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April 20, 2026

Lisa Felice
Executive Secretary
Michigan Public Service Commission
7109 West Saginaw Highway
3rd Floor
Lansing, MI 48917

Re: Case No. U-12270

Dear Ms. Felice:

Enclosed for electronic filing is Cloverland Electric Cooperative's 2025 MPSC Service Quality and Reliability Standards for Electric Utilities Annual Report. If you have any questions, please contact me.

Sincerely,

Dykema Gossett PLLC

Richard J. Aaron

Digitally signed by: Richard J. Aaron
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Date: 2026.04.20 16:50:25 -04'00'

Richard J. Aaron

4862-2325-2656.1

MPSC Service Quality and Reliability Standards for Electric Utilities
R460.731 Annual Report

Utility or Cooperative:	Cloverland Electric Coop
Year:	2025

SUMMARY TABLE R460.732(s)

	Meter Reading Factor R460.732 (a)	New Service Installation Factor R460.732(b)	Wire Down Relief Factor R460.732 (c)		Outage Restoration				CEMI4	
					All Conditions R460.732 (d)	Normal Conditions R460.732 (e)	Gray-Sky Conditions R460.732 (f)	Catastrophic Conditions R460.732 (g)	Sustained Interruptions R460.732 (h)(i)	
	Meter Reading Factor (Percentage)	*New Services Installed in 15 Business Days or Less (Percentage)*	*The percentage of the first responder guarded downed wires that are relieved by an electric utility representative within 120 minutes after notification in MSAs.*	*The percentage of the first responder guarded downed wires that are relieved by an electric utility representative within 180 minutes after notification in non-MSAs.*	*Percentage of Customers Restored in 36 Hours or Less*	*Percentage of Customers Restored in 8 Hours or Less*	*Percentage of Customers Restored in 24 Hours or Less*	*Percentage of Customers Restored in 48 Hours or Less*	*Percentage of Customers Served Experiencing 4 or More Sustained Interruptions*	*Number of Customers Experiencing 4 or More Sustained Interruptions*
Utility or cooperative performance during year	100%	99%	100%	80%	99.84%	99.86%	99.95%	99.98%	47.15%	20,543
MPSC Annual Performance Standard	95% or more	90% or more completed within 15 business days	90% or more within 120 minutes in MSAs	90% or more within 180 minutes in non-MSAs	90% or more customers restored in 36 hours or less	90% or more customers restored in 8 hours or less	90% or more customers restored in 24 hours or less	90% or more customers restored in 48 hours or less	6% or less before 2030; 5% or less in 2030 or later	
Did utility or cooperative comply with performance standard (Yes/No)	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	

A detailed explanation of the steps the electric utility or cooperative is taking to bring its performance to an acceptable level. If more than 6% of customers experienced 4 or more sustained interruptions within the year and that year was 2029 or a prior year, or if more than 5% of customers experienced 4 or more sustained interruptions within the year and that year was 2030 or a future year, a description of all catastrophic conditions experienced during the year is also required. (Can be put on a separate page.) R 460.732 (h)(ii) and R 460.732 (h)(iii).	Spring ice storms are becoming more common to our area and are becoming more devastating. We experienced eight (8) catastrophic outage event days (1/18/25, 3/20/25, 3/30/25, 3/31/25, 4/2/25, 4/29/25, 11/3/25, 12/29/25) including a major ice storm in April which needed several days for outage restoration, prompting a state of emergency declaration for one of our counties. The new hot spot right-of-way tree trimming technique we adopted in 2025 is working for us and the winter tree trimming practice we adopted a few years ago has also proven to be a difference maker. While many outages were weather-related, we also had a few significant equipment-related failures causing outages related to transformers and a failed substation switch. Our Engineering Department has an equipment replacement plan and tracks the ages of the all our transformers and substations, however, some scheduled replacements in 2025 were delayed due to emergency repairs. We also have a line rebuild schedule per our four-year work plan, and plan to rebuild 13.5 miles of line in 2026. We rebuilt one substation and plan to replace another one in 2026, while tentatively planning to upgrade one substation every other year thereafter depending on budget constraints. The addition of an internal tree trimming crew was approved and since the Fall of 2025, we've been working on purchasing equipment for those crews, and we are waiting on the delivery of the bucket truck before we move forward with hiring. To further strengthen our tree management program, we've shortened our right-of-way clearing rotation to four years, which should make a notable impact. We're also refining our line inspection process and shortening the inspection rotation from ten years down to seven, with the ultimate goal of reaching a five-year cycle. We are also using our drone fleet more aggressively to aid in identifying downed lines during major storms and assessing vegetation growth in the right-of-way. While these changes are all positive steps, it's worth noting that we will need a few years before we see a significant statistical impact from these endeavors.

CUSTOMER CREDITS PROVIDED DURING THE YEAR

Item	Sector	Number of credits provided	Total Customer Credits ($) (1)
Customer Credits Provided for Failure to Restore Service within 96 Hours of the Start of Sustained Interruption during Catastrophic Conditions R460.732(i)	*Residential*	0	0
	Commercial	0	0
	Industrial	0	0
Customer Credits Provided for Failure to Restore Service within 48 Hours of the Start of Sustained Interruption during Gray Sky Conditions R460.732(j)	*Residential*	0	0
	Commercial	0	0
	Industrial	0	0
Customer Credits Provided for Failure to Restore Service within 16 Hours of the Start of Sustained Interruption during Normal Conditions R460.732(k)	*Residential*	0	0
	Commercial	0	0
	Industrial	0	0
Customer Credits Provided to Individual Customers Who Experienced 6 or more Sustained Interruptions. R460.732(l)	*Residential*	0	0
	Commercial	0	0
	Industrial	0	0

WORST PERFORMING CIRCUITS DURING THE YEAR

1. For each electric utility with 1,000,000 or more customers, a list of its 10 worst performing circuits for the prior year in terms of SAIDI and SAIFI. For each listed circuit, provide the following information below. R460.732(m) and R 460.732 (o). Please see the definition of "circuit" below in (8).

2. For each electric utility or cooperative with less than 1,000,000 customers, a list of the worst performing 1% of circuits for the prior year in terms of SAIDI and SAIFI. For each listed circuit, provide the following information below. R460.732(n) and R 460.732 (o). Please see the definition of "circuit" below in (8).

Worst performing circuit(s) by SAIDI excluding major event days (MEDs) (7), (8), (11)

	Circuit 1	Circuit 2	Circuit 3	Circuit 4	Circuit 5	Circuit 6	Circuit 7	Circuit 8	Circuit 9	Circuit 10
Circuit Name	**EK1**									
Circuit Number	**1**									
Location of Circuit - zip codes (2)	49728, 49768									
Circuit Length (miles)	**141.6**									
SAIDI excluding MEDs	1110.5									
SAIFI excluding MEDs	6.848									
SAIDI all conditions	1855.8									
SAIFI all conditions	8.06									
Number of Customers Served	1431									
Substation Name	Eckerman									
Last Circuit Trim (year) (3)	2024 (Spring)									
List of Outages and Causes (can be put on a separate page) (4)	See attached									
Corrective action to improve performance (can be put on a separate page)	Tree trimming was completed in the beginning of 2024; Long-term planning entails conversion to underground for many troublesome areas. Substation reliability is being addressed with enhanced backfeed capabilities and planned rebuild of station in 2028-2029									

Worst performing circuit(s) by SAIFI excluding MEDs (7), (8), (11)

	Circuit 1	Circuit 2	Circuit 3	Circuit 4	Circuit 5	Circuit 6	Circuit 7	Circuit 8	Circuit 9	Circuit 10
Circuit Name	**DT2**									
Circuit Number	**2**									
Location of Circuit - zip codes (2)	49726									
Circuit Length (miles)	**199.9**									
SAIFI excluding MEDs	7.7									
SAIDI excluding MEDs	695									
SAIFI all conditions	9.7									
SAIDI all conditions	1755.5									
Number of Customers Served	1799									

Substation Name	Detour									
Last Circuit Trim (year) (3)	2017									
List of Outages and Causes (can be put on a separate page) (4)	See attached									
Corrective action to improve performance (can be put on a separate page)	Tree trimming is scheduled for this year. This circuit is a large island, so response times are exaggerated due to the inherent issues with the isolated nature of the island.									

