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October 3, 2025

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 Great Lakes Energy Cooperative's MPSC Annual Performance Standards Report. If you have any questions, please contact me.

Sincerely,

DYKEMA GOSSETT PLLC

Richard J. Aaron

Digitally signed by: Richard J. Aaron
DN: CN = Richard J. Aaron email = raaron@dykema.com C = AD O = Dykema OU = Dykema
Date: 2025.10.03 17:18:14 -04'00'

Richard J. Aaron

Enclosure

025200.000013 4869-8363-7260.1

R460.731 Annual Report

Utility or Cooperative:	Great Lakes Energy
Year:	2024

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	**99%**	**99%**	**91%**	**96%**	**99.99%**	**99.64%**	**99.92%**	**100%**	**23.24%**	30,729
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**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**No**	

Detailed explanation of the steps that the electric utility or cooperative is taking to bring its performance to an acceptable level. If not in compliance with R 460.732(h) (ii) and (iii), a description of all catastrophic conditions experienced during the year is also required. (Can be put on a separate page.)	GLE is evaluating a CEIM program to mitigate and help reduce CEIM. Effective December 1, 2025, any new service extensions or service relocations would be placed underground. Within GLE's 3-year construction work plan, appx 150 miles of primary overhead are scheduled to be placed underground in areas that are experiencing a higher CEIM. In addition, our ROW operations department also review repetitive outage circuits monthly and conducts field audits of those higher impacted areas and performs tree work where able to help further mitigate outages caused by vegetation.

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***	Exempt	Exempt
	Commercial	Exempt	Exempt
	Industrial	Exempt	Exempt
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***	Exempt	Exempt
	Commercial	Exempt	Exempt
	Industrial	Exempt	Exempt
Customer Credits Provided for Failure to Restore Service within 16 Hours of the Start of Sustained Interruption during Normal Conditions R460.732(k)	***Residential***	Exempt	Exempt
	Commercial	Exempt	Exempt
	Industrial	Exempt	Exempt
Customer Credits Provided to Individual Customers Who Experienced 6 or more Sustained Interruptions. R460.732(l)	***Residential***	Exempt	Exempt
	Commercial	Exempt	Exempt
	Industrial	Exempt	Exempt

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	**Howard City**	**Morley**	**Middleville**							
Circuit Number	**1**	**1**	**2**							
Location of Circuit - zip codes (2)	49329, 49336, 49337	49307, 49336, 49346, 49349	49058, 49325, 49333							
Circuit Length (miles)	72.22	55.72	22.59							
SAIDI excluding MEDs	1448.658	1074.317	928.976							
SAIFI excluding MEDs	6.138	4.274	2.916							

SAIDI all conditions	1682.372	1420.791	1093.636							
SAIFI all conditions	6.388	4.832	4.696							
Number of Customers Served	885	412	191							
Substation Name	Howard City	Morley One	Middleville							
Last Circuit Trim (year) (3)	2022	2024	2022							
List of Outages and Causes (can be put on a separate page) (4)	Howard City 1 Outages 2024	Morley 1 Outages 2024	Middleville 2 Outages 2024							
Corrective action to improve performance (can be put on a separate page)	Howard City 1 Corrective Action	Morley 1 Corrective Action	Middleville 2 Corrective Action							

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	**Howard City**	**Newaygo**	**Wayland**							
Circuit Number	**1**	**1**	**1**							
Location of Circuit - zip codes (2)	49329, 49336, 49337	49327,49337, 49346, 49412	49333, 49348							
Circuit Length (miles)	72.22	41.75	46.34							
SAIFI excluding MEDs	6.138	5.279	4.453							
SAIDI excluding MEDs	1448.658	805.229	243.464							
SAIFI all conditions	6.388	7.623	4.463							
SAIDI all conditions	1682.372	1654.436	244.134							
Number of Customers Served	885	710	981							
Substation Name	Howard City	Newaygo	Wayland							
Last Circuit Trim (year) (3)	2022	2025	2021							
List of Outages and Causes (can be put on a separate page) (4)	Howard City 1 Outages 2024	Newaygo 1 Outages 2024	Wayland 1 Outages 2024							
Corrective action to improve performance (can be put on a separate page)	Howard City 1 Corrective Action	Newaygo 1 Corrective Action	Wayland 1 Corrective Action							

	CEMI0	CEMI1	CEMI2	CEMI3	CEMI4	CEMI5	CEMI6	CEMI7	CEMI8	CEMI9	CEMI10
CEMI Reporting for Indices CEMI0 through CEMI10+ R460.732(p) (5)	21.71%	78.29%	55.76%	37.55%	23.24%	13.60%	7.63%	4.51%	2.68%	1.76%	0.88%

