILCHAR AT THE TIME OF TRIPPING* 30.04.2024 13:34:21 INDIA (60001776)** FAULT FOUND FLASH OVER MARK ON INSULATOR AT LOCATION NO.79(21.445KM)
CKT	132kV SILCHAR-HAILAKANDI(ASSAM)-2	LNCC	26-04-2024	05:25:00	26-04-2024	06:04:00	0.03	0.00	0.00	0.65	0.00	100.00	* CB RECLOSED AT SILCHAR END* SILCHAR:Y-N, Z1, 1.047KM, 16.996KA* HAILAKANDI: Y-N, Z1, 25.84KM, 847AMP* INCREMENT WEATHER CONDITION IN AN AROUND THE AREA OF SILCHAR AT THE TIME OF TRIPPING* 30.04.2024 14:05:00 INDIA (60001776)* CB RECLOSED AT SILCHAR END* SILCHAR:Y-N, Z1, 1.047KM, 16.996KA* HALAKANDI: Y-N, Z1, 25.84KM, 847AMP* INCREMENT WEATHER CONDITION IN AN AROUND THE AREA OF SILCHAR AT THE TIME OF TRIPPING** FAULT FOUND FLAH OVER MARK ON INSULATOR AT LOC NO.05(0.749KM)
CKT	132kV SILCHAR-HAILAKANDI(ASSAM)-2	LART	01-04-2024	22:15:00	01-04-2024	22:15:00	0.00	0.00	0.00	0.00	0.00	100.00	* AR SUCCESSFUL AT BOTH ENDS* SILCHAR: Y-N, Z1,28KM, 3.51KA* HAILAKANDI: Y-N, Z1, 1.71KM* INCREMENT WEATHER CONDITION AT THE TIME OF A/R OF THE LINE.* 27.04.2024 11:34:30 INDIA (60001776)* Patrolling carried out from loc.100 to 109 fault found(flashover mark on insulator ) at loc.* 103(28.945 km).It is to mention that heavy lightning and thunderstorm was prevailing at th time of fault* dated 01/04/2024.
CKT	132kV SILCHAR-SRIKONA(ASSAM)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132kV SILCHAR-SRIKONA(ASSAM)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132kV TEZU-NAMSAI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132kV RC NAGR(NEEPCO)-AGARTLA(TRIPURA)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132kV RC NAGR(NEEPCO)-AGARTLA(TRIPURA)-2	OSFT	29-04-2024	14:39:00	29-04-2024	16:38:00	0.08	1.98	0.00	0.00	0.00	99.72	* ESD FOR CT TERMINAL HOT SPOT ATTENDING WORK AT AGRATALLA
CKT	220kV BALIPARA-SONABIL(ASSAM)	OSPT	29-04-2024	07:36:00	29-04-2024	17:10:00	0.40	9.57	0.00	0.00	0.00	100.00	* LINE H/T FOR JUMPER TIGHTENING WORK BY BALIPARA TLM
CKT	220kV BALIPARA-SONABIL(ASSAM)	OSPT	27-04-2024	07:38:00	27-04-2024	16:28:00	0.37	8.83	0.00	0.00	0.00	100.00	* LINE H/T FOR JUMPER TIGHTENING WORK BY BALIPARA TLM
CKT	220kV BALIPARA-SONABIL(ASSAM)	OSPT	28-04-2024	07:57:00	28-04-2024	16:31:00	0.36	8.57	0.00	0.00	0.00	100.00	* LINE H/T FOR JUMPER TIGHTENING WORK BY BALIPARA TLM
CKT	220kV BALIPARA-SONABIL(ASSAM)-2	OSPT	20-04-2024	08:40:00	20-04-2024	16:49:00	0.34	8.15	0.00	0.00	0.00	100.00	** SHUTDOWN TAKEN FOR JUMPER TIGHTENING WORKS IN THE ENTIRE LINE <-&-> ARMOURING OF CONDUCTOR AT CRITICAL POINTS
CKT	220kV BALIPARA-SONABIL(ASSAM)-2	OSPT	21-04-2024	08:51:00	21-04-2024	15:59:00	0.30	7.13	0.00	0.00	0.00	100.00	** SHUTDOWN TAKEN FOR JUMPER TIGHTENING WORKS IN THE ENTIRE LINE <-&-> ARMOURING OF CONDUCTOR AT CRITICAL POINTS
CKT	220kV BALIPARA-SONABIL(ASSAM)-2	OSPT	18-04-2024	08:59:00	18-04-2024	16:52:00	0.33	7.88	0.00	0.00	0.00	100.00	* SHUTDOWN TAKEN FOR JUMPER TIGHTENING WORKS IN THE ENTIRE LINE <-&-> ARMOURING OF CONDUCTOR AT CRITICAL POINTS
							0.97	23.16	0.00	0.00	0.00	96.78	



