

Form No. 6102 Rev. 7/10

Subject: Haines 236

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: HNS-236

Date Out: 2/16/2021

Date In: 2/16/2021

Time Out: 0754

Time In: 0858

Duration: 64

Number of Customers Affected: 2984

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: East Hermantown

Major Customers: City of Hermantown, Various businesses

Cause: Failed Substation Rely

Follow-Up:

Form No. 6102 Rev. 7/10

Subject: Little Falls 525

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: LFL-525

Date Out: 2/20/21

Date In: 2/20/21

Time Out: 1302

Time In: 1415

Duration: 73

Number of Customers Affected: 2049

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Little Falls

Major Customers: City of Little Falls, various businesses

Cause: Broken Static wire and failed insulator

Follow-Up: Damage was fixed before site was left.

Form No. 6102 Rev. 7/10

Subject: Haines Road 237 & 236

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: HNS-237

Date Out: 3/10/21

Date In: 3/10/21

Time Out: 2102

Time In: 2209

Duration: 67

Number of Customers Affected: 3917 between the 2 feeders

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Hermantown

Major Customers: City of Duluth, City of Hermantown, various businesses

Cause: Weather caused a line to fall, then OH Equipment failed to operate properly causing the feeder to lock out for 67 minutes.

Follow-Up: The Oh Equipment is being removed from the field for testing and inspection. side note 236 was being fed by 237 feeder due to relay issues that are being investigated.

Form No. 6102 Rev. 7/10

Subject: Riverton 505

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: RVT-505

Date Out: 3/10/21

Date In: 3/10/21

Time Out: 1943

Time In: 2250

Duration: 187

Number of Customers Affected: 1722

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Crosby, Ironton and surrounding area

Major Customers: City of Crosby, City of Ironton, various businesses

Cause: Tree fell into Parent feeder affecting 4 stepdown feeders

Follow-Up: Tree was removed and damage was repaired.

Form No. 6102 Rev. 7/10

Subject: Pioneer Road 270

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: PIO-270

Date Out:	03/19/2021	Date In:	03/19/2021
Time Out:	0424	Time In:	0556

Duration: 92

Number of Customers Affected: 506

For information about this alert, contact:

For follow-up information or questions, contact:	Brian Schminski Reliability Engineer Minnesota Power bschminski@mnpower.com 218-355-2042
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Communities Affected: North of Duluth

Major Customers: Various

Cause: Great River Energy regulator failed causing MP line to lose power for 92 minutes while the damage was bypassed.

Follow-Up:

Form No. 6102 Rev. 7/10

Subject: Four Corners 215

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: FCS-215

Date Out: 3/24/21

Date In: 3/24/21

Time Out: 1042

Time In: 1143

Duration: 61

Number of Customers Affected: 2027 between 2 feeders and small section of  
a 3<sup>rd</sup> feeder

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Rural Hermantown and Pike Lake

Major Customers: City of Hermantown, Various businesses

Cause: Failed UG Cable

Follow-Up: Fault is isolated and will be spliced.

Form No. 6102 Rev. 7/10

Subject: Gutches Grove 1

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: GGR-1

Date Out: 4/30/21

Date In: 4/30/21

Time Out: 1750

Time In: 1931

Duration: 101

Number of Customers Affected: 617

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: South of Long Prairie rural

Major Customers:

Cause: Failed Ug Cable.

Follow-Up:

Form No. 6102 Rev. 7/10

Subject: Maturi 330

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: MTU-330

Date Out:	5/1/2021	Date In:	5/1/2021
Time Out:	1740	Time In:	1921

Duration: 91 minutes

Number of Customers Affected: 531

For information about this alert, contact:

For follow-up information or questions, contact:	Brian Schminski Reliability Engineer Minnesota Power bschminski@mnpower.com 218-355-2042
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Communities Affected: East of Hibbing rural

Major Customers: Hibbing Airport

Cause: Tree fell into feeder

Follow-Up: N/a



Form No. 6102 Rev. 7/10

Subject: International Falls outage

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: INF-1 & INF-4 & INF-5

Date Out: 5/23/2021

Date In: 5/23/2021

Time Out: 1634

Time In: 1924

Duration: 170

Number of Customers Affected: 2465 between 3 feeders

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: International Falls

Major Customers: Boise Paper Company fed from additional transmission line out of Substation.

