

Form No. 6102 Rev. 7/10

Subject: Silver Bay Hillside 271 Feeder Lock Out      Outage Notice: Final Notice

### **Distribution System Status Outage Notification**

Feeder/Bus #: SBH-271, SBT-4301, SBT-4302

Date Out:	4/2/2023	Date In:	4/3/2023
Time Out:	16:30	Time In:	01:35

Duration: 545

Number of Customers Affected: 1126

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
Reliability Engineer  
Minnesota Power  
Lgustafson@mnpower.com  
218-355-2399

Communities Affected: Silver Bay

Major Customers: William Kelley High School, North Shore Mining Co.

Cause: Substation Breaker/recloser failure

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Silver Bay Hillside 271 Lock Out

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: SBH-271, SBT-4301, SBT-4302

Date Out:	4/4/2023	Date In:	4/4/2023
Time Out:	15:35	Time In:	20:03

Duration: 268

Number of Customers Affected: 1126

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
Reliability Engineer  
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218-355-2399

Communities Affected: Silver Bay

Major Customers: William Kelley High School, North Shore Mining Co.

Cause: Wind

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Canosia 405 Lock Out

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: CNA-405

Date Out:	4/20/2023	Date In:	4/20/2023
Time Out:	13:42	Time In:	14:56

Duration: 74

Number of Customers Affected: 1570

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
Reliability Engineer  
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lgustafson@mnpower.com  
218-355-2399

Communities Affected: Esko, rural Cloquet

Major Customers: Esko schools

Cause: Weather

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Colbyville 242 Lock Out

Outage Notice: Final Notice

## Distribution System Status Outage Notification

Feeder/Bus #: COL-242

Date Out:	4/20/2023	Date In:	4/20/2023
Time Out:	11:06	Time In:	14:48

Duration: 222

Number of Customers Affected: 2967

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
Reliability Engineer  
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lgustafson@mnpower.com  
218-355-2399

Communities Affected: Duluth

Major Customers: Ecumen Lakeshore Community, various

Cause: Weather

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Cloquet 409 Feeder Lock Out

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

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

Date Out:	4/22/2023	Date In:	4/22/2023
Time Out:	06:36	Time In:	08:07

Duration: 91

Number of Customers Affected: 2381

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
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lgustafson@mnpower.com  
218-355-2399

Communities Affected: Cloquet, Fond Du Lac Reservation

Major Customers: Cloquet Memorial Hospital, Fond du Lac Ojibwe School, MNDOT,  
City of Cloquet

Cause: Wildlife

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Zemple 337 Lock Out

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: ZMP-337 , DRW-1, DRR-2

Date Out:	5/6/2023	Date In:	5/6/2023
Time Out:	19:24	Time In:	21:15

Duration: 111

Number of Customers Affected: 624

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
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218-355-2399

Communities Affected: Deer River

Major Customers: Essentia Health- Deer River, Deer River High School, King  
Elementary School

Cause: Wildlife- Bird

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Pepin Lake 514 Feeder Lock Out

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: PPL-514, SWN-1, LLK-1, FLN-1, FLN-2, UPS-1

Date Out:	5/13/2023	Date In:	5/13/2023
Time Out:	07:24	Time In:	09:12

Duration: 108

Number of Customers Affected: 1379

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
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218-355-2399

Communities Affected: Swanville, Flensburg, Upsala, Elmdale

Major Customers: Swanville Public Schools, Upsala High School, Upsala Elementary School

Cause: Wildlife

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Hibbing Substation Lockout

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: HIB-307, HIB-308, HIB-309, HIB-310, CHL-1, CHL-2, CHL-3, BAL-1, BAL-2, HIB-312, HIB-315, KLY-1

Date Out:	5/14/2023	Date In:	5/14/2023
Time Out:	9:25	Time In:	11:21

Duration: 116

Number of Customers Affected: 3599

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
Reliability Engineer  
Minnesota Power  
lgustafson@mnpower.com  
218-355-2399

Communities Affected: Hibbing, Chisholm

Major Customers: City of Hibbing, City of Chisholm, Chisholm High School, Chisholm Elementary School, Minnesota Discovery Center