	CEMI0	CEMI1	CEMI2	CEMI3	CEMI4	CEMI5	CEMI6	CEMI7	CEMI8	CEMI9	CEMI10
CEMI Reporting for Indices CEMI0 through CEMI10+ R460.732(p) (5)	15.97%	84.03%	68.49%	59.31%	50.00%	40.09%	32.42%	25.25%	19.86%	16.40%	12.02%

CELID		
CELID Reporting R460.732(q) (6)	**CELID8hours**	19.86%
	CELID24hours	0.00%
	CELID48hours	0.00%

MOMENTARY INTERRUPTIONS	
Number of Non-Residential Customers Experiencing Momentary Interruptions R460.732(r)	Not Available

System-wide SAIDI, SAIFI, and CAIDI (9)

	All conditions						**Excludes MEDs** (11)					
	SAIDI		**SAIFI**		**CAIDI**		**SAIDI**		**SAIFI**		**CAIDI**	
Year	Annual	5 year average	Annual	5 year average	Annual	5 year average	Annual	5 year average	Annual	5 year average	Annual	5 year average
2021	1019.5	1021.0	3.9	3.39	263.7	300.87	286	268.5	2.4	2.12	119.8	126.82
2022	670.7	976.8	3.2	3.41	208.0	286.25	376.1	299.3	2.7	2.34	141.8	128.17
2023	402.1	910.2	2.6	3.38	156.3	269.08	213.8	213.8	2.1	2.06	103.7	103.7
2024	540.2	612.3	3.6	3.21	148.2	190.91	384.6	319.1	3.1	2.57	126.0	124.31
2025	1020.3	730.3	4.4	3.54	231.5	206.44	356.9	324.8	3.1	2.66	114.2	122.16

Power Quality information (10)

Power quality information shall contain data on: **a) all power quality investigations conducted in the past year for industrial customers who have requested a power quality investigation as a result of an event originating from utility equipment; and** **b) power quality investigations conducted in the past year into any power quality event. For purposes of this form, a power quality event is defined as an event that affected customers on a single circuit or substation; resulted in damage to customer appliances, equipment, or wiring; and occurred within a 24-hour period. (Can be put on a separate page or pages.)**	a) One investigation occurred that revealed the issue was beyond the meter and due to the member's electrical system.	b) One power quality investigation was conducted. In May 2025, a residential member alleged a power outage in January 2025 was the root cause of water damage in a home. However, the investigation revealed that power was available to the home and that a shutoff at the main breaker in the home was the likely reason for power disruption, leading to frozen and broken water pipes.

DEFINITIONS AND NOTES

(1) "Total customer credits" means the dollar amount of customer credits provided on customer bills during the year.

(2) "Location of Circuit - zip codes" refers to the zip codes where spans of the circuit are located.

(3) "Last circuit trim (year)" is the last year there was trimming on the circuit as part of a normal tree trim cycle (not reactive trimming)

(4) "List of outages and causes" - please discuss outages that meet the definition of a "major interruption" as defined by R 460.3102(j)

(5) For CEMI0 through CEMI10+ reporting, please provide percentages. Reporting should be all conditions.

(6) For CELID reporting, please provide percentages. Reporting should be all conditions and follow the definition of CELID Single Interruption Duration per IEEE 1366-2022 section 4.2.8. Do not double count multiple outages of that fall within the same time bracket. For example, a customer experiencing two nine-hour outages should only be reported once in CELID8hrs. Longer outages may qualify for inclusion in multiple CELID metrics. For example, a customer experiencing a 30-hour outage may be reported in CELID8hrs and CELID24hrs.

(7) For the worst performing circuits sections, SAIDI and SAIFI should be calculated on a system basis. Worst performing circuits operated by utilities and cooperatives with less 1,000,000 customers should not be compared to worst performing circuits that are operated by utilities with 1,000,000 or more customers.

(8) For the worst performing circuits sections, a circuit is defined as a substation feeder or line exit from a substation serving at least 10 metered customers.

(9) The system-wide SAIDI, SAIFI, and CAIDI data is requested pursuant to MCL 460.55 and the July 7, 2023 order in Case No. U-12270.

(10) Power quality information is being requested pursuant to the July 7, 2023 order in Case No. U-12270.

(11) Major event day, or MED, is defined according to IEEE 1366-2022.

* A customer shall be defined as a "metered electric service."

** Interruptions that occur as a result of outages on customer-owned facilities, or loss of supply from another utility, should not be included in IEEE reliability index calculations.