Standard of Performance data for the Month of Apr-2024

Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., NORTHERN EASTERN REGION

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration	Restoration	Total Outage in Days	OUTAGE ATTRIBUTABLE TO 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	220kV BONGAIGAON-SALAKATI-1	OSPT	24-04-2024	09:59:00	24-04-2024	23:35:00	0.57	13.60	0.00	0.00	0.00	98.11	* SHUTDOWN TAKEN BY FOR AMP WORK AT SALAKATI END* 25.04.2024 18:31:24 INDIA (60001776)* Shutdown of 220 KV Bongaigaon-I line has been taken for AMP works of bay equipment at Salakati S/S on 24.04.2024 at 09:59 hrs. During testing of CB timing and DCRM, the CB (Make: ABB pneumatic type, year of Manufacture:1993) is inadvertently stuck due to failure of air compressor and auxiliary NC contact of Y-pole of CB in PD-1 relay circuit. It took a time to identify the cause of the CB stuck and to replace the air compressor and auxiliary NC contact, as resulting we are not being to returned the shutdown in mean time. CB has been restored and Bongaigaon-I line has been charged at 23:35 hrs on 24.04.2024.
CKT	220kV BONGAIGAON-SALAKATI-2	OSPT	26-04-2024	10:22:00	26-04-2024	16:15:00	0.25	5.88	0.00	0.00	0.00	99.18	* SHUTDOWN AVAILED FOR AMP WORKS
CKT	220kV MISA-DIMAPUR-1	LNCC	24-04-2024	13:20:00	24-04-2024	14:01:00	0.03	0.00	0.00	0.68	0.00	100.00	* MISA: AFASM1 B-N, 92.5KM, 1.93KA, Z1* DIMAPUR:AFASM2 B-N, 19.4KM, 3.75KA* M2-B-G, 20.04KM, 2.46KA, Z1* HEAVY RAIN-STORM <(>&<)> LIGHTNING PREVAILES IN AN AROUND THE AREA AT THE TIME OF TRIPPING.* 03.05.2024 10:13:24 INDIA (60001776)** The Patrolling team found the suspected spot of B-phase fault for Ckt-1 side at Tower* Loc* No 335* Fresh flashover mark was found on insulator string of B-phase conductor and insulator cross* arm side tower part at Loc. 335.Patrolling carried out from Loc.305 to 340 from Dt. 24.04.2024 to 27.04.2024.* There was severe lightning and rainfall during the time of the fault.* The findings of the post fault patrolling corresponds to the readings shown by the relay.
CKT	220kV MISA-DIMAPUR-2			00:00:00		00:00:00	0.03	0.00	0.00	0.68	0.00	100.00	
CKT	220kV MISA-KOPILI(NEEPCO)-1	OSFD	11-04-2024	10:59:00	11-04-2024	14:55:00	0.16	0.00	0.00	0.00	3.93	100.00	* SD TAKEN BY NEEPCO FOR BUS SD AT KOPILI STATION
CKT	220kV MISA-KOPILI(NEEPCO)-1	OSPD	12-04-2024	08:21:00	12-04-2024	11:06:00	0.12	0.00	0.00	0.00	2.75	100.00	* SHUTDOWN AVAILED BY NEEPCO FOR TESTING OF THE AR FUNCTIONALITY
CKT	220kV MISA-KOPILI(NEEPCO)-2	OSFT	28-04-2024	07:03:00	28-04-2024	09:17:00	0.09	2.23	0.00	0.00	0.00	100.00	* EMERGENCY SHUTDOWN TAKEN FOR BROKEN OPGW WIRE BETWEEN SPAN 107 AND LI 1
CKT	220kV MISA-KOPILI(NEEPCO)-2	OMSU	28-04-2024	09:17:00	28-04-2024	10:10:00	0.04	0.00	0.88	0.00	0.00	100.00	* EMERGENCY SHUTDOWN TAKEN BY KOPILI(NEEPCO) FOR ATTENDING EARTH SWITCH OPERATION ISSUE AT KOPILI END* NOTE: LINE WAS UNDER ESD VIDE CODE 2071 TAKEN BY MISA TILL 09:17HRS.
CKT	220kV MISA-KOPILI(NEEPCO)-2	LNCC	27-04-2024	23:35:00	28-04-2024	00:22:00	0.03	0.00	0.00	0.78	0.00	100.00	* MISA: (SITE) M1- R-G, Z1, 1.3 KMS, 14.27 KA / M2- R-G, Z1, 1.306 KMS, 12.43 KA* KOPILI: NOT TRIPPED* INCLEMENT WEATHER CONDITION IN AND AROUND THE AREA OF MISA AT THE TIME OF TRIPPING* 28.04.2024 12:02:13 INDIA (60001776)** After tripping at 23:35 hrs, charging attempt taken and line charged at 00:22 HRS/ 28.04.24. It was* raining with huge thundering/storm at that time. *Weather report is attached.* Nil* Post fault Patrolling done on 27.04.2024 <(>&<)> 28.04.2024. Cause of tripping found between tower no LI* 01 <(>&<)> 108. OPGW( eathwire) snapped and it was falling down between tower no. 108 and LI 01. After* snapping, one end of the broken OPGW/earthwire was found hanging over the bottom conductor of 132 KV Samaguri- Sankarnagar TL of AEGCL ( This line is parallel to the 220 KV Misa Kopili TL Ckt-1* <(>&<)> II). Emergency shutdown of 220 KV Misa Kopili TL CKT-II has been taken and dismantling work of* the broken earthwire carried out. SD returned at 09:03 hrs.Line charged at 10:12 hrs.
CKT	220kV MISA-KOPILI(NEEPCO)-2	SCSD	18-04-2024	09:08:00	18-04-2024	18:17:00	0.38	0.00	0.00	0.00	9.15	100.00	* SHUTDOWN TAKEN FOR ALIGNMENT OF 213-99AE AND BE EARTH SWICTHES (CONTACTS AND MOM BOXES, INTERLOCK CHECKING) UNDER ADD CAP WORKS
CKT	220kV MISA-KOPILI(NEEPCO)-2	OSFD	11-04-2024	11:03:00	11-04-2024	14:59:00	0.16	0.00	0.00	0.00	3.93	100.00	* SD TAKEN BY NEEPCO FOR BUS SD AT KOPILI
CKT	220kV MISA-KOPILI(NEEPCO)-2	OSPD	12-04-2024	11:09:00	12-04-2024	11:53:00	0.03	0.00	0.00	0.00	0.73	100.00	* SHUTDOWN AVAILED BY NEEPCO FOR TESTING OF THE AR FUNCTIONALITY
CKT	220kV MISA-KOPILI(NEEPCO)-3	OSFD	11-04-2024	11:06:00	11-04-2024	15:01:00	0.16	0.00	0.00	0.00	3.92	100.00	* SD TAKEN BY NEEPCO FOR BUS SD AT KOPILI
CKT	220kV MISA-KOPILI(NEEPCO)-3	OSPD	12-04-2024	11:56:00	12-04-2024	12:25:00	0.02	0.00	0.00	0.00	0.48	100.00	* SHUTDOWN AVAILED BY NEEPCO FOR TESTING OF THE AR FUNCTIONALITY
CKT	220kV-NMRNI-MARIA-ACL-C1			00:00:00		00:00:00	0.18	0.00	0.00	0.00	4.40	100.00	
CKT	220kV MARIANI-MOKOKCHUNG-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV MARIANI-MOKOKCHUNG-2	LART	21-04-2024	05:47:00	21-04-2024	05:47:00	0.00	0.00	0.00	0.00	0.00	100.00	* AUTO RE-CLOSE SUCCESSFUL AT BOTH END* MARIANI: M1-R-G, 64.969KM, Z-1, 3.72KA, M2-R-G, 18.89KM, Z-1, 5.52KA* MOKOKCHUNG: SITE: M1: RN, Z1, 24.59KM, M2: RN, 32.21KM* 21.04.2024 10:59:48 INDIA (60001776)* AUTO RE-CLOSE SUCCESSFUL AT BOTH END* MARIANI:AFAS M1:R-N,13.79KA, 3.752KM, 64.9deg, M2:R-G, 13.53KA, 3.86KM=, 64.9DEG* MOKOKCHUNG: SITE: M1: RN, Z1, 24.59KM, M2: RN, 32.21KM* 27.04.2024 18:19:34 INDIA (60001776)* UPON PATROLLING FLASH OVER MARK FOUND ON INSULATOR AT LOC NO.16 R PHASE TOWARDS MOKOKCHUNG
CKT	220kV MARIANI-MOKOKCHUNG-2	LART	17-04-2024	05:11:00	17-04-2024	05:11:00	0.00	0.00	0.00	0.00	0.00	100.00	* A/R SUCCESSFUL AT BOTH ENDS= ARIANI: M1-R-G, 18.56KM, Z-1, 5.58KA* M2-R-G, 18.89KM, Z-1, 5.52KA* MOKOKCHUNG:M1-R-G, 21.07KM, Z-1, 1.647 KA* M2-R-G, 19.60KM, Z-1, 1.641KA* 27.04.2024 17:04:18 INDIA (60001776)* Upon post fault patrolling flash over mark found at loc 66 R Phase insulator towards mariani
CKT	220kV SALAKATI-BTPS(NTPC)-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV SALAKATI-BTPS(NTPC)-2			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV SAMAGURI(ASSAM)-MISA-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	220kV SAMAGURI(ASSAM)-MISA-2	SCSD	01-04-2024	00:00:01	06-04-2024	18:13:00	5.76	0.00	0.00	0.00	138.22	99.42	* FOR RETROFITTING OF ISOLATORS IN SAMAGURI 2 AND BUS-COUPLER BAY.
CKT	220kV SAMAGURI(ASSAM)-MISA-2	OSFT	13-04-2024	09:24:00	13-04-2024	13:33:00	0.17	4.15	0.00	0.00	0.00	100.00	* REPLACEMENT OF POLE DISCREPANCY RELAY AT SAMGURI END
CKT	400kV BALIPARA-BISWANATH CHARIALI-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BALIPARA-BISWANATH CHARIALI-2	OSPT	06-04-2024	09:11:00	06-04-2024	17:29:00	0.35	8.30	0.00	0.00	0.00	98.85	* SD TAKEN FOR B-PH CVT REPLACEMENT AT BNC.
CKT	400kV BALIPARA-BISWANATH CHARIALI-3			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BALIPARA-BISWANATH CHARIALI-4			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BALIPARA-BONGAIGAON-1			00:00:00		00:00:00	0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BALIPARA-BONGAIGAON-2	OSFT	27-04-2024	10:24:00	27-04-2024	18:10:00	0.32	7.77	0.00	0.00	0.00	98.92	* ESD TAKEN FOR REPLACEMENT OF B-PH LA AT BONGAIGAON DUE TO VIOLATION IN THRC VALUE.

