



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

Our File: 2703-05-04

April 11, 2025

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

RE: YEC Outage Report - 2025 (Q1)

To Whom It May Concern:

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

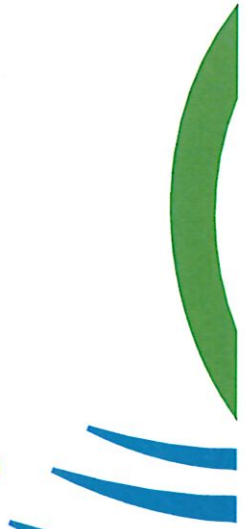
If you have any questions regarding the content within this report please do not hesitate to contact me.

Yours truly,

A handwritten signature in blue ink that reads "Ed Peake".

Ed Peake
Vice President of Operations
ed.peake@yec.yk.ca
(867)393-5383

the power of yukon





Outage / Disturbance Report 2025

Outage/Disturbance Report January 2025					
Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Jan 11, 2025	604 (Ice/Icing)	Outage to all customers on L177 and Dawson. PLT suspects frost knocking off lines with high wind in the area.	L177 not including Dawson City	3	0.50
			Dawson S250-52-2 (Hunker Feeder)	448	0.50
			Dawson (Feeder 1)	37	0.21
			Dawson (Feeder 2)	502	0.38
			Dawson (Feeder 3)	419	0.29
Jan 19, 2025	901 (Wildlife (Bird/Animal))	Raven blew transformer fuse PP135 and feeder breaker tripped.	Faro 506(Feeder #2)	223	0.03
			Faro Distribution Customer(s)	5	2.92
Jan 22, 2025	604 (Ice/Icing)	A & B phase fault on L250 opened breaker at McQuesten. Suspect frost on lines. Outage occurred as weather warmed up.	L250 (S258-52-2 to Keno)	3	0.08
Jan 07, 2025	0 (Unknown)	No alarms picked up on SCADA to indicate cause of breaker 870S-505 opening twice.	Faro 505(L356 Ross River Feeder)	23	0.02
			Faro 505(L356 Ross River Feeder)	23	0.01

Outage/Disturbance Report February 2025					
Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Feb 18, 2025	808 (Other Human Element)	Control issue during LNG tank swap caused all LNG units to trip. Underfrequency trip on S6838.	S6838	1	0.25
Feb 19, 2025	808 (Other Human Element)	Control issue during LNG tank swap caused all LNG units to trip. Underfrequency trip on S6838.	S6838	1	0.42

Outage/Disturbance Report March 2025					
Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Mar 09, 2025	502 (Mechanical Failure)	AH2 Tripped Offline on Low Governor Oil Resulting in S6838 opening. Low Governor oil was the result of a belt snapping on the governor pump, causing a loss of pressure.	S6838	1	0.45
Mar 03, 2025	0 (Unknown)	870S-505 Opened - Issued a close command and it closed and held. Cause unknown.	Faro 505(L356 Ross River Feeder)	22	0.01
Mar 26, 2025	0 (Unknown)	P158-52-F2 protections registered undervoltage as well as P158 under frequency Stage 4 tripping S256-52-2. No Generation tripped allowing to re close S256-52-2 and Sync close S250-52-5. Remainder of restoration from grid inertia and DD1 + DD2 stability. Quick restoration.	L177 not including Dawson City	3	0.04
			Dawson (Feeder 2)	502	0.08
			Dawson (Feeder 3)	419	0.13
Mar 25, 2025	802 (Protection Setting)	Planned relay update and testing at Callison for the new Callison diesel site resulted in protection settings acting on what they believed was a fault causing the express feeder breaker to open and island Dawson. Not enough generation was online in Dawson to support the town load at this time.	Dawson (Feeder 2)	502	0.12
			Dawson (Feeder 3)	419	0.18
			Dawson S250-52-2 (Hunker Feeder)	448	0.08
Mar 20, 2025	102 (Construction)	Planned outage required to accommodate construction of new Callison diesel plant.	Dawson S250-52-2 (Hunker Feeder)	448	3.32