

Outages

Outage # DIR-SP-871

Service Area 592 Marsh Lake

Number of Customers Affected 385

Date/Time Reported 2022-07-02 4:55

Sub Number S150 Whitehorse

Customer-Hrs of Interruption 2181.667

Final Restoration 2022-07-02 10:35

Line Number 6L19

Duration (Hrs) 5.66666667

Location Deadman Creek

Explanations and Comments
Tree contacted 34kv line near Deadman Creek

Primary Cause Tree Contacts

Secondary Cause

Outage # DIR-SP-870

Service Area 571 Whitehorse

Number of Customers Affected 8,951

Date/Time Reported 2022-07-02 15:25

Sub Number 17 McIntyre

Customer-Hrs of Interruption 7093.4

Final Restoration 2022-07-02 16:16

Line Number 6L12

Duration (Hrs) 0.85

Location WH4

Explanations and Comments
Load shed outage, loss of supply. Stages 1-3

Primary Cause Loss of Supply

Secondary Cause

Outage # DIR-SP-869

Service Area 571 Whitehorse

Number of Customers Affected 8,951

Date/Time Reported 2022-07-03 16:07

Sub Number S150 Whitehorse

Customer-Hrs of Interruption 1013.36666666

Final Restoration 2022-07-03 16:14

Line Number 6L12

Duration (Hrs) 0.11666667

Location WH4

Explanations and Comments
Load Shed outage, caused by loss of supply. Stages 1-3

Primary Cause Loss of Supply

Secondary Cause

Outage # DIR-SP-868

Service Area 571 Whitehorse

Number of Customers Affected 2,868

Date/Time Reported 2022-07-04 1:08

Sub Number 17 McIntyre

Customer-Hrs of Interruption 1003.8

Final Restoration 2022-07-04 1:29

Line Number 6L16

Duration (Hrs) 0.35

Location WH2

Explanations and Comments
Load shed outage, caused by loss of supply. Stage 1

Primary Cause Loss of Supply

Secondary Cause

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Outage # DIR-SP-997

Date/Time Reported 2022-07-07 13:30

Final Restoration 2022-07-07 16:30

Duration (Hrs) 3

Primary Cause Scheduled Outage

Secondary Cause

Service Area

Sub Number

Line Number 5L609

Location south east corner of town

Number of Customers Affected 100

Customer-Hrs of Interruption 300

Explanations and Comments

See SSI-98: install in-line pole for new lift station on Hume st.

Outage # DIR-SP-878

Date/Time Reported 2022-07-09 8:30

Final Restoration 2022-07-09 9:09

Duration (Hrs) 0.65

Primary Cause Unknown

Secondary Cause

Service Area 573 Watson Lake

Sub Number 31 Watson Lake

Line Number 5L619

Location

Number of Customers Affected 390

Customer-Hrs of Interruption 253.5

Explanations and Comments

Had indication of an A to ground fault out of the sub but downstream fault indicators showed nothing and after a patrol of the main line a reclose was attempted and held.

Outage # DIR-SP-882

Date/Time Reported 2022-07-10 21:47

Final Restoration 2022-07-10 23:41

Duration (Hrs) 1.9

Primary Cause Foreign Interference

Secondary Cause Wildlife (Bird/Animal)

Service Area 571 Whitehorse

Sub Number 29 Arkell

Line Number 5L630

Location Alaska Hwy by Scales

Number of Customers Affected 70

Customer-Hrs of Interruption 133

Explanations and Comments

Seagull landed on corner structure upstream from fuses, and went phase to phase causing the outage.

Outage # DIR-SP-879

Date/Time Reported 2022-07-12 4:00

Final Restoration 2022-07-12 5:30

Duration (Hrs) 1.5

Primary Cause Equipment Failure

Secondary Cause Other Equipment Failure

Service Area 571 Whitehorse

Sub Number 29 Arkell

Line Number 5L630

Location Weight scales

Number of Customers Affected 108

Customer-Hrs of Interruption 162

Explanations and Comments

Broken switch at WEigh Scales tap caused outage.