Outage	Sub	Feeder	Phs	# Out	Time Off	Time On	Duration	Line Sect	Outage Name	Master Outage	Map Location	Type	Dispatch Comments	Cause Desc	Equip Desc	Cause Cd	Equip Cd	Status	Weather	District	Customer Minutes
499684	4	2	B	161	10/4/2025 5:30	10/4/2025 7:01	1:31	R-DM1064 003	DM1064	FALSE	R-DM1064 003	Line Section	Beavers fell some trees ove...	Animal, other	Protection operated as intended	69	98	Restored		Detour Division	14688
501027	4	2	C	62	12/5/2025 11:19	12/5/2025 11:33	0:13	F2-DM1155 003-1		FALSE	F2-DM1155 003-1	Line Section	Crew replaced 25 amp line f...	Cause Unknown	Protection operated as intended	99	98	Restored	100	Detour Division	866
500860	4	2	C	45	11/27/2025 1:54	11/27/2025 2:57	1:02	F-DM1018 005		FALSE	F-DM1018 005	Line Section	Crew unable to determine ca...	Cause Unknown	Protection operated as intended	99	98	Restored	30	Detour Division	2830
500787	4	2	A	62	11/20/2025 9:51	11/20/2025 10:15	0:23	F-DM1046	DM1-47	FALSE	F-DM1046	Line Section	Cause unknown. Crew replac...	Cause Unknown	Protection operated as intended	99	98	Restored		Detour Division	1449
499950	4	2	B	4	10/14/2025 16:57	10/14/2025 17:10	0:13	DM1186N		FALSE	DM1186N	Transformer	2.75 amp XMFR fuse cause un...	Cause Unknown	Protection operated as intended	99	98	Restored	100	Detour Division	54
495029	4	2	C	1	4/1/2025 6:00	4/1/2025 17:55	11:55	2558302	DM1132/057 Single	FALSE	DM1132 057NU	Meter	Power on when crew arrived.	Cause Unknown	Protection operated as intended	99	98	Restored		Detour Division	715
493291	4	2	B	22	3/10/2025 23:21	3/11/2025 0:06	0:44	F1-DM1149 001-1	DM1149	FALSE	F1-DM1149 001-1	Line Section	Crew did not find a cause. ...	Cause Unknown	Protection operated as intended	99	98	Restored		Detour Division	980
492832	4	2	A	13	1/27/2025 7:25	1/27/2025 9:20	1:55	F1-DM1155 026-1		FALSE	F1-DM1155 026-1	Line Section	10 amp line fuse cause unkn...	Cause Unknown	Protection operated as intended	99	98	Restored	30	Detour Division	1496
497584	4	2	B	2	6/17/2025 12:10	6/17/2025 13:48	1:38	F-DM1251 019		FALSE	F-DM1251 019	Line Section	Crew had this off to set pole	Construction	Pole, distribution	10	20	Restored	100	Detour Division	196
500870	4	2	A	1	11/27/2025 10:28	11/27/2025 11:16	0:47	1748400		FALSE	DM1159MA	Meter	Crew replaced a bad connect...	Corrosion or abrasion	Secondary connection	41	63	Restored	30	Detour Division	47
498635	4	2	C	45	8/8/2025 20:42	8/8/2025 23:00	2:17	F-DM1018 005	DM1-18	FALSE	F-DM1018 005	Line Section	Jumper burned line down at ...	Corrosion or abrasion	OH primary conductor	41	30	Restored	100	Detour Division	6186
495815	4	2	ABC	1721	4/3/2025 7:58	4/3/2025 10:33	2:34	R-DM1008	Drummond Island	FALSE	R-DM1008	Feeder	Broken insulator at pole DM...	Corrosion or abrasion	Protection operated as intended	41	98	Restored	40	Detour Division	266210
493210	4	2	A	113	3/4/2025 11:16	3/4/2025 13:14	1:58	span_21220	DM1/156 A phase	TRUE	21220	Line Section	A phase burned down near po...	Corrosion or abrasion	OH primary conductor	41	30	Restored		Detour Division	10842
499818	4	2	ABC	1725	10/7/2025 22:08	10/7/2025 23:03	0:55	R-DM1008	DM1/008->	FALSE	R-DM1008	Line Section	Sleeve pulled apart between...	Decay or age	OH connection or clamp	40	31	Restored	30	Detour Division	96571
499624	4	2	B	1	9/27/2025 12:13	9/27/2025 15:01	2:47	32001797		FALSE	DM1233 005UT	Meter	Bad leg on USE. Crew instal...	Decay or age	Secondary USE cable	40	44	Restored	100	Detour Division	167
493452	4	2	A	1	3/19/2025 16:27	3/19/2025 17:05	0:37	3683800		FALSE	DM1045 043MUX1	Meter	insulink pulled apart	Decay or age	Secondary connection	40	63	Restored	10	Detour Division	37
492863	4	2	ABC	1007	1/27/2025 14:17	1/27/2025 14:50	0:33	SW-0005-B		FALSE	SW-0005	Line Section	Outage Restored by Order Id...	Decay or age	Jumper	40	33	Restored		Detour Division	33432
498687	4	2	C	24	8/9/2025 20:40	8/9/2025 23:31	2:50	F-DM1155A 006	DM1-155A/006->	FALSE	F-DM1155A 006	Line Section	Crew replaced a broken cut-...	Equipment	Protection operated as intended	30	98	Restored	100	Detour Division	4092
498224	4	2	A	13	7/12/2025 11:18	7/12/2025 12:56	1:37	F-DM1070	DM1/70 Tap	FALSE	F-DM1070	Line Section	Crew replaced a bad sets of...	Equipment	OH line arrestor	30	35	Restored	10	Detour Division	1266
498094	4	2	B	1	7/4/2025 11:57	7/4/2025 14:24	2:27	DM1064 028N		FALSE	DM1064 028N	Transformer	Crew replaced bad transform...	Equipment	Bad transformer	30	50	Restored		Detour Division	147
496137	4	2	B	2	4/12/2025 7:02	4/12/2025 8:35	1:33	F-DM1130 016	DM1130/16	FALSE	F-DM1130 016	Line Section	Crew replaced bad cutout do...	Equipment	Fuse cutout	30	36	Restored		Detour Division	186
499443	4	2	B	1	9/15/2025 13:48	9/15/2025 15:35	1:47	DM1064A 001PUT		FALSE	DM1064A 001PUT	Transformer	XMFR exchange SO 1732540	Lightning	Bad transformer	50	50	Restored		Detour Division	107
499088	4	2	B	1	8/16/2025 15:20	8/28/2025 9:37	282:17:00	DM1064A 001PUT		FALSE	DM1064A 001PUT	Transformer	3 amp transformer fuse caus...	Lightning	Protection operated as intended	50	98	Restored	20	Detour Division	16937
498835	4	2	B	2	8/16/2025 13:36	8/16/2025 15:20	1:44	F-DM1064A 001		FALSE	F-DM1064A 001	Line Section	Crew replaced a 3 amp trans...	Lightning	Protection operated as intended	50	98	Restored	20	Detour Division	208
498833	4	2	A	13	8/16/2025 12:23	8/16/2025 13:02	0:38	F-DM1070		FALSE	F-DM1070	Line Section	Crew replaced a 20 amp tap ...	Lightning	Protection operated as intended	50	98	Restored	20	Detour Division	495
498614	4	2	C	11	8/8/2025 7:46	8/8/2025 8:24	0:38	F-DM1132G 010	DM1132G1	FALSE	F-DM1132G 010	Line Section	Lightning. Crew replaced a ...	Lightning	Protection operated as intended	50	98	Restored		Detour Division	421
498611	4	2	C	112	8/8/2025 7:26	8/8/2025 7:50	0:24	R-DM1034 006	DM1034/6>	FALSE	R-DM1034 006	Line Section	Lightning was the cause. Cr...	Lightning	Protection operated as intended	50	98	Restored	20	Detour Division	2744
499571	4	2	A	16	9/25/2025 9:33	9/25/2025 9:54	0:20	F-DM1155 028	DM1155/28	FALSE	F-DM1155 028	Line Section	Crew opened line to change ...	Maintenance	No equipment failure	11	99	Restored		Detour Division	333
493222	4	2	ABC	1007	3/4/2025 12:40	3/4/2025 13:05	0:24	SW-0005-B		TRUE	SW-0005	Line Section	Crew repaired downed line a...	Maintenance	OH primary conductor	11	30	Restored		Detour Division	22552
498443	4	2	B	1	7/25/2025 19:26	7/25/2025 21:29	2:03	DM1233 005UT	DM1233 005UT	FALSE	DM1233 005UT	Transformer	Member said they hit wire, ...	Member equip or member caused	Protection operated as intended	70	98	Restored	100	Detour Division	123
495051	4	2	B	1	4/1/2025 9:20	4/2/2025 20:49	35:29:00	2793400	Pings on	FALSE	DM1132C 009MU	Meter	Pings online.	Other	No equipment failure	80	99	Restored		Detour Division	2129
492834	4	2	B	52	1/27/2025 7:59	1/27/2025 8:41	0:42	F-DM1021 002	DM1-21	FALSE	F-DM1021 002	Line Section	Crew replaced 25 amp line f...	Other	Protection operated as intended	80	98	Restored	30	Detour Division	2184
499939	4	2	C	49	10/14/2025 12:00	10/14/2025 12:25	0:25	F-DM1132 201	DM1-231/201->	FALSE	F-DM1132 201	Line Section	Planned outage on the DM1-1...	Planned, other	Pole, distribution	19	20	Restored		Detour Division	1269
499377	4	2	C	62	9/11/2025 15:49	9/11/2025 16:28	0:38	F2-DM1155 003-1		FALSE	F2-DM1155 003-1	Line Section	Crew replaced a 20 amp tap ...	Small animal or bird	Protection operated as intended	60	98	Restored	100	Detour Division	2389
498776	4	2	C	3	8/13/2025 12:30	8/13/2025 12:42	0:12	DM1155A 006M		FALSE	DM1155A 006M	Transformer	Squirrel. Crew replaced 2am...	Small animal or bird	Protection operated as intended	60	98	Restored		Detour Division	37