Cause: Downed transmission Line caused substation lock out.

Follow-Up:

Form No. 6102 Rev. 7/10

Subject:            Internation Falls Outage

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: INF-2 & INF-3

Date Out:           5/23/2021

Date In:            5/23/2021

Time Out:           1634

Time In:            1922

Duration:           168

Number of Customers Affected:                   2498 between the 2 feeders

For information about this alert, contact:

For follow-up information or questions, contact:   Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected:    International Falls

Major Customers:         City of International Falls

Cause:                    Transmission line fell causing substation to lock out.

Follow-Up:

Form No. 6102 Rev. 7/10

Subject: Virginia 311 and stepdowns

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: VRG-311

Date Out:	5/25/2021	Date In:	5/25/2021
Time Out:	1502	Time In:	1542
	1559		1650

Duration: 40/52 minutes

Number of Customers Affected: 958 customers between 5 feeders

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: From Virginia down to Iron Junction

Major Customers: Various businesses

Cause: High wind blew a tree into the feeder for first outage, then while the breaker was on non-auto another tree was blown into a different section of the feeder causing the breaker to open again.

Follow-Up: N/a damage was repaired at time of incident.

Form No. 6102 Rev. 7/10

Subject: Little Falls South Outage

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: LFS-1

Date Out: 6/3/2021

Date In:

6/3/2021

Time Out: 1739

Time In:

1856

Duration: 77 minutes

Number of Customers Affected: 1020

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: South side of Little Falls and south of town.

Major Customers: Various businesses, City of Little Falls

Cause: Overload, due to feeding a portion of another feeder at the time.

Follow-Up:

Form No. 6102 Rev. 7/10

Subject: South Side of Little Falls

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: LFS-1

Date Out: 6/8/2021

Date In:

6/8/2021

Time Out: 1646

Time In:

1750

Duration: 64

Number of Customers Affected: 934

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: South side of Little Falls, and south of Little Falls Rural

Major Customers: City of Little Falls, BNSF.

Cause: Failed UG Cable right next to sub.

Follow-Up: n/a

Form No. 6102 Rev. 7/10

Subject: Lake Superior Paper 223

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: LSP-223

Date Out: 6/14/2021

Date In: 6/14/2021

Time Out: 1711

Time In: 1822

Duration: 71

Number of Customers Affected: 1133

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Proctor, skyline area of Duluth.

Major Customers: City of Proctor, Various businesses

Cause: Riser Pole started on fire causing adjecnt pole to start on fire as well

Follow-Up:

Form No. 6102 Rev. 7/10

Subject: Lake Superior Paper 208 Lockout

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: LSP-208

Date Out: 6/14/2021

Date In:

6/14/2021

Time Out: 1707

Time In:

1835

Duration: 88 Mins

Number of Customers Affected: 1777

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: West Duluth

Major Customers: City of Duluth

Cause: Riser Pole started on fire causing feeder to lock out as pole burned.

Follow-Up:

Form No. 6102 Rev. 7/10

Subject: Swan Lake Sub 34kV Outage

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: SLA-203

Date Out: 6/16/2021

Date In: 6/16/2021

Time Out: 0634

Time In: 0839

Duration: 125 Mins

Number of Customers Affected: 2,596 customers between 7 Feeders

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Duluth hillside to west Duluth

Major Customers: City of Duluth, various businesses

Cause: Raven flew into substation transformer, causing substation bus to lock out.

Follow-Up:



Form No. 6102 Rev. 7/10

Subject: Floodwood 402/Meadowlands 401

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: FLF-402

Date Out: 6/23/2021

Date In: 6/23/2021

Time Out: 1419

Time In: 1527

Duration: 68 Minutes

Number of Customers Affected: 702

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
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Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Floodwood and Meadowlands

Major Customers: MAT Inc, City of Floodwood, City of Meadowlands, various businesses

Cause: Tree fell into the Meadowlands feeder which is being fed from Floodwood due to Meadowlands substation construction.

