

Our File: 2/ 2703-05-04

April 11, 2018

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

Attention: Mr. Bob Laking, Chair

Re: YEC Outage Report – 2018 (Q1)

Please find attached the YEC outage report for the period of January through March 2018. This information is provided pursuant to the filing requirements of the 1996/7 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,



Guy Morgan
Director, Operations
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393-5366

Enclosure

CC via email : Jay Massie, ATCO Electric Yukon



Outage / Disturbance Report – Q1 2018

Outage/Disturbance Report January 2018					
Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Jan 01, 2018	603 (Wet Snow)	Heavy wet snow and windy at the time of the outage.	Elsa Line (L250)	17	0.02
Jan 05, 2018	910 (Other Utilities)	Frost build up on the transmission line was reportedly being removed at the time of the outage by ATCO Employees. There were problems with YM3 tripping off several times while line crews were attempting to energize Johnsons Crossing with it. Johnsons Crossing was eventually re-energized with grid power once frost on the transmission line was removed.	Johnson's Crossing	14	4.45
Jan 05, 2018	603 (Wet Snow)	Heavy wet snow and windy at the time of the outage.	Faro 505(Ross River Feeder)	12	0.01

Outage/Disturbance Report February 2018					
Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Feb 07, 2018	501 (Electrical Failure)	Protection and Systems Engineer: Based on what tripped I am about 90% sure that it was the T1 protection that operated. When it operates, it also trips the R1 lockout relay (along with the 52-5 lockout relay, the SC1 lockout relay, and the high-speed grounding switch). The reactor protection only trips the reactor lockout relay, not the rest. Furthermore, the last event logs that I did see from the relay (from November 2017) showed the overcurrent protection on T1 picking up and dropping out multiple times under non-fault conditions. There are some setting changes waiting to be applied that would increase the pickup slightly.	Dawson (Feeder 1) Dawson (Feeder 2) Dawson S250-52-2 (Hunker Feeder)	466 468 460	0.20 0.21 0.38
Feb 12, 2018	605 (Other Adverse Weather)	Line slap most likely the cause as snow/frost falling from lines during this warmer weather.	Dawson S250-52-2 (Hunker Feeder)	460	0.03
Feb 23, 2018	910 (Other Utilities)	ATCO reports a failed voltage regulator in new Selkirk Sub in Riverdale as the cause of this outage.	19L (S150-52-17)	1	0.73