498323	4	2	A	16	7/18/2025 9:05	7/18/2025 14:11	5:06	F-DM1155 028		FALSE	F-DM1155 028	Line Section	Squirrel. Crew replaced 15...	Small animal or bird	Protection operated as intended	60	98	Restored	100	Detour Division	4903
498082	4	2	C	1	7/3/2025 15:51	7/3/2025 16:31	0:40	DM1132 080	DM1132/105	FALSE	DM1132 080	Transformer	Squirrel. Crew replaced 1 ...	Small animal or bird	Protection operated as intended	60	98	Restored		Detour Division	40
497528	4	2	A	62	6/12/2025 9:21	6/12/2025 12:25	3:04	F-DM1046	DM1-47 Tap	FALSE	F-DM1046	Line Section	20 amp line fuse caused by ...	Small animal or bird	Protection operated as intended	60	98	Restored		Detour Division	11444
496292	4	2	A	2	4/18/2025 13:00	4/18/2025 13:50	0:50	DM1047 002N		FALSE	DM1047 002N	Transformer	Crew replaced a 2 amp trans...	Small animal or bird	Protection operated as intended	60	98	Restored		Detour Division	101
501021	4	2	B	7	12/5/2025 7:45	12/5/2025 11:10	3:25	F2-DM1130 011		FALSE	F2-DM1130 011	Line Section	Crew removed a tree and rep...	Trees	Protection operated as intended	44	98	Restored	40	Detour Division	1436
501016	4	2	ABC	331	12/5/2025 3:19	12/5/2025 4:00	0:41	R-DM1162		FALSE	R-DM1162	Line Section	Crew removed tree from line...	Trees	Protection operated as intended	44	98	Restored	40	Detour Division	13714
500721	4	2	B	161	11/18/2025 7:14	11/18/2025 8:20	1:05	R-DM1064 003		FALSE	R-DM1064 003	Line Section	Beavers fell (20 trees on l...	Trees	Protection operated as intended	44	98	Restored		Detour Division	10558
500685	4	2	A	1	11/15/2025 22:09	11/16/2025 1:57	3:48	1528600		FALSE	DM1159RBX2	Meter	Damaged disconnect SO 1734977	Trees	Pole, distribution	44	20	Restored	30	Detour Division	228
500628	4	2	B	161	11/15/2025 2:39	11/15/2025 5:50	3:10	R-DM1064 003		FALSE	R-DM1064 003	Line Section	Crew removed a tree from th...	Trees	Protection operated as intended	44	98	Restored	30	Detour Division	30748
500362	4	2	B	7	11/3/2025 9:58	11/3/2025 10:17	0:18	F-DM1132F 008	DM1132F1	FALSE	F-DM1132F 008	Line Section	Crew removed a tree from th...	Trees	Protection operated as intended	44	98	Restored		Detour Division	131
500358	4	2	C	10	11/3/2025 9:12	11/3/2025 9:56	0:44	F-DM1132 156	DM1-132K	FALSE	F-DM1132 156	Line Section	Crew removed tree between p...	Trees	Protection operated as intended	44	98	Restored		Detour Division	440
500348	4	2	C	49	11/3/2025 2:14	11/3/2025 8:02	5:48	F-DM1132 201	DM1-132/201->	TRUE	F-DM1132 201	Line Section	Included outage 500349 in S...	Trees	OH primary conductor	44	30	Restored		Detour Division	16933
500309	4	2	A	39	11/3/2025 0:14	11/3/2025 7:07	6:52	F-DM1045 019	DM1-45/19->	FALSE	F-DM1045 019	Line Section	Crew removed tree at pole 3...	Trees	Protection operated as intended	44	98	Restored		Detour Division	16098
500057	4	2	C	1	10/19/2025 16:03	10/19/2025 17:28	1:25	801700		FALSE	DM1034D 001AX2	Meter	Spruce tree tore service do...	Trees	Protection operated as intended	44	98	Restored		Detour Division	85
500055	4	2	B	2	10/19/2025 16:00	10/19/2025 16:17	0:17	F-DM1064B 013		FALSE	F-DM1064B 013	Line Section	Crew removed tree at pole 8...	Trees	Protection operated as intended	44	98	Restored		Detour Division	34
500044	4	2	B	26	10/19/2025 15:23	10/19/2025 16:06	0:42	F-DM1064A1 004	DM1064A1/4>	FALSE	F-DM1064A1 004	Line Section	Crew removed tree at pole 6...	Trees	Protection operated as intended	44	98	Restored		Detour Division	1110
499779	4	2	ABC	1725	10/7/2025 20:12	10/7/2025 21:51	1:39	R-DM1008	DM1/008->	FALSE	R-DM1008	Line Section	Crew had a tree rip down 2 ...	Trees	OH primary conductor	44	30	Restored	30	Detour Division	171206
499764	4	2	ABC	331	10/7/2025 18:42	10/7/2025 21:53	3:10	R-DM1162	DM1/162->	FALSE	R-DM1162	Line Section	Crew had a tree rip down pr...	Trees	OH primary conductor	44	30	Restored	30	Detour Division	30269
499442	4	2	B	8	9/15/2025 13:39	9/15/2025 15:59	2:19	F-DM1183 012-1W		FALSE	F-DM1183 012-1W	Line Section	Crew removed a tree from th...	Trees	Protection operated as intended	44	98	Restored	100	Detour Division	1117
499284	4	2	B	1	9/5/2025 12:33	9/5/2025 13:59	1:25	3871400	DM1064/73M HALF POWER	FALSE	DM1064 073MU	Meter	Crew removed a tree from th...	Trees	Secondary conductor	44	60	Restored		Detour Division	85
499261	4	2	C	13	9/5/2025 10:56	9/5/2025 12:49	1:53	F-DM1034 017	DM1-34/17->	FALSE	F-DM1034 017	Line Section	Crew removed tree and repla...	Trees	Protection operated as intended	44	98	Restored	30	Detour Division	1471
499260	4	2	B	23	9/5/2025 11:02	9/5/2025 13:10	2:07	F1-DM1149 001-1	DM1149	FALSE	F1-DM1149 001-1	Line Section	25 amp line fuse caused by ...	Trees	Protection operated as intended	44	98	Restored		Detour Division	2940
499174	4	2	C	47	9/2/2025 13:05	9/2/2025 14:21	1:15	F-DM1034 030		FALSE	F-DM1034 030	Line Section	Chippewa County Road Commis...	Trees	Protection operated as intended	44	98	Restored	100	Detour Division	3528
498975	4	2	C	47	8/20/2025 13:57	8/20/2025 15:43	1:45	F-DM1034 030	DM1034/30>	FALSE	F-DM1034 030	Line Section	Crew removed at branch at p...	Trees	Protection operated as intended	44	98	Restored		Detour Division	4974
498826	4	2	B	21	8/16/2025 7:34	8/16/2025 10:31	2:57	F-DM1132 012		FALSE	F-DM1132 012	Line Section	Tree hit line. Crew replace...	Trees	Protection operated as intended	44	98	Restored	100	Detour Division	3721
498761	4	2	A	11	8/13/2025 3:45	8/13/2025 5:48	2:02	F-DM1103B 001	DM1-103B/001->	FALSE	F-DM1103B 001	Line Section	Cre wremoved a tree and rep...	Trees	Protection operated as intended	44	98	Restored	30	Detour Division	1350
498412	4	2	A	5	7/24/2025 8:36	7/24/2025 9:19	0:42	F-DM1167	DM1/167	FALSE	F-DM1167	Line Section	Crew found a dead tree that...	Trees	Protection operated as intended	44	98	Restored	100	Detour Division	213
498405	4	2	ABC	330	7/24/2025 6:28	7/24/2025 7:50	1:22	R-DM1162	DM1/162 open	FALSE	R-DM1162	Line Section	Crew removed tree at pole D...	Trees	Protection operated as intended	44	98	Restored		Detour Division	27181
497227	4	2	B	8	5/23/2025 5:29	5/23/2025 8:33	3:03	F-DM1250	DM1-251 Line	FALSE	F-DM1250	Line Section	Crew removed a tree from th...	Trees	Protection operated as intended	44	98	Restored	10	Detour Division	1471
496753	4	2	B	3	5/2/2025 13:01	5/2/2025 16:18	3:17	F-DM1132 013	DM1-132B	FALSE	F-DM1132 013	Line Section	Crew removed a tree at pole...	Trees	Protection operated as intended	44	98	Restored	100	Detour Division	591
496735	4	2	B	21	5/1/2025 21:29	5/1/2025 22:11	0:42	F-DM1132 012	DM1132A	FALSE	F-DM1132 012	Line Section	Crew removed tree at pole 1...	Trees	Protection operated as intended	44	98	Restored	10	Detour Division	890
496683	4	2	C	2	4/30/2025 6:17	4/30/2025 14:00	7:42	span_624971	DM1132/89M	FALSE	624971	Line Section	7 amp line fuse caused by t...	Trees	Protection operated as intended	44	98	Restored		Detour Division	925
496641	4	2	A	43	4/29/2025 16:44	4/29/2025 20:25	3:41	F2-DM1103	DM1/103 Tap	FALSE	F2-DM1103	Line Section	Crew replaced a 25 amp line...	Trees	Protection operated as intended	44	98	Restored	30	Detour Division	9509
496447	4	2	B	8	4/26/2025 3:13	4/26/2025 4:15	1:02	F-DM1250		FALSE	F-DM1250	Line Section	It appears a tree fell and ...	Trees	Protection operated as intended	44	98	Restored		Detour Division	496
496261	4	2	B	3	4/16/2025 6:18	4/28/2025 13:01	294:42:00	DM1183 006	LaPointe Island	FALSE	DM1183 006	Transformer	Crew removed tree on triplex.	Trees	No equipment failure	44	99	Restored	30	Detour Division	53046
496063	4	2	ABC	1717	3/30/2025 21:20	4/1/2025 20:38	47:17:00	R-DM1008		TRUE	R-DM1008	Line Section	15 amp line fuse caused by ...	Trees	Protection operated as intended	44	98	Restored	50		1350869