Standard of Performance data for the Month of Apr-2024

Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., NORTHERN EASTERN REGION

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration	Restoration	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 BALIPARA-BONGAIGAON-3	LART	16-04-2024	06:53:00	16-04-2024	06:53:00	0.00	0.00	0.00	0.00	0.00		* A/R SUCCESSFUL AT BOTH ENDS* BALIPARA(SITE): M1:B-N, Z-2(Aided), 224.6KM, 1.12 KA; M2:B-N, Z-2(Aided), 235.49KM, 1.1KA;** BONGAIGAON(AFAS): M2:B-N, Z1, 40.389KM, 6.984KA;* 27.04.2024 16:45:12 INDIA (60001776)* POST FAULT PATROLLING WAS CARRIED OUT FROM 700 TO 715. BFAULT FOUND AT TOWER LOC NO.705 AT B/TOP FLASH OVER MARK FOUND AT JUMPER CONDUCTOR.
CKT	400kV BALIPARA-BONGAIGAON-3	LART	16-04-2024	04:35:00	16-04-2024	04:35:00	0.00	0.00	0.00	0.00	0.00		* A/R SUCCESSFUL AT BOTH ENDS* BALIPARA(SITE): M1:B-N, Z-2(Aided), 224.6KM, 1.12 KA; M2:B-N, Z-2(Aided), 235.49KM, 1.1KA;** BONGAIGAON(AFAS): M2:B-N, Z1, 40.389KM, 6.984KA;* 27.04.2024 16:41:23 INDIA (60001776)* Post fault patrolling was carried out from loc 715 to 730 and fault found at Tower Location no.725 at B/Top phase flash over mark found at Jumper conductor.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV BALIPARA-BONGAIGAON-4	LART	09-04-2024	12:44:00	09-04-2024	12:44:00	0.00	0.00	0.00	0.00	0.00		* A/R SUCCESSFUL AT BOTH END** BALIPARA(AFAS): M1:YN, Z1, 157.67KM, 1.929KA; M2:YN, Z1, 159.59KM, 1.913KA;* BALIPARA(SITE): M1:YN, Z1, 136.1KM, 1.897KA; M2:YN, Z1, 143.79KM, 1.682KA;* BONGAIGAON(AFAS): M2:YN, Z1, 135.617KM, 3.109KA;* BONGAIGAON(SITE): M1:YN, Z1, 121.8KM, 2.716KA; M2:YN, Z1, 122.4KM, 2.6KA;* 27.04.2024 16:16:33 INDIA (60001776)* DURING POST FAULT PATROLLING OF CKT-IV TRIPPING SPOT OBSERVED AT TOWER LOC 511.WHERE ONE NUMBER INSULATOR IN MIDDLE PHASE(BLP SIDE) FOUND DAMAGED DUE TO IMPACT OF FLASH OVER CAUSING A/R
CKT	400kV BALIPARA-BONGAIGAON-4	LCSD	13-04-2024	08:21:00	13-04-2024	17:32:00	0.38	0.00	0.00	0.00	9.18		* REPLACEMENT OF PORCELAIN INSULATOR STRING TO LONG ROD POLYMER INSULATOR AT LOCATION NO 346 AT Y-PH BY RANGIA TLM
							0.38	0.00	0.00	0.00	9.18	100.00	
CKT	400kV BALIPARA-KAMENG(NEEPCO)-1	OSFD	09-04-2024	10:13:00	09-04-2024	15:19:00	0.21	0.00	0.00	0.00	5.10		* ESD(EMERGENCY SHUTDOWN) TAKEN BY KAMENG(NEEPCO) END
							0.21	0.00	0.00	0.00	5.10	100.00	
CKT	400kV BALIPARA-KAMENG(NEEPCO)-2	OSFD	09-04-2024	10:13:00	09-04-2024	15:25:00	0.22	0.00	0.00	0.00	5.20		* ESD(EMERGENCY SHUTDOWN) TAKEN BY KAMENG(NEEPCO) END
							0.22	0.00	0.00	0.00	5.20	100.00	
CKT	400kV BONGAIGAON-BTPS(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 BONGAIGAON-BTPS(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	220kV MARIANI-KATHALGURI(ASSAM)-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-KATHALGURI-MARIANI-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 New Mariani - Misa 1	OSPT	30-04-2024	09:31:00	30-04-2024	18:23:00	0.37	8.87	0.00	0.00	0.00		* FOR THE WORK OF MODIFICATION IN GAS ZONE TRIPPING AT MISA SS.
							0.37	8.87	0.00	0.00	0.00	98.77	
CKT	400kV New Mariani - Misa 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 MISA-BALIPARA-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 MISA-BALIPARA-2	LART	26-04-2024	19:00:00	26-04-2024	19:00:00	0.00	0.00	0.00	0.00	0.00		* AUTO-RECLOSED SUCCESSFUL AT BOTH ENDS* BALIPARA: AFAS: M1: BN, 43.4KM, 9.67KA, M2: BN, 29.8KM, 9.55KA* MISA: AFAS: M2: BN, 54.32KM, 5.16KA* 07.05.2024 19:33:20 INDIA (60001776)** TOWER GROUND PATROLLING WAS CARRIED OUT IN THE SECTION 100-190 AND TOWER TOP PATROLLING DONE IN SECTION 100-157 FOR THE ABOVE LINE UNDER BALIPARA-TLM JURIDISICATION. THE VILLAGERS REPORTED THAT HEAVY LIGHTNING WITH THUNDER STORM WAS PREVELLED IN THIS AREA AS ON 26.04.2024 AND IT HAS BEEN OBSERVED THAT FLASH OVER MARK ON 4NOS INSULATORS ON TOP PHASE ( B PHSE) AT LOC NO.152 AND LINE GOT AUTO RECLOSED.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	400kV PALATANA(TSECL)-SM.NAGAR(TSECL)-1	OMSU	04-04-2024	09:05:00	04-04-2024	13:01:00	0.16	0.00	3.93	0.00	0.00		* SHUTDOWN TAKEN BY AGARTALA TLM FOR INFRINGEMENT CLEARING* SHUTDOWN RETURNED AT 09:05 HR BUT DUE TO PROBLEM AT PALATANA END LINE COULD NOT BE RESTORED
CKT	400kV PALATANA(TSECL)-SM.NAGAR(TSECL)-1	OSFT	04-04-2024	06:09:00	04-04-2024	09:05:00	0.12	2.93	0.00	0.00	0.00		* SHUTDOWN TAKEN BY AGARTALA TLM FOR INFRINGEMENT CLEARING
							0.28	2.93	3.93	0.00	0.00	99.59	
CKT	400kV PALATANA(TSECL)-SM.NAGAR(TSECL)-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 RANGANADI(NEEPCO)-B'CHARIALI-1	OSPD	15-04-2024	09:01:00	15-04-2024	13:55:00	0.20	0.00	0.00	0.00	4.90		* LINES HAND TRIPPED TO FACILITATE BUS SHUTDOWN AT RANGANADI END AVAILED BY NEEPCO
CKT	400kV RANGANADI(NEEPCO)-B'CHARIALI-1	OSPD	12-04-2024	08:42:00	12-04-2024	13:23:00	0.20	0.00	0.00	0.00	4.68		* SHUTDOWN AVAILED BY RANGANADI FOR JUMPERING OF CONDUCTORS OF BOTH THE BUS-A (<-&->-) BUS-B WITH EXISTING 400KV SWITCHYARD AND FOR CONDUCTING STABILITY TEST I.E BUS-BAR PROTECTION CHECK.
							0.40	0.00	0.00	0.00	9.58	100.00	
CKT	400kV RANGANADI(NEEPCO)-B'CHARIALI-2	OSPD	15-04-2024	09:01:00	15-04-2024	13:59:00	0.21	0.00	0.00	0.00	4.97		* LINES HAND TRIPPED TO FACILITATE BUS SHUTDOWN AT RANGANADI END AVAILED BY NEEPCO
CKT	400kV RANGANADI(NEEPCO)-B'CHARIALI-2	OSPD	12-04-2024	08:42:00	12-04-2024	13:24:00	0.20	0.00	0.00	0.00	4.70		* SHUTDOWN AVAILED BY RANGANADI FOR JUMPERING OF CONDUCTORS OF BOTH THE BUS-A (<-&->-) BUS-B WITH EXISTING 400KV SWITCHYARD AND FOR CONDUCTING STABILITY TEST I.E BUS-BAR PROTECTION CHECK.
							0.41	0.00	0.00	0.00	9.67	100.00	
CKT	400KV-SILCHAR-IMPHAL-1	LCSD	01-04-2024	12:09:00	01-04-2024	17:58:00	0.24	0.00	0.00	0.00	5.82		** SHUTDOWN TAKEN FOR REPLACEMENT OF CONVENTIONAL PORCELAIN INSULATORS BY COMPOSITE LONG ROD POLYMER INSULATORS AT POWER/RAILWAY/RIVER/SH/NH CROSSING LOCATIONS AND INSTALLATION
CKT	400KV-SILCHAR-IMPHAL-1	LCSD	02-04-2024	08:22:00	02-04-2024	17:53:00	0.40	0.00	0.00	0.00	9.52		* SHUTDOWN TAKEN FOR REPLACEMENT OF CONVENTIONAL PORCELAIN INSULATORS BY COMPOSITE LONG ROD POLYMER INSULATORS AT POWER/RAILWAY/RIVER/SH/NH CROSSING LOCATIONS AND INSTALLATION
CKT	400KV-SILCHAR-IMPHAL-1	LCSD	03-04-2024	08:35:00	03-04-2024	17:55:00	0.39	0.00	0.00	0.00	9.33		* SHUTDOWN TAKEN FOR REPLACEMENT OF CONVENTIONAL PORCELAIN INSULATORS BY COMPOSITE LONG ROD POLYMER INSULATORS AT POWER/RAILWAY/RIVER/SH/NH CROSSING LOCATIONS AND INSTALLATION
CKT	400KV-SILCHAR-IMPHAL-1	LCSD	04-04-2024	08:27:00	04-04-2024	19:43:00	0.47	0.00	0.00	0.00	11.27		* SHUTDOWN TAKEN FOR REPLACEMENT OF CONVENTIONAL PORCELAIN INSULATORS BY COMPOSITE LONG ROD POLYMER INSULATORS AT POWER/RAILWAY/RIVER/SH/NH CROSSING LOCATIONS AND INSTALLATION
							1.50	0.00	0.00	0.00	35.94	100.00	
CKT	400kV SILCHAR-IMPHAL-2	LCSD	19-04-2024	14:10:00	30-04-2024	23:59:59	11.41	0.00	0.00	0.00	273.83		* E/S/D TAKEN BY IMPHAL TLM* 19.04.2024 19:27:14 INDIA (60051135)* DUE TO MISCREANTS' SABOTAGE AT TOWER LOCATION 421.TOWER BASE STRUCTURE DAMAGED AND ONE PHASE CONDUCTOR DAMAGED.