CELID		
CELID Reporting R460.732(q) (6)	**CELID8hours**	2.68%
	CELID24hours	0.00%
	CELID48hours	0.00%
WAIVER UNTIL 12/31/2029		
MOMENTARY INTERRUPTIONS		
Number of Non-Residential Customers Experiencing Momentary Interruptions R460.732(r)	Exempt	

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
Year 2024	484.37	602.77	2.83	2.54	170.96	225.46	256.28	219.36	2.35	1.81	109.19	122.37
Year 2023	265.24	651.79	1.69	2.52	157.38	244.92	202.48	203.27	1.56	1.66	129.76	122.84
Year 2022	549.56	773.50	2.37	2.67	231.63	285.05	211.53	194.67	1.71	1.63	124.04	119.57
Year 2021	1230.83	730.54	3.25	2.61	378.85	271.08	214.25	187.96	1.71	1.59	125.69	118.49
Year 2020	483.83	535.59	2.57	2.32	188.49	223.48	212.28	177.15	1.73	1.54	123.17	115.37

Power Quality information (10)

Power quality information shall contain data on all power quality investigations conducted in the past year for non-residential customers and for any power quality event originating from utility equipment that affected residential customers. The outcome of each investigation should be provided. (Can be put on a separate page or pages.)	None

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 interrupton" 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.

Catastrophic Condions MED

8/27/2024 MED	Thunder Storms	452 Outages	21968 Customers Out
6/25/2024 MED	Thunder Storms	390 Outages	17129 Customers Out
4/12/2024 MED	Spring Thunder Storms	339 Outages	17195 Custoemrs Out
4/2/2024 MED	Spring Thunder Storms	322 Outages	20202 Customers Out
1/10/2024 MED	Blizzard / Snow Storm	320 Outages	8448 Customers Out