Cause: Wildlife

Follow-Up: N/A



Subject: Hibbing Substation Lockout

Outage Notice: Final Notice

## Distribution System Status Outage Notification

Feeder/Bus #: HIB-307, HIB-308, HIB-309, HIB-310, CHL-1, CHL-2, CHL-3, BAL-1, BAL-2, HIB-312, HIB-315, KLY-1

Date Out: 5/18/2023                      Date In: 5/18/2023  
Time Out: 16:38                              Time In: 17:55

Duration: 77

Number of Customers Affected: 3599

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
Reliability Engineer  
Minnesota Power  
lgustafson@mnpower.com  
218-355-2399

Communities Affected: Hibbing, Chisholm

Major Customers: City of Hibbing, City of Chisholm, Chisholm High School,  
Chisholm Elementary School, Minnesota Discovery Center

Cause: Wildlife

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Hoyt Lakes 2 Feeder Lock Out

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: HYN-2

Date Out:	6/20/2023	Date In:	6/21/2023
Time Out:	18:31	Time In:	06:42

Duration: 731

Number of Customers Affected: 836

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
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Minnesota Power  
lgustafson@mnpower.com  
218-355-2399

Communities Affected: Hoyt Lakes

Major Customers: Hoyt Lakes Fire Station, Hoyt Lakes Arena, Hoyt Lakes Public Utilities

Cause: Overhead Equipment - Wire

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Colbyville 244 & 245 Feeder Lock Outs

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: COL-244, COL-245

Date Out: 6/26/2023

Date In: 6/26/2023

Time Out: 06:37

Time In: 08:08

Duration: 91

Number of Customers Affected: 2543

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
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218-355-2399

Communities Affected: Duluth- Lakeside area

Major Customers: Lester Park Elementary School, Rockridge Academy, US Water  
Lab, Duluth Fire Station 6

Cause: Unknown

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Riverton 505 Feeder Lock Out

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: RVT-505, IRN-1, CSB-1, CSB-2

Date Out:	7/31/2023	Date In:	7/31/2023
Time Out:	17:02	Time In:	19:23

Duration: 141

Number of Customers Affected: 1665

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
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lgustafson@mnpower.com  
218-355-2399

Communities Affected: Crosby, Ironton

Major Customers: Crosby-Ironton High School, Cuyuna Regional Medical Center,  
City of Crosby, DNR Office- Cuyuna Country State Recreation Area

Cause: Unknown

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Barnum 6421 Feeder Outage

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: BAR-6421

Date Out:	8/15/2023	Date In:	8/15/2023
Time Out:	01:02	Time In:	04:25

Duration: 203

Number of Customers Affected: 959

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
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Minnesota Power  
lgustafson@mnpower.com  
218-355-2399

Communities Affected: Barnum

Major Customers: Barnum Elementary School, Barnum High School

Cause: Planned Maintenance

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Little Falls 529 Feeder Lock Out

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: LFL-529, LFL-536, LFE-1, LFG-1, LFS-1

Date Out:	9/2/2023	Date In:	9/2/2023
Time Out:	19:19	Time In:	21:29

Duration: 130

Number of Customers Affected: 3389

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
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lgustafson@mnpower.com  
218-355-2399

Communities Affected: Little Falls

Major Customers: CHI St Gabriel's Hospital, Lindbergh Elementary, Little Falls Community Middle School, Little Falls Community High School, Little Falls Public Works

Cause: Wildlife

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Eveleth 1 Feeder Lock Out

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: ESS-1

Date Out:	9/4/2023	Date In:	9/4/2023
Time Out:	04:53	Time In:	06:22

Duration: 89

Number of Customers Affected: 939

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
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lgustafson@mnpower.com  
218-355-2399

Communities Affected: Eveleth

Major Customers: Eveleth Fire Department, City of Eveleth

Cause: Structure Fire

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Virginia 311 Feeder Lock Out

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: VRG-311, INJ-1, IBS-1, IBN-1