Standard of Performance data for the Month of Apr-2024

Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., NORTHERN EASTERN REGION

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration	Restoration	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 SILCHAR-IMPHAL-2	LMAC	17-04-2024	10:54:00	17-04-2024	11:21:00	0.02	0.00	0.00	0.45	0.00		* SILCHAR, AFAS, M1, R-N, 168KM, 2.41KAM2, R-N, 2.4KA, 168KM, AFAS, DOUBLE END, DISTANCE, 128KM* SITE, M1, R-N, Z-2, CARRIER AIDED, 166.3KM, 1.47KA, M2, R-N, Z-2, CARRIER AIDED, 213.6KM, 1.45KA SILCHAR TWFL: 149.33KM* IMPHAL, AFAS, M1, R-N, 3.22KA, 39.32KM, AFAS, DOUBLE END, DISTANCE 39.81KM* IMPHAL TWFL: 24.67 KM* 27.04.2024 17:16:19 INDIA (60001776)* During the recent tripping of 400 KV Silchar Imphal Ckt # 2 on dated 17.04.2024 @ 10.54 Hrs. of R Phase to Ground Fault, post fault patrolling was carried out on dated 18.04.2024 <(>&-<) 19.04.2024 and it was observed that the unknown miscreant had damaged to Loc No. 421(DC+3) of subject line by highly explosive material. Due to this, C <(>&-<) D legs of subject tower is completely damaged and dislocated on ground (Photograph of subject location are attached herewith). subsequently, one of the conductor of Top phase (Ckt #2) got damaged.** The Information of the subject incident is being shared with state administration and FIR is going to be lodge accordingly.** The restoration plan of the subject location shall be intimated after exploring various possibility.
CKT	400kV SILCHAR-IMPHAL-2	LNCC	07-04-2024	02:53:00	07-04-2024	03:30:00	0.03	0.00	0.00	0.62	0.00		* TRIPPED IN RECLAIM TIME* SILCHAR: (AFAS): M1- Y-G, Z-1, 122.869KM, 2.43KA; M2: Y-G, Z-1, 122.27KM, 2.43KA** IMPHAL: (AFAS): M1- Y-G, Z-1, 132.219KM, 1.70KA; M2: Y-G, Z-1, 127.19 KM, 1.7KA* HEAVY RAIN AND LIGHTNING PREVAILS IN AN AROUND THE AREA DURING TRIPPING OF THE LINE.* 27.04.2024 13:01:44 INDIA (60001776)* A FLASH OVER MARK IS FOUND AT INSULATOR AT Y PHASE(BOTTOM) TOWARDS SILCHAR SIDE AT LOCATION NO.263 OF THE TRANSMISSION LINE
CKT	400kV SILCHAR-IMPHAL-2	LCSO	09-04-2024	08:33:00	09-04-2024	20:49:00	0.51	0.00	0.00	0.00	12.27		* SD TAKEN FOR REPLACEMENT OF CONVENTIONAL PORCELAIN INSULATORS BY COMPOSITE LONG ROD POLYMER INSULATORS
CKT	400kV SILCHAR-IMPHAL-2	LCSO	06-04-2024	09:00:00	06-04-2024	18:45:00	0.41	0.00	0.00	0.00	9.75		* SD TAKEN FOR REPLACEMENT OF CONVENTIONAL PORCELAIN INSULATORS BY COMPOSITE LONG ROD POLYMER INSULATORS
CKT	400kV SILCHAR-IMPHAL-2	LCSO	08-04-2024	08:01:00	08-04-2024	18:10:00	0.42	0.00	0.00	0.00	10.15		* SD TAKEN FOR REPLACEMENT OF CONVENTIONAL PORCELAIN INSULATORS BY COMPOSITE LONG ROD POLYMER INSULATORS
CKT	400kV SILCHAR-IMPHAL-2	LNCC	04-04-2024	20:52:00	04-04-2024	22:47:00	0.08	0.00	0.00	1.92	0.00		* LINE TRIPPED AT BOTH ENDS Indication -> SILCHAR: (AFAS): M1- R-G, Z1, 4.110KA, 68.152.579km, /M2- R-G, Z1, 4.103KA, 51.579km, * Imphal: (AFAS): M1- R-G, Z1, 2.190KA, 102.762km, / M2- R-G, Z1, 2.186KA, 102.944km, INCREMENT WEATHER CONDITION AT THE TIME OF TRIPPING.** 04.05.2024 11:55:01 INDIA (60001776)** PATROLLING CARRIED OUT BY DGM JIRIBAM, FAULT FOUND FLASH OVER MARK ON PILOT INSULATORFITTING AT LOC NO.177(58.360KM). IT IS TO MENTION THAT HEAVY LIGHTNING AND THUNDER STROM WAS PREVAILLING AT THE TIME FAULT.
CKT	400kV SILCHAR-IMPHAL-2	LCSO	07-04-2024	08:43:00	07-04-2024	17:44:00	0.38	0.00	0.00	0.00	9.02		* SD TAKEN FOR REPLACEMENT OF CONVENTIONAL PORCELAIN INSULATORS BY COMPOSITE LONG ROD POLYMER INSULATORS
							13.26	0.00	0.00	2.99	315.02	100.00	
CKT	132kV SILCHAR-MELRIAT-1	LART	22-04-2024	01:15:00	22-04-2024	01:15:00	0.00	0.00	0.00	0.00	0.00		* AUTO RECLOSE SUCCESSFUL* RELAY INDICATION* SILCHAR (AFAS)M1: RN, 77.13KM, 1.78KA* (AFAS): OVER CURRENT RELAY OPTD* MELRIAT (AFAS): RN, 1.48KA, * 27.04.2024 18:34:58 INDIA (60001776)* The cause of tripping is found to be lightning. Flashover mark found on R-Ø 8" th Disc insulator from cross-arm (outer string) towards Melriat at Loc. No. 255 Ckt-I.
CKT	132kV SILCHAR-MELRIAT-1	LART	22-04-2024	02:41:00	22-04-2024	02:41:00	0.00	0.00	0.00	0.00	0.00		* AUTO RECLOSE SUCCESSFUL* RELAY INDICATION* SILCHAR (AFAS)M1: RN, 142.60KM (100%), 1.22KA* (AFAS)M2: OVER CURRENT RELAY OPTD* MELRIAT :AWAITED* 27.04.2024 18:45:07 INDIA (60001776)* The cause of tripping is found to be lightning. 01 No. Disc insulator found broken on R-Ø of Sihmui side Ckt-I at Loc. No. 05
CKT	132kV SILCHAR-MELRIAT-1	LART	01-04-2024	04:25:00	01-04-2024	04:25:00	0.00	0.00	0.00	0.00	0.00		* /AR SUCCESSFUL AT BOTTH END CB Reclosed - Z1, R-G, 16.098 KA, 0.935KM* MELRIAT:CB Reclosed - Z2, R-G, 316A, 112.77KM* 27.04.2024 11:02:57 INDIA (60001776)* -Patrolling carried out from loc.1, to 7 fault found(flashover mark on insulator and arcing horn) at loc. 7(1.2 km).It is to mention that heavy lightning and thunderstorm was prevailing at the time of fault dated 01/04/2024.