Howard City 1 Outages 2024

Outage	Map Location	Phs	Type	Line Sect	Duration	# Out	Time Off	Time On	Customer Minutes	Cause Desc
1806430	HC1 174 TOP	ABC	Line Section	HC1 174 TOP OD	21:08	204	5/20/2024 20:27	5/21/2024 17:35	180016	TREE-IN ROW
1790016	HC1 089D 020	C	Line Section	HC1 089D 020 OD	16:02	16	1/12/2024 21:11	1/13/2024 13:13	15400	TREE-IN ROW
1786761	HC1 174 026N	C	Transformer	HC1 174 026N TR	15:12	1	1/9/2024 23:21	1/10/2024 14:34	912	WEATHER
1786744	HC1 056 016	A	Line Section	HC1 056 016 OD	13:38	1	1/9/2024 23:00	1/10/2024 12:39	818	WEATHER
1806361	HC1 089	C	Line Section	span_402769	12:01	66	5/21/2024 2:49	5/21/2024 14:50	46718	TREE-IN ROW
1806231	HC1 169	B	Transformer	HC1 169 TR	9:47	2	5/21/2024 2:10	5/21/2024 11:58	1174	WEATHER
1788116	HC1 FDR	AB	Feeder	HC1 FDR OD	8:33	572	1/11/2024 1:40	1/11/2024 10:13	293731	TREE-IN ROW
1822383	HC1 089C 006UM	C	Transformer	HC1 089C 006UM TR	8:22	1	8/30/2024 9:56	8/30/2024 18:19	502	EQ - UG LINE
1806130	HC1 086	A	Line Section	HC1 086 OD	8:13	237	5/20/2024 18:58	5/21/2024 3:11	111346	WEATHER
1806136	HC1 089	C	Line Section	span_402784	7:49	61	5/20/2024 18:59	5/21/2024 2:49	27307	WEATHER
1806147	HC1 111 TOP	ABC	Line Section	HC1 111 TOP OD	7:19	156	5/20/2024 20:12	5/21/2024 3:32	8912	TREE-OUT OF ROW
1806117	HC1 FDR	B	Feeder	HC1 FDR OD	7:04	267	5/20/2024 18:58	5/21/2024 2:02	113292	WEATHER
1790635	HC1 089 045	C	Line Section	HC1 089 045 OD	6:44	13	1/13/2024 5:42	1/13/2024 12:27	5256	WEATHER
1790737	HC1 111 021	C	Line Section	HC1 111 021 OD	6:17	3	1/13/2024 8:47	1/13/2024 15:04	1132	WEATHER
1789503	HC1 056	A	Line Section	span_334815	6:01	20	1/12/2024 17:55	1/12/2024 23:57	7227	TREE-IN ROW
1802246	HC1 056	AC	Line Section	span_334815	5:56	20	4/12/2024 17:12	4/12/2024 23:08	7121	TREE-IN ROW
1790710	HC1 056 TOP	A	Line Section	HC1 056 TOP OD	5:35	121	1/13/2024 6:09	1/13/2024 11:44	40569	WEATHER
1793526	HC1 149 042M	B	Line Section	HC1 149 042M OD	5:14	1	2/22/2024 10:21	2/22/2024 15:36	314	PLANNED GENERAL CONSTRUCTION
1828610	HC1 056 016S	A	Transformer	HC1 056 016S TR	5:07	1	10/31/2024 14:43	10/31/2024 19:50	307	TREE GROWTH
1790796	HC1 149 041	B	Line Section	HC1 149 041 OD	5:05	3	1/13/2024 10:21	1/13/2024 15:26	916	TREE-IN ROW
1793525	HC1 149 042	B	Transformer	HC1 149 042 TR	5:03	2	2/22/2024 10:21	2/22/2024 15:25	607	PLANNED GENERAL CONSTRUCTION
1788093	HC1 056A TOP	A	Line Section	HC1 056A TOP OD	4:36	96	1/11/2024 7:29	1/11/2024 12:06	10790	UNKNOWN
1824829	HC1 FDR	ABC	Feeder	HC1 FDR OD	4:18	269	9/19/2024 15:52	9/19/2024 20:10	69402	MA - AUTO ACCIDENT
1788055	HC1 089D 020	C	Line Section	HC1 089D 020 OD	3:52	16	1/11/2024 4:59	1/11/2024 8:51	3712	WEATHER
1793091	HC1 089B 003UM	C	Transformer	HC1 089B 003UM TR	3:38	1	2/14/2024 9:09	2/14/2024 12:48	218	PLANNED-WORK PLAN
1796625	HC1 174K1 006	B	Transformer	HC1 174K1 006 TR	3:31	1	4/1/2024 10:31	4/1/2024 14:02	211	UNKNOWN
1807679	HC1 174K2 009	B	Transformer	HC1 174K2 009 TR	3:23	1	6/3/2024 13:45	6/3/2024 17:09	203	PLANNED-WORK PLAN
1793443	HC1 023 004	C	Transformer	HC1 023 004 TR	3:22	2	2/20/2024 9:05	2/20/2024 12:28	405	PLANNED-ROW
1832652	HC1 120M	C	Transformer	HC1 120M TR	3:11	1	11/21/2024 8:37	11/21/2024 11:48	191	UNKNOWN
1808245	HC1 089 TOP	C	Line Section	HC1 089 TOP OD	3:05	116	6/9/2024 14:24	6/9/2024 17:30	21564	TREE-OUT OF ROW
1833545	HC1 038 004	B	Line Section	HC1 038 004 OD	2:58	5	12/3/2024 9:35	12/3/2024 12:34	893	PLANNED MAINTENANCE
1789230	HC1 174E1 TOP	A	Line Section	HC1 174E1 TOP OD	2:48	2	1/12/2024 12:13	1/12/2024 15:01	336	TREE-IN ROW
1793611	HC1 029UN	A	Transformer	HC1 029UN TR	2:47	2	2/26/2024 10:54	2/26/2024 13:41	334	PLANNED-WORK PLAN
1788806	HC1 149A 005	B	Line Section	HC1 149A 005 OD	2:45	2	1/11/2024 11:45	1/11/2024 14:31	331	WEATHER
1806359	HC1 149 014A	B	Meter	10017165	2:40	1	5/21/2024 11:30	5/21/2024 14:10	160	WEATHER
1822189	HC1 079M	A	Meter	86229	2:38	1	8/29/2024 7:02	8/29/2024 9:40	158	TREE-OUT OF ROW
1806562	HC1 174 TOP	A	Line Section	HC1 174 TOP OD	2:38	93	5/22/2024 5:16	5/22/2024 7:55	14773	TREE-IN ROW
1794433	HC1 089 004	C	Transformer	HC1 089 004 TR	2:38	2	2/29/2024 10:04	2/29/2024 12:43	316	PLANNED MAINTENANCE
1806217	HC1 149 001	B	Line Section	HC1 149 001 OD	2:34	55	5/21/2024 2:02	5/21/2024 4:37	8500	WEATHER
1816159	HC1 FDR	ABC	Feeder	HC1 FDR OD	2:33	886	7/24/2024 2:27	7/24/2024 5:01	135927	TREE-OUT OF ROW
1788450	HC1 111B 001	B	Line Section	HC1 111B 001 OD	2:27	61	1/11/2024 11:11	1/11/2024 13:38	8976	TREE-IN ROW
1800021	HC1 056	A	Line Section	span_334815	2:24	20	4/5/2024 15:53	4/5/2024 18:17	2899	TREE-IN ROW
1808852	HC1 174A TOP	C	Line Section	HC1 174A TOP OD	2:19	4	6/16/2024 13:13	6/16/2024 15:33	557	TREE-IN ROW
1806260	HC1 111 TOP	B	Line Section	HC1 111 TOP OD	2:18	83	5/21/2024 3:32	5/21/2024 5:50	11516	WEATHER

