

July 29, 2021

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 2021. 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 867-336-4017, if you require any additional information or clarification.

Yours sincerely,



Bill Cullen, PLT
Manager
ATCO Electric Yukon

WPC/vlm
Encl.

Outages

Outage # DIR-SP-464

Service Area 573 Watson Lake

Number of Customers Affected 385

Date/Time Reported 2021-04-29 7:30

Sub Number 31 Watson Lake

Customer-Hrs of Interruption 134.75

Final Restoration 2021-04-29 7:51

Line Number 5L619

Duration (Hrs) 0.35

Location downtown Watson Lake between the town hall and the plant

Explanations and Comments

Breaker S7230 opened on a C to ground fault. Patrolled main line to fault indicators at town hall which were not activated. No cause. Closed in on line and it held.

Primary Cause Unknown

Secondary Cause

Outage # DIR-SP-469

Service Area 575 Carmacks

Number of Customers Affected 85

Date/Time Reported 2021-05-05 13:00

Sub Number 18 Carmacks

Customer-Hrs of Interruption 162.91666695

Final Restoration 2021-05-05 14:55

Line Number 5L605

Duration (Hrs) 1.91666667

Location Carmacks village

Explanations and Comments

Planned outage for new construction

Primary Cause Scheduled Outage

Secondary Cause

Outage # DIR-SP-490

Service Area 571 Whitehorse

Number of Customers Affected 800

Date/Time Reported 2021-05-24 16:30

Sub Number 21 Laberge

Customer-Hrs of Interruption 1365.05

Final Restoration 2021-05-24 17:39

Line Number 5L645

Duration (Hrs) 1.15

Location Alaska Hwy North and North Klondike Hwy

Explanations and Comments

Lightning caused outage on main line

Primary Cause Lightning

Secondary Cause

Outage # DIR-SP-494

Service Area 585 Tagish

Number of Customers Affected 504

Date/Time Reported 2021-05-26 12:40

Sub Number 301 Carcross

Customer-Hrs of Interruption 277.2

Final Restoration 2021-05-26 13:13

Line Number 5L600

Duration (Hrs) 0.55

Location Tagish & Tagish Road

Explanations and Comments

A to ground fault, breaker S9241 opened, closed breaker, cause unknown

Primary Cause Unknown

Secondary Cause

Outages

Outage # DIR-SP-500

Service Area 575 Carmacks

Number of Customers Affected 330

Date/Time Reported 2021-06-03 15:48

Sub Number 18 Carmacks

Customer-Hrs of Interruption 109.9999989

Final Restoration 2021-06-03 16:08

Line Number 5L604

Duration (Hrs) 0.33333333

Location Carmacks

Explanations and Comments
Loss of supply and diesel backup was out of service for maintenance

Primary Cause Loss of Supply

Secondary Cause

Outage # DIR-SP-499

Service Area 582 Ross River

Number of Customers Affected 239

Date/Time Reported 2021-06-03 15:50

Sub Number 19 Ross River

Customer-Hrs of Interruption 7.96666667

Final Restoration 2021-06-03 16:11

Line Number Faro Line

Duration (Hrs) 0.35

Location Ross River

Explanations and Comments
Loss of Supply

Primary Cause Loss of Supply

Secondary Cause

Outage # DIR-SP-498

Service Area 592 Marsh Lake

Number of Customers Affected 70

Date/Time Reported 2021-06-03 16:15

Sub Number 23 South McClintock

Customer-Hrs of Interruption 180.8333331

Final Restoration 2021-06-03 18:50

Line Number 5L611

Duration (Hrs) 2.58333333

Location 65 Army Beach

Explanations and Comments
Multiple trees on line causing fire resulting in outage

Primary Cause Tree Contacts

Secondary Cause Falling Tree

Outage # DIR-SP-508

Service Area 571 Whitehorse

Number of Customers Affected 835

Date/Time Reported 2021-06-14 18:00

Sub Number 35 Logan

Customer-Hrs of Interruption 862.83333055

Final Restoration 2021-06-14 19:02

Line Number 5L633

Duration (Hrs) 1.03333333

Location 35 McIntyre Dr

Explanations and Comments
Tree on line. All customers except McIntyre had power restored by 1828hrs

Primary Cause Tree Contacts

Secondary Cause

Outages

Outage # DIR-SP-517

Date/Time Reported 2021-06-23 17:05
Final Restoration 2021-06-23 19:30
Duration (Hrs) 2.41666667
Primary Cause Tree Contacts
Secondary Cause

Service Area 571 Whitehorse
Sub Number S150 Whitehorse
Line Number 6L18
Location Spirit lake

Number of Customers Affected 1,005
Customer-Hrs of Interruption 2428.75000335

Explanations and Comments
Sectionalized line and used fault indicators to help find tree. Removed and reenergized all customers