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July 19, 2019

Our File 2703-05-04-2019

Yukon Utilities Board
P.O. Box 31728
Whitehorse, YT
Y1A 6L3

Attention: Mr. Bob Laking, Chair

Re: YEC Outage Report – 2019(Q2)

Please find attached the YEC outage report for the period of April through June 2019. This information is provided pursuant to the filing requirements of the 1996/97 settlement agreement and corresponding Board Order.

If you have any questions regarding the content within this report please do not hesitate to contact the undersigned.

Yours truly,

A handwritten signature in black ink, appearing to read "Guy Morgan".

Guy Morgan
Director, Operations
Guy.Morgan@yec.yk.ca
393-5366

Enclosure

CC via email: Jay Massie, ATCO Electric Yukon Energy Corporation





Outage / Disturbance Report 2019

Outage/Disturbance Report April 2019

Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Apr 22, 2019	804 (Improper Construction/installation)	YEC and Orbis workers drilling a hole in a relay cabinet at S171 inadvertently tripped S171-52-3 and S171-52-4 due to excessive vibration from the drill. Mechanical relay inside cabinet tripped.	S150-52-17 (6L12) S9815	1	1.23
			S150-52-22 (6L11)	15	1.43
			S150-52-18 (6L13)	1	1.68
			S150-52-21 (6L10)	1	1.69
			S6838	1	1.71
			S6837	1	1.72

Outage/Disturbance Report May 2019

Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
May 11, 2019	304 (Off-ROW Tree)	At the time of the outage the breaker S167-52-2 was tagged Hold Open, due to high fire rating. PLT did aerial patrol to verify power line was clear of trees or catastrophic failure. After patrol, all clear given to SCC and L355 was reenergized (S167-52-2 Closed). No cause was discovered for this outage. Overcurrent was the relay that tripped so most likely tree contact.	S167-52-2 (Haines Junction Feeder)	5	3.49
May 31, 2019	203 (Generation Inadvertent)	WG3 tripped off with a transmission oil low level.	Dawson (Feeder 2)	468	0.17
			Dawson S250-52-2 (Hunker Feeder)	460	0.15
			Mayo Town Feeder (S249-52-10)	360	0.19

Outage/Disturbance Report June 2019

Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Jun 02, 2019	203 (Generation Inadvertent)	Faro islanded for L178 work. FD7 trip causing outage to Faro, Ross River and Faro Mine. Caused by faulty air tank transducer.	Faro 505(L356 Ross River Feeder) Faro 506(Feeder #2) Faro 507(Feeder #1)	12 135 135	1.17 0.92 0.92
Jun 08, 2019	400 (Lightning)	Lightning reported in the area at the time of the outage. No other cause found.	Faro 503 (Feeding Faro Mine with Faro diesel generation) Faro 507(Feeder #1)	1 135	9.91 0.10
Jun 08, 2019	400 (Lightning)	Caused by lightning strike in Dawson area. Lots of lightning strikes reported at the time of the outage. Outage duration prolonged due to COMMS issues in the North.	Dawson (Feeder 1) Dawson (Feeder 2)	466 468	0.41 0.42
Jun 12, 2019	400 (Lightning)	System Split for Linework with Carmacks on MD Portion and L178 Open at S255 and Faro islanded. Reports of Lightning in Minto to Mayo area.	Dawson S250-52-2 (Hunker Feeder) S254-52-TR (Minto Mine) L174 (Minto Landing to Stewart South)	460 1 1	0.94 2.77 2.19
Jun 24, 2019	400 (Lightning)	Reports of very dark clouds (Thunderstorm) between Carmacks and Faro - lightning strike	L173 (Carmacks to Minto Landing) L178 Carmacks to Faro - Including Faro	3 288	2.07 0.09
Jun 13, 2019	100 (Scheduled Outage)	GOI 19-323 return to normal	Faro 503 (Feeding Faro Mine with Faro diesel generation)	1	0.36
Jun 13, 2019	100 (Scheduled Outage)	GOI 19-337 return to normal. Carmacks and Braeburn on Diesel	L170 (S164 to Carmacks)	33	0.10
Jun 27, 2019	901 (Wildlife (Bird/Animal))	Line inspected. Probable cause wildlife.	Faro 505(L356 Ross River Feeder)	12	0.01
Jun 30, 2019	400 (Lightning)	Multiple lightning strikes.	Dawson S250-52-2 (Hunker Feeder) Dawson (Feeder 1) Dawson (Feeder 2) Faro 505, 506 and 507 L178 Carmacks to Faro -	460 466 468 282 15	1.40 1.05 1.12 2.00 5.50

			Not Including Faro Customers but including Faro Mine		
			L170 (S164 to Carmacks)	33	4.92
			S255-52-1 (L178)	19	2.20
			Dawson (Feeder 2)	468	2.22
			Faro 505, 506 and 507	282	0.37
Jun 25, 2019	400 (Lightning)	Lightning Strike			