

Our File: 2/ 2703-05-04

October 26, 2016

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

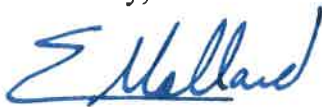
Attention: Mr. Bob Laking, Chair

Re: YEC Outage Report – 2016 (Q3)

Please find attached the YEC outage report for the period of July through September 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 Q3

Outage/Disturbance Report July 2016

Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Jul 05, 2016	400 (Lightning)	Thunder/lightning storm in the area at the time of the outage.	S254-52-TR (Minto Mine)	1	8.18
Jul 11, 2016	400 (Lightning)	Thunder/lightning storm at the time of the outage.	S253-52-F1	1	11.56
			Dawson (Feeder 1)	447	0.17
			Dawson (Feeder 2)	459	0.18
			Dawson S250-52-2 (Hunker Feeder)	437	0.53
			Mayo Town Feeder (S249-52-10)	332	0.22
Jul 10, 2016	901	Dead Raven discovered in sub station.	Elsa Line (L250)	17	0.22
	400 (Lightning)	Outage caused by lightning.	S254-52-TR (Minto Mine)	1	1.92
Jul 12, 2016	400 (Lightning)	Thunder/lightning storm Territory wide was the cause of this outage.	Faro 507(Feeder #1)	135	0.01
			S254-52-TR (Minto Mine)	1	0.06
			Dawson (Feeder 1)	447	0.26
			Dawson (Feeder 2)	459	0.49
			Dawson S250-52-2 (Hunker Feeder)	437	0.18
			L177 Stewart North to Dawson	8	0.11
			S254-52-TR (Minto Mine)	1	0.74
			L178 (Carmacks to Faro)	288	0.39
			L170 (S164 to Carmacks)	33	0.33
			Faro 507(Feeder #1)	135	0.43
Faro 506(Feeder #2)	135	0.42			
Faro 505(Ross River Feeder)	12	0.33			

Jul 13, 2016	400 (Lightning)	Outage caused by lightning strike.	Faro 505(Ross River Feeder)	12	0.01
Jul 14, 2016	901	Dead Raven discovered at the site of the outage.	Faro 506(Feeder #2)	135	0.35
Jul 14, 2016	400 (Lightning)	Thunder and lightning storm at the time of the outage.	Dawson (Feeder 1)	447	0.16
			Dawson (Feeder 2)	459	0.17
			Dawson S250-52-2 (Hunker Feeder)	437	0.42
			L170 (S164 to Carmacks)	33	0.18
			L178 (Carmacks to Faro)	288	0.16
			S6838	1	0.71
Jul 15, 2016	503 (Defective Equipment/Material)	WH4 Tripped off line at 17.5MW. Cause of the trip was a loose wire on the governor. Loose wire was cold soldered and reconnected.	9L (S150-52-22)	1	1.57
			10L (S150-52-21)	1	2.14
			13L (S150-52-18)	1	1.95
			S6838	1	2.39
			S6837	1	2.41
			S9815	1	2.44
			19L (S150-52-17)	1	1.73
			Faro 505(Ross River Feeder)	12	1.97
			Faro 507(Feeder #1)	135	1.97
			Faro 506(Feeder #2)	135	1.97
			S254-52-TR (Minto Mine)	1	5.91
			L170 (S164 to Carmacks)	33	4.33
			L177 Stewart North to Dawson	8	4.45
			L178 (Carmacks to Faro)	288	4.36
			Dawson (Feeder 1)	447	0.15
			Dawson (Feeder 2)	459	0.17
			Dawson S250-52-2 (Hunker Feeder)	437	0.35
Jul 15, 2016	400 (Lightning)	Severe thunder and lightning storm at the time of the outage.	L170 (S164 to Carmacks)	33	0.07
			L178 (Carmacks to Faro)	288	0.20
			Faro 505(Ross River Feeder)	12	0.27
			Faro 506(Feeder #2)	135	0.20
			Faro 507(Feeder #1)	135	0.20

Jul 15, 2016	400 (Lightning)	Severe thunder and lightning storm at the time of the outage.	Dawson (Feeder 1) Dawson (Feeder 2) Dawson S250-52-2 (Hunker Feeder) Faro 505(Ross River Feeder) Faro 506(Feeder #2) Faro 507(Feeder #1) L170 (S164 to Carmacks) S254-52-TR (Minto Mine) L178 (Carmacks to Faro)	447 459 437 12 135 135 33 1 288	0.23 0.24 0.49 0.23 0.21 0.23 0.16 10.81 0.18
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Outage/Disturbance Report August 2016

Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Aug 10, 2016	605 (Other Adverse Weather)	Environment Canada reports heavy rain in the area at the time of the outage. Breaker was only open for 34 seconds. Plant Operator did an Inspection and didn't find anything indicating a definite cause.	Faro 507(Feeder #1)	135	0.01
Aug 30, 2016	0 (Unknown)	S6838 Tipped. No cause discovered/reported. Outage still under investigation.	S6838	1	0.59

Outage/Disturbance Report September 2016

Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Sep 13, 2016	400 (Lightning)	Lightning was reported in the area at the time of the outage.	S164-52-1 and S164-52-2 (L170) Faro 505(Ross River Feeder) Faro 506(Feeder #2) Faro 507(Feeder #1) Faro 505(Ross River Feeder)	36 12 135 135 12	0.08 0.37 0.37 0.37 0.37 0.78
Sep 14, 2016	901 (Wildlife)	Customer reported a flash on a power pole. Upon further investigation, dead Raven discovered.	Faro 505(Ross River Feeder)	12	0.78
Sep 30, 2016	103 (Maintenance)	9L De-energized for ATCO upgrades to their McCrae Sub Station. AEY and AEY Customers affected.	9L (Johnson's Crossing)	14	2.90