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Outage # DIR-SP-889

Date/Time Reported 2022-07-12 15:22

Final Restoration 2022-07-13 14:42

Duration (Hrs) 23.33333333

Primary Cause Tree Contacts

Secondary Cause Falling Tree

Service Area 572 Haines Junction

Sub Number 20 Haines Junction

Line Number L355

Location Marshal creek by Alaska hwy

Number of Customers Affected 636

Customer-Hrs of Interruption 3197.59999956

Explanations and Comments

YEC had a tree knock phases down causing outage to L355. HJ plant picked up 593 cust. at 14:40. YEC was able to backfeed Canyon creek 38 cust. at 17:50. This left 5 cust. off until YEC could complete repairs and re-energize at 2022 07 13 @ 13:42

Outage # DIR-SP-884

Date/Time Reported 2022-07-18 4:55

Final Restoration 2022-07-18 6:18

Duration (Hrs) 1.38333333

Primary Cause Tree Contacts

Secondary Cause Falling Tree

Service Area 592 Marsh Lake

Sub Number 23 South McClintock

Line Number 5L611

Location Bay view/ South McClintock rd

Number of Customers Affected 136

Customer-Hrs of Interruption 188.13333288

Explanations and Comments

Large Tree took primary and secondary wire down

Outage # DIR-SP-999

Date/Time Reported 2022-07-22 4:00

Final Restoration 2022-07-22 7:00

Duration (Hrs) 3

Primary Cause Scheduled Outage

Secondary Cause

Service Area

Sub Number

Line Number 6L11

Location Alaska Hwy South

Number of Customers Affected 1,000

Customer-Hrs of Interruption 3000

Explanations and Comments

See SSI-100: Outage required to set new double circuit line pole for Pelly Construction Work Order

Outage # DIR-SP-900

Date/Time Reported 2022-07-29 17:55

Final Restoration 2022-07-29 18:43

Duration (Hrs) 0.8

Primary Cause Foreign Interference

Secondary Cause Other Foreign Interference

Service Area 571 Whitehorse

Sub Number S150 Whitehorse

Line Number 6L13

Location

Number of Customers Affected 1,577

Customer-Hrs of Interruption 884.25

Explanations and Comments

Possible 3rd party rd work might have hit line with a tree top while clearing brush along highway. Contact not confirmed.

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Outage # DIR-SP-905

Service Area 592 Marsh Lake
Sub Number New Constabulary
Line Number 5L615
Location 3 Woodland Drive

Number of Customers Affected 157
Customer-Hrs of Interruption 83.73333281

Date/Time Reported 2022-08-08 22:48
Final Restoration 2022-08-08 23:20
Duration (Hrs) 0.53333333
Primary Cause Equipment Failure
Secondary Cause Mechanical Failure

Explanations and Comments
Due to switch breaking at 3 woodland drive and close proximity to transformer I had to isolate at S3538 to change the switch safely

Outage # DIR-SP-1002

Service Area 571 Whitehorse
Sub Number Whitehorse
Line Number 6L11, 6L12
Location S150 generation issue

Number of Customers Affected 6,000
Customer-Hrs of Interruption 8000

Date/Time Reported 2022-08-13 8:50
Final Restoration 2022-08-13 10:10
Duration (Hrs) 1.333333
Primary Cause Loss of Supply
Secondary Cause Generation Inadvertent

Explanations and Comments
Loss of Supply

Outage # DIR-SP-1009

Service Area 583 Pelly Crossing
Sub Number 304 Pelly Crossing
Line Number 5L639
Location Pelly Crossing

Number of Customers Affected 200
Customer-Hrs of Interruption 26.667

Date/Time Reported 2022-08-16 14:00
Final Restoration 2022-08-16 14:08
Duration (Hrs) 0.133
Primary Cause Loss of Supply
Secondary Cause Generation Planned