							0.00	0.00	0.00	0.00	0.00	100.00	
CKT	132kV SILCHAR-MELRIAT-2	LART	22-04-2024	02:40:00	22-04-2024	02:40:00	0.00	0.00	0.00	0.00	0.00		* AUTO RECLOSE SUCCESSFUL* RELAY INDICATION* SILCHAR (AFAS)M1: BR, 142.60 KM(100%), 1.22KA* MELRIAT :AWAITED* 27.04.2024 18:42:25 INDIA (60001776)* The cause of tripping is found to be lightning. Flashover mark found on R-Ø 1st Disc insulator (outer string) from cross-arm towards Melriat side at Loc. No. 432 Ckt-II.
CKT	132kV SILCHAR-MELRIAT-2	LART	17-04-2024	09:29:00	17-04-2024	09:29:00	0.00	0.00	0.00	0.00	0.00		** SILCHAR SITE: RN, 45.18KM, 2.516KA* MELRIAT SITE: RN, 1.02KA, 79.89KM* 27.04.2024 17:07:18 INDIA (60001776)* The cause of tripping is found to be lightning. Flashover mark found on R-Ph 1st Disc insulator (inner string)* from cross-arm towards Melriat side at Loc. No. 204 Ckt-II
CKT	132kV SILCHAR-MELRIAT-2	LHWT	01-04-2024	01:53:00	01-04-2024	02:28:00	0.02	0.58	0.00	0.00	0.00		* LINE TRIPPED ON B PHASE FAULT= RIAT: R-G, 2.05 KA, LOC - NA* SILCHAR: R-G, 2.5 KA, 112.952KMS, ** 27.04.2024 11:09:09 INDIA (60001776)* The cause of tripping is found to be lightning. Flashover mark found on R-Ph CC Ring inner string of Melriat* side Ckt-II at Loc. No. 347* Due to mistrust in regards to earthing of Loc. No. 347, Leg-A-<(>&-<)B* were checked by excavating the earth and found that the C/P earthing* were kept coiled nearby the leg at a depth of around 1.5 ft. The same is* kept to rectify for an immediate action.* 03.05.2024 11:25:28 INDIA (60001776)* The cause of tripping is found to be lightning. Flashover mark found on R-Ph CC Ring inner string of Melriat* side Ckt-II at Loc. No. 347.
							0.02	0.58	0.00	0.00	0.00	99.92	
CKT	400kV SILCHAR-P K BARI(STERLITE)-1	LCSO	04-04-2024	04:00:00	05-04-2024	13:32:00	1.40	0.00	0.00	0.00	33.53		* Post fault patrolling has been carried on dated 04.04.2024 based on Fault distance: 39.946KM as per Silchar end AFAS details.* Actual fault found at Tower location no-123 (DB+0) at a distance 44.536 KM from Silchar end at B Phase. During Tower Patrolling at Fault* Tower location 123 (DB+0), Due to decapping of insulators, snapping of twin conductors from tower to ground. Flash over mark observed* on B Phase insulator disc which is found in broken condition on ground. At the time of tripping, it was heavy raining with thunder storm* confirmed by local villagers. It seems that, due to heavy thundering in this location insulators got blast along with metallic part broken* into pieces and finally decapping of insulators from top phase i.e B phase of tower, which is resisting permanent fault. After that, with* the help of local contractor and our fitters from Badapur <(>&-<) Silchar TLM, restoration work has been successfully completed and line is* restored on dated 05.04.2024 at 13:32 Hrs.
CKT	400kV SILCHAR-P K BARI(STERLITE)-1	LART	30-04-2024	22:47:00	30-04-2024	22:47:00	0.00	0.00	0.00	0.00	0.00		* Relay Indication -> SILCHAR: (AFAS): M1: Y-N, Z-1, 35.283KM, 4.82KA; M2: Y-N, Z-1, 35.719KM, 4.78KA* (SITE): M1: Y-N, Z-1, 34.27KM, 3.9KA; M2: Y-N, Z-1, 35.3 KM, 3.4KA* PKNCH (P K BARI): M1:R-N, Z-1, 101.52 KM; M2: R-N, Z-1, 103.3KM; TWFL DISTANCE= 39.13 KM FROM SILCHAR END* TWFL DISTANCE= 101.87 FROM PK BARI END* FAULT ANGLE=84.06 DEGREE* 08.05.2024 11:00:32 INDIA (60001776)** Post fault patrolling has been carried on dated 01.05.2024 based on Fault distance: 35.283KM as per Silchar end AFAS details.* Actual fault found at Tower location no-95 (DC+0) at a distance 33.736 KM from Silchar end at Y Phase. During Tower Patrolling at Fault* Tower location 95 (DC+0), Flash over mark observed on Y Phase insulator disc. At the time of tripping, it was heavy raining with thunder* storm confirmed by local villagers. It seems that, due to heavy thundering <(>&-<) lightning significant marks were observed on insulators in* Y phase of Ckt 1.
CKT	400kV SILCHAR-P K BARI(STERLITE)-1	LNCC	28-04-2024	16:44:00	28-04-2024	17:45:00	0.04	0.00	0.00	1.02	0.00		* LINE TRIPPED ON RECLAIM TIME => ILCHAR : AFAS :M1- R-G, Z1, 103.163KMS , 3.05 KA / M2- B-G, Z1, 137.5KMS , 2.86 KA* SITE : M1- Y-G, Z1, 101.1KMS , 2.9 KA / M2- Y-G, Z1, 100.5KMS , 2.15 KA* P K BARI(STERLITE) : M1- Y-G, Z1, 4.48KMS , 4.49 KA / M2- Y-G, Z1, 6.0KMS , 5.84 KA FAULT ANGLE = 86.8 DEGREE= NCMLEMENT WEATHER CONDITION IN AN AROUND THE AREA NEAR BY LINE** 03.05.2024 09:36:51 INDIA (60001776)** FLASH OVER MARK FOUND IN CC RING ON THE TOP PHASE(R PHASE) AT TOWER LOC. NO.279(DD+3)

