

Our File: 2/ 2703-05-04

October 26, 2016

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

Attention: Mr. Bob Laking, Chair

Re: YEC Outage Report – 2016 (Q2)

Please find attached the YEC outage report for the period of April through June 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,



Ed Mollard
CFO
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393-5338

Enclosure

CC via email : Jay Massie, ATCO Electric Yukon



Outage / Disturbance Report - 2016 Q2

Outage/Disturbance Report April 2016					
Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Apr 07, 2016	503 (Defective Equipment/Material)	The lightning arrester on the Haines Junction metering tank failed. Metering tank isolated and L355 re-energized.	S167-52-2 (Haines Junction Feeder)	5	1.03
Apr 07, 2016	105 (Forced Switching)	The lightning arrester on the Haines Junction metering tank failed. Metering tank was isolated, repaired and then L355 was de-energized by SCC and the metering tank was closed back in, then L355 was energized again. OSS S9291 was synced closed and the HJ diesel was taken offline.	S167-52-2 (Haines Junction Feeder)	5	0.08
Apr 15, 2016	901 (Wildlife (Bird/Animal))	Faro Serviceman discovered a dead raven at the transformer.	Faro 506(Feeder #2)	135	0.02
Apr 18, 2016	0 (Unknown)	Minto Mine outage. S254-52-F1 tripped. Load loss of 4.2MW. Breaker was locked out. Restoration of service required coordination with Minto Mine Personnel.	S254-52-F1	1	0.58
Apr 29, 2016	901 (Wildlife (Bird/Animal))	Faro 505 tripped. Dead Raven discovered in 870S.	Faro 505(Ross River Feeder)	12	0.01

Outage/Disturbance Report May 2016					
Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
May 10, 2016	500 (Equipment Failure)	Upon returning to normal under GOI 16-172, S249-52-10 tripped at 16:47 causing an outage to the town of Mayo. After an investigation, YEC employee discovered the controller for S249-52-10 to be malfunctioning. Controller removed and sent back to manufacturer for repairs. Breaker S249-52-10 is currently bypassed until repairs completed. Town of Mayo power restored with diesel generation at 18:30.	Mayo Town Feeder (S249-52-10)	332	1.72
May 12, 2016	0 (Unknown)	S249-52-4 and S249-52-5 both tripped causing an outage on L250. Nothing discovered as weather was calm.	Elsa Line (L250)	17	0.02
May 19, 2016	400 (Lightning)	Mayo Serviceman reports lightning activity in the area at the time of the outage.	Elsa Line (L250)	17	0.03
May 20, 2016	500 (Equipment Failure)	A loss of firmware on the WH2 PLC CPU appears to have been the cause of the unit tripping offline this morning. The CPU has been replaced and the faulted CPU will be sent back to Schneider for analysis.	Dawson S250-52-2 (Hunker Feeder)	437	0.18

May 30, 2016	100 (Scheduled Outage)	L250 de-energized to close L250-89-533. Once L250-89-533 closed, L250 re-energized.	Elsa Line (L250)	17	0.09
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Outage/Disturbance Report June 2016

Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Jun 10, 2016	0 (Unknown)	WH2 tripped on electrical lockout. As a result Hunker Feeder in Dawson City tripped. The outage cause has not yet been confirmed.	Dawson S250-52-2 (Hunker Feeder)	437	0.12
Jun 30, 2016	400 (Lightning)	Heavy lightning and rain reported at the time of the outage.	L177 Stewart North to Dawson	8	0.44
			Dawson S250-52-2 (Hunker Feeder)	437	0.47
			Dawson (Feeder 2)	459	0.13
			Dawson (Feeder 1)	447	0.12