495941	4	2	B	1	4/3/2025 18:38	4/3/2025 20:23	1:44	DM1132 008	DM1-132/008	FALSE	DM1132 008	Transformer	Crew replaced 3 amp transfo…	Trees	Protection operated as intended	44	98	Restored	30	Detour Division	104
495940	4	2	B	1	4/3/2025 18:38	4/28/2025 13:02	594:24:00	1983300	LAPOINTE ISLAND DM1-183/007BX2	FALSE	DM1183 007BX2	Meter	Crew repaired down secondar…	Trees	Secondary conductor	44	60	Restored	30	Detour Division	35664
495902	4	2	A	2	4/3/2025 14:56	4/3/2025 17:18	2:22	span_16974	DM1-47/14	FALSE	16974	Line Section	Crew removed big tree. Pick…	Trees	Secondary conductor	44	60	Restored	30	Detour Division	284
495885	4	2	BC	344	4/3/2025 13:12	4/3/2025 16:30	3:18	R-DM1132 004	DM1-132/004-> "BC"	FALSE	R-DM1132 004	Line Section	Crew remove tree from line.…	Trees	Protection operated as intended	44	98	Restored	30	Detour Division	68266
495848	4	2	C	1	4/3/2025 10:56	4/3/2025 21:20	10:24	1981500	DM1132/229mux1	FALSE	DM1132 229MUX1	Meter	Tree and 5 amp line fuse	Trees	Protection operated as intended	44	98	Restored		Detour Division	425
495218	4	2	A	75	4/2/2025 10:37	4/2/2025 20:51	10:14	R-DM1045 001	DM1-45->	FALSE	R-DM1045 001	Line Section	tree OCR	Trees	Protection operated as intended	44	98	Restored		Detour Division	46067
495186	4	2	C	2	4/2/2025 8:41	4/2/2025 22:04	13:22	F-DM1132 229	DM1132/229M XMFR	FALSE	F-DM1132 229	Line Section	Tree. Crew replaced 5 amp …	Trees	Protection operated as intended	44	98	Restored		Detour Division	1605
495072	4	2	C	45	4/1/2025 11:00	4/1/2025 20:37	9:37	F-DM1018 005	DM1018/005>	FALSE	F-DM1018 005	Line Section	25 amp line fuse caused by …	Trees	Protection operated as intended	44	98	Restored		Detour Division	25968
494887	4	2	B	4	3/31/2025 18:05	4/1/2025 21:28	27:23:00	span_28915	DM1-64/29	FALSE	28915	Line Section	7 amp line fuse caused by t…	Trees	No equipment failure	44	99	Restored		Detour Division	6572
494867	4	2	B	3	3/31/2025 15:07	4/1/2025 11:44	20:36	F-DM1132 013	DM1-132B Tap	FALSE	F-DM1132 013	Line Section	Crew removed multiple trees…	Trees	Protection operated as intended	44	98	Restored		Detour Division	3710
494852	4	2	C	52	3/31/2025 13:46	4/1/2025 17:57	28:10:00	F-DM1132 111	DM1-132G Tap	FALSE	F-DM1132 111	Line Section	Several trees at several lo…	Trees	Protection operated as intended	44	98	Restored		Detour Division	71841
494835	4	2	B	25	3/31/2025 14:49	4/1/2025 13:21	22:31	F2-DM1132 074	DM1-132F Tap	FALSE	F2-DM1132 074	Line Section	Crew removed tree at pole 2…	Trees	Protection operated as intended	44	98	Restored		Detour Division	33787
494834	4	2	B	2	3/31/2025 14:47	3/31/2025 20:11	5:24	DM1132A 003	DM1-132A/003	FALSE	DM1132A 003	Transformer	2 amp xf fused replace. Tre…	Trees	Protection operated as intended	44	98	Restored	30	Detour Division	648
494825	4	2	C	62	3/31/2025 13:12	3/31/2025 19:54	6:41	F2-DM1155 003-1	DM1-155A Tap	FALSE	F2-DM1155 003-1	Line Section	Crew removed multiple trees…	Trees	Protection operated as intended	44	98	Restored	50	Detour Division	24908
494819	4	2	C	111	3/31/2025 13:18	3/31/2025 18:44	5:26	R-DM1034 006	DM1-34/006->	FALSE	R-DM1034 006	Line Section	Tree removed and replaced a…	Trees	Protection operated as intended	44	98	Restored	30	Detour Division	36200
494752	4	2	C	65	3/31/2025 12:59	4/1/2025 17:30	28:30:00	F-DM1132 136	DM1132/136>	FALSE	F-DM1132 136	Line Section	20 amp line fuse caused by …	Trees	Protection operated as intended	44	98	Restored		Detour Division	111193
494738	4	2	B	2	3/31/2025 12:02	4/1/2025 22:06	34:04:00	F-DM1166	DM1166	FALSE	F-DM1166	Line Section	7 amp line fuses caused by …	Trees	Protection operated as intended	44	98	Restored		Detour Division	4088
494688	4	2	B	32	3/31/2025 10:53	3/31/2025 12:39	1:46	R-DM1162 002	DM1162	FALSE	R-DM1162 002	Line Section	Crew removed multiple trees…	Trees	Protection operated as intended	44	98	Restored	50	Detour Division	3403
494687	4	2	B	14	3/31/2025 10:45	4/1/2025 9:19	22:33	F-DM1130 002-1	DM1130/2-1>	FALSE	F-DM1130 002-1	Line Section	Crew removed tree at 11M an…	Trees	Protection operated as intended	44	98	Restored		Detour Division	18952
494686	4	2	A	38	3/31/2025 10:43	3/31/2025 17:03	6:20	F-DM1045 019	DM1045/19>	FALSE	F-DM1045 019	Line Section	Crew removed trees and repl…	Trees	Protection operated as intended	44	98	Restored	50	Detour Division	14442
494452	4	2	B	157	3/30/2025 21:01	3/31/2025 14:41	17:40	R-DM1064 003	DM1064/003>	FALSE	R-DM1064 003	Line Section	Crew repaired downed primar…	Trees	Protection operated as intended	44	98	Restored	50	Detour Division	41338
494430	4	2	C	49	3/30/2025 21:04	4/1/2025 17:31	44:26:00	F-DM1132 201	DM1132/201>	FALSE	F-DM1132 201	Line Section	Several trees at several lo…	Trees	Protection operated as intended	44	98	Restored		Detour Division	7603
493423	4	2	B	1	3/16/2025 15:38	3/16/2025 16:43	1:05	F-DM1132D 006	DM1132D/6->	FALSE	F-DM1132D 006	Line Section	Crew removed tree from line…	Trees	Protection operated as intended	44	98	Restored	30	Detour Division	65
493331	4	2	B	6	3/11/2025 9:00	3/11/2025 9:47	0:46	F-DM1132 056	DM1132E	FALSE	F-DM1132 056	Line Section	10 amp line fuse cause by t…	Trees	Protection operated as intended	44	98	Restored	30	Detour Division	277
492962	4	2	A	1	2/13/2025 8:33	2/13/2025 10:38	2:05	3681300		FALSE	DM1045 025	Meter	Crew removed tree, member i…	Trees	Secondary connection	44	63	Restored	70	Detour Division	125
492865	4	2	C	52	1/27/2025 15:18	1/27/2025 16:19	1:01	F-DM1132 111	DM1-132G Tap	FALSE	F-DM1132 111	Line Section	Crew had burnt down primary…	Trees	OH primary conductor	44	30	Restored	30	Detour Division	3180
492842	4	2	A	5	1/27/2025 9:10	1/27/2025 9:54	0:43	F1-DM1155 012	DM1155D LINE	FALSE	F1-DM1155 012	Line Section	Crew repaired down primary …	Trees	OH primary conductor	44	30	Restored		Detour Division	216
492837	4	2	C	30	1/27/2025 8:23	1/27/2025 10:28	2:04	F-DM1018 025	DM1-18/25->	FALSE	F-DM1018 025	Line Section	Tree at pole 31… 15 amp l…	Trees	Protection operated as intended	44	98	Restored	30	Detour Division	3740
492835	4	2	A	81	1/27/2025 8:00	1/27/2025 9:10	1:09	F1-DM1155 003-1	DM1155/3-1	FALSE	F1-DM1155 003-1	Line Section	25 amp line fuse caused by …	Trees	Protection operated as intended	44	98	Restored		Detour Division	4715
492833	4	2	C	28	1/27/2025 7:54	1/27/2025 9:33	1:38	F-DM1155A 006	DM1155A LINE	FALSE	F-DM1155A 006	Line Section	This line went out first. T…	Trees	Protection operated as intended	44	98	Restored		Detour Division	2760
492828	4	2	B	156	1/27/2025 7:05	1/27/2025 8:17	1:12	R-DM1064 003		FALSE	R-DM1064 003	Line Section	Crew replaced arrestor at p…	Trees	OH primary conductor	44	30	Restored	30	Detour Division	11242
501013	4	2	B	17	12/5/2025 0:44	12/5/2025 1:39	0:55	F-DM1132 034		FALSE	F-DM1132 034	Line Section	Truck went off the road and…	Vehicle or machinery	Anchor or guy	71	22	Restored		Detour Division	940
500156	4	2	B	2	10/22/2025 9:59	10/22/2025 15:31	5:31	DM1132 003	DM1-132/003	FALSE	DM1132 003	Transformer	Pole hads been replaced.	Vehicle or machinery	Pole, distribution	71	20	Restored	100	Detour Division	663
500151	4	2	B	1	10/22/2025 9:59	10/22/2025 14:41	4:41	span_19999		FALSE	19999	Line Section	Crew replacing transformer.…	Vehicle or machinery	Pole, distribution	71	20	Restored	100	Detour Division	111
500148	4	2	B	125	10/22/2025 9:59	10/22/2025 13:20	3:21	R-DM1132 004	DM1-132/004-> "B Phase"	TRUE	R-DM1132 004	Line Section	Bill called poleis replaced…	Vehicle or machinery	Pole, distribution	71	20	Restored		Detour Division	21330
500146	4	2	C	217	10/22/2025 11:50	10/22/2025 12:53	1:02	R-DM1132 004	DM1-132/004-> "C Phase"	TRUE	R-DM1132 004	Line Section	Crew re energized except fo…	Vehicle or machinery	Pole, distribution	71	20	Restored	100	Detour Division	13514
499078	4	2	A	1	8/25/2025 12:22	8/25/2025 15:22	2:59	2607300		FALSE	DM1047 017U	Meter	Crew spliced wire.	Vehicle or machinery	Secondary USE cable	71	44	Restored	30	Detour Division	179
498380	4	2	B	1	7/22/2025 10:41	7/22/2025 13:31	2:50	DM1132F 002		FALSE	DM1132F 002	Transformer	Crew repaired open wire sec…	Vehicle or machinery	Secondary conductor	71	60	Restored		Detour Division	170
497952	4	2	ABC	1724	6/30/2025 8:38	6/30/2025 9:38	0:59	R-DM1008		FALSE	R-DM1008	Line Section	Car guy wire accident. Crew…	Vehicle or machinery	Protection operated as intended	71	98	Restored		Detour Division	102836
501205	4	2	B	1	12/18/2025 12:56	12/18/2025 14:00	1:04	564603		FALSE	DM1149 008NU	Meter	Ice fwll off the roof and k…	Wind/ice/snow	Metering equipment	51	61	Restored	30	Detour Division	64
495942	4	2	C	1	4/3/2025 18:39	4/4/2025 21:32	26:53:00	1827900	DM1-18C/10A	FALSE	DM1018C 010A	Meter	Neutral pulled apart and on…	Wind/ice/snow	Secondary conductor	51	60	Restored		Detour Division	1613
492860	4	2	ABC	1716	1/27/2025 13:55	1/27/2025 14:52	0:56	R-DM1008	Drummond Island	TRUE	R-DM1008	Line Section	Included outage 492864 in S…	Wind/ice/snow	Jumper	51	33	Restored	30	Detour Division	36884