Standard of Performance data for the Month of Apr-2024

Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., NORTHERN EASTERN REGION

Object Type	Element Name	Type of failure	Outage Date	Outage Time	Restoration	Restoration	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 SILCHAR-P K BARI(STERLITE)-1	LART	22-04-2024	14:16:00	22-04-2024	14:16:00	0.00	0.00	0.00	0.00	0.00		* SILCHAR: (SITE) M1: R-N, Z1, 65.92KM, 2.75KA; M2: R-N, Z1, 3.24 (AFAS); M1: R-N, Z1, 73.25KM, 4.4KA; M2: R-N, Z1, 109.45KM, 4.39KA* PK BARI: M1: B-N, Z1, 58.2KM1.03KA; M2: B-N, Z1, 77.2KM, 2.4KA* 30.04.2024 16:33:18 INDIA (60001776)** FLAH OVER MARK FOUND IN CC RING AND TENSION PLATE ON THE MIDDLE PHASE(R) AT TOWER LCOATION NO.216
CKT	400kV SILCHAR-P K BARI(STERLITE)-1	OSFT	20-04-2024	13:55:00	20-04-2024	15:42:00	0.07	1.78	0.00	0.00	0.00		* ESD TAKEN BY BADARPUR TLM FOR CUTTING OF BAMBOO LEANING TOWARDS LINE CONDUCTOR DUE TO RECENT CYCLONIC STORM BETWEEN LOC NO 172 AND 173.* 20.04.2024 14:30:13 INDIA (60051135)** ESD TAKEN BY BADARPUR TLM FOR CUTTING OF OUTSIDE CORRIDOR BAMBOO LEANING TOWARDS LINE CONDUCTOR DUE TO RECENT CYCLONIC STORM BETWEEN LOC NO 172 AND 173.* 27.04.2024 17:39:41 INDIA (60001776)* A BABBOO OF APPROX 22 MTR HEIGHT FROM THE OUT SIDE CORRIDOR(BUSH AT 28.5MTR AWAY FROM THE CENTER PF THE CORRIDOR) HAS COME IN THE INSUDCTION ZONE OF THE BOTTOM PHASE R PHASE AT SPAN 292-293
CKT	400kV SILCHAR-P K BARI(STERLITE)-1	LART	26-04-2024	22:20:00	26-04-2024	22:20:00	0.00	0.00	0.00	0.00	0.00		* AUTO-RECLOSE SUCCESSFUL AT BOTH ENDS* Relay Indication --> SILCHAR: (AFAS): M1: Y-N, Z-1, 45.461KM, 4.38KA; M2: Y-N, Z-1, 43.191KM, 4.35KA* (SITE): M1: R-G, Z-1, 65.92KM, 2.75KA; M2: R-N, Z-1, 3.24KA* PKNCH (P K BARI): M1: NOT DETECTED; M2: R-G, Z-1, 99.4KM, 1.65KA* 01.05.2024 13:51:41 INDIA (60001776)** Post fault patrolling has been carried on dated 27.04.2024 based on: Fault distance: 47.84KM as per Silchar end TWFL details.* Actual fault found at Tower location no-123 (DB+0) at a distance 44.536 KM from Silchar end at Y Phase (BOTTOM).* During Tower Top Patrolling at Fault Tower location 123 (DB+0), broken disc insulator found in Y-phase DI string. At the time of A/R, it was heavy raining with thunderstorm near tower location area, confirmed by local villagers.
CKT	400kV SILCHAR-P K BARI(STERLITE)-1	LNCC	04-04-2024	02:43:00	04-04-2024	03:59:00	0.05	0.00	0.00	1.27	0.00		* LINE TRIPPED ON RECLAIM TIME M1- B-G, Z1, 39.44KMS, 4.3KA , / M2 - B-G, 37.40KMS, 3.07KA* *P K BARI*: Y-G, Z1, 89.1 KMS, 1.76KA* 27.04.2024 12:21:07 INDIA (60001776)* Post fault patrolling has been carried on dated 04.04.2024 based on: Fault distance: 39.946KM as per Silchar end AFAS details.* Actual fault found at Tower location no-123 (DB+0) at a distance 44.536 KM from Silchar end at B Phase. During Tower Patrolling at Fault* Tower location 123 (DB+0), Due to decapping of insulators, snpping of twin conductors from tower to ground. Flash over mark observed* on B Phase Insulator disc which is found in broken condition on ground. At the time of tripping, it was heavy raining with thunder storm* confirmed by local villagers. It seems that, due to heavy thundering in this location insulators got blast along with metallic part broken* into pieces and finally decapping of insulators from top phase i.e B phase of tower, which is resisting permanent fault. After that, with* the help of local contractor and our fitters from Badarpur <-&-> Silchar TLM, restoration work has been successfully completed and line is* restored on dated 05.04.2024 at 13:32 Hrs.
CKT	400kV SILCHAR-P K BARI(STERLITE)-1	LART	03-04-2024	19:50:00	03-04-2024	19:50:00	0.00	0.00	0.00	0.00	0.00		* A/R SUCCESSFUL AT BOTH END M1- B-G, Z1, 69.09KMS, 3.632KA , / M2 - B-G, 68.70KMS, 3.607KA* *P K BARI*: R-G, Z1, 59.21 KMS** 08.05.2024 10:37:22 INDIA (60001776)** Post fault patrolling has been carried on dated 04.04.2024 based on: Fault distance: 69.09KM as per Silchar end M1 <-&->M2 details.* Actual fault found at Tower location no-196 (DA+0) at a distance 69.611 KM from Silchar end at B Phase (TOP).* During Tower Top Patrolling at Fault Tower location 196 (DA+0), Flashover mark found on disc insulator in B-phase DI string. At the time* of A/R, it was heavy raining with thunderstorm near tower location area, confirmed by local villagers.