Explanations and Comments
Loss of Supply

Outage # DIR-SP-1012

Service Area 571 Whitehorse
Sub Number 21
Line Number 5L628
Location Crestview

Number of Customers Affected 230
Customer-Hrs of Interruption 920

Date/Time Reported 2022-08-17 12:00
Final Restoration 2022-08-17 16:00
Duration (Hrs) 4
Primary Cause Scheduled Outage
Secondary Cause

Explanations and Comments
Planned outage to reconductor portion of Crestview Feeder.

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Outage # DIR-SP-1199

Service Area 571 Whitehorse

Number of Customers Affected 2,845

Date/Time Reported 2022-08-19 14:02

Sub Number S164 Takhini Switching Station

Customer-Hrs of Interruption 1326.08333334

Final Restoration 2022-08-19 14:35

Line Number 6L17

Duration (Hrs) 0.55

Location Takhini Switching Station

Explanations and Comments
Loss of supply

Primary Cause Loss of Supply

Secondary Cause Transmission Inadvertent

Outage # DIR-SP-1027

Service Area 575 Carmacks

Number of Customers Affected 50

Date/Time Reported 2022-08-23 14:30

Sub Number 18 Carmacks

Customer-Hrs of Interruption 100

Final Restoration 2022-08-23 16:30

Line Number 5L606

Duration (Hrs) 2

Location Easement behind 122 Guder drive

Explanations and Comments
2 trees fell on line, line still energized. Had to take outage to remove tree and repair pin

Primary Cause Tree Contacts

Secondary Cause Falling Tree

Outage # DIR-SP-1030

Service Area 573 Watson Lake

Number of Customers Affected 1,000

Date/Time Reported 2022-08-27 1:45

Sub Number 31 Watson Lake

Customer-Hrs of Interruption 416.667

Final Restoration 2022-08-27 2:10

Line Number 5L619, 5L920, 5L621

Duration (Hrs) 0.417

Location Watson Lake

Explanations and Comments
Unit 4 tripped off. Air shut off failure equipment has been repaired.

Primary Cause Loss of Supply

Secondary Cause Generation Inadvertent

Outage # DIR-SP-1047

Service Area 573 Watson Lake

Number of Customers Affected 344

Date/Time Reported 2022-09-04 12:17

Sub Number 31 Watson Lake

Customer-Hrs of Interruption 200.66666552

Final Restoration 2022-09-04 12:52

Line Number 5L621

Duration (Hrs) 0.58333333

Location Watson Lake

Explanations and Comments
Line patrol revealed fault to be in OH section between ski Hill and airport. No direct cause discovered.

Primary Cause Unknown

Secondary Cause

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Outage # DIR-SP-1052

Date/Time Reported 2022-09-15 23:20

Final Restoration 2022-09-16 13:43

Duration (Hrs) 14.38333333

Primary Cause Equipment Failure

Secondary Cause Electrical Failure

Service Area 571 Whitehorse

Sub Number S150 Whitehorse

Line Number 6L11

Location Robinson Substation

Number of Customers Affected 3,186

Customer-Hrs of Interruption 5407.46666667

Explanations and Comments

Outage caused by a blown arrester. IPP Nomad down from 22:20 to 23:26 on 2022-09-15.

Outage # DIR-SP-1061

Date/Time Reported 2022-09-21 20:15

Final Restoration 2022-09-22 0:15

Duration (Hrs) 4

Primary Cause Tree Contacts

Secondary Cause Falling Tree

Service Area 575 Carmacks

Sub Number S163 Carmacks

Line Number 5L604

Location 1.5 km south of switch

Number of Customers Affected 314

Customer-Hrs of Interruption 1256

Explanations and Comments

Tree contact was downstream of OCR S7263OCR did not trip, blew next fuse upstream