

Our File: 2/ 2703-05-04

October 1, 2018

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

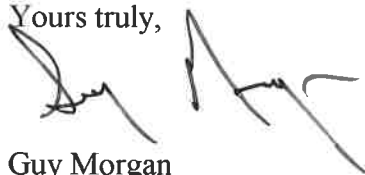
Attention: Mr. Bob Laking, Chair

**Re: YEC Outage Report – 2018 (Q3)**

Please find attached the YEC outage report for the period of July to September 2018. 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 the undersigned.

Yours truly,



Guy Morgan  
Director, Operations  
[Guy.Morgan@yec.yk.ca](mailto:Guy.Morgan@yec.yk.ca)  
393-5366

Enclosure

CC via email : Jay Massie, ATCO Electric Yukon



# Outage / Disturbance Report Q3 2018

Outage/Disturbance Report July 2018				Location	# of Customers Affected	Duration Hrs
Date	Code	Comments	Location	# of Customers Affected	Duration Hrs	
Jul 10, 2018	901 (Wildlife (Bird/Animal))	ATCO reported a bird was the cause of this outage.	S164-52-7 (Whistlebend Feeder)	1	0.63	
Jul 19, 2018	501 (Electrical Failure)	Faro outage. FD7 tripped off line. After investigation a fried contact to the Beckwith was discovered.	Faro 505, 506 and 507	282	0.21	
Jul 24, 2018	501 (Electrical Failure)	WH3 tripped on an 86E Electrical Fault.	Dawson (Feeder 1)	466	1.76	
			Dawson (Feeder 2)	468	1.77	
			Dawson S250-52-2 (Hunker Feeder)	460	1.78	
			S6838	1	0.89	
			9L (S150-52-22)	15	0.64	
			10L (S150-52-21)	1	1.32	
Jul 09, 2018	506 (Other Equipment Failure)	After opening breaker 503 in Faro, the automatic transfer switch for FD1 station service switched over and caused the unit to trip off line. Faro and Ross River experienced a brief power outage as a result.	Faro 505, 506 and 507	282	0.04	
	301 (Falling Tree)	Extreme fire ratings were in the area so L178 had to be patrolled before the line could be energized. It was reported that the line was clear of damage, and obstructions, and it was safe to energize the line. The operator called for a close and fed a fault causing the line to open again. Another patrol was done and a tree was found on the line on the Faro side of Drury Creek.	L178 Carmacks to L178-89-1314 (Drury Creek on grid power thru T170D-89-6)	13	7.33	
			Faro 505(L356 Ross River Feeder)	12	0.31	
			Faro 506(Feeder #2)	135	0.30	
			Faro 507(Feeder #1)	135	0.30	
			Faro Mine	1	24.65	
			L178 Carmacks to L178-89-1314 (Drury Creek on grid power thru T170D-89-6)	13	0.43	

Jul 27, 2018	301 (Falling Tree)	Earlier today S255-52-1 tripped. Outages in Faro and along L178 were experienced. SCC was just informed that Whitehorse P.L.T flew the line and the all clear was given to SCC to re-energize the power line. After closing S255-52-1 it tripped immediately. Whitehorse P.L.T flew the line again and discovered a tree was discovered on the power line just north of Drury Creek. As it was getting too late to remove the tree, L178 was isolated from North of Drury Creek to Faro for the night. The next day (July 28) the tree was removed and L178 was reenergized.	Dawson S250-52-2 (Hunker Feeder)	460	0.15
			Dawson (Feeder 2)	468	0.19

### Outage/Disturbance Report August 2018

Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Aug 13, 2018	201 (Transmission Planned)	Planned power outage for Champagne to return L171 to service.	Champagne Customer(s)	39	0.10
Aug 13, 2018	201 (Transmission Planned)	Mendenhall planned power outage to return L171 back to service under GOI 18-408.	Mendenhall Customer(s)	59	0.03
Aug 19, 2018	901 (Wildlife (Bird/Animal))	S252-52-1 Tripped causing an outage for AEY's Customers in Pelly Crossing.	S252-52-2	1	0.05
Aug 26, 2018	901 (Wildlife (Bird/Animal))	Dead squirrel discovered in substation.	Faro 507(Feeder #1)	135	0.03

### Outage/Disturbance Report September 2018

Date	Code	Comments	Location	# of Customers Affected	Duration Hrs
Sep 12, 2018	911 (Other foreign Interference)	A contractor wash washing the building at the time; all five Dawson Diesel units locked out and both Feeder 1 and Feeder 2 tripped. The contractor mistakenly connected to the sprinkler system causing a low pressure alarm that trips the feeders and units off. The only two thing that will trip all units and feeders are the emergency shutdown button or the sprinkler system.	Dawson (Feeder 1) Dawson (Feeder 2)	466 468	0.35 0.27