

Form No. 6102 Rev. 7/10

Subject: Aurora 2

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: AUN-2

Date Out:	6/1/2019	Date In:	6/1/2019
Time Out:	0750	Time In:	1424

Duration: 334

Number of Customers Affected: 727

For information about this alert, contact:

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

Communities Affected: Aurora

Major Customers: City of Aurora

Cause: Contractor broke metal structure on parent feeder with excavator

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Aurora 2

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: AUN-2

Date Out:	9/27/2019	Date In:	9/27/2019
Time Out:	0207	Time In:	0516

Duration: 189

Number of Customers Affected: 727

For information about this alert, contact:

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

Communities Affected: Aurora

Major Customers: City of Aurora

Cause: Planned; Fixing the damage caused by an excavator a few days back.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Babbitt Townsite 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: BBT-1

Date Out:	1/4/2019	Date In:	1/4/2019
Time Out:	1006	Time In:	1420

Duration: 254

Number of Customers Affected: 1598

For information about this alert, contact:

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

Communities Affected: Babbitt

Major Customers: City of Babbitt

Cause: Unknown, suspected slow operation of the breaker

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Blanchard 511

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: BLD-511

Date Out:	5/9/2019	Date In:	5/9/2019
Time Out:	0235	Time In:	0422

Duration: 107

Number of Customers Affected: 728

For information about this alert, contact:

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

Communities Affected: Royalton

Major Customers: City of Royalton

Cause: Unknown.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Chisholm 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: CHL-1

Date Out:	6/17/2019	Date In:	6/17/2019
Time Out:	1315	Time In:	1428

Duration: 73

Number of Customers Affected: 1009

For information about this alert, contact:

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

Communities Affected: Chisholm

Major Customers: City of Chisholm

Cause: Unknown.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Chisholm 2

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: CHL-2

Date Out:	6/17/2019	Date In:	6/17/2019
Time Out:	1315	Time In:	1428

Duration: 73

Number of Customers Affected: 574

For information about this alert, contact:

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

Communities Affected: Chisholm

Major Customers: City of Chisholm

Cause: Parent feeder locked out to an unknown cause.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Chisholm-3

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: CHL-3

Date Out:	6/17/2019	Date In:	6/17/2019
Time Out:	1315	Time In:	1428

Duration: 73

Number of Customers Affected: 968

For information about this alert, contact:

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

Communities Affected: Chisholm

Major Customers: City of Chisholm

Cause: Unknown cause on parent feeder outage.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Canosia 413

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: CNA-413

Date Out:	10/20/2019	Date In:	10/20/2019
Time Out:	1456	Time In:	1635

Duration: 99

Number of Customers Affected: 1232

For information about this alert, contact:

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218-355-2042

Communities Affected: Rural Esko, rural Proctor, rural Hermantown, rural Duluth

Major Customers:

Cause: Tree fell into feeder

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Colbyville 242

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: COL-242

Date Out:	4/11/2019	Date In:	4/11/2019
Time Out:	1539	Time In:	1654

Duration: 75

Number of Customers Affected: 2756

For information about this alert, contact:

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

Communities Affected: Woodland, East Duluth

Major Customers: City of Duluth, UMD (not main service)

Cause: Weather

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Crosby 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: CRS-1

Date Out:	10/11/2019	Date In:	10/11/2019
Time Out:	0135	Time In:	0356

Duration: 141

Number of Customers Affected: 535

For information about this alert, contact:

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

Communities Affected: Crosby

Major Customers: City of Crosby

Cause: Failed piece of Overhead Eq on Parent Feeder

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Crosby 2

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: CRS-2

Date Out:	10/11/2019	Date In:	10/11/2019
Time Out:	0135	Time In:	0356

Duration: 141

Number of Customers Affected: 545

For information about this alert, contact:

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

Communities Affected: Crosby

Major Customers: City of Crosby

Cause: Failed piece of Overhead Eq on Parent Feeder

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Deerwood 2

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: DER-2

Date Out:	7/14/2019	Date In:	7/14/2019
Time Out:	1833	Time In:	2203

Duration: 220

Number of Customers Affected: 679

For information about this alert, contact:

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

Communities Affected: Deerwood, Around east and north side of Serpent Lake

Major Customers: City of Deerwood

Cause: Tree on Parent Feeder

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Deerwood Count Hwy 12 Stepdown

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: DHY-1

Date Out:	7/14/2019	Date In:	7/14/2019
Time Out:	1833	Time In:	2233

Duration: 240

Number of Customers Affected: 648

For information about this alert, contact:

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

Communities Affected: South side of Serpent lake, Rural Deerwood

Major Customers: City of Deerwood

Cause: Tree on Parent feeder

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Four Corners 214

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: FCS-214

Date Out:	10/21/2019	Date In:	10/21/2019
Time Out:	1351	Time In:	1515

Duration: 84

Number of Customers Affected: 1549

For information about this alert, contact:

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

Communities Affected: Pike Lake, Hermantown

Major Customers: City of Hermantown, St Louis County.

