Subject: Aurora 2

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: AUN-2

Date Out: Time Out:	6/1/2019 0750	Date In: Time In:	6/1/2019 1424	
Duration:	334			
Number of Customer	s Affected:	727		
For information about this alert, contact:				

For follow-up information or questions, contact:

Communities Affected:	Aurora
Major Customers:	City of Aurora
Cause:	Contractor broke metal structure on parent feeder with excavator
Follow-Up:	N/A

Subject: Aurora 2

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: AUN-2

Date Out: Time Out:	9/27/2019 0207	Date In: Time In:	9/27/2019 0516
Duration:	189		
Number of Customers	s Affected:	727	
For information about	this alert, contact:		

For follow-up information or questions, contact:

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 R	ev. 7/10					
Subject:	ct: Babbitt Townsite 1				Outage Notice: Final Notice	
Distribution	System St	atus Outage N	otifi	cation		
Feeder/Bus #:]	BBT-1					
Date Out: Time Out:	1/4/2 1006	019	Date Time		1/4/2019 1420	
Duration:	254					
Number of Cus	tomers Affec	eted:		1598		
For information	about this a	lert, contact:				
For follow-up information or questions, contact:			Brian Schn Reliability Minnesota bschminsk 218-355-20	Engineer Power i@mnpower.com		
Communities A	affected:	Babbit				
Major Custome	ers:	City of Babbit				
Cause:		Unknown, suspe	ected s	slow operation	ion of the breaker	
Follow-Up:		N/A				

Subject: Blanchard 511

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: BLD-511

Date Out: Time Out:	5/9/2019 0235	Date In: Time In:	5/9/2019 0422	
Duration:	107			
Number of Customer	s Affected:	728		
For information about this alert, contact:				
For follow-up inform	act: Brian Schmins Reliability Eng Minnesota Poy bschminski@r 218-355-2042	gineer ver		
Communities Affecte	ed: Royalton	216-333-2042		

Major Customers: City of Royalton

Cause: Unknown.

Earm No. 6102 Day 7/1/	2			
Form No. 6102 Rev. 7/10)			
Subject: Chishe	Chisholm 1			Outage Notice: Final Notice
Distribution Syst	em Status (Outage Noti	fication	
Feeder/Bus #: CHL-3	l			
Date Out:	6/17/2019	Da	te In:	6/17/2019
Time Out:	1315	Tir	ne In:	1428
Duration:	73			
Number of Customer	s Affected:		1009	
For information abou	t this alert, co	ontact:		
For follow-up information or questions, contact:		Reliabili Minneso	chminski ity Engineer ota Power ski@mnpower.com -2042	
Communities Affecte	ed: Chish	olm		
Major Customers:	City of	of Chisholm		
Cause:	Unkn	own.		
Follow-Up:	N/A			

Subject: Chisholm 2

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: CHL-2	2		
Date Out: Time Out:	6/17/2019 1315	Date In: Time In:	6/17/2019 1428
Duration:	73		
Number of Customers	s Affected:	574	
For information about	t this alert, contac	et:	
For follow-up inform	ation or questions	Reliability Minnesota	v Engineer a Power si@mnpower.com
Communities Affecte	d: Chisholm	1	
Major Customers:	City of C	hisholm	
Cause:	Parent fee	eder locked out to an un	known cause.
Follow-Up:	N/A		

Subject: Chisholm-3

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: CHL-3	}		
Date Out: Time Out:	6/17/2019 1315	Date In: Time In:	6/17/2019 1428
Duration:	73		
Number of Customers	s Affected:	968	
For information about	t this alert, conta	ct:	
For follow-up inform	ation or question	Reliabilit Minnesot	y Engineer a Power ki@mnpower.com
Communities Affecte	d: Chisholn	n	
Major Customers:	City of C	Chisholm	
Cause:	Unknow	n cause on parent feede	r outage.
Follow-Up:	N/A		

Form No. 6102 H	Rev. 7/10				
Subject:	Canosia 413				Outage Notice: Final Notice
Distribution	n System St	tatus Outa	ge Notifi	cation	
Feeder/Bus #:	CNA-413				
Date Out: Time Out:	10/20 1456	0/2019	Date Time		10/20/2019 1635
Duration:	99				
Number of Cu	stomers Affe	cted:		1232	
For informatio	n about this a	alert, contact:	:		
For follow-up	information o	or questions,	contact:	Minnesot	y Engineer a Power ki@mnpower.com
Communities .	Affected:	Rural Esko	, rural Pro	ctor, rural I	Hermantown, rural Duluth
Major Custom	ers:				
Cause:		Tree fell in	to feeder		
Follow-Up:		N/A			