CKT	400kV SILCHAR-P K BARI(STERLITE)-1	LART	17-04-2024	18:05:00	17-04-2024	18:05:00	0.00	0.00	0.00	0.00	0.00		* AUTO RE-CLOSE SUCCESSFUL AT BOTH ENDS* SILCHAR: (AFAS): M1: Y-G, 80.64KM,2.73KA; M2: Y-G, 86.19KM,2.73KA* (SITE): M1: Y-G, 74.13KM,Z-1, 2.60KA; M2: Y-G, 79.10KM,Z-1, 2.6KA* TWFL= 63.88KM FROM SILCHAR END* P K BARI: M1: R-G, 72.45KM, Z-1, 1.45KA; M2: R-G, 83.5KM, Z-2, 2.79KA* HEAVY RAIN AND LIGHTNING PREVAILS IN AN AROUND THE AREA DURING A/R OF THE LINE.* 08.05.2024 10:46:29 INDIA (60001776)** Post fault patrolling has been carried on dated 23.04.2024 based on: Fault distance: 63.88KM as per Silchar end TWFL details.* Actual fault found at Tower location no-200 (DA+0) at a distance 70.945 KM from Silchar end.* During Tower Top Patrolling at Fault Tower location 200 (DA+0), a dead monkey was found hanging from tower cross arm. The monkey* was electrocuted which caused the autoreclosure of the line.
							1.56	1.78	0.00	2.29	33.53	99.75	
CKT	400kV SILCHAR-P K BARI(STERLITE)-2	LCSO	01-04-2024	00:00:01	07-04-2024	19:50:00	6.83	0.00	0.00	0.00	163.83		** C/S/D TAKEN FOR ERECTION OF NEW PILE FOUNDATION TOWER LOC. NO. 353P
CKT	400kV SILCHAR-P K BARI(STERLITE)-2	LNCC	20-04-2024	09:34:00	20-04-2024	10:25:00	0.04	0.00	0.00	0.85	0.00		* TRIPPED ON RECLAIM TIME* SILCHAR: (AFAS) M1:R-G, Z-1, 102.37KM, 2.34KA; M2:R-G, Z-1, 100.10 KM, 2.32KA* SILCHAR: (SITE) M1:R-G, Z-2, 84.06KM, 2.24KA; M2:R-G, Z-2, 97.00 KM, 2.00 KA* P.K.BARI: M2:B-G, Z-2, 44.9 KM, 1.84 KA; M1:NA* 20.04.2024 20:01:46 INDIA (60051135)** AR not attempted due to Z2 detected instead of Z1 at PK Bari end(Sterlite bay)* 03.05.2024 13:10:36 INDIA (60001776)** A BAMBOO OF APPROXIMATE 22 MTR HEIGHT FROM THE OUT SIDE CORRIDOR (BUSH AT 28.5MTR AWAY FROM CENTER OF THE CORRIDOR) HAS COME IN THE INDUCTION ZONE OF THE BOTTOM PHASE-R AT SPAN -292-293 DURING HEAVY WIND
							6.87	0.00	0.00	0.85	163.83	100.00	
CKT	400kV SM.NAGAR(TSECL)-COMILLA(BANGLAD)-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 SM.NAGAR(TSECL)-COMILLA(BANGLAD)-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 SURAJMANI NAGAR TSECL LILO Line			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-LOWER_SUBANSIRI-B'CHARIALI-C1	LVRD	01-04-2024	00:00:01	19-04-2024	09:46:00	18.41	0.00	0.00	0.00	441.77		* LINE HAND TRIPPED FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC VIDE CODE 1373 (CHARAGED AS ANTI THEFT MEASURE)
CKT	400KV-LOWER_SUBANSIRI-B'CHARIALI-C1	LVRD	01-04-2024	00:00:01	30-04-2024	23:59:00	30.00	0.00	0.00	0.00	719.98		* LINE HAND TRIPPED FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC VIDE CODE 1549 (CHARAGED AS ANTI THEFT MEASURE)
							48.41	0.00	0.00	0.00	1,161.75	100.00	
CKT	400KV-LOWER_SUBANSIRI-B'CHARIALI-C2			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-LOWER_SUBANSIRI-B'CHARIALI-C3	OSFD	01-04-2024	00:00:01	30-04-2024	23:59:00	30.00	0.00	0.00	0.00	719.98		* LINE H/T AS PER REQUESTED BY NHPC TO CARRY OUT SWITCHYARD CONSTRUCTION RELATED WORK AT THEIR END.
							30.00	0.00	0.00	0.00	719.98	100.00	
CKT	400KV-LOWER_SUBANSIRI-B'CHARIALI-C4	OSFD	01-04-2024	00:00:01	30-04-2024	23:59:00	30.00	0.00	0.00	0.00	719.98		* LINE H/T AS PER REQUESTED BY NHPC TO CARRY OUT SWITCHYARD CONSTRUCTION RELATED WORK AT THEIR END.
							30.00	0.00	0.00	0.00	719.98	100.00	
LNR	63 MVAR SWLR OF B'CHARIALI-2 AT BALIPARA			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	
LNR	50MVAR_SWLR OF B'CHARIALI-1 AT BALIPARA			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	
LNR	63MVAR_LR OF BONGAIGAON-3 AT BALIPARA			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	
LNR	63MVAR_LR OF BONGAIGAON-4 AT BALIPARA			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	
LNR	63MVAR_LR OF SUBANSIRI-1 AT B CHARIALI	SVRD	14-04-2024	18:27:00	14-04-2024	23:19:00	0.20	0.00	0.00	0.00	4.87		* HAND TRIPPED FOR VOLTAGE REGULATION AS PER INSTRUCTION OF NERLDC VIDE CODE 1044
							0.20	0.00	0.00	0.00	4.87	100.00	
LNR	63MVAR_SWLR OF SUBANSIRI-2 AT B'CHARIALI			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	