Cause: Weather put a tree through the feeder

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: 15th Ave. West 260

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: FIF-260

Date Out:	11/30/2019	Date In:	11/30/2019
Time Out:	1526	Time In:	1628

Duration: 62

Number of Customers Affected: 969

For information about this alert, contact:

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

Communities Affected: Canal Park, Park Point

Major Customers: Canal Park businesses, City of Duluth

Cause: Weather broke overhead equipment.

Follow-Up: N/A

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:	2/1/2019	Date In:	2/1/2019
Time Out:	0719	Time In:	0950

Duration: 151

Number of Customers Affected: 641

For information about this alert, contact:

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

Communities Affected: Rural Todd County

Major Customers:

Cause: Parent feeder outage; Failed substation bus PT

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Gary 200

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: GRY-200

Date Out:	7/10/2019	Date In:	7/10/2019
Time Out:	1958	Time In:	2130

Duration: 92

Number of Customers Affected: 1496

For information about this alert, contact:

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218-355-2042

Communities Affected: West Duluth

Major Customers: City of Duluth

Cause: Substation Switch failure

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:	7/10/2019	Date In:	7/10/2019
Time Out:	1958	Time In:	2144

Duration: 106

Number of Customers Affected: 1407

For information about this alert, contact:

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

Communities Affected: West Duluth, Gary

Major Customers: City of Cloquet, City of Duluth

Cause: Broken switch in the Substation

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Haines Road 236

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: HNS-236

Date Out:	10/21/2019	Date In:	10/21/2019
Time Out:	1535	Time In:	1718

Duration: 103

Number of Customers Affected: 4447

For information about this alert, contact:

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

Communities Affected: Hermantown, West Duluth

Major Customers:

Cause: Weather

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Hoyt Lakes 2

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: HYN-2

Date Out:	3/13/2019	Date In:	3/13/2019
Time Out:	2133	Time In:	2325

Duration: 112

Number of Customers Affected: 831

For information about this alert, contact:

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

Communities Affected: Hoyt Lakes

Major Customers: City of Hoyt Lakes

Cause: Failed overhead insulator.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Little Falls East 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: LFE-1

Date Out:	3/16/2019	Date In:	3/16/2019
Time Out:	0523	Time In:	0756

Duration: 153

Number of Customers Affected: 795

For information about this alert, contact:

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

Communities Affected: Little Falls

Major Customers: City of Little Falls

Cause: Broken anchor rod flipped into wires.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Little Falls East 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: LFE-1

Date Out:	6/4/2019	Date In:	6/5/2019
Time Out:	2325	Time In:	0043

Duration: 78

Number of Customers Affected: 795

For information about this alert, contact:

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

Communities Affected: Little Falls

Major Customers: City of Little Falls

Cause: Parent feeder locked out due to weather.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Little Falls 529

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: LFL-529

Date Out:	3/16/2019	Date In:	3/16/2019
Time Out:	0523	Time In:	0756

Duration: 153

Number of Customers Affected: 1598

For information about this alert, contact:

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

Communities Affected: Little Falls

Major Customers: NNG, City of Little Falls

Cause: Broken anchor rod flipped into wires.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Little Falls 529

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: LFL-529

Date Out:	6/4/2019	Date In:	6/5/2019
Time Out:	2325	Time In:	0043

Duration: 78

Number of Customers Affected: 1598

For information about this alert, contact:

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

Communities Affected: Little Falls

Major Customers: City of Little Falls

Cause: Weather.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Little Falls South 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: LFS-1

Date Out:	3/16/2019	Date In:	3/16/2019
Time Out:	0523	Time In:	0756

Duration: 153

Number of Customers Affected: 1021

For information about this alert, contact:

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

Communities Affected: Little Falls

Major Customers: City of Little Falls

Cause: Broken anchor rod flipped into wires.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Little Falls South 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: LFS-1

Date Out:	6/4/2019	Date In:	6/5/2019
Time Out:	2325	Time In:	0043

Duration: 78

Number of Customers Affected: 1021

For information about this alert, contact:

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

Communities Affected: Little Falls

Major Customers: City of Little Falls

Cause: Weather

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Little Falls West 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: LFW-1

Date Out:	3/16/2019	Date In:	3/16/2019
Time Out:	0523	Time In:	0752

Duration: 149

Number of Customers Affected: 655

For information about this alert, contact:

