



# Outage / Disturbance Report 2021

Outage/Disturbance Report April 2021					
Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Apr 24, 2021	0 (Unknown)	S249-52-4/5/6 tripped, no SCADA indication of cause. RAS-1A was Armed (No SCADA visibility) and that according to RAS, S249-52-4/5/6 were indicating open Mayo RAS is now disarmed.	L180, L250 and L251 (S249-52-4 and S249-52-5 Trip)	2	0.16
			L250 (S258-52-2 to Keno)	3	0.20
			S258-52-3 L251 to Eagle Gold	1	0.27
Apr 26, 2021	103 (Maintenance)	Planned outage to change fuses in Minto Mine for Cap Bank. S254-52-C1 not closing. Work completed under CSP 21-347. Breaker affected was S254-52-1. This breaker to be entered into outage stats database	S254-52-TR (Minto Mine)	1	0.14

Outage/Disturbance Report May 2021					
Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
May 13, 2021	201 (Transmission Planned)	Planned power outage under GOI 21-383.	Faro 506(Feeder #2)	207	2.08
May 15, 2021	0 (Unknown)	S256 L177 Directional ground overcurrent on both A and B relays. A: 89.4Km/113.0 A B: 169.6Km/96.0 A	L177 not including Dawson City	3	0.03
			Dawson (Feeder 1)	429	0.18
			Dawson (Feeder 2)	510	0.13
			Dawson S250-52-2 (Hunker Feeder)	448	0.09
May 21, 2021	906 (Customer Equipment)	Minto Mine reported one of their 900H.P. Mill Motors was most likely the cause of the last two outages.	S253-52-F2 (L254)	3	0.30

May 27, 2021	906 (Customer Equipment)	Minto Mine tripped off. Suspect faulty equipment at the mine site as S254-52-F1 and S254-52-C1 both locked out and indicated DMS 2 and 4 81.	S254-52-TR (Minto Mine)	1	0.42
May 27, 2021	304 (Off-ROW Tree)	S256-L177 Distance Relay A 5.6 KM Relay B 4.3 KM. Hold off permits and lack of comms slowed restoration. Tree contact most likely the cause.	L177 not including Dawson City	3	0.24
			Dawson S250-52-2 (Hunker Feeder)	448	0.44
			Dawson (Feeder 1)	429	0.35
			Dawson (Feeder 2)	510	0.37

<b>Outage/Disturbance Report June 2021</b>					
<b>Date</b>	<b>Code</b>	<b>Comments</b>	<b>Location</b>	<b># of Customers Affected</b>	<b>Duration Hrs</b>
Jun 03, 2021	0 (Unknown)	Targets/Flags: S164 L170 Zone 1 Ground Fault, 20A , Possible 50KM (point shows failed)  Comments:  Dawson and Faro restored on Diesel  Faro and Minto on diesel early in the outage (~20min)  VG went on Diesel at 19:17:25	L170 (S164 to Carmacks)	38	0.25
			Dawson (Feeder 1)	429	0.30
			Dawson (Feeder 2)	510	0.32
			Dawson S250-52-2 (Hunker Feeder)	448	0.35
			Faro 506(Feeder #2)	207	0.42
			Faro 507(Feeder #1)	139	0.43
			Faro 505(L356 Ross River Feeder)	22	0.44
			L178 Carmacks to Faro - Not Including Faro Customers but including Faro Mine	23	1.54
			S253-52-T1 Minto Mine, NWTel and two AEY Feeds	4	9.75
Jun 07, 2021	906 (Customer Equipment)	Faro mine reports that they had a line fall down.	L178 Carmacks to Faro - Not including Faro Customers or Faro Mine	21	0.06
			Faro 505(L356 Ross River Feeder)	22	0.06
			Faro 506(Feeder #2)	207	0.11
			Faro 507(Feeder #1)	139	0.12

			S162 Faro Mine	1	24.57
Jun 11, 2021	400 (Lightning)	Lightning reported at time of outage. Fire danger extreme so PLT performing line patrol before closing breaker.	S258-52-3 L251 to Eagle Gold	1	2.05
Jun 17, 2021	103 (Maintenance)	Planned power outage under GOI 21-455.	Faro 506(Feeder #2)	207	4.07
Jun 17, 2021	906 (Customer Equipment)	Most likely a fault a Minto Mine again. No other cause discovered.	S253-52-F1 (NWTel Feeder)	1	0.16
			S254-52-TR (Minto Mine)	1	0.15
Jun 26, 2021	301 (Falling Tree)	L178 tripped. Extreme fire rating for both Carmacks and Ross River. Had to fly line before reclosing. 2 trees discovered near structure 1437. Ross River was left on diesel over night until liner inspection could be carried out. L178 was left out over night until line inspection could be carried out.	Faro 505(L356 Ross River Feeder)	22	3.09
			Faro 506(Feeder #2)	207	0.22
			Faro 507(Feeder #1)	139	0.22
			S255-52-1 (L178)	22	14.22
Jun 30, 2021	302 (Broken Branch)	Tree contact on L356	Faro 505(L356 Ross River Feeder)	22	0.03
Jun 30, 2021	906 (Customer Equipment)	Minto Mine - Mine equip related fault	S254-52-1 (Minto Mine)	1	0.20