



**YUKON ENERGY
CORPORATION**
P.O. Box 5920
WHITEHORSE
YUKON Y1A 6S7
(867) 393-5300

Our File: 2/ 2703-05-04

June 13, 2016

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

Attention: Mr. Bob Laking, Chair

Re: YEC Outage Report – 2016 (Q1)

Please find attached the YEC outage report for the period of January through March 2016. 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,

A handwritten signature in blue ink, appearing to read 'Ed Mollard', with a horizontal line underneath.

Ed Mollard
CFO
Ed.Mollard@yec.yk.ca
393-5338

Enclosure

CC via email : Jay Massie, ATCO Electric Yukon



Outage / Disturbance Report – 2016 Q1

Outage/Disturbance Report - January 2016					
Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Jan 09, 2016	603 (Wet Snow)	Mayo PLT reports wet, heavy snow falling at the time of the outage. Windy as well.	Elsa Line (L250)	17	0.03
Jan 12, 2016	601 (Extreme Wind)	Mayo PLT reports hi winds and heavy frost built up on power line. Outage most likely caused by line slap from frost coming off the power lines.	Elsa Line (L250)	17	0.05
Jan 14, 2016	910 (Other Utilities)	Outage at Johnson's Crossing. Atco reports a tree on the line at km 1310 (Squanga). Tree was removed by Atco Employees and power was restored.	Johnson's Crossing	14	1.55
Jan 15, 2016	910 (Other Utilities)	Johnson's Crossing outage reported. Atco suspects a tree on their line caused the outage. Atco sent our crew to patrol line. Tree discovered and removed. Power restored.	Johnson's Crossing	14	0.20
Jan 15, 2016	911 (Other foreign Interference)	Elevator repair personnel hit the emergency stop button for AH1. AH1 tripped off line with approximately 11.5MW of load.	Dawson (Feeder 1)	447	0.18
			Dawson (Feeder 2)	459	0.16
			Dawson (Feeder 3)	437	0.18
Jan 18, 2016	601 (Extreme Wind)	50K winds and heavy snow were reported at the time of this outage.	Dawson (Feeder 1)	447	0.30
			Dawson (Feeder 2)	459	0.31
			Dawson (Feeder 3)	437	0.47
Jan 25, 2016	604 (Ice/Icing)	Suspect power line slap due to the heavy frost/ice built up on the lines. Mild weather reported which caused frost/ice to fall off the lines.	Dawson (Feeder 1)	447	0.41
			Dawson (Feeder 2)	459	0.42
			Dawson (Feeder 3)	437	0.44
Outage/Disturbance Report - February 2016					
Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Feb 18, 2016	806 (Commissioning Error)	Commissioning error was experienced while automating synch capabilities for breaker S253-52-2.	L174 (Minto Landing to Stewart South)	1	0.07
Feb 26, 2016	601 (Extreme Wind)	Breaker S167-52-2 Tripped. Heavy winds in the Haines Junction area reported at the time of the outage.	L355 (Haines Junction Line)	5	0.01



Outage / Disturbance Report – 2016 Q1

Outage/Disturbance Report - March 2016					
Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Mar 01, 2016	604 (Ice/Icing)	L250 Tripped. Mayo PLT informed SCC that the fault distance meter indicated that there was a fault near the end of L250. Mayo PLT also informed SCC that there is a lot of ice/frost built up on the power lines that is releasing due to the mild weather. Mayo is currently experiencing. Outage probably caused by line slap when ice/frost coming off the power line.	Elsa Line (L250)	17	0.01
Mar 04, 2016	100 (Scheduled Outage)	Planned power outage to repair insulator string that was vandalized on Structure 67/4.	Champagne Customer(s)	39	0.23
			Mendenhall Customer(s)	59	0.23
			Champagne Customer(s)	39	0.17
			Mendenhall Customer(s)	59	0.17
Mar 04, 2016	203 (Generation Inadvertent)	While returning to normal under GOI 16-73 for the isolation of a section of L171 to replace a string of vandalized insulators, WG1 tripped off line due to voltage issues.	Dawson (Feeder 3)	437	0.18
Mar 08, 2016	604 (Ice/Icing)	Heavy frost/ice built up on L250 releasing due to the milder weather, causing the lines to slap together.	Elsa Line (L250)	17	0.03