1794452	HC1 056A1A 001N	A	Transformer	HC1 056A1A 001N TR	2:18	1	2/29/2024 13:30	2/29/2024 15:48	138	PLANNED MAINTENANCE
1794205	HC1 038 002	B	Transformer	HC1 038 002 TR	2:12	1	2/28/2024 13:15	2/28/2024 15:27	132	PLANNED-WORK PLAN
1829099	HC1 075	C	Line Section	HC1 075 OD	2:11	1	11/2/2024 10:48	11/2/2024 13:00	131	TREE-IN ROW
1828659	HC1 174H TOP	A	Line Section	HC1 174H TOP OD	2:10	12	10/31/2024 16:36	10/31/2024 18:46	1564	UNKNOWN
1793493	HC1 037 011	C	Transformer	HC1 037 011 TR	2:09	1	2/21/2024 11:42	2/21/2024 13:52	129	PLANNED MAINTENANCE
1795699	HC1 111 023	A	Line Section	HC1 111 023 OD	2:03	1	3/20/2024 11:58	3/20/2024 14:01	123	PLANNED MAINTENANCE
1790906	HC1 079M	A	Meter	86229	2:00	1	1/13/2024 12:46	1/13/2024 14:46	120	TREE-IN ROW
1793661	HC1 038 001M	B	Transformer	HC1 038 001M TR	1:59	1	2/27/2024 14:11	2/27/2024 16:10	119	PLANNED MAINTENANCE
1788236	HC1 023 TOP	C	Line Section	HC1 023 TOP OD	1:58	20	1/11/2024 9:12	1/11/2024 11:10	2366	WEATHER
1788646	HC1 174 053	C	Line Section	HC1 174 053 OD	1:57	1	1/11/2024 10:44	1/11/2024 12:41	117	TREE-IN ROW
1835788	HC1 173 TOP	C	Line Section	HC1 173 TOP OD	1:56	6	12/27/2024 14:59	12/27/2024 16:55	698	TREE-IN ROW
1816125	HC1 079	A	Line Section	HC1 079 OD	1:52	1	7/23/2024 21:28	7/23/2024 23:20	112	TREE-IN ROW
1803045	MY4 091D1 TOP	B	Line Section	MY4 091D1 TOP OD	1:52	4	4/16/2024 0:16	4/16/2024 2:08	448	TREE-IN ROW
1793480	HC1 037 016	C	Transformer	HC1 037 016 TR	1:50	3	2/21/2024 9:18	2/21/2024 11:09	331	PLANNED-WORK PLAN
1793459	HC1 056A1A 003	A	Transformer	HC1 056A1A 003 TR	1:50	1	2/20/2024 14:08	2/20/2024 15:58	110	PLANNED MAINTENANCE
1793060	HC1 089B 011	C	Transformer	HC1 089B 011 TR	1:49	1	2/13/2024 14:54	2/13/2024 16:43	109	PLANNED-WORK PLAN
1829328	HC1 111 TOP	B	Line Section	HC1 111 TOP OD	1:48	81	11/4/2024 7:59	11/4/2024 9:47	8760	TREE-IN ROW
1788546	HC1 174 060	A	Line Section	HC1 174 060 OD	1:47	3	1/11/2024 11:37	1/11/2024 13:24	320	TREE-IN ROW
1830573	HC1 056 016S	A	Meter	10019244	1:43	1	11/10/2024 18:14	11/10/2024 19:57	103	TREE-IN ROW
1793976	HC1 048 002	C	Transformer	HC1 048 002 TR	1:43	2	2/28/2024 9:38	2/28/2024 11:21	206	PLANNED-WORK PLAN
1790871	HC1 056A 014MB	A	Meter	10027508	1:43	1	1/13/2024 11:56	1/13/2024 13:39	103	TREE-IN ROW
1814654	HC1 111F	B	Line Section	span_448744	1:38	18	7/10/2024 12:41	7/10/2024 14:20	1781	PLANNED MAINTENANCE
1816884	HC1 089 045	C	Line Section	HC1 089 045 OD	1:37	13	7/31/2024 4:42	7/31/2024 6:19	1264	TREE-OUT OF ROW
1792996	HC1 138	A	Transformer	HC1 138 TR	1:37	1	2/12/2024 11:13	2/12/2024 12:50	97	PLANNED-WORK PLAN
1786636	HC1 111A TOP	C	Line Section	HC1 111A TOP OD	1:37	5	1/9/2024 18:27	1/9/2024 20:05	488	WEATHER
1824827	HC1 FDR	ABC	Feeder	HC1 FDR OD	1:35	885	9/19/2024 14:17	9/19/2024 15:52	84075	MA - AUTO ACCIDENT
1792482	HC1 056	AC	Line Section	span_334815	1:34	20	1/31/2024 14:43	1/31/2024 16:17	1897	TREE-IN ROW
1824797	HC1 111 020M	C	Transformer	HC1 111 020M TR	1:33	1	9/26/2024 9:51	9/26/2024 11:24	93	UNKNOWN
1818433	HC1 089A TOP	C	Line Section	HC1 089A TOP OD	1:31	2	8/18/2024 8:10	8/18/2024 9:41	182	TREE-IN ROW
1829546	HC1 089B TOP	C	Line Section	HC1 089B TOP OD	1:29	22	11/5/2024 8:45	11/5/2024 10:15	1976	TREE-IN ROW
1788698	HC1 089D 005	C	Line Section	HC1 089D 005 OD	1:27	24	1/11/2024 12:34	1/11/2024 14:01	2098	WEATHER
1829605	HC1 174 081M	A	Meter	10001571	1:22	1	11/5/2024 11:24	11/5/2024 12:47	82	TREE-IN ROW
1813618	HC1 089A TOP	C	Line Section	HC1 089A TOP OD	1:22	2	6/30/2024 0:53	6/30/2024 2:16	164	TREE-OUT OF ROW
1789339	HC1 056	AC	Line Section	span_334815	1:13	20	1/12/2024 14:59	1/12/2024 16:12	1477	TREE-IN ROW
1803508	MY4 122 015B	C	Meter	10027115	1:07	1	4/17/2024 14:51	4/17/2024 15:59	67	WEATHER
1788948	HC1 111F 008M	B	Line Section	HC1 111F 008M OD	1:02	3	1/11/2024 13:53	1/11/2024 14:56	188	WEATHER
1818366	HC1 174H TOP	A	Line Section	HC1 174H TOP OD	0:59	12	8/17/2024 23:02	8/18/2024 0:01	713	TREE-OUT OF ROW
1792501	HC1 056A2 002S	A	Meter	10023145	0:59	1	1/31/2024 19:53	1/31/2024 20:53	59	TREE-IN ROW
1789076	HC1 089B 008UM	C	Meter	10046831	0:59	1	1/11/2024 18:19	1/11/2024 19:19	59	WEATHER
1824790	HC1 111A TOP	C	Line Section	HC1 111A TOP OD	0:58	5	9/26/2024 4:01	9/26/2024 4:59	292	TREE GROWTH
1789320	HC1 056	AC	Line Section	span_334815	0:54	20	1/12/2024 14:04	1/12/2024 14:59	1096	TREE-IN ROW
1824322	HC1 149 041	B	Line Section	HC1 149 041 OD	0:52	3	9/22/2024 17:16	9/22/2024 18:08	156	TREE-IN ROW
1795491	HC1 056A1	A	Line Section	span_252621	0:52	37	3/14/2024 15:43	3/14/2024 16:36	1945	TREE-IN ROW
1823154	HC1 089 045	C	Line Section	HC1 089 045 OD	0:50	13	9/7/2024 16:52	9/7/2024 17:43	657	TREE-IN ROW
1793009	HC1 111B3	A	Line Section	span_433785	0:49	9	2/12/2024 14:06	2/12/2024 14:56	447	EQ - OH LINE

