



# Outage / Disturbance Report 2023

Outage/Disturbance Report July 2023					
Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Jul 01, 2023	400 (Lightning)	Outage due to lightning	Dawson (Feeder 2)	510	0.13
			Dawson (Feeder 1)	429	0.10
			Mayo Town Feeder (S249-52-10)	385	0.49
Jul 06, 2023	200 (Loss of Supply)	WH4 Overspeed Trip	S6838	1	0.43
			S150-52-17 (6L12)	1	0.40
			S150-52-22 (6L11)	14	0.41
Jul 09, 2023	301 (Falling Tree)	Suspected tree hitting line	Faro 505(L356 Ross River Feeder)	22	1.21
Jul 17, 2023	201 (Transmission Planned)	GOI 23-420	Dawson S250-52-2 (Hunker Feeder)	448	5.47
Jul 18, 2023	0 (Unknown)	Unknown cause. Re-closed fine on first attempt.	Faro 505(L356 Ross River Feeder)	22	0.02
Jul 21, 2023	201 (Transmission Planned)	Scheduled work for GOI 23-430	Mayo Town Feeder (S249-52-10)	385	3.22
Jul 21, 2023	400 (Lightning)	Outage due to lightning	S150-52-22 (6L11)	14	0.80
			S150-52-17 (6L12)	1	0.60
			S6838	1	0.71
			L178 Carmacks to Faro - Including Faro	391	0.28
Jul 23, 2023	400 (Lightning)	Lightening in area	S255-52-1 (L178)	373	0.06
Jul 25, 2023	400 (Lightning)	There where Thunderstorms in the Area, most likely a Lightning strike	L171 Champagne, Mendenhall, and Stoney Creek	107	0.03
			S167-52-2 (Haines Junction Feeder)	8	0.05

Jul 31, 2023	400 (Lightning)	Suspected (2) Lightning strikes about 5 minutes apart on L176. Only effected Stewart Distribution.	L176 (Stewart North to Mayo)	1	2.43
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<b>Outage/Disturbance Report August 2023</b>					
<b>Date</b>	<b>Code</b>	<b>Comments</b>	<b>Location</b>	<b># of Customers Affected</b>	<b>Duration Hrs</b>
Aug 01, 2023	201 (Transmission Planned)	GOI 23-474	Dawson S250-52-2 (Hunker Feeder)	448	6.80
Aug 03, 2023	301 (Falling Tree)	Suspected tree on line	Dawson S250-52-2 (Hunker Feeder)	448	0.07
			S252-52-2 (Pelly Crossing Feeder)	1	0.09
			S6838	1	0.50
Aug 03, 2023	910 (Other Utilities)	Phantom loading issue caused an approximate 4MW load pickup.	Mayo Town Feeder (S249-52-10)	385	1459.94
Aug 06, 2023	105 (Forced Switching)	Forced Trip due to Bus Voltage Low on the grid. Suspected issue is Phantom Load. Screenshots have been taken and circulated to group and SCC Supervisor.	Dawson S250-52-2 (Hunker Feeder)	448	0.13
Aug 06, 2023	806 (Commissioning Error)	Commissioning plan did not include a system constraint that led to forced outage to restore parts of Dawson to grid.	Dawson S250-52-2 (Hunker Feeder)	448	0.00
Aug 07, 2023	400 (Lightning)	Lightning strike on L176 35km from the sub. PP127. Outage on L176 only affected Stewart Distribution.	S256-52-1	1	1.09
			S6838	1	0.73
Aug 11, 2023	910 (Other Utilities)	Phantom Load Event	Dawson (Feeder 2)	510	0.04
			Dawson S250-52-2 (Hunker Feeder)	448	0.03
			Mayo Town Feeder (S249-52-10)	385	0.04
Aug 16, 2023	201 (Transmission Planned)	Planned work for GOI 23-512	Dawson (Feeder 2)	510	3.09
Aug 17, 2023	201 (Transmission Planned)	To support GOI 23-513	Dawson (Feeder 1)	429	3.85
Aug 20, 2023	301 (Falling Tree)	Fire rating low, Notified Atco about L355 outage, Reclosed and the breaker held.	L355 (Haines Junction Line)	8	0.13
Aug 25, 2023	0 (Unknown)	Line patrol found no obvious cause.	S150-52-22 (6L11)	14	1.61

Aug 30, 2023	400 (Lightning)	Suspected Lightning Strike	Dawson (Feeder 1)	429	1.13
			Dawson (Feeder 2)	510	1.16
			L177 not including Dawson City	3	0.12

<b>Outage/Disturbance Report September 2023</b>					
<b>Date</b>	<b>Code</b>	<b>Comments</b>	<b>Location</b>	<b># of Customers Affected</b>	<b>Duration Hrs</b>
Sep 15, 2023	0 (Unknown)	From S258, Ground Fault -40.1 km One shot reclose, no issues	L180 and L250 (S249-52-4, S249-52-5, Elsa/Keno)	18	0.14
Sep 26, 2023	0 (Unknown)	Breaker tripped, no indications as to cause, no personnel available for proper line patrol. SCC reclosed first shot and held.	Faro 505(L356 Ross River Feeder)	22	0.01
Sep 27, 2023	901 (Wildlife (Bird/Animal))	Bird located at McRay sub.	S150-52-22 (6L11)	14	1.01