Subject: Colbyville 242

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: COL-242

Date Out: Time Out:	4/11/2019 1539	Date In: Time In:	4/11/2019 1654	
Duration:	75			
Number of Customers Affected:		2756		
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:	Woodland, East Duluth
Major Customers:	City of Duluth, UMD (not main service)
Cause:	Weather
Follow-Up:	N/A

Form No. 6102 Re	v. 7/10				
Subject: C	Crosby 1				Outage Notice: Final Notice
Distribution	System S	tatus Outag	ge Notifi	ication	
Feeder/Bus #: C	CRS-1				
Date Out: Time Out:	10/1 013:	1/2019 5	Date Tim	e In: e In:	10/11/2019 0356
Duration:	141				
Number of Cust	omers Affe	ected:		535	
For information	about this	alert, contact:			
For follow-up in	formation	or questions, c	ontact:	Reliabil Minneso	chminski ity Engineer ota Power iski@mnpower.com -2042
Communities A	ffected:	Crosby			
Major Customer	'S:	City of Cros	by		
Cause:		Failed piece	of Overh	nead Eq or	n Parent Feeder
Follow-Up:		N/A			

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: Time In: 0356 0135 Duration: 141 Number of Customers Affected: 545 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 City of Crosby Major Customers: Cause: Failed piece of Overhead Eq on Parent Feeder Follow-Up: N/A

Subject: Deerwood 2

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: DER-2

Date Out: Time Out:	7/14/2019 1833	Date In: Time In:	7/14/2019 2203
Duration:	220		
Number of Customer	s Affected:	679	
For information abou	t this alert, contact:		

For follow-up information or questions, contact:	Brian Schminski Reliability Engineer
	Minnesota Power
	bschminski@mnpower.com
	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			n	Outage Notice: Final Notice	
Distributio	Distribution System Status Outage Notification					
Feeder/Bus #	*: DHY-1					
Date Out: Time Out:	7/14 1833	/2019		e In: le In:	7/14/2019 2233	
Duration:	240					
Number of C	Customers Affe	cted:		648		
For informat	ion about this	alert, contact:				
For follow-up information or questions, contact: Brian Schminski Reliability Engineer Minnesota Power bschminski@mnpower.com 218-355-2042						
Communities	s Affected:	South side of	Serpent	t lake, Rural	Deerwood	
Major Custor	mers:	City of Deerw	vood			
Cause:		Tree on Paren	t feede	r		
Follow-Up:		N/A				

Subject: Four Corners 214

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: FCS-214

Date Out: Time Out:	10/21/2019 1351	Date Tim	e In: e In:	10/21/2019 1515
Duration:	84			
Number of Customer	s Affected:		1549	
For information about this alert, contact:				
For follow-up inform	ation or questions, cont	act:	Brian Schminsk Reliability Engi Minnesota Pow bschminski@m 218-355-2042	neer er

Communities Affected:	Pike Lake, Hermantown
Major Customers:	City of Hermantown, St Louis County.
Cause:	Weather put a tree through the feeder

Follow-Up:

Subject: 15th Ave. West 260

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: FIF-260

Date Out: Time Out:	11/30/2019 1526	Date In: Time In:	11/30/2019 1628		
Duration:	62				
Number of Customers Affected: 969					
For information about this alert, contact:					
For follow-up inform	ation or questions, cont	act: Brian Schmins	ki		

Brian Schminski Reliability Engineer Minnesota Power bschminski@mnpower.com 218-355-2042

Communities Affected:	Canal Park, Park Point
Major Customers:	Canal Park buisinesses, City of Duluth
Cause:	Weather broke overhead equipment.

Follow-Up:

Form No. 6102 I	Rev. 7/10				
Subject:	Gutches Gro	ove 1			Outage Notice: Final Notice
Distribution	n System S	tatus Outage N	otifi	cation	
Feeder/Bus #:	GGR-1				
Date Out: Time Out:	2/1/2 0719		Date Time		2/1/2019 0950
Duration:	151				
Number of Cu	stomers Affe	cted:		641	
For informatio	n about this	alert, contact:			
For follow-up information or questions, contact: Brian Schminski Reliability Engineer Minnesota Power bschminski@mnpower.com 218-355-2042				Engineer Power @mnpower.com	
Communities .	Affected:	Rural Todd Cou	nty		
Major Custom	ers:				
Cause:		Parent feeder ou	itage;	Failed subst	ation bus PT
Follow-Up:		N/A			