Follow-Up:

Form No. 6102 Rev. 7/10

Subject: Little Falls East Stepdown

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: LFE-1

Date Out: 6/26/2021

Date In: 6/26/2021

Time Out: 0633

Time In: 0759

Duration: 86 Minutes

Number of Customers Affected: 658

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
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218-355-2042

Communities Affected: Little Falls

Major Customers: City of Little Falls, Various Businesses

Cause: Failed Cutout

Follow-Up: N/a

Form No. 6102 Rev. 7/10

Subject: Duluth Gary 201 Lockout

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: GRY-201

Date Out: 6/29/2021

Date In: 6/29/2021

Time Out: 2014

Time In: 2114

Duration: 60

Number of Customers Affected: 1397

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Gary Duluth and West Duluth

Major Customers: City of Duluth, Various Businesses

Cause: Overhead Regulator failure

Follow-Up:

Form No. 6102 Rev. 7/10

Subject: Rice 1

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: RIC-1

Date Out: 7/13/21

Date In: 7/13/21

Time Out: 0912

Time In: 1025

Duration: 73 Minutes

Number of Customers Affected: 749

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: City of Rice

Major Customers: City of Rice, various businesses

Cause: Crews had to take substation out of power to repair a feeder riser just outside of substation. The squirrel caused fault melted chunks of wire on the riser and the termination as well.

Follow-Up:

Form No. 6102 Rev. 7/10

Subject:       Sebeka 1

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: SEB-1

Date Out:	07/15/2021	Date In:	07/15/2021
Time Out:	1338	Time In:	1454

Duration:       76

Number of Customers Affected:       656

For information about this alert, contact:

For follow-up information or questions, contact:	Brian Schminski Reliability Engineer Minnesota Power bschminski@mnpower.com 218-355-2042
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Communities Affected:       Sebeka to Nimrod

Major Customers:       City of Sebeka, Various

Cause:       Irrigator tangled into lines causing damage to the feeder.

Follow-Up:

Form No. 6102 Rev. 7/10

Subject: Burnett 408

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: BUR-408

Date Out: 7/23/2021

Date In: 7/23/2021

Time Out: 2043

Time In: 2351

Duration: 186 minutes

Number of Customers Affected: 544

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
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Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Burnet, Maple Lake, Aerie Lake.

Major Customers: City of Burnett, South Ridge School

Cause: Multiple trees fell into the feeder

Follow-Up: N/a

Form No. 6102 Rev. 7/10

Subject: St. Croix 2

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: STC-2

Date Out: 7/23/2021

Date In: 7/24/2021

Time Out: 1858

Time In: 0035

Duration: 337

Number of Customers Affected: 521

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: South East of Winton.

Major Customers: Various

Cause: Tree fell through the feeder, causing broken poles.

Follow-Up:

Form No. 6102 Rev. 7/10

Subject: Baxter 531 Lock out

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: BAX-531

Date Out: 7/24/2021

Date In: 7/24/2021

Time Out: 0306

Time In: 0432

Duration: 86 minutes

Number of Customers Affected: 2033 between 4 feeders

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: All around the Gull Lakes Area

Major Customers: Various businesses.

Cause: Tree related to high winds in feeder

Follow-Up: N/a



Form No. 6102 Rev. 7/10

Subject: Long Prairie 4kV outage

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: LPD-2 (feeding LPD-1 as well)

Date Out: 7/24/2021

Date In: 7/24/2021

Time Out: 0907

Time In: 1030

Duration: 83 minutes

Number of Customers Affected: 1,103

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Long Prairie

Major Customers: City of Long Prairie, Various Businesses

Cause: Tree associated with high winds fell into feeder.

Follow-Up: N/a

Form No. 6102 Rev. 7/10

Subject: Pillager 1

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: PIL-1

Date Out:	7/24/2021	Date In:	7/24/2021
Time Out:	0259	Time In:	0549

Duration: 170 minutes

Number of Customers Affected: 629

For information about this alert, contact:

For follow-up information or questions, contact:	Brian Schminski Reliability Engineer Minnesota Power bschminski@mnpower.com 218-355-2042
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Communities Affected: Pillager

Major Customers: City of Pillager, various businesses

Cause: Tree blown into feeder due to high winds.

