

July 20, 2020

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

Attention: Deana Lemke, Yukon Utilities Board Executive Secretary

Dear Deana Lemke:

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 2020. 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,



Bill Cullen, PLT
Manager
ATCO Electric Yukon

WPC/vlm
Encl.

Outages

Service Area 571 Whitehorse	Location Wh-Downtown	Customer-Hrs of Interruption 2560:15
Date Reported 2020-05-16	CityTown Whitehorse	Number of Customers Affected 735
Outage Number AMI00260	Time Reported 8:20	Avg. Customer Outage Duration 3:29
Planned Unplanned	First Interruption 8:20	Explanations and Comments Connector failed causing damage to line.
Sub Number Selkirk	Last Restoration 11:49	
Line Number 4L322	Primary Cause 8 Equipment Failure	
	CEA Coding Defective Equipment	

Service Area 571 Whitehorse	Location Wh-Riverdale	Customer-Hrs of Interruption 6904:31
Date Reported 2020-05-19	CityTown Whitehorse	Number of Customers Affected 2897
Outage Number AMI00261	Time Reported 19:20	Avg. Customer Outage Duration 2:23
Planned Unplanned	First Interruption 19:13	Explanations and Comments Animal interference on substation equipment.
Sub Number S150 Whitehorse	Last Restoration 21:36	
Line Number 6L12	Primary Cause 9 Bird/Animal	
	CEA Coding Foreign Interference	

Service Area 592 Marsh Lake	Location Marsh Lake	Customer-Hrs of Interruption 712:30
Date Reported 2020-06-05	CityTown Judas creek	Number of Customers Affected 150
Outage Number JJS00059	Time Reported 21:10	Avg. Customer Outage Duration 4:45
Planned Unplanned	First Interruption 21:00	Explanations and Comments Tree on line caused outage to New Constabulary tap.
Sub Number 11 McCrae	Last Restoration 1:45	
Line Number 5L615	Primary Cause 2 Trees	
	CEA Coding Trees	

Service Area 571 Whitehorse	Location System Outage	Customer-Hrs of Interruption 1918:34
Date Reported 2020-04-07	CityTown Whitehorse	Number of Customers Affected 2838
Outage Number MPJ00344	Time Reported 8:40	Avg. Customer Outage Duration :40
Planned Unplanned	First Interruption 8:35	Explanations and Comments YEC loss of generation. S164 opened at Takhini.
Sub Number S164 Takhini-Switc	Last Restoration 9:34	
Line Number 6L17	Primary Cause 13 YEC U/F Load Shed	
	CEA Coding Loss of Supply - Yukon Ener	

Outages

Service Area 580 Keno City	Location Keno City	Customer-Hrs of Interruption 197:52
Date Reported 2020-04-08	CityTown	Number of Customers Affected 53
Outage Number MPJ00346	Time Reported	Avg. Customer Outage Duration 3:44
Planned Unplanned	First Interruption 15:20	Explanations and Comments Outage to Keno City. Equipment failure needed to be repaired immediately. The XQ was not available, customers in Keno City were off while repairs were made.
Sub Number S257 Keno	Last Restoration 19:04	
Line Number 3L403	Primary Cause 8 Equipment Failure	
	CEA Coding Defective Equipment	

Service Area 571 Whitehorse	Location Wh-Multiple Areas	Customer-Hrs of Interruption 2542:39
Date Reported 2020-05-07	CityTown Whitehorse	Number of Customers Affected 2877
Outage Number MPJ00348	Time Reported 3:02	Avg. Customer Outage Duration :53
Planned Unplanned	First Interruption 3:02	Explanations and Comments Loss of supply from YEC on underfrequency.
Sub Number S150 Whitehorse	Last Restoration 4:18	
Line Number 6L12	Primary Cause 13 YEC U/F Load Shed	
	CEA Coding Loss of Supply - Yukon Ener	