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

Communities Affected: Little Falls

Major Customers: City of Little Falls

Cause: Broken anchor rod flipped into wires.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Little Falls West 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: LFW-1

Date Out:	7/27/2019	Date In:	7/28/2019
Time Out:	2214	Time In:	0050

Duration: 156

Number of Customers Affected: 655

For information about this alert, contact:

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

Communities Affected: Little Falls

Major Customers: City of Little Falls

Cause: Fly hatch on Substation eq locked out parent feeder

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Little Falls West

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: LFW-1

Date Out:	3/16/2019	Date In:	3/16/2019
Time Out:	0523	Time In:	0752

Duration: 149

Number of Customers Affected: 610

For information about this alert, contact:

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

Communities Affected: Little Falls

Major Customers: City of Little Falls

Cause: Broken anchor rod flipped into wires.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Little Falls West 2

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: LFW-2

Date Out:	7/27/2019	Date In:	7/28/2019
Time Out:	2214	Time In:	0050

Duration: 156

Number of Customers Affected: 610

For information about this alert, contact:

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

Communities Affected: Little Falls

Major Customers: City of Little Falls

Cause: Fly hatch on Substation eq locked out parent feeder

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Lind Greenway 334

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: LGW-334

Date Out:	4/22/2019	Date In:	4/22/2019
Time Out:	1147	Time In:	1308

Duration: 81

Number of Customers Affected: 589

For information about this alert, contact:

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

Communities Affected: Bovey, Coleraine, Trout Lake area.

Major Customers: City of Bovey, City of Coleraine

Cause: Failed Overhead Insulator.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Long Prairie 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: LPD-1

Date Out:	2/1/2019	Date In:	2/1/2019
Time Out:	0719	Time In:	0950

Duration: 151

Number of Customers Affected: 1598

For information about this alert, contact:

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

Communities Affected: Long Prairie

Major Customers: City of Long Prairie

Cause: Failed substation bus PT on parent feeder.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Lake Superior Paper Inc 225

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: LSP-225

Date Out:	6/20/2019	Date In:	6/20/2019
Time Out:	0708	Time In:	0827

Duration: 79

Number of Customers Affected: 1896

For information about this alert, contact:

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

Communities Affected: West Duluth

Major Customers: City of Duluth, Various businesses

Cause: Failed Substation Breaker.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Moorhead Rd 451

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: MHR-451

Date Out:	12/1/2019	Date In:	12/1/2019
Time Out:	0910	Time In:	2158

Duration: 168

Number of Customers Affected: 545

For information about this alert, contact:

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

Communities Affected: Couth of Cloquet

Major Customers: Fon Du Lac Community College

Cause: Tree Fell through the feeder

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Nashwauk 319

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: NAS-319

Date Out:	5/3/2019	Date In:	5/3/2019
Time Out:	1037	Time In:	1219

Duration: 102

Number of Customers Affected: 1191

For information about this alert, contact:

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

Communities Affected: Penguilly, Marble

Major Customers: City of Marble

Cause: Broken arrester inside the substation

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Nashwauk 319

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: NAS-319

Date Out:	6/9/2019	Date In:	6/9/2019
Time Out:	1714	Time In:	1857

Duration: 103

Number of Customers Affected: 1191

For information about this alert, contact:

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

Communities Affected: Marble, Penguilly

Major Customers: City of Marble

Cause: Weather

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Nashwauk 319

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: NAS-319

Date Out:	6/23/2019	Date In:	6/23/2019
Time Out:	0604	Time In:	0742

Duration: 98

Number of Customers Affected: 873

For information about this alert, contact:

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

Communities Affected: Calumet, Taconite, Marble

Major Customers: City of Calument, City of Marble, City of Taconite

Cause: Osprey nest had branches fall into feeder.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Little Falls North Stepdown 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: NTH-1

Date Out: 3/16/2019

Date In: 3/16/2019

Time Out: 0523

Time In: 0752

Duration: 149

Number of Customers Affected: 590

For information about this alert, contact:

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

Communities Affected: Little Falls

Major Customers: City of Little Falls

Cause: Broken anchor rod flipped into wires.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Little Falls North Stepdown 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: NTH-1

Date Out:	7/27/2019	Date In:	7/28/2019
Time Out:	2214	Time In:	0138

Duration: 204

Number of Customers Affected: 590

For information about this alert, contact:

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

Communities Affected: Little Falls

Major Customers: City of Little Falls

Cause: Fly hatch on Substation eq locked out parent 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:	9/18/2019	Date In:	9/18/2019
Time Out:	0349	Time In:	0644