Howard City 1 Outages 2024

1803847	MY4 072A1 013P	A	Meter	10049982	0:42	1	4/23/2024 16:22	4/23/2024 17:04	42	AN - SQUIRRELS
1788953	HC1 111A TOP	C	Line Section	HC1 111A TOP OD	0:37	5	1/11/2024 14:37	1/11/2024 15:15	189	WEATHER
1829422	HC1 056 020	A	Line Section	HC1 056 020 OD	0:35	19	11/4/2024 14:00	11/4/2024 14:36	677	TREE-IN ROW
1804128	MY4 196 009PA	B	Meter	10026042	0:35	1	4/25/2024 11:02	4/25/2024 11:37	35	PLANNED MAINTENANCE
1806201	HC1	AC	Line Section	span_442249	0:21	619	5/21/2024 1:41	5/21/2024 2:03	13452	WEATHER
1804132	MY4 194A 006	C	Transformer	MY4 194A 006 TR	0:14	3	4/25/2024 11:38	4/25/2024 11:53	42	PLANNED MAINTENANCE
1832435	HC1 111 017UN	A	Transformer	HC1 111 017UN TR	0:12	1	11/20/2024 11:24	11/20/2024 11:37	12	PLANNED MAINTENANCE
1832434	HC1 111 017M	A	Transformer	HC1 111 017M TR	0:12	1	11/20/2024 11:24	11/20/2024 11:37	12	PLANNED MAINTENANCE
1829361	HC1 111 TOP	B	Line Section	HC1 111 TOP OD	0:11	81	11/4/2024 9:47	11/4/2024 9:58	662	TREE-OUT OF ROW
1818689	HC1 056A3 002	A	Transformer	HC1 056A3 002 TR	0:10	3	8/19/2024 18:45	8/19/2024 18:55	32	TREE-IN ROW

The entire circuit has been planned for danger trees in February 2025 and will be sent for proposals with the HC3 circuit when the danger tree planning is complete. Danger tree clearing is expected to occur April through June 2025.

1.5 miles Rebuild 1ph 8A CWC to 3ph 1/0 ACSR, Map location: HC1-056-TOP to HC1-056A1-001
.75 miles Rebuild 1ph 8A CWC to 1ph 1/0 URD, Map location: HC1-174-079 to HC1-174-089

