

ATCO Electric

YUKON

July 27, 2018

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

Attention: Deana Lemke, Yukon Utilities Board Executive Secretary

Dear Deana:

Re: Service Interruptions

In accordance with Board Decision 1989-5, attached is the summary of major unplanned outages for the months of April, May and June of 2018. A major outage has, for the purposes of these reports, been defined as an interruption of any length involving either a significant number of customers or a small community.

Please contact me at 633-7080, if you require any additional information or clarification.

Yours Sincerely,

ATCO Electric Yukon



for. Jay Massie,
Manager

JM:cm
Encl.

\\YUB\yub interruption report

Outages



Service Area 571 Whitehorse	Location Wh-Logan	Customer-Hrs of Interruption 622:18
Date Reported 2018-06-16	City/Town Whitehorse	Number of Customers Affected 889
Outage Number AMI00242	Time Reported 11:10	Avg. Customer Outage Duration :42
Planned Unplanned	First Interruption 11:05	Explanations and Comments Outage caused by raven on line.
Sub Number S170 McIntyre	Last Restoration 11:47	
Line Number 6L14	Primary Cause 9 Bird/Animal	
	CEA Coding Foreign Interference	

Service Area 574 Carcross	Location Carcross	Customer-Hrs of Interruption 1858:40
Date Reported 2018-06-16	City/Town Carcross/Tagish	Number of Customers Affected 1360
Outage Number AMI00243	Time Reported 13:23	Avg. Customer Outage Duration 1:22
Planned Unplanned	First Interruption 13:23	Explanations and Comments Strong winds blew tree onto 34.5 kv line close to Bear Creek causing fault and tripping breaker S6839
Sub Number 301 Carcross	Last Restoration 14:45	
Line Number 6L18	Primary Cause 2 Trees	
	CEA Coding Trees	

Service Area 571 Whitehorse	Location Wh-North Klondike Hwy	Customer-Hrs of Interruption 362:30
Date Reported 2018-04-15	City/Town WHITEHORSE	Number of Customers Affected 175
Outage Number BAC00303	Time Reported 4:20	Avg. Customer Outage Duration 2:04
Planned Unplanned	First Interruption 4:20	Explanations and Comments Outage caused by heavy frost on the lines.
Sub Number 21 LaBerge	Last Restoration 6:50	
Line Number 5L645	Primary Cause 4 Icing	
	CEA Coding Adverse Weather	

Service Area 590 Lower Post	Location Lower Post	Customer-Hrs of Interruption 743:12
Date Reported 2018-06-26	City/Town Lower Post	Number of Customers Affected 90
Outage Number CGK00120	Time Reported 8:00	Avg. Customer Outage Duration 8:15
Planned Unplanned	First Interruption 1:00	Explanations and Comments Outage was caused by a failed insulator. Toby repaired insulator and re-energized line from substation. Toby did not realize that breaker S2989 had opened while he was trouble shooting the original fault. Call was received at 0800hrs to report that Lower Post was still off. Calvin found S2989 still open. Calvin closed S2989 all customers back on.
Sub Number 31 Watson Lake	Last Restoration 11:12	
Line Number 5L619	Primary Cause 8 Equipment Failure	
	CEA Coding Defective Equipment	

Outages



Service Area 571 Whitehorse	Location Wh-Alaska Hwy South	Customer-Hrs of Interruption 2958.00
Date Reported 2018-04-10	City/Town Whitehorse	Number of Customers Affected 2958
Outage Number RSM00530	Time Reported 15:58	Avg. Customer Outage Duration 1:00
Planned Unplanned	First Interruption 15:58	Explanations and Comments YEC lost generation causing S150-52-22 to open. Restored system when generation was available.
Sub Number S150 Whitehorse	Last Restoration 16:58	
Line Number 6L19	Primary Cause 13 YEC U/F Load Shed	
	CEA Coding Loss of Supply - Yukon Ener	

Service Area 571 Whitehorse	Location Wh-Porter Creek	Customer-Hrs of Interruption 1211.00
Date Reported 2018-04-11	City/Town Whitehorse	Number of Customers Affected 2422
Outage Number RSM00531	Time Reported 10:40	Avg. Customer Outage Duration 0:30
Planned Unplanned	First Interruption 10:40	Explanations and Comments Under frequency caused S6838 to trip off. Loss of supply. Restored system.
Sub Number 17 McIntyre	Last Restoration 11:10	
Line Number 6L16	Primary Cause 13 YEC U/F Load Shed	
	CEA Coding Loss of Supply - Yukon Ener	

Service Area 571 Whitehorse	Location Wh-Porter Creek	Customer-Hrs of Interruption 1750.00
Date Reported 2018-04-13	City/Town Whitehorse	Number of Customers Affected 840
Outage Number RSM00532	Time Reported 12:02	Avg. Customer Outage Duration 2:05
Planned Unplanned	First Interruption 12:02	Explanations and Comments Cement pump truck contacted secondary and primary lines at 2008 Centennial Rd. Breaker tripped off as a result of contact. Crews secured scene and we restored customers and repaired line.
Sub Number 6 Porter Creek	Last Restoration 14:07	
Line Number 4L304	Primary Cause 6 Vehicles	
	CEA Coding Foreign Interference	

Service Area 572 Haines Junction	Location Haines Junction	Customer-Hrs of Interruption 566.30
Date Reported 2018-06-16	City/Town Haines Junction	Number of Customers Affected 309
Outage Number RTW00351	Time Reported 18:50	Avg. Customer Outage Duration 1:50
Planned Unplanned	First Interruption 18:35	Explanations and Comments Large spruce tree up routed in the wind and fell into 3 phase dead end beside old plant location. Removed tree and re energized line.
Sub Number 20 Haines Junction	Last Restoration 20:25	
Line Number 5L610	Primary Cause 3 Wind	
	CEA Coding Adverse Weather	

Outages



Service Area 575 Carmacks

Location Carmacks

Customer-Hrs of Interruption 297:40

Date Reported 2018-05-05

City/Town Carmacks

Number of Customers Affected 188

Outage Number SMB00205

Time Reported 15:47

Avg. Customer Outage Duration 1:35

Planned Unplanned

First Interruption 15:47

Explanations and Comments

Sub Number 18 Carmacks

Last Restoration 17:22

Tree on 3 phase near RCMP detachment. Yukon Energy line crew reported and assisted AEY with restoring power.

Line Number 5L606

Primary Cause 2 Trees

CEA Coding Trees