Follow-Up:

Form No. 6102 Rev. 7/10

Subject: Pioneer Road 270

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: PIO-270

Date Out:	07/24/2021	Date In:	7/24/2021
Time Out:	0454	Time In:	0914

Duration: 260

Number of Customers Affected: 506

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: North of Duluth Rural

Major Customers: various

Cause: Tree fell thru the feeder requireing pole replacement.

Follow-Up:

Form No. 6102 Rev. 7/10

Subject: Ridgeview 253

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: RGV-253

Date Out: 7/24/2021

Date In: 7/24/2021

Time Out: 0454

Time In: 0557

Duration: 63 minutes

Number of Customers Affected: 1740

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: North of Duluth.

Major Customers: Various Businesses

Cause: Birds nest built on switch structure.

Follow-Up: N/a

Form No. 6102 Rev. 7/10

Subject: Gull Lake 1

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: GLL-1

Date Out:	7/26/2021	Date In:	7/26/2021
Time Out:	1820	Time In:	2206

Duration: 226 minutes

Number of Customers Affected: 1125

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Gull Lake

Major Customers: City of Gull Lake, various businesses

Cause: Failed Substation Transformer due to overload.

Follow-Up: N/a

Form No. 6102 Rev. 7/10

Subject: Gull Lake 2

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: GLL-2

Date Out:	7/26/2021	Date In:	7/27/2021
Time Out:	1820	Time In:	0040

Duration: 379 minutes

Number of Customers Affected: 516

For information about this alert, contact:

For follow-up information or questions, contact:	Brian Schminski Reliability Engineer Minnesota Power bschminski@mnpower.com 218-355-2042
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Communities Affected: Gull Lake

Major Customers: City of Gull Lake, various businesses

Cause: Failed Substation Transformer due to overload.

Follow-Up: N/a

Form No. 6102 Rev. 7/10

Subject: Hat Trick 321

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: HAT-321 and 8 stepdowns

Date Out:	07/26/2021	Date In:	07/26/2021
Time Out:	1851	Time In:	2014

Duration: 83

Number of Customers Affected: 2779 between all feeders

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Eveleth and lakes region to the south.

Major Customers: MNDOT, City of Eveleth, various

Cause: Lightning struck the feeder causing damage that needed to be repaired before it could be reenergized.

Follow-Up:

Form No. 6102 Rev. 7/10

Subject: Moorhead Road Substation Outage

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: MHR-451

Date Out: 7/26/2021

Date In:

7/26/2021

Time Out: 2008

Time In:

2135

Duration: 87 minutes

Number of Customers Affected: 552

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: South of Cloquet

Major Customers: Residential

Cause: High Winds

Follow-Up: N/a



Form No. 6102 Rev. 7/10

Subject: Thomson 412

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: TMS-412

Date Out: 7/26/2021

Date In: 7/26/2021

Time Out: 2009

Time In: 2134

Duration: 85 minutes

Number of Customers Affected: 602

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Thomson, Scanlon, Carlton

Major Customers: City of Carlton, Fond Du Lac Tribe, various businesses

Cause: High winds

Follow-Up: N/a

Form No. 6102 Rev. 7/10

Subject: Gary 201

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: GRY-201

Date Out:	08/13/2021	Date In:	08/13/2021
Time Out:	1229	Time In:	1412

Duration: 103

Number of Customers Affected: 1397

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Gary New Duluth

Major Customers: MNDOT, City of Duluth, various

Cause: Failed padmounted switchgear required bypassing before customers could be restored.

Follow-Up:

Form No. 6102 Rev. 7/10

Subject: Babbit 31 Line outage

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: BBT-31

Date Out: 1341

Date In: 1509

Time Out: 8/18/21

Time In: 8/18/21

Duration: 88

Number of Customers Affected: 920 between parent feeder and 3 stepdowns.

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
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bschminski@mnpower.com  
218-355-2042

Communities Affected: Babbit and Dunka River areas

Major Customers: City of Babbit, various

Cause: Animal got into the feeder causing a small grass fire, fire was extinguished and feeder restored

Follow-Up: N/a

Form No. 6102 Rev. 7/10

Subject: Motley Stepdown Outage

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: MOT-1 & MOT-2

Date Out: 8/20/21

Date In: 8/20/21

Time Out: 1556

Time In: 1755

Duration: 119 Minutes

Number of Customers Affected: 663 between the 2 feeders

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Motley and surrounding areas

Major Customers: City of Motley.