Date Out:	9/5/2023	Date In:	9/5/2023
Time Out:	15:03	Time In:	17:07

Duration: 124

Number of Customers Affected: 933

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
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218-355-2399

Communities Affected: Leonidas, Iron Junction, Eveleth Lakes

Major Customers: Eveleth City Garage, Eveleth Sewage Plant

Cause: Weather

Follow-Up: N/A



Form No. 6102 Rev. 7/10

Subject: Haines 229 Lock Out

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: HNS-229

Date Out:	9/14/2023	Date In:	9/14/2023
Time Out:	20:05	Time In:	21:39

Duration: 94

Number of Customers Affected: 869

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
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218-355-2399

Communities Affected: Duluth Heights

Major Customers: Lake Superior College, Home Depot, Target, Super One

Cause: Overhead Equipment

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Riverton 506 Feeder Lock Out

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: RVT-506, CTD-1, CUY-1, DER-1, DER-2, DHY-1, TRM-1

Date Out: 9/23/2023 Date In: 9/24/2023

Time Out: 23:37 Time In: 03:11

Duration: 214

Number of Customers Affected: 2038

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
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218-355-2399

Communities Affected: Crosby, Cuyuna, Deerwood, Trommald

Major Customers: Cuyuna Regional Medical Center, Cuyuna Range Elementary School, Deerwood Fire Department

Cause: Overhead Equipment

Follow-Up: Further Investigation revealed that an insulator failed during rain from a thunderstorm.

Form No. 6102 Rev. 7/10

Subject: Barnum 6421 Feeder Lock Out

Outage Notice: Final Notice

## Distribution System Status Outage Notification

Feeder/Bus #: BAR-6421

Date Out:	9/24/2023	Date In:	9/24/2023
Time Out:	07:34	Time In:	09:22

Duration: 108

Number of Customers Affected: 959

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
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lgustafson@mnpower.com  
218-355-2399

Communities Affected: Barnum

Major Customers: Barnum City Offices, City of Barnum Public Works, Barnum  
Elementary School

Cause: Weather

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Little Falls North Stepdown 1 Feeder Lock Out Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: NTH-1

Date Out:	9/25/2023	Date In:	9/25/2023
Time Out:	00:44	Time In:	3:10

Duration: 146

Number of Customers Affected: 589

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
Reliability Engineer  
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lgustafson@mnpower.com  
218-355-2399

Communities Affected: Little Falls

Major Customers: Little Falls Fire Department, Morrison County Government Center

Cause: Vegetation

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Ridgeview 251 Feeder Lock Out

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: RGV-251

Date Out:	10/29/2023	Date In:	10/29/2023
Time Out:	06:33	Time In:	08:03

Duration: 90

Number of Customers Affected: 1381

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
Reliability Engineer  
Minnesota Power  
lgustafson@mnpower.com  
218-355-2399

Communities Affected: Parts of East Hillside

Major Customers: St. Benedicts Catholic Church, City of Duluth

Cause: Wildlife- Beaver

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Browerville 1 & 2 Feeder Lock Out

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: BRW-1, BRW-2

Date Out: 11/25/2023

Date In: 11/25/2023

Time Out: 15:04

Time In: 20:45

Duration: 341

Number of Customers Affected: 656

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
Reliability Engineer  
Minnesota Power  
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218-355-2399

Communities Affected: Browerville

Major Customers: Browerville High School, Browerville City Hall

Cause: Overhead Equipment

Follow-Up: N/A

Form No. 6102 Rev. 7/10

Subject: Fredenberg 269 Feeder Lock Out

Outage Notice: Final Notice

## **Distribution System Status Outage Notification**

Feeder/Bus #: FBG-269

Date Out:	12/25/2023	Date In:	12/25/2023
Time Out:	20:29	Time In:	22:14

Duration: 105

Number of Customers Affected: 759

For information about this alert, contact:

For follow-up information or questions, contact: Lee Gustafson  
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218-355-2399

Communities Affected: Fredenberg, Island Lake area of Duluth

Major Customers: Fredenberg, Community Center, Anchor Point Church- Fredenberg

Cause: Vegetation

Follow-Up: N/A