Subject: Gary 200

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: GRY-200				
Date Out: Time Out:	7/10/2019 1958	Date In: Time In:	7/10/2019 2130	
Duration:	92			
Number of Customers	s Affected:	1496		
For information about	t this alert, contac	et:		
For follow-up information or questions, contact: Brian Schminski Reliability Engineer Minnesota Power bschminski@mnpower.com 218-355-2042				
Communities Affecte	d: West Dul	uth		
Major Customers:	City of D	uluth		
Cause: Substation Switch failure				

Subject: Gary 201

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: GRY-201				
Date Out: Time Out:	7/10/2019 1958	Date In: Time In:	7/10/2019 2144	
Duration:	106			
Number of Customer	s Affected:	1407		
For information abou	t this alert, conta	ct:		
For follow-up information or questions, contact: Brian Schminski Reliability Engineer Minnesota Power bschminski@mnpower.com 218-355-2042				
Communities Affecte	d: West Du	luth, Gary		
Major Customers:	City of C	Cloquet, City of Duluth		
Cause:	Broken s	Broken switch in the Substation		

Follow-Up:

Subject: Haines Road 236

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: HNS-236

Date Out: Time Out:	10/21/2019 1535	Date Time		10/21/2019 1718
Duration:	103			
Number of Customers	Affected:		4447	
For information about	this alert, contact:			
For follow-up informa	tion or questions, conta	ict:	Brian Schminski	

Communities Affected:	Hermantown, West Duluth
Major Customers:	
Cause:	Weather
Follow-Up:	N/A

Subject: Hoyt Lakes 2

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: HYN-2

Date Out: Time Out:	3/13/2019 2133	Date In: Time In:	3/13/2019 2325
Duration:	112		
Number of Customer	s Affected:	831	
For information about this alert, contact:			
For follow-up inform	ation or questions, cont	act: Brian Schminsl	

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: Outage Notice: Final Notice Little Falls East 1 **Distribution System Status Outage Notification** Feeder/Bus #: LFE-1 Date Out: 3/16/2019 Date In: 3/16/2019 Time Out: Time In: 0756 0523 Duration: 153 Number of Customers Affected: 795 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 Cause: Broken anchor rod flipped into wires. Follow-Up: N/A

Form No. 6102 Rev. 7/10 Subject: Outage Notice: Final Notice Little Falls East 1 **Distribution System Status Outage Notification** Feeder/Bus #: LFE-1 Date Out: 6/4/2019 Date In: 6/5/2019 Time Out: Time In: 0043 2325 Duration: 78 Number of Customers Affected: 795 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 Cause: Parent feeder locked out due to weather. Follow-Up: N/A

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 **Reliability Engineer** Minnesota Power bschminski@mnpower.com 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

Subject: Little Falls 529

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: LFL-52	29		
Date Out: Time Out:	6/4/2019 2325	Date In: Time In:	6/5/2019 0043
Duration:	78		
Number of Customers	Affected:	1598	
For information about	this alert, conta	ct:	
For follow-up informa	ation or question	Reliability Minnesota	Engineer Power i@mnpower.com
Communities Affected	d: Little Fal	lls	
Major Customers:	City of L	ittle Falls	
Cause:	Weather		

Follow-Up:

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: Time In: 0756 0523 Duration: 153 Number of Customers Affected: 1021 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 Cause: Broken anchor rod flipped into wires.

N/A

Follow-Up:

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: Time In: 0043 2325 Duration: 78 Number of Customers Affected: 1021 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 Cause: Weather

Follow-Up:

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	
Number of Customers	Allected.	035	
For information about	this alert, contact:		

For follow-up information or questions, contact:

Communities Affected:	Little Falls
Major Customers:	City of Little Falls
Cause:	Broken anchor rod flipped into wires.
Follow-Up:	N/A

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:

Communities Affected:	Little Falls
Major Customers:	City of Little Falls
Cause:	Fly hatch on Substation eq locked out parent feeder
Follow-Up:	N/A

Cause:

Follow-Up:

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: Time In: 0752 0523 Duration: 149 Number of Customers Affected: 610 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

N/A

Broken anchor rod flipped into wires.