Duration: 175

Number of Customers Affected: 616

For information about this alert, contact:

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

Communities Affected: Pillager and greater area

Major Customers: City of Pillager

Cause: Weather broke several poles on feeder

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Park Rapids Dist 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: PKD-1

Date Out:	12/31/2019	Date In:	12/31/2019
Time Out:	0437	Time In:	0552

Duration: 75

Number of Customers Affected: 585

For information about this alert, contact:

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

Communities Affected: Park Rapids

Major Customers: City of Park Rapids

Cause: Weather cause parent feeder lockout.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Ridgview 254

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: RGV-254

Date Out:	10/21/2019	Date In:	10/21/2019
Time Out:	1358	Time In:	1534

Duration: 96

Number of Customers Affected: 2449

For information about this alert, contact:

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

Communities Affected: Central Duluth

Major Customers: City of Duluth

Cause: Weather

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Royalton 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: ROY-1

Date Out:	5/9/2019	Date In:	5/9/2019
Time Out:	0235	Time In:	0422

Duration: 107

Number of Customers Affected: 663

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: Royalton

Major Customers: City of Royalton

Cause: Unknown cause on parent feed.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Sandstone 452

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: SAN-452

Date Out:	8/6/2019	Date In:	8/6/2019
Time Out:	0930	Time In:	1055

Duration: 85

Number of Customers Affected: 1259

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: Sandstone

Major Customers: City of Sandstone

Cause: Failed Substation Equipment

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:	1/4/2019	Date In:	1/4/2019
Time Out:	1006	Time In:	1423

Duration: 257

Number of Customers Affected: 527

For information about this alert, contact:

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

Communities Affected: White Iron Lake, Farm Lake

Major Customers:

Cause: Unknown

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Ten Mile Lake 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: TML-1

Date Out:	4/11/2019	Date In:	4/11/2019
Time Out:	1751	Time In:	2031

Duration: 160

Number of Customers Affected: 620

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: Rural around Ten Mile Lake

Major Customers:

Cause: Parent feeder lockout

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Ten Mile Lake 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: TML-1

Date Out:	6/26/2019	Date In:	6/26/2019
Time Out:	0856	Time In:	1036

Duration: 100

Number of Customers Affected: 525

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: North East shore of Ten Mile Lake

Major Customers:

Cause: Planned System work.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Tower Soudan 2

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: TWN-2

Date Out:	1/4/2019	Date In:	1/4/2019
Time Out:	1006	Time In:	1143

Duration: 97

Number of Customers Affected: 593

For information about this alert, contact:

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

Communities Affected: Tower

Major Customers: City of Tower, various resorts/campsites

Cause: Parent feeder outage to unknown cause.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Upsala 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: UPS-1

Date Out:	5/8/2019	Date In:	5/9/2019
Time Out:	2239	Time In:	0531

Duration: 412

Number of Customers Affected: 516

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: Rural Upsala, St. Anthony

Major Customers: City of Upsala

Cause: Weather

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Walker Sub 1 Fdr 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: WAK-1

Date Out:	4/11/2019	Date In:	4/11/2019
Time Out:	1751	Time In:	1944

Duration: 113

Number of Customers Affected: 712

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: Walker

Major Customers: City of Walker

Cause: Broken Pole on Parent Feeder.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Walker Sub 2 Fdr 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: WBK-1

Date Out:	4/11/2019	Date In:	4/11/2019
Time Out:	1751	Time In:	1944

Duration: 113

Number of Customers Affected: 1598

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: West side of Walker, Rural Walker south and west.

Major Customers: City of Walker

Cause: Broken Pole on Parent Feeder.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Wrenshall 411

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: WRN-411

Date Out:	12/1/2019	Date In:	12/1/2019
Time Out:	0707	Time In:	2052

Duration: 162

Number of Customers Affected: 1093

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: Wrenshall and surrounding areas

Major Customers: NNG, City of Wrenshall

Cause: Weather fell a tree in the feeder.

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Wrenshall 411

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: WRN-411

Date Out:	12/1/2019	Date In:	12/1/2019
Time Out:	1328	Time In:	1810

Duration: 282

Number of Customers Affected: 1093

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: Wrenshall and surrounding areas

Major Customers: NNG, City of Wrenshall

Cause: Weather

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Zemple 335

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: ZMP-335

Date Out:	6/2/2019	Date In:	6/2/2019
Time Out:	1839	Time In:	2319

Duration: 280

Number of Customers Affected: 816

For information about this alert, contact:

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

Communities Affected: Cohasset

Major Customers: City of Cohasset

Cause: Section of feeder fell, causing conductor damage.

Follow-Up: N/A