Service Area 571 Whitehorse	Location Wh -Downtown	Customer-Hrs of Interruption 43:45
Date Reported 2020-05-25	CityTown Whitehorse	Number of Customers Affected 75
Outage Number RSM00605	Time Reported 13:00	Avg. Customer Outage Duration :35
Planned Unplanned	First Interruption 13:25	Explanations and Comments Immediate required maintenance to replace damaged insulator.
Sub Number 303 Shipyards	Last Restoration 14:00	
Line Number 4L322	Primary Cause 8 Equipment Failure	
	CEA Coding Defective Equipment	

Service Area 582 Ross River	Location Ross River	Customer-Hrs of Interruption 19:55
Date Reported 2020-04-27	CityTown Ross River	Number of Customers Affected 239
Outage Number TCL00074	Time Reported 19:30	Avg. Customer Outage Duration :05
Planned Unplanned	First Interruption 15:20	Explanations and Comments YEC had a fault on line feeding Faro causing a loss of generation to Faro as well as Ross River, AEY plant picked up the town due to loss of generation.
Sub Number 19 Ross River	Last Restoration 15:25	
Line Number 5L618	Primary Cause 13 YEC U/F Load Shed	
	CEA Coding Loss of Supply - Yukon Ener	

Outages

Service Area 573 Watson Lake	Location Watson Lake	Customer-Hrs of Interruption 286:40
Date Reported 2020-05-13	CityTown Watson Lake	Number of Customers Affected 344
Outage Number TDR00054	Time Reported 1:12	Avg. Customer Outage Duration :50
Planned Unplanned	First Interruption 1:05	<p align="center">Explanations and Comments</p> <p>Tree on the 3 phase cross country section of power line, by the ski hill.</p>
Sub Number 31 Watson Lake	Last Restoration 1:55	
Line Number 5L621	Primary Cause 2 Trees CEA Coding Trees	

Service Area 573 Watson Lake	Location Watson Lake	Customer-Hrs of Interruption 160:59
Date Reported 2020-06-25	CityTown Watson Lake	Number of Customers Affected 970
Outage Number TSM00044	Time Reported 15:08	Avg. Customer Outage Duration 0:09
Planned Unplanned	First Interruption 15:08	<p align="center">Explanations and Comments</p> <p>Unit #4 in Watson Lake shutdown unexpectedly and caused a town wide outage. Started all available units and brought the town back online. Cause of the outage is unknown, will troubleshoot with electrical techs to identify the cause. See TSM00045 and TSM00046 for Upper Liard and Lower Post DIRs.</p>
Sub Number 31 Watson Lake	Last Restoration 15:19	
Line Number	Primary Cause 8 Equipment Failure CEA Coding Defective Equipment	

Service Area 590 Lower Post	Location Lower Post	Customer-Hrs of Interruption 16:30
Date Reported 2020-06-25	CityTown Lower Post	Number of Customers Affected 90
Outage Number TSM00045	Time Reported 15:08	Avg. Customer Outage Duration :11
Planned Unplanned	First Interruption 15:08	<p align="center">Explanations and Comments</p> <p>Same outage as above, refer to DIR - TSM00044</p>
Sub Number 31 Watson Lake	Last Restoration 15:19	
Line Number 5L619	Primary Cause 8 Equipment Failure CEA Coding Defective Equipment	

Service Area 591 Upper Liard	Location Upper Liard	Customer-Hrs of Interruption 17:40
Date Reported 2020-06-25	CityTown Upper Liard	Number of Customers Affected 106
Outage Number TSM00046	Time Reported 15:08	Avg. Customer Outage Duration :10
Planned Unplanned	First Interruption 15:08	<p align="center">Explanations and Comments</p> <p>Same outage as above, refer to DIR - TSM00044.</p>
Sub Number 31 Watson Lake	Last Restoration 15:18	
Line Number 5L620	Primary Cause 8 Equipment Failure CEA Coding Defective Equipment	