Morley 1 Outages 2024

Outage	Map Location	Phs	Type	Line Sect	Duration	# Out	Time Off	Time On	Customer Minutes	Cause Desc
1786760	MY1 157 005	ABC	Line Section	MY1 157 005 OD	21:06	154	1/9/2024 23:18	1/10/2024 20:25	165626	TREE-IN ROW
1786692	MY1 132 019	C	Line Section	MY1 132 019 OD	18:52	6	1/9/2024 20:52	1/10/2024 15:45	6795	WEATHER
1806141	MY1 014 TOP	A	Line Section	MY1 014 TOP OD	18:47	5	5/20/2024 19:53	5/21/2024 14:40	5636	TREE-OUT OF ROW
1786816	MY1 014 TOP	A	Line Section	MY1 014 TOP OD	18:19	5	1/9/2024 23:51	1/10/2024 18:10	5495	WEATHER
1790109	MY1 139 TOP	C	Line Section	MY1 139 TOP OD	14:37	25	1/12/2024 22:24	1/13/2024 13:01	21931	TREE-IN ROW
1806163	MY1 009 005UM	A	Meter	111317	14:22	1	5/20/2024 20:40	5/21/2024 11:03	862	WEATHER
1786697	MY1 157D TOP	B	Line Section	MY1 157D TOP OD	11:35	53	1/9/2024 20:58	1/10/2024 8:33	36847	WEATHER
1790474	MY1 157D1 TOP	B	Line Section	MY1 157D1 TOP OD	10:28	12	1/13/2024 3:28	1/13/2024 13:57	7547	TREE-IN ROW
1790370	MY1 157 005	A	Line Section	MY1 157 005 OD	9:40	51	1/13/2024 1:46	1/13/2024 11:27	29604	TREE-IN ROW
1788134	MY1 132 TOP	C	Line Section	MY1 132 TOP OD	7:36	30	1/11/2024 7:52	1/11/2024 15:29	6903	WEATHER
1809732	MY1 053 TOP	A	Line Section	MY1 053 TOP OD	7:34	3	6/20/2024 17:19	6/21/2024 0:53	1363	TREE-OUT OF ROW
1814390	MY1 065 006A	C	Meter	10002919	6:14	1	7/8/2024 12:09	7/8/2024 18:24	374	EQ - OH LINE
1826217	MY1 139	C	Line Section	span_402943	5:32	23	10/6/2024 14:19	10/6/2024 19:52	7639	TREE-IN ROW
1789139	MY1 157C3 015	A	Line Section	MY1 157C3 015 OD	4:36	5	1/12/2024 10:14	1/12/2024 14:51	1382	TREE-IN ROW
1788182	MY1 FDR	BC	Feeder	MY1 FDR OD	3:46	260	1/11/2024 8:37	1/11/2024 12:24	58950	TREE-IN ROW
1834232	MY1 157D1 TOP	B	Line Section	MY1 157D1 TOP OD	3:37	12	12/5/2024 14:07	12/5/2024 17:45	2615	TREE-OUT OF ROW
1813435	MY1 132 TOP	C	Line Section	MY1 132 TOP OD	2:51	30	6/29/2024 5:29	6/29/2024 8:20	5139	EQ - OH LINE
1791809	MY1 081	A	Line Section	MY1 081 OD	2:36	1	1/18/2024 12:45	1/18/2024 15:22	156	TREE-IN ROW
1817381	MY1 157 005	A	Line Section	MY1 157 005 OD	2:33	51	8/6/2024 9:20	8/6/2024 11:54	7849	WEATHER
1809029	MY1 139 TOP	C	Line Section	MY1 139 TOP OD	2:32	25	6/17/2024 13:59	6/17/2024 16:31	3809	TREE-IN ROW
1831944	MY1 157 047	B	Line Section	MY1 157 047 OD	2:30	1	11/13/2024 9:28	11/13/2024 11:59	150	PLANNED MAINTENANCE