Cause: Failed Insulator started a pole fire.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Blueberry 552/Sebeka 1 outage

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: BLU-552/SEB-1

Date Out: 8/26/2021

Date In: 8/26/2021

Time Out: 1328

Time In: 1500

Duration: 92

Number of Customers Affected: 656

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Sebeka

Major Customers: City of Sebeka, various

Cause: Tree out of our clearance zone fell into Blueberry 552 feeder breaking 2 insulators and causing the feeder to lock out affecting Sebeka 1 step down for the duration of the repairs.

Follow-Up: n/a

Form No. 6102 Rev. 7/10

Subject: Grey Eagle

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: GES-1

Date Out: 8/28/2021

Date In: 8/28/2021

Time Out: 1131

Time In: 1740

Duration: 249

Number of Customers Affected: 666

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Grey Eagle and surrounding area

Major Customers: City of Grey Eagle, Various

Cause: High winds.

Follow-Up: N/a

Form No. 6102 Rev. 7/10

Subject:

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: Little Falls 529

Date Out: 9/13/2021

Date In: 9/14/2021

Time Out: 2301

Time In: 0028

Duration: 85 Minutes

Number of Customers Affected: 3,876 between all the feeders

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Little Falls

Major Customers: City of Little Falls, Various

Cause: Lightning strike caused damage to Oh Equipment.

Follow-Up: N/a

Form No. 6102 Rev. 7/10

Subject: Crosby 1

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: CSB-1

Date Out:	9/16/2021	Date In:	9/16/2021
Time Out:	1822	Time In:	2207

Duration: 225 minutes

Number of Customers Affected: 534

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Crosby

Major Customers: City of Crosby, Various

Cause: Recloser in stepdown failed, possible lightning strike.

Follow-Up: N/a



Form No. 6102 Rev. 7/10

Subject: Riverton 506

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: RVT-506 and 6 stepdown feeders

Date Out:	9/13/2021	Date In:	9/14/2021
Time Out:	2304	Time In:	0105

Duration: 121

Number of Customers Affected: 1949

For information about this alert, contact:

For follow-up information or questions, contact:	Brian Schminski Reliability Engineer Minnesota Power bschminski@mnpower.com 218-355-2042
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Communities Affected: Riverton to Cuyuna

Major Customers: various

Cause: Lightning strike caused substantial damage.

Follow-Up:

Form No. 6102 Rev. 7/10

Subject: Hinckley 461

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: HKY-461

Date Out: 9/29/2021

Date In: 9/29/2021

Time Out: 0620

Time In: 0742

Duration: 82

Number of Customers Affected: 589

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Hinckley

Major Customers: City of Hinckley, various

Cause: Failed switch gear inside the substation.

Follow-Up:

Form No. 6102 Rev. 7/10

Subject: Cloquet 409 & Big Lake Area

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: CLQ-409 & CQB-6301

Date Out: 11/20/2021

Date In: 11/20/21

Time Out: 0751

Time In: 0910

Duration: 79 minutes

Number of Customers Affected: 2198

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: West Side of Cloquet, North Side of Big Lake

Major Customers: Fond Du Lac, City of Cloquet

Cause: Squirrel got into feeder riser

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Eagle Vally 517

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: EGV-517 & Stepdowns

Date Out:	12/16/2021	Date In:	12/17/2021
Time Out:	2324	Time In:	0032

Duration: 68 minutes

Number of Customers Affected: 1223

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Clarissa and Browerville

Major Customers: City of Clarissa, City of Browerville, MN DOT

Cause: High winds blew a tree into the feeder

Follow-Up: N/a

Form No. 6102 Rev. 7/10

Subject: Burnett 408

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: BUR-408

Date Out: 12/20/21

Date In: 12/20/21

Time Out: 0937

Time In: 1047

Duration: 70 Minutes

Number of Customers Affected: 544 customers

For information about this alert, contact:

For follow-up information or questions, contact: Brian Schminski  
Reliability Engineer  
Minnesota Power  
bschminski@mnpower.com  
218-355-2042

Communities Affected: Brookston area

Major Customers: MN Dot, City of Brookston

Cause: High winds.

Follow-Up: N/a