



# Outage / Disturbance Report 2023

Outage/Disturbance Report April 2023					
Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Apr 02, 2023	203 (Generation Inadvertent)	WG2 and WG3 tripped out of LNG Temperature reasons	S258-52-3 L251 to Eagle Gold	1	0.05
Apr 18, 2023	202 (Transmission Inadvertent)	Line contact between Carcross cutoff and Teslin	Johnson Crossing	12	4.30
Apr 19, 2023	301 (Falling Tree)	Tree on line	Johnson Crossing	12	2.05
Apr 21, 2023	202 (Transmission Inadvertent)	Over current 50/51	S167-52-2 (Haines Junction Feeder)	8	3.80

Outage/Disturbance Report May 2023					
Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
May 08, 2023	704 (Flood)	Flooding in Rock Creek (Customer numbers are approximate as per PLT reporting)	Dawson Distribution Customer(s)	40	46.55
May 25, 2023	300 (Tree Contacts)	L177 B Relay Ground distance trip 148.1 Kms from S256	Dawson (Feeder 1)	429	0.11
			Dawson (Feeder 2)	510	0.12
			Dawson S250-52-2 (Hunker Feeder)	448	1.07

<b>Outage/Disturbance Report June 2023</b>					
<b>Date</b>	<b>Code</b>	<b>Comments</b>	<b>Location</b>	<b># of Customers Affected</b>	<b>Duration Hrs</b>
Jun 12, 2023	503 (Defective Equipment/Material)	Initial generator was having issues. This outage was to swap out generators.	Champagne Customer(s)	33	0.10
Jun 12, 2023	102 (Construction)	Transfer to mobile diesel	Champagne Customer(s)	33	0.03
Jun 12, 2023	301 (Falling Tree)	Initial outage due to tree on transmission line.	L178 Carmacks to Faro - Not including Faro Customers or Faro Mine	21	3.72
Jun 12, 2023	301 (Falling Tree)	Tree found on line near Little Salmon Lake Campground between structures 1178 and 1179	L178 Carmacks to Faro - Not Including Faro Customers but including Faro Mine	23	1.71
			Faro 505(L356 Ross River Feeder)	22	0.15
			Faro 506(Feeder #2)	207	0.14
			Faro 507(Feeder #1)	139	0.14
Jun 13, 2023	301 (Falling Tree)	Return to grid power from local diesel after powerline restoration from fallen tree.	L178 Carmacks to Faro - Not including Faro Customers or Faro Mine	21	0.03
Jun 14, 2023	102 (Construction)	Planned return to grid from mobile diesel after project work complete	Champagne Customer(s)	33	0.03
Jun 14, 2023	901 (Wildlife (Bird/Animal))	Breaker tripped. Fire rating moderate. SCC closed and breaker held.	Faro 505(L356 Ross River Feeder)	22	0.01
Jun 18, 2023	203 (Generation Inadvertent)	WH4 Governor pressure low trip MBH1 and MBH2 86M and 86E. All feeders opened on U/F	Dawson (Feeder 2)	510	0.07
			Dawson S250-52-2 (Hunker Feeder)	448	0.10
			S164-52-7 (Whistle bend Feeder)	1	0.82
			S6838	1	0.84
			S150-52-22 (6L11)	14	0.85
Jun 19, 2023	400 (Lightning)	Lightning	S253-52-T1 Minto Mine, NWTel and two AEY Feeds	4	3.38
Jun 19, 2023	808 (Other Human Element)	WH4 Governor pressure low trip on test run after troubleshooting from last trip.	Dawson (Feeder 1)	429	0.18
			Dawson (Feeder 2)	510	0.25

			S150-52-17 (6L12)	1	0.73
			S164-52-7 (Whistle bend Feeder)	1	0.81
			Dawson S250-52-2 (Hunker Feeder)	448	0.85
Jun 20, 2023	808 (Other Human Element)	WH4 HPU Accumulator level – low alarm WH4 Governor Oil Level Alarm Trip MBH1 tripped on 86E Feeders tripped on U/F	Dawson S250-52-2 (Hunker Feeder)	448	0.44
			Dawson (Feeder 2)	510	0.46
			Mayo Town Feeder (S249-52-10)	385	0.37
Jun 21, 2023	808 (Other Human Element)	WH4 Governor oil level low. MBH1 Trip	Mayo Town Feeder (S249-52-10)	385	0.16
			Dawson (Feeder 1)	429	0.28
			Dawson (Feeder 2)	510	0.29
			Dawson S250-52-2 (Hunker Feeder)	448	0.31
			S164-52-7 (Whistle bend Feeder)	1	0.58
Jun 22, 2023	400 (Lightning)	Lightning	Faro 505(L356 Ross River Feeder)	22	0.29
			Faro 506(Feeder #2)	207	0.28
			Faro 507(Feeder #1)	139	0.27
Jun 23, 2023	400 (Lightning)	Distance relays and transfer trips put a lightning strike 10-15km's east of Carmacks on L178.	Dawson (Feeder 1)	429	0.29
			Dawson (Feeder 2)	510	0.31
			Dawson S250-52-2 (Hunker Feeder)	448	1.20
			Faro 506(Feeder #2)	207	0.15
			Faro 507(Feeder #1)	139	0.15
			Mayo Town Feeder (S249-52-10)	385	2.07
Jun 28, 2023	301 (Falling Tree)	Trees on L170 shortly before Carmacks Substation Breaker	Dawson (Feeder 1)	429	0.32
			Dawson (Feeder 2)	510	0.33
			Dawson S250-52-2 (Hunker Feeder)	448	0.46
			Mayo Town Feeder (S249-52-10)	385	0.35
			S254-52-TR (Minto Mine)	1	4.03

			L178 Carmacks to Faro - Not Including Faro Customers but including Faro Mine	23	2.87
			Faro Distribution Customer(s)	368	2.91