1817458	MY1 049-2M	B	Transformer	MY1 049-2M TR	2:28	1	8/6/2024 18:15	8/6/2024 20:43	148	EQ - OH LINE
1826908	MY1 132 TOP	C	Line Section	MY1 132 TOP OD	2:21	30	10/13/2024 18:27	10/13/2024 20:49	4249	TREE-OUT OF ROW
1808219	MY1 009	A	Line Section	span_252879	2:20	7	6/9/2024 13:38	6/9/2024 15:59	432	TREE-IN ROW
1826895	MY1 157 005	A	Line Section	MY1 157 005 OD	2:16	51	10/13/2024 17:41	10/13/2024 19:57	6953	WEATHER
1822097	MY1 053 005	A	Transformer	MY1 053 005 TR	2:16	2	8/28/2024 18:20	8/28/2024 20:36	272	UNKNOWN
1817362	MY1 132A TOP	C	Line Section	MY1 132A TOP OD	2:14	12	8/6/2024 8:11	8/6/2024 10:25	1609	TREE-IN ROW
1792182	MY1 132 TOP	C	Line Section	MY1 132 TOP OD	2:14	30	1/23/2024 13:45	1/23/2024 16:00	4036	PLANNED MAINTENANCE
1828689	MY1 157C2 TOP	A	Line Section	MY1 157C2 TOP OD	1:59	3	10/31/2024 17:12	10/31/2024 19:12	359	TREE-IN ROW
1792799	MY1 132 TOP	C	Line Section	MY1 132 TOP OD	1:59	30	2/8/2024 16:06	2/8/2024 18:05	3581	TREE-IN ROW
1818583	MY1 132 019	C	Line Section	MY1 132 019 OD	1:58	6	8/19/2024 15:10	8/19/2024 17:09	712	MA - TREE CUT ONTO LINE BY PUBLIC
1789960	MY1 132 TOP	C	Line Section	MY1 132 TOP OD	1:52	30	1/12/2024 20:18	1/12/2024 22:11	3389	TREE-IN ROW
1815748	MY1 157D TOP	B	Line Section	MY1 157D TOP OD	1:45	53	7/19/2024 9:47	7/19/2024 11:33	5598	TREE-IN ROW
1818734	MY1 071 008	A	Meter	123410	1:44	1	8/20/2024 14:18	8/20/2024 16:03	104	AN - BIRDS/BAT
1818018	MY1 FDR	B	Feeder	MY1 FDR OD	1:38	141	8/15/2024 15:36	8/15/2024 17:15	13748	TREE-IN ROW
1793896	MY1 071 020	A	Line Section	MY1 071 020 OD	1:31	18	2/28/2024 7:51	2/28/2024 9:23	1650	TREE-OUT OF ROW
1808246	MY1 009 TOP	A	Line Section	MY1 009 TOP OD	1:18	9	6/9/2024 14:40	6/9/2024 15:58	710	TREE-IN ROW
1805064	MY1 157 005	B	Line Section	MY1 157 005 OD	1:16	77	5/7/2024 14:31	5/7/2024 15:48	5877	EQ - OH LINE
1826948	MY1 157C 019UM	A	Meter	8900	1:08	1	10/13/2024 20:16	10/13/2024 21:25	68	WEATHER
1827950	MY1 132 019	C	Line Section	MY1 132 019 OD	1:05	6	10/29/2024 16:45	10/29/2024 17:51	393	TREE-IN ROW
1817878	MY1 132 019	C	Line Section	MY1 132 019 OD	1:05	6	8/13/2024 16:31	8/13/2024 17:36	392	TREE-OUT OF ROW
1805169	MY1 132B 007	C	Transformer	MY1 132B 007 TR	1:02	2	5/8/2024 15:58	5/8/2024 17:00	124	EQ - OH LINE
1827525	MY1 157D1 001	B	Transformer	MY1 157D1 001 TR	1:00	1	10/23/2024 13:54	10/23/2024 14:54	60	EQ - OH LINE
1823437	MY1 157C 017A	A	Meter	10009237	0:54	1	9/11/2024 10:48	9/11/2024 11:42	54	AN - RACCOONS

