



#2 Miles Canyon Road
Box 5920, Whitehorse
Yukon Y1A 6S7
yukonenergy.ca

Our File: 2703-05-04

July 6, 2022

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

RE: **YEC Outage Report - 2022 (Q2)**

To Whom It May Concern:

Please find attached the YEC outage report for the period of April to June 2022. There are no outages reported in April. 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
Vice President of Operations
guy.morgan@yec.yk.ca
(867)393-5366

the power of yukon





Outage / Disturbance Report 2022

Outage/Disturbance Report May 2022					
Date	Code	Comments	Location	# of Customers Affected	Duration Hrs.
May 28, 2022	400 (Lightning)	Lightening strike in Carmacks Area, Second Lightening strike on L178 while restoring. Some communication issues at Carmacks S255 sub.	Dawson (Feeder 1)	429	0.25
			Dawson (Feeder 2)	510	0.26
			L170 (S164 to Carmacks)	38	0.32
			L173 (Carmacks to Minto Landing)	1	0.37
			Dawson S250-52-2 (Hunker Feeder)	448	0.60
			L178 Carmacks to Faro - Not Including Faro Customers but including Faro Mine	23	0.56
			Faro 505(L356 Ross River Feeder)	22	0.76
			Faro 506(Feeder #2)	207	0.76
			Faro 507(Feeder #1)	139	0.76

Outage/Disturbance Report June 2022					
Date	Code	Comments	Location	# of Customers Affected	Duration Hrs.
Jun 06, 2022	203 (Generation Inadvertent)	P130 units began to unload at a steady rate. Dawson and Mayo feeders tripped on under frequency. SCC operator tripped S254-52-TR (Minto Mine) to get alternate generation to synchronize. P130 units then climbed at fast rate. Local operator Aishihik placed units to local control and lowered the output. The Aishihik trash rack differential elevation was very high. The trash rack was inspected and found to be plugged with a debris from a beaver dam.	Dawson S250-52-2 (Hunker Feeder)	448	0.21
			Mayo Town Feeder (S249-52-10)	385	0.18
			Dawson (Feeder 1)	429	0.18
			Dawson (Feeder 2)	510	0.21

			S254-52-TR (Minto Mine)	1	0.65
Jun 09, 2022	501 (Electrical Failure)	Outage caused due to issues with the WH4 governor.	S164-52-7 (Whistlebend Feeder)	1	0.60
			S150-52-17 (6L12)	1	0.96
Jun 09, 2022	501 (Electrical Failure)	Outage caused by an electrical issue with the WH4 governor.	S150-52-17 (6L12)	1	0.46
Jun 23, 2022	103 (Maintenance)	Planned power outage to replace power poles.	Faro 505, 506 and 507	368	2.20
Jun 23, 2022	400 (Lightning)	Outage event caused by lightning strike on L173.	L170 (S164 to Carmacks)	38	0.28
			L178 Carmacks to Faro - Including Faro	391	0.38
			Mayo Town Feeder (S249-52-10)	385	0.34
			S6838	1	0.90
Jun 25, 2022	301 (Falling Tree)	Tree on power line just east of Mendenhall.	Mayo Town Feeder (S249-52-10)	385	0.05
			L171 Champagne, Mendenhall and Stoney Creek	107	2.20
			S6838	1	0.68
			S150-52-22 (6L11)	14	0.66
Jun 25, 2022	203 (Generation Inadvertent)	Suspect blockage in cooling water system on AH2 caused unit to unload. Blackstart in P130 started causing comms delay to SCC so unit loading appeared to be the same. Local P130 operator reported steady climb to cooling water pressure over past few days with it returning to normal after event.	Mayo Town Feeder (S249-52-10)	385	0.10
			Dawson (Feeder 1)	429	0.12
			Dawson (Feeder 2)	510	0.14
			Dawson S250-52-2 (Hunker Feeder)	448	0.14
Jun 30, 2022	203 (Generation Inadvertent)	S258-52-3 Tripped by SCC to raise system frequency. AH2 unresponsive governor caused low frequency	S258-52-3 L251 to Eagle Gold	1	0.01
Jun 30, 2022	400 (Lightning)	Lightning Strike on L174 was the cause. L174 21A Zone Distance Trip L174 21B Zone Distance Trip	Dawson (Feeder 1)	429	0.21
			Dawson (Feeder 2)	510	0.29
			Dawson S250-52-2 (Hunker Feeder)	448	0.05