Outage	Sub	Feeder	Phs	# Out	Time Off	Time On	Duration	Line Sect	Outage Name	Master Outage	Map Location	Type	Dispatch Comments	Cause Desc	Equip Desc	Cause Cd	Equip Cd	Status	Weather	District	Customer Minutes
492755	5	99	ABC	1531	1/18/2025 2:06	1/18/2025 11:29	9:23	ECKERMAN		TRUE	ECKERMAN	Substation	Crew installed jumpers at p...	Equipment	Substation equipment failure, other	30	19	Restored		Newberry Division	684871
492753	5	1	ABC	912	1/18/2025 9:24	1/18/2025 20:57	11:33	R-EK1211		FALSE	R-EK1211	Line Section	Outage entered by psavoie	Equipment	Substation equipment failure, other	30	19	Restored		Newberry Division	632072
501550	5	1	ABC	490	12/29/2025 9:54	12/29/2025 18:55	9:01	R-EK1410	EK1-410 "C" PHASE	FALSE	R-EK1410	Line Section	CREW OPENED OCR ALL PHASES ...	Trees	Protection operated as intended	44	98	Restored	40	Newberry Division	265122
497600	5	1	ABC	1345	6/18/2025 16:57	6/18/2025 20:02	3:04	B-EK1	EK1	FALSE	B-EK1	Feeder	New Reactorat EK1/123 was o...	Equipment	Substation equipment failure, other	30	19	Restored		Newberry Division	248197
493321	5	1	ABC	914	3/11/2025 7:43	3/11/2025 11:13	3:29	R-EK1211	R-EK1211	FALSE	R-EK1211	Line Section	Tree burnt down all 3 phase...	Trees	OH primary conductor	44	30	Restored	30	Newberry Division	191513
498812	5	1	ABC	1344	8/16/2025 5:21	8/16/2025 7:28	2:07	B-EK1		FALSE	B-EK1	Feeder	Crew removed a tree from th...	Trees	Protection operated as intended	44	98	Restored	20	Newberry Division	171606
500429	5	1	C	328	11/3/2025 15:24	11/3/2025 21:51	6:26	R-EK1315-1	EK1-315-1 "C" Phase	FALSE	R-EK1315-1	Line Section	Crew removed tree between 3...	Trees	Protection operated as intended	44	98	Restored	30	Newberry Division	126149
498926	5	1	A	314	8/19/2025 3:28	8/19/2025 9:22	5:54	R-EK1315-1		FALSE	R-EK1315-1	Line Section	Outage 498937 goes back to ...	Trees	Protection operated as intended	44	98	Restored	10	Newberry Division	111260
500695	5	1	B	147	11/15/2025 15:46	11/16/2025 5:11	13:24	R-EK1410	EK1-410 to end	TRUE	R-EK1410	Line Section	Crew removed multiple trees...	Trees	Protection operated as intended	44	98	Restored		Newberry Division	110396
495830	5	1	A	318	4/3/2025 8:38	4/3/2025 12:36	3:58	R-EK1211	EK1/211 A phase open	FALSE	R-EK1211	Line Section	Crew picked line up and res...	Trees	OH primary conductor	44	30	Restored		Newberry Division	75370
496742	5	1	ABC	887	5/6/2025 10:00	5/6/2025 11:08	1:08	R-EK1315-1	EK1/315-1 -> "Planned"	FALSE	R-EK1315-1	Line Section	Planned Outage complete.	Planned, other	No equipment failure	19	99	Restored	100	Newberry Division	60715
500406	5	1	B	127	11/3/2025 13:59	11/3/2025 21:43	7:44	span_62053	EK1466-> "B" Phase	FALSE	62053	Line Section	Crew made repair to burnt o...	Equipment	Jumper	30	33	Restored	30	Newberry Division	58985
498937	5	1	ABC	918	8/19/2025 9:23	8/19/2025 10:18	0:54	R-EK1211		FALSE	R-EK1211	Line Section	Trees tore line down at EN1...	Trees	OH primary conductor	44	30	Restored	10	Newberry Division	50474
500638	5	1	B	72	11/15/2025 15:46	11/16/2025 2:51	11:05	R-EK1405 012	EK1-405	FALSE	R-EK1405 012	Line Section	Tree burned line down at po...	Trees	OH primary conductor	44	30	Restored	30	Newberry Division	47895
500690	5	1	AC	666	11/16/2025 1:45	11/16/2025 2:51	1:06	R-EK1211	EK1/211 open	FALSE	R-EK1211	Line Section	Crew opened A and C phases ...	Trees	No equipment failure	44	99	Restored	30	Newberry Division	43673
501739	5	1	C	19	12/29/2025 6:38	12/30/2025 17:30	34:52:00	F-EK1319 046	EK1319/31>	FALSE	F-EK1319 046	Line Section	Crew replaced a 15 amp line...	Wind/ice/snow	Protection operated as intended	51	98	Restored	40	Newberry Division	39749
495701	5	1	B	36	4/2/2025 20:38	4/3/2025 13:46	17:08	R-EK1108A 059-1	EK1-108A/59-1 open	FALSE	R-EK1108A 059-1	Line Section	Crew removed several trees ...	Trees	Protection operated as intended	44	98	Restored	30	Newberry Division	37014
500377	5	1	C	350	11/3/2025 10:45	11/3/2025 12:40	1:54	R-EK1211	EK1/211> "C" Phase	TRUE	R-EK1211	Line Section	Crew knocked dead Balasm tr...	Trees	Protection operated as intended	44	98	Restored		Newberry Division	35525
498597	5	1	ABC	159	8/8/2025 3:29	8/8/2025 7:07	3:37	R-EK1531		FALSE	R-EK1531	Line Section	Tree on line between 575-57...	Trees	Protection operated as intended	44	98	Restored	20	Newberry Division	34579
497531	5	1	ABC	1345	6/18/2025 10:00	6/18/2025 10:24	0:24	B-EK1	EK1 FEEDER	FALSE	B-EK1	Feeder	Crew completed their work a...	Planned, other	No equipment failure	19	99	Restored		Newberry Division	32571
495855	5	1	BC	603	4/3/2025 11:47	4/3/2025 12:35	0:47	R-EK1211		FALSE	R-EK1211	Line Section	Crew made repairs and reset...	Maintenance	No equipment failure	11	99	Restored		Newberry Division	28823
496961	5	1	C	328	5/16/2025 17:38	5/16/2025 19:04	1:26	R-EK1315-1		FALSE	R-EK1315-1	Line Section	Crew opened breakers at 315...	Trees	No equipment failure	44	99	Restored		Newberry Division	28519
500650	5	1	B	261	11/15/2025 15:54	11/16/2025 2:51	10:57	R-EK1211	B-phase	FALSE	R-EK1211	Line Section	Tree across all 3 phases at...	Trees	OH primary conductor	44	30	Restored	30	Newberry Division	26286
492934	5	1	B	60	2/6/2025 19:10	2/7/2025 1:34	6:24	R-EK1531		TRUE	R-EK1531	Line Section	Included outage 492941 in S...	Trees	OH primary conductor	44	30	Restored		Newberry Division	19496
500471	5	1	AB	570	11/3/2025 21:11	11/3/2025 21:51	0:39	R-EK1315-1	EK1315-1 "AB" phase	FALSE	R-EK1315-1	Line Section	Crew removed tree between 3...	Trees	Protection operated as intended	44	98	Restored		Newberry Division	18455
492781	5	1	A	60	1/18/2025 16:07	1/18/2025 20:19	4:12	F-EK1015B 004		FALSE	F-EK1015B 004	Line Section	EK1 energized to EK1211	Equipment	Substation equipment failure, other	30	19	Restored		Newberry Division	14759
500209	5	1	C	66	10/25/2025 23:16	10/26/2025 2:42	3:25	F-EK1108 032	EK1-180/32>	FALSE	F-EK1108 032	Line Section	A Beaver chopped a tree on ...	Animal, other	OH primary conductor	69	30	Restored		Newberry Division	13570
500677	5	1	C	71	11/15/2025 20:20	11/15/2025 23:23	3:02	R-EK1108 001	EK1-108 c phase	FALSE	R-EK1108 001	Line Section	Appears that tree limbs hit...	Trees	Protection operated as intended	44	98	Restored	30	Newberry Division	12936
492929	5	1	AC	96	2/6/2025 21:49	2/6/2025 23:50	2:01	R-EK1531		FALSE	R-EK1531	Line Section	Crew patrolled line and did...	Maintenance	No equipment failure	11	99	Restored		Newberry Division	11633
500337	5	1	B	11	11/3/2025 6:24	11/3/2025 19:59	13:35	R-EK1405 181-1	EK1-405/181-1 ->	FALSE	R-EK1405 181-1	Line Section	crew replced pole and restr...	Trees	Pole, distribution	44	20	Restored	30	Newberry Division	8969
501385	5	1	A	16	12/29/2025 5:11	12/29/2025 14:11	8:59	F-EK1190 001	EK1190	FALSE	F-EK1190 001	Line Section	TREE 30 AMP LINE FUSE	Trees	Protection operated as intended	44	98	Restored	40	Newberry Division	8639
500258	5	1	C	66	11/2/2025 5:04	11/2/2025 7:02	1:58	F-EK1108 032	EK1-108/32->	FALSE	F-EK1108 032	Line Section	Cause unknown. Crew replac...	Cause Unknown	Protection operated as intended	99	98	Restored		Newberry Division	7816
498439	5	1	C	67	7/25/2025 18:07	7/25/2025 19:43	1:35	F-EK1108 032	EK1108/32->	FALSE	F-EK1108 032	Line Section	Tree and 20 amp line fuse	Trees	Protection operated as intended	44	98	Restored	100	Newberry Division	6379
492639	5	1	A	25	1/17/2025 8:30	1/17/2025 12:39	4:09	F-EK1015B 004	EK1015B	FALSE	F-EK1015B 004	Line Section	Crew repaired fray in prima...	Decay or age	OH primary conductor	40	30	Restored		Newberry Division	6227