**Standard of Performance data for the Month of Apr-2024**

**Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD., NORTHERN EASTERN REGION**

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	15MVA,132/33kV ICT-2 AT NAMSAI			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	15MVA,132/33kV ICT-1 AT ROING			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	15MVA,132/33kV ICT-2 AT ROING			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	50MVA,220/132kV ICT-1 AT SALAKATI			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	50MVA,220/132kV ICT-2 AT SALAKATI			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	100MVA,220/132/33kV ICT-3 AT SALAKATI			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	200MVA,400/132kV ICT-1 AT SILCHAR	SICT	01-04-2024	22:15:00	02-04-2024	20:56:00	0.95	22.68	0.00	0.00	0.00		* Y-PH DIFFRENTIAL OPEARATE* INCLEMENT WEATHER CONDITION AT THE TIME OF TRIPPING.
XMER	200MVA,400/132kV ICT-1 AT SILCHAR	OSFT	03-04-2024	12:40:00	03-04-2024	20:39:00	0.33	7.98	0.00	0.00	0.00		* EMERGENCY SHUTDOWN TAKEN FOR Y-Ph CT REPLACEMENT IN 132 KV SIDE OF ICT
							1.28	30.66	0.00	0.00	0.00	95.74	
XMER	200MVA,400/132kV ICT-2 AT SILCHAR			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,400/200kV ICT-3 AT SILCHAR			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	15MVA,132/33kV ICT-1 AT TEZU			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	15MVA,132/33kV ICT-2 AT TEZU			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	15MVA,132/33kV ICT-1 AT ZIRO	OMST	25-04-2024	06:11:00	25-04-2024	07:12:00	0.04	1.02	0.00	0.00	0.00		* ICT TRIPPED DUE TO FAULT IN 33KV STATE FEEDER* 26.04.2024 13:20:01 INDIA (60051134)* ICT TRIPPED ON Z4 LBB BACK TRIPPED
							0.04	1.02	0.00	0.00	0.00	99.86	