Subject: Little Falls West 2

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: LFW-2

Date Out: Time Out:	7/27/2019 2214	Date In: Time In:	7/28/2019 0050	
Duration:	156			
Number of Customers Affected: 610				
For information about this alert, contact:				
For follow-up informa	ation or questions, conta		nminski zy Engineer	

Communities Affected:	Little Falls
Major Customers:	City of Little Falls
Cause:	Fly hatch on Substation eq locked out parent feeder
Follow-Up:	N/A

Subject: Lind Greenway 334

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: LGW-334

Date Out: Time Out:	4/22/2019 1147	Date In: Time In:	4/22/2019 1308
Duration:	81		
Number of Customers Affected: 589			
For information about this alert, contact:			
For follow-up inform	ation or questions, cont	act: Brian Schmins	ki

Brian Schminski Reliability Engineer Minnesota Power bschminski@mnpower.com 218-355-2042

Communities Affected:	Bovey, Coleraine, Trout Lake area.
Major Customers:	City of Bovey, City of Coleraine
Cause:	Failed Overhead Insualtor.

Form No. 6102 Rev. 7/10 Subject: Outage Notice: Final Notice Long Prairie 1 **Distribution System Status Outage Notification** Feeder/Bus #: LPD-1 Date Out: 2/1/2019 Date In: 2/1/2019 Time Out: Time In: 0950 0719 Duration: 151 Number of Customers Affected: 1598 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 Long Prairie Communities Affected: City of Long Prairie Major Customers: Cause: Failed substation bus PT on parent feeder. Follow-Up: N/A

Subject: Lake Superior Paper Inc 225

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: LSP-225

Date Out: Time Out:	6/20/2019 0708	Date In: Time In:	6/20/2019 0827	
Duration:	79			
Number of Customers	Affected:	1896		
For information about this alert, contact:				
For follow-up information or questions, contact:		Reliability Engin Minnesota Powe	Brian Schminski Reliability Engineer Minnesota Power bschminski@mnpower.com 218-355-2042	
Communities Affected	d: West Duluth			

Major Customers: City of Duluth, Various businesses

Cause: Failed Substation Breaker.

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 **Reliability Engineer** Minnesota Power bschminski@mnpower.com 218-355-2042 Communities Affected: Couth of Cloquet Fon Du Lac Community College Major Customers: Cause: Tree Fell through the feeder

Subject: Nashwauk 319

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: NAS-319

Date Out: Time Out:	5/3/2019 1037	Date In: Time In:	5/3/2019 1219
Duration:	102		
Number of Customers Affected: 1191			
For information about this alert, contact:			
For follow-up inform	act: Brian Schminsl Reliability Eng Minnesota Pow bschminski@m 218-355-2042	ineer ver	
Communities Affecte	ed Penguilly Marl	le	

Communities Affected:	Penguilly, Marble
Major Customers:	City of Marble
Cause:	Broken arrester inside the substation

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:		Reliability I Minnesota I	Engineer Power @mnpower.com
Communities Affected	d: Marble, Pengui	lly	
Major Customers:	City of Marble		
Cause:	Weather		

Follow-Up:

Subject: Nashwauk 319

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: NAS-319

Date Out: Time Out:	6/23/2019 0604	Date In: Time In:	6/23/2019 0742
Duration:	98		
Number of Customers Affected:		873	
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:	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

Subject: Little Falls North Stepdown 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: NTH-1			
Date Out: Time Out:	3/16/2019 0523	Date In: Time In:	3/16/2019 0752
Duration:	149		
Number of Customers	Affected:	590	
For information about	this alert, contac	et:	
For follow-up informa	ation or questions	Reliability Minnesota	Engineer Power i@mnpower.com
Communities Affecte	d: Little Fal	ls	
Major Customers:	City of Li	ittle Falls	
Cause:	Broken a	nchor rod flipped into w	vires.

N/A

Follow-Up:

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: Time In: 2214 0138 Duration: 204 Number of Customers Affected: 590 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 Cause: Fly hatch on Substation eq locked out parent feeder Follow-Up: N/A

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 **Reliability Engineer** Minnesota Power bschminski@mnpower.com 218-355-2042 Communities Affected: Pillager and greater area City of Pillager Major Customers: 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: Time In: 0552 0437 Duration: 75 Number of Customers Affected: 585 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 Park Rapids Communities Affected: City of Park Rapids Major Customers: Cause: Weather cause parent feeder lockout. Follow-Up: N/A

Subject: Ridgview 254

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: RGV-2	254			
Date Out: Time Out:	10/21/2019 1358		e In: ne In:	10/21/2019 1534
Duration:	96			
Number of Customers	Affected:		2449	
For information about	this alert, con	tact:		
For follow-up informa	ation or questio	ons, contact:	Brian Schm Reliability F Minnesota F bschminski 218-355-204	Engineer Power @mnpower.com
Communities Affected	d: Central	l Duluth		
Major Customers:	City of	Duluth		
Cause:	Weathe	er		
Follow-Up:	N/A			

