



PO Box 5920  
Whitehorse, YT  
Y1A 2B0

Our File: 2703-05-04

October 1, 2020

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

**RE: YEC Outage Report-2020 (Q3)**

To Whom It May Concern:

Please find attached the YEC outage report for the period of July through September 2020. 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 me.

Yours truly,

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

Guy Morgan  
Director of Operations  
[guy.morgan@yec.yk.ca](mailto:guy.morgan@yec.yk.ca)  
(867)393-5366



# Outage / Disturbance Report July-Sept 2020

Outage/Disturbance Report July 2020					
Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Jul 05, 2020	400 (Lightning)	Lightning strike L171	L171 Champagne, Mendenhall and Stoney Creek	107	0.30
			S258-52-3 Eagle Gold	1	0.43
			Dawson (Feeder 1)	429	0.45
			Dawson S250-52-2 (Hunker Feeder)	448	0.46
			Dawson (Feeder 2)	510	0.47
			Mayo Town Feeder (S249-52-10)	385	0.68
Jul 11, 2020	301 (Falling Tree)	Tree on L178.	Faro 505(L356 Ross River Feeder)	22	0.46
			Faro 506(Feeder #2)	207	0.47
			Faro 507(Feeder #1)	139	0.48
			Dawson (Feeder 1)	429	0.59
			Dawson (Feeder 2)	510	0.60
			L170 (S164 to Carmacks)	38	0.70
			S252-52-2 (Pelly Crossing Feeder)	1	0.92
			Dawson S250-52-2 (Hunker Feeder)	448	0.86
			S253-52-T1 Minto Mine, NWTel and two AEY Feeds	4	1.09
			L178 Carmacks to Faro - Not Including Faro Customers but including Faro Mine	23	1.00

			S254-52-TR (Minto Mine)	1	1.27
Jul 07, 2020	400 (Lightning)	Lightning at time of interruption. No other cause reported/discovered.	S253-52-T1 Minto Mine, NWTel and two AEY Feeds	4	0.12
Jul 15, 2020	506 (Other Equipment Failure)	Faro 505 (Ross River Feeder) trip, One reclose attempted, no go. Lineman flew line and discovered burnt cross-arm at structure 100.	Faro 505(L356 Ross River Feeder)	22	4.12
Jul 25, 2020	400 (Lightning)	Heavy lightning storm reported at the time of the outage.	Dawson (Feeder 1)	429	0.18
			Dawson (Feeder 2)	510	0.19
Jul 25, 2020	605 (Other Adverse Weather)	Minto Mine affected by this outage,	S253-52-F2 (L254)	3	0.11
Jul 26, 2020	910 (Other Utilities)	ATCO reports a tree on 6L11 near regulator bank at Marsh Lake. Outage affected YEC Customs in Johnson Crossing.	S150-52-22 (6L11)	14	1.30
Jul 27, 2020	400 (Lightning)	Lightning was reported in the area at the time of the outage. No other cause reported/discovered.	Dawson (Feeder 1)	429	0.16
			Dawson (Feeder 2)	510	0.17
			Dawson S250-52-2 (Hunker Feeder)	448	0.12
Jul 17, 2020	901 (Wildlife (Bird/Animal))	Dead raven discovered near the site of the blown fuses resulted in the loss of L356 (Ross River line).	Faro 505(L356 Ross River Feeder)	22	0.01
Jul 31, 2020	910 (Other Utilities)	ATCO shifting load between S170 and S150 at the time of the outage.	S6837	1	0.35
			S150-52-21 (6L10)	1	0.71

<b>Outage/Disturbance Report August 2020</b>					
<b>Date</b>	<b>Code</b>	<b>Comments</b>	<b>Location</b>	<b># of Customers Affected</b>	<b>Duration Hrs</b>
Aug 03, 2020	503 (Defective Equipment/Material)	Emergency planned power outage to repair broken cross-arm on L171. Brief interruption to both Champagne and Mendenhall to isolate the damaged section of line.	Champagne Customer(s)	33	0.28
			Mendenhall Customers (66) + Stoney Creek Customers (8) (same feed)	74	0.28
Aug 27, 2020	304 (Off-ROW Tree)	Windy at the time of the outage. No cause discovered. Most likely off-row tree contact. L178 directional ground o/c. S255-52-1 Trip Coil R&B.	L178 Carmacks to Faro - Including Faro	391	0.04

**Outage/Disturbance Report  
September 2020**

	<b>Outage/Disturbance Report September 2020</b>				
<b>Date</b>	<b>Code</b>	<b>Comments</b>	<b>Location</b>	<b># of Customers Affected</b>	<b>Duration Hrs</b>
Sep 04, 2020	906 (Customer Equipment)	S249-52-TR (Minto Mine Feeder) tripped with approximately 4.6MW. No cause reported.	S254-52-TR (Minto Mine)	1	0.06
Sep 04, 2020	0 (Unknown)	Reclosed and held right away. No wildlife found. Suspect raven but cannot confirm.	Faro 506(Feeder #2)	207	0.01