498745	5	1	B	45	8/12/2025 20:12	8/12/2025 22:26	2:13	R-EK1108A1 001		FALSE	R-EK1108A1 001	Line Section	Crew removed tree from prim...	Trees	Protection operated as intended	44	98	Restored		Newberry Division	6018
493819	5	1	C	67	3/20/2025 18:00	3/20/2025 19:28	1:28	F-EK1108 032		FALSE	F-EK1108 032	Line Section	snow load 15 amp line fuse	Wind/ice/snow	Protection operated as intended	51	98	Restored	40	Newberry Division	5932
500851	5	1	B	36	11/26/2025 6:25	11/26/2025 9:01	2:35	R-EK1108A 059-1	EK1-108A/59 open	FALSE	R-EK1108A 059-1	Line Section	Tree fell on primary and wr...	Trees	Protection operated as intended	44	98	Restored	10	Newberry Division	5596
501408	5	1	C	15	12/29/2025 6:28	12/29/2025 21:04	14:35	F-EK1548	EK1548	FALSE	F-EK1548	Line Section	TREE TOP CAME THROUGH 10 AM...	Trees	Protection operated as intended	44	98	Restored	40	Newberry Division	5019
500336	5	1	C	19	11/3/2025 6:22	11/3/2025 10:45	4:22	F-EK1319 046	EK1-319/70->	FALSE	F-EK1319 046	Line Section	Tree at pole 68 was the cau...	Trees	Protection operated as intended	44	98	Restored	30	Newberry Division	4990
492798	5	1	C	30	1/20/2025 8:15	1/20/2025 10:46	2:30	F-EK1319 031		FALSE	F-EK1319 031	Line Section	Crew replaced a 15 amp line...	Wind/ice/snow	Protection operated as intended	51	98	Restored		Newberry Division	4520
500632	5	1	B	27	11/15/2025 6:39	11/15/2025 9:22	2:42	R-EK1573 001-1	EK1-573/001-1 ->	FALSE	R-EK1573 001-1	Line Section	Crew closed in and held. Tr...	Trees	Protection operated as intended	44	98	Restored	30	Newberry Division	4397
499932	5	1	C	30	10/12/2025 13:35	10/12/2025 15:46	2:11	F-EK1319 031	EK1-319/31->	FALSE	F-EK1319 031	Line Section	Tree burnt down the phase a...	Trees	OH primary conductor	44	30	Restored	100	Newberry Division	3935
496557	5	1	C	27	4/29/2025 12:59	4/29/2025 15:06	2:06	R-EK1531	EK1531 TO END	FALSE	R-EK1531	Line Section	Crew removed tree that was ...	Trees	Protection operated as intended	44	98	Restored		Newberry Division	3420
497026	5	1	AB	565	5/16/2025 18:58	5/16/2025 19:04	0:05	R-EK1315-1		FALSE	R-EK1315-1	Line Section	Crew opened line at 1850 tp...	Trees	Protection operated as intended	44	98	Restored		Newberry Division	3245
501717	5	1	B	3	12/29/2025 20:43	12/30/2025 13:33	16:50	EK1573 033	EK1573/33 XMFR	FALSE	EK1573 033	Transformer	Crew restrung phase and neu...	Trees	OH primary conductor	44	30	Restored	30	Newberry Division	3031
501713	5	1	B	27	12/29/2025 9:40	12/29/2025 20:24	10:44	R-EK1573 001-1		FALSE	R-EK1573 001-1	Line Section	NO WIRE DOWN, CREW REMOVED ...	Trees	Protection operated as intended	44	98	Restored		Newberry Division	2780
501181	5	1	A	16	12/16/2025 18:34	12/16/2025 20:39	2:04	F-EK1190 001		FALSE	F-EK1190 001	Line Section	Tree fell and hit line then...	Trees	Protection operated as intended	44	98	Restored		Newberry Division	1984
500641	5	1	B	3	11/15/2025 15:52	11/16/2025 2:51	10:59	F-EK1405D 001	EK1-405D	FALSE	F-EK1405D 001	Line Section	Tree burned line down at po...	Trees	OH primary conductor	44	30	Restored	30	Newberry Division	1977
496959	5	1	A	16	5/16/2025 17:23	5/16/2025 19:21	1:58	F-EK1190 001	EK1190	FALSE	F-EK1190 001	Line Section	Crew removed a tree from li...	Trees	Protection operated as intended	44	98	Restored	30	Newberry Division	1889
500697	5	1	C	27	11/16/2025 4:00	11/16/2025 5:11	1:10	R-EK1531		FALSE	R-EK1531	Line Section	Crew removed multiple trees...	Trees	Protection operated as intended	44	98	Restored	30	Newberry Division	1836
497942	5	1	A	18	6/29/2025 16:40	6/29/2025 18:20	1:39	F-EK1515	EK1516	FALSE	F-EK1515	Line Section	Crew removed tree from prim...	Trees	Protection operated as intended	44	98	Restored		Newberry Division	1795
497726	5	1	B	10	6/20/2025 12:52	6/20/2025 15:00	2:07	F-EK1573A 001		FALSE	F-EK1573A 001	Line Section	Squirrel was the cause. Cre...	Small animal or bird	Protection operated as intended	60	98	Restored		Newberry Division	1273
495890	5	1	B	1	4/3/2025 14:10	4/4/2025 10:43	20:32	1176200	EK1458MA	FALSE	EK1458M	Meter	Crew fixed bad connection a...	Equipment	No equipment failure	30	99	Restored		Newberry Division	1232
500698	5	1	A	72	11/16/2025 4:55	11/16/2025 5:11	0:16	R-EK1531		FALSE	R-EK1531	Line Section	Crew removed multiple trees...	Trees	No equipment failure	44	99	Restored		Newberry Division	1148
492812	5	1	B	11	1/22/2025 13:50	1/22/2025 15:16	1:25	R-EK1405 181-1		FALSE	R-EK1405 181-1	Line Section	Crew found that snowload wa...	Wind/ice/snow	Protection operated as intended	51	98	Restored		Newberry Division	945
498427	5	1	A	1	7/24/2025 20:31	7/25/2025 10:29	13:58	3617800		FALSE	EK1380BU	Meter	Crew installed new triplex ...	Vehicle or machinery	Secondary conductor	71	60	Restored		Newberry Division	838
499846	5	1	A	12	10/9/2025 10:14	10/9/2025 11:19	1:04	span_57435		FALSE	57435	Line Section	Primary URD re-energized.	Planned, other	Secondary USE cable	19	44	Restored	100	Newberry Division	776
497830	5	1	B	9	6/23/2025 17:45	6/23/2025 19:02	1:17	F-EK1405 151	EK1-405C line	FALSE	F-EK1405 151	Line Section	Crew removed a tree between...	Trees	Protection operated as intended	44	98	Restored	30	Newberry Division	696
496826	5	1	B	6	5/6/2025 15:33	5/6/2025 17:11	1:38	EK1490 013		FALSE	EK1490 013	Transformer	Squirrel was the cause. Cre...	Small animal or bird	Protection operated as intended	60	98	Restored		Newberry Division	590
496870	5	1	A	6	5/9/2025 19:41	5/9/2025 21:13	1:32	EK1411M	EK1411	FALSE	EK1411M	Transformer	Squirrel was the cause. Cre...	Small animal or bird	Protection operated as intended	60	98	Restored		Newberry Division	553
497375	5	1	B	3	6/3/2025 15:29	6/3/2025 18:18	2:49	EK1108C 007UT	EK1-108C/007UT	FALSE	EK1108C 007UT	Transformer	Crew had to splice serivice...	Vehicle or machinery	Secondary conductor	71	60	Restored	100	Newberry Division	507
499834	5	1	A	16	10/8/2025 11:38	10/8/2025 12:09	0:31	F-EK1390		FALSE	F-EK1390	Line Section	Crew completed work.	Maintenance	No equipment failure	11	99	Restored	100	Newberry Division	499
498448	5	1	A	7	7/26/2025 9:50	7/26/2025 10:57	1:06	F-EK1382MU		FALSE	F-EK1382MU	Line Section	Crew did not find a cause. ...	Cause Unknown	No equipment failure	99	99	Restored		Newberry Division	467
497225	5	1	C	2	5/22/2025 20:26	5/22/2025 23:43	3:16	F-EK1369 001	EK1369/28A	FALSE	F-EK1369 001	Line Section	Crew removed a tree and rep...	Trees	Protection operated as intended	44	98	Restored	10	Newberry Division	392
497840	5	1	B	3	6/23/2025 20:43	6/23/2025 22:49	2:06	F-EK1405 149	EK1-405B	FALSE	F-EK1405 149	Line Section	Crew removed a tree from be...	Trees	Protection operated as intended	44	98	Restored	30	Newberry Division	380
492988	5	1	C	2	2/19/2025 11:24	2/19/2025 14:33	3:09	EK1477 004UT		FALSE	EK1477 004UT	Transformer	3 amp bayonnette fuse cause...	Decay or age	Protection operated as intended	40	98	Restored	70	Newberry Division	379
492791	5	1	ABC	469	1/18/2025 21:09	1/18/2025 21:10	0:00	SW-0130-B		FALSE	SW-0130	Line Section	Outage Restored by Order Id...	Planned, other	No equipment failure	19	99	Restored		Newberry Division	234
500229	5	1	C	3	10/28/2025 14:32	10/28/2025 15:38	1:06	EK1108 040		FALSE	EK1108 040	Transformer	Crew replaced a 2 amp trans...	Cause Unknown	Protection operated as intended	99	98	Restored	100	Newberry Division	199

