



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

Our File: 2703-05-04

July 9, 2025

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

RE: **YEC Outage Report - 2025 (Q2)**

To Whom It May Concern:

Please find the attached YEC outage report for the period of April to June 2025. This information is provided pursuant to the filing requirements of the **1996/7** settlement agreement and corresponding Board Order.

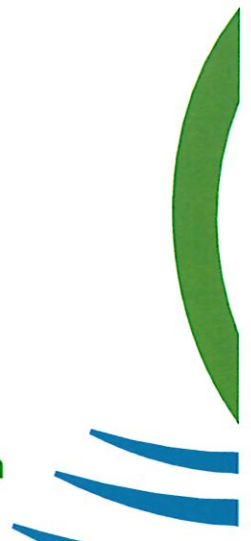
If you have any questions regarding the content within this report please do not hesitate to contact me.

Yours truly,

A large, stylized handwritten signature in black ink, appearing to read "Willy McKenma".

Willy McKenma
Vice President of Operations
willy.mckenna@yec.yk.ca
(867)393-5311

the power of yukon





Outage / Disturbance Report 2025

Outage/Disturbance Report April 2025					
Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Apr 06, 2025	301 (Falling Tree)	L453-52-20 breaker tripped. SCC attempted a reclose - unsuccessful. Dispatched a PLT to locate the issue. PLT found a tree on the powerline outside RCMP station. PLT removed tree and repaired damages.	Mayo Town Feeder (S249-52-10)	385	0.61
Apr 02, 2025	501 (Electrical Failure)	AH3 Tripped offline at 5mw output - resulting in U/F trip to some feeders in Dawson and Mayo. Reason for the AH3 trip was due to a failed PLC Card.	Dawson S250-52-2 (Hunker Feeder)	448	0.23
			Dawson (Feeder 3)	419	0.19
			Mayo Town Feeder (S249-52-10)	385	0.37
Apr 22, 2025	0 (Unknown)	Fault on L180 resulting in a Ground Distance Trip on L180 Relay A and B - S249-52-4 closed and held on the first attempt. S249-52-5 closed, S258-52-1 closed and held. Close time noted above is S258-52-1 as S258-52-3 did not open. Line patrol found nothing.	L180 and L250 (S249-52-4, S249-52-5, Elsa/Keno)	18	0.06
Apr 22, 2025	0 (Unknown)	Fault on L180 resulting in a Ground Distance Trip on L180 Relay A and B - S249-52-4 closed and held on the first attempt. Outage to all customers North of S249.	L180 and L250 (S249-52-4, S249-52-5, Elsa/Keno)	6	0.06

Outage/Disturbance Report May 2025					
Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
May 10, 2025	201 (Transmission Planned)	Switching to isolate L170 required L178 to be temporarily de-energized. Faro was on standby diesel, PT customers and mines had an outage.	L178 Carmacks to Faro - Not Including Faro Customers but including Faro Mine	23	0.69
May 15, 2025	203 (Generation Inadvertent)	WG3 tripped offline @ 4MW during a test run due to high spark plug ignition voltage. The resulting drop in frequency activated U/F protection on S6838, causing it to open.	S6838	1	0.27

May 16, 2025	201 (Transmission Planned)	Return to normal switching for L170 required outage to L178	L178 Carmacks to Faro - Not Including Faro Customers but including Faro Mine	23	0.40
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**Outage/Disturbance Report
June 2025**

Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Jun 06, 2025	800 (Human Element)	System Operator didn't bring on sufficient generation in a timely manner to match morning load growth. This resulted in low system frequency which prevented additional generation from being synched on to the grid. Frequency deteriorated until U/F settings were activated on Dawson (F1,F2,F3,Hunker) and Mayo (L453-52-20) distribution breakers.	Dawson (Feeder 2)	502	0.05
			Dawson (Feeder 3)	419	0.04
			Dawson S250-52-2 (Hunker Feeder)	448	0.03
			Mayo Town Feeder (S249-52-10)	385	0.37
Jun 11, 2025	301 (Falling Tree)	Tree fell across L178, causing transfer trip scheme to activate. Faro customers were restored off FD7, Drury Creek by standby diesel. Helicopter line patrol the next morning identified the tree and it was removed.	L178 Carmacks to Faro - Not Including Faro Customers but including Faro Mine	23	18.62
			Faro Distribution Customer(s)	390	0.60
			T178D (Drury Creek)	18	1.88
Jun 14, 2025	0 (Unknown)	S254-52-TR opened de-energizing Minto Mine. Minto Mine personnel investigated and could not find a cause.	S254-52-TR (Minto Mine)	1	1.65
Jun 19, 2025	801 (Switching Error)	A switching error by System Operator during DCVC work resulted in an outage to F1, F2, F3 and Hunker Creek.	Dawson (Feeder 1)	37	0.97
			Dawson (Feeder 2)	502	0.97
			Dawson (Feeder 3)	419	0.97
			Dawson S250-52-2 (Hunker Feeder)	448	0.01
Jun 24, 2025	400 (Lightning)	Lightning strike in the area of Eagle Gold Mine reportedly initiated protections on S258-52-3, opening the breaker.	S258-52-3 L251 to Eagle Gold	1	11.60
Jun 08, 2025	100 (Scheduled Outage)	Planned outage for DCVC	Dawson Distribution Customer(s)	52	4.23
Jun 09, 2025	100 (Scheduled Outage)	Planned outage for DCVC	Dawson Distribution Customer(s)	112	0.25
Jun 10, 2025	100 (Scheduled Outage)	Planned outage for DCVC	Dawson Distribution Customer(s)	114	1.07
Jun 10, 2025	100	Planned outage for DCVC	Dawson Distribution	100	4.67

	(Scheduled Outage)		Customer(s)		
Jun 11, 2025	100 (Scheduled Outage)	Planned outage for DCVC	Dawson Distribution Customer(s)	458	2.60
Jun 30, 2025	301 (Falling Tree)	Tree on line in Mendenhall blew a fuse at S171-89-4B and impacted frequency on the system sufficiently to activate U/F protection on L453-52-20 in Mayo.	Mayo Town Feeder (S249-52-10)	385	0.10
			Mendenhall Customers (66) + Stoney Creek Customers (8) (same feed)	74	1.10
Jun 30, 2025	203 (Generation Inadvertent)	DD5 AVR failure caused it to go offline. L440-52-1 opened on U/F.	Dawson (Feeder 1)	429	0.21