Subject: Royalton 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: ROY-1	l		
Date Out: Time Out:	5/9/2019 0235	Date In: Time In:	5/9/2019 0422
Duration:	107		
Number of Customers	Affected:	663	
For information about	t this alert, conta	act:	
For follow-up informa	ation or question	Reliability Minnesota	Engineer Power i@mnpower.com
Communities Affected	d: Royalton	n	
Major Customers:	City of I	Royalton	
Cause:	Unknow	n cause on parent feed.	
Follow-Up:	N/A		

Form No. 6102 Rev. 7/10 Subject: Outage Notice: Final Notice Sandstone 452 **Distribution System Status Outage Notification** Feeder/Bus #: SAN-452 Date Out: 8/6/2019 Date In: 8/6/2019 Time Out: Time In: 1055 0930 Duration: 85 Number of Customers Affected: 1259 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: Sandstone Major Customers: City of Sandstone Cause: Failed Substation Equipment Follow-Up: N/A

Subject: St. Croix 2

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: STC-2

Date Out: Time Out:	1/4/2019 1006	Date In: Time In:	1/4/2019 1423
Duration:	257		
Number of Customers Affected:		527	
For information abou			

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

Communities Affected:	White Iron Lake, Farm Lake
Major Customers:	
Cause:	Unknown
Follow-Up:	N/A

Subject: Ten Mile Lake 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: TML-1

Date Out: Time Out:	4/11/2019 1751	Date In: Time In:	4/11/2019 2031
Duration:	160		
Number of Customers Affected:		620	
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 around Ten Mile Lake
Major Customers:	
Cause:	Parent feeder lockout
Follow-Up:	N/A

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
	Reliability Engineer
	Minnesota Power
	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 So	oudan 2		Outage Notice: Final Notice	
Distribution System	n Status Outage N	otification		
Feeder/Bus #: TWN-2				
	/4/2019 006	Date In: Time In:	1/4/2019 1143	
Duration: 9	7			
Number of Customers A	Affected:	593		
For information about th	nis alert, contact:			
For follow-up information or questions, contact:		Reliabilit Minnesot bschmins	Brian Schminski Reliability Engineer Minnesota Power bschminski@mnpower.com 218-355-2042	
Communities Affected:	Tower			
Major Customers:	City of Tower, v	City of Tower, various resorts/campsites		
Cause:	Parent feeder ou	Parent feeder outage to unknown cause.		
Follow-Up:	N/A			

Subject: Upsala 1

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: UPS-1

Date Out: Time Out:	5/8/2019 2239	Date In: Time In:	5/9/2019 0531
Duration:	412		
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

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: Time In: 1751 1944 Duration: 113 Number of Customers Affected: 712 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: 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: Time In: 1751 1944 Duration: 113 Number of Customers Affected: 1598 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 Walker, Rural Walker south and west. Major Customers: City of Walker Cause: Broken Pole on Parent Feeder. Follow-Up: N/A

Subject: Wrenshall 411

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: WRN-411					
Date Out: Time Out:	12/1/2019 0707	019 Date In: 12/1/ Time In: 2052			
Duration:	162				
Number of Customers Affected:					
For information abou	t this alert, contact:				
For follow-up information or questions, contact: Brian Schminski Reliability Engineer Minnesota Power bschminski@mnpower.com 218-355-2042					
Communities Affecte	d: Wrenshall and	Wrenshall and surrounding areas			
Major Customers:	NNG, City of V	NNG, City of Wrenshall			
Cause:	Weather fell a	Weather fell a tree in the feeder.			

N/A

Follow-Up:

Subject: Wrenshall 411

Outage Notice: Final Notice

Distribution System Status Outage Notification

Feeder/Bus #: WRN-411					
Date Out: Time Out:	12/1/2019 1328	Date I Time		12/1/2019 1810	
Duration:	282				
Number of Customers Affected: 1093					
For information abou	t this alert, contac	et:			
For follow-up information or questions, contact: Brian Schminski Reliability Engineer Minnesota Power bschminski@mnpower.com 218-355-2042					
Communities Affecte	d: Wrenshal	Wrenshall and surrounding areas			
Major Customers:	NNG, Cit	NNG, City of Wrenshall			
Cause:	Weather				

N/A

Follow-Up:

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 2319 Time Out: Time In: 1839 Duration: 280 Number of Customers Affected: 816 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: Cohasset City of Cohasset Major Customers: Cause: Section of feeder fell, causing conductor damage. Follow-Up: N/A