497799	5	1	C	1	6/23/2025 8:10	6/23/2025 11:27	3:17		2836300			FALSE	EK1108 012NA	Meter	Crew removed tree no damage	Trees	No equipment failure	44	99	Restored		Newberry Division	197
498585	5	1	B	1	8/6/2025 18:03	8/6/2025 21:13	3:10		3070800			FALSE	EK1108A1 021	Meter	Maple tree fell and broke t...	Trees	Secondary conductor	44	60	Restored		Newberry Division	190
501311	5	1	A	1	12/21/2025 8:36	12/21/2025 11:37	3:00		3467800			FALSE	EK1516 005UX1	Meter	Member has bad USE cable. ...	Corrosion or abrasion	Secondary USE cable	41	44	Restored		Newberry Division	180
499845	5	1	A	4	10/9/2025 9:36	10/9/2025 10:12	0:36	EK1390 003				FALSE	EK1390 003	Transformer	Crew re-energized transform...	Planned, other	Secondary, other	19	69	Restored		Newberry Division	146
493102	5	1	A	2	2/23/2025 16:13	2/23/2025 17:20	1:07	EK1113 001M		EK1113/1M		FALSE	EK1113 001M	Transformer	Bird. Crew replaced 3 amp ...	Small animal or bird	Protection operated as intended	60	98	Restored		Newberry Division	135
492789	5	1	C	1	1/18/2025 20:25	1/18/2025 22:40	2:15		3467700			TRUE	EK1039-2MA	Meter	Included outage 492792 in S...	Equipment	Substation equipment failure, other	30	19	Restored		Newberry Division	134
499343	5	1	A	1	9/9/2025 10:44	9/9/2025 12:54	2:10		1646501			FALSE	EK1172 001F	Meter	While re doing septic and d...	Member equip or member caused	Poles and fixtures, other	70	29	Restored	100	Newberry Division	130
492971	5	1	B	1	2/15/2025 18:07	2/15/2025 20:09	2:02		1205100			FALSE	EK1108A 059B	Meter	Crew fixed bad neutral conn...	Corrosion or abrasion	Secondary connection	41	63	Restored	40	Newberry Division	122
498423	5	1	A	1	7/24/2025 17:16	7/24/2025 19:12	1:56		3617800			FALSE	EK1380BU	Meter	Crew cleaned up site for to...	Vehicle or machinery	Secondary conductor	71	60	Restored		Newberry Division	116
497440	5	1	A	1	6/6/2025 17:40	6/6/2025 19:28	1:48	EK1053				FALSE	EK1053	Transformer	Raven. Crew replaced 2.5 am...	Small animal or bird	Protection operated as intended	60	98	Restored		Newberry Division	108
493434	5	1	A	1	3/18/2025 14:46	3/18/2025 16:33	1:47		2475800			FALSE	EK1524 001	Meter	Memebr needs to replace mas...	Other	Secondary conductor	80	60	Restored		Newberry Division	107
493382	5	1	A	1	3/14/2025 14:32	3/14/2025 16:18	1:46		1978200			FALSE	EK1524 006AX2	Meter	Crew stated that snow slid ...	Wind/ice/snow	Secondary, other	51	69	Restored	100	Newberry Division	106
493824	5	1	A	4	3/20/2025 19:33	3/20/2025 19:57	0:23	F2-EK1016				FALSE	F2-EK1016	Line Section	wind slapped phases togethe...	Wind/ice/snow	Protection operated as intended	51	98	Restored	30	Newberry Division	94
496803	5	1	C	2	5/5/2025 8:30	5/5/2025 9:15	0:45	F-EK1053		EK1/53N		FALSE	F-EK1053	Line Section	CRew replaced a 10 amp line...	Cause Unknown	Protection operated as intended	99	98	Restored	100	Newberry Division	90
499143	5	1	C	1	8/30/2025 10:34	8/30/2025 12:00	1:26	EK1488-1M				FALSE	EK1488-1M	Transformer	Tree cut by member knocked ...	Tree cut by public	Protection operated as intended	74	98	Restored		Newberry Division	86
500013	5	1	A	1	10/18/2025 12:05	10/18/2025 13:20	1:15		669200			FALSE	EK1172 005A	Meter	Member was working on garag...	Member equip or member caused	No equipment failure	70	99	Restored		Newberry Division	75
497177	5	1	B	1	5/19/2025 12:35	5/19/2025 13:46	1:11		1744500			FALSE	EK1108A 065B	Meter	Crew found entrance cable t...	Tree cut by public	Secondary, other	74	69	Restored		Newberry Division	71
498099	5	1	C	1	7/5/2025 13:33	7/5/2025 14:38	1:05	EK1108 052-1N				FALSE	EK1108 052-1N	Transformer	Cause unknown 2 amp transfo...	Cause Unknown	Protection operated as intended	99	98	Restored		Newberry Division	65
500478	5	1	B	10	11/4/2025 11:32	11/4/2025 11:39	0:06	F-EK1490 003				FALSE	F-EK1490 003	Line Section	Crew removed tree and re-en...	Trees	No equipment failure	44	99	Restored		Newberry Division	63
497594	5	1	A	1	6/18/2025 10:54	6/18/2025 11:56	1:02		1510300			FALSE	EK1524 005AX2	Meter	Crew re-hung wire and was a...	Vehicle or machinery	Secondary conductor	71	60	Restored	100	Newberry Division	62
500654	5	1	B	1	11/15/2025 16:41	11/15/2025 16:41	0:00		32011527			FALSE	EK1108A 054NUTU	Meter	Meter pings ON. Called memb...	Cause Unknown	No equipment failure	99	99	Blink	30	Newberry Division	0