Morley 1 Outages 2024

1792364	MY1 157D1 TOP	B	Line Section	MY1 157D1 TOP OD	0:54	12	1/26/2024 10:52	1/26/2024 11:46	648	TREE-IN ROW
1826949	MY1 157C2 003A	A	Meter	10009285	0:48	1	10/13/2024 20:20	10/13/2024 21:08	48	WEATHER
1795810	MY1 157B 005N	C	Transformer	MY1 157B 005N TR	0:48	1	3/25/2024 11:00	3/25/2024 11:49	48	PLANNED GENERAL CONSTRUCTION
1813469	MY1 157C3 015	A	Line Section	MY1 157C3 015 OD	0:44	5	6/29/2024 12:29	6/29/2024 13:13	222	TREE-IN ROW
1818043	MY1 FDR	AC	Feeder	MY1 FDR OD	0:32	274	8/15/2024 16:42	8/15/2024 17:15	8918	TREE-IN ROW
1788562	MY1 FDR	A	Feeder	MY1 FDR OD	0:30	154	1/11/2024 11:53	1/11/2024 12:24	4674	TREE-IN ROW
1828560	MY1 157D TOP	B	Line Section	MY1 157D TOP OD	0:16	53	10/31/2024 13:26	10/31/2024 13:43	855	TREE-OUT OF ROW
1813576	MY1 139A TOP	C	Line Section	MY1 139A TOP OD	0:13	9	6/29/2024 21:17	6/29/2024 21:31	122	TREE-IN ROW
1813581	MY1 139B 003	C	Line Section	MY1 139B 003 OD	0:09	11	6/29/2024 21:22	6/29/2024 21:31	100	TREE-OUT OF ROW
1813583	MY1 139B 001A	C	Meter	10050428	0:05	1	6/29/2024 21:26	6/29/2024 21:31	5	TREE-OUT OF ROW

2024 circuit clearing was completed on October 25, 2024

Middleville 2 Outages 2024

Outage	Map Location	Phs	Type	Line Sect	Duration	# Out	Time Off	Time On	Customer Minutes	Cause Desc
1790463	ME2 036	AB	Line Section	ME2 036 SW-A	11:33	148	1/13/2024 3:03	1/13/2024 14:37	102672	TREE-IN ROW
1790616	ME2 FDR	ABC	Feeder	ME2 FDR OD	9:04	190	1/13/2024 5:33	1/13/2024 14:37	22866	TREE-IN ROW
1791102	ME2 036-1	A	Line Section	ME2 036-1 OD	3:52	14	1/13/2024 15:13	1/13/2024 19:05	3253	WEATHER
1802254	ME2 049N	A	Meter	10033360	3:31	1	4/12/2024 17:30	4/12/2024 21:02	211	TREE-IN ROW
1804590	ME2 FDR	AB	Feeder	ME2 FDR OD	2:45	149	4/29/2024 16:30	4/29/2024 19:15	24614	TREE-IN ROW
1832900	ME2 050 001	BC	Line Section	ME2 050 001 OD	2:44	38	11/26/2024 5:11	11/26/2024 7:56	6262	TREE-OUT OF ROW
1791880	ME2 027 001	C	Line Section	ME2 027 001 OD	2:21	20	1/19/2024 12:57	1/19/2024 15:18	2834	WEATHER
1829777	ME2 027 001	C	Line Section	ME2 027 001 OD	2:18	20	11/5/2024 21:35	11/5/2024 23:53	2773	TREE-OUT OF ROW
1804591	ME2 FDR	C	Feeder	ME2 FDR OD	2:06	42	4/29/2024 17:08	4/29/2024 19:15	5314	TREE-IN ROW
1825074	ME2 067 001	A	Line Section	ME2 067 001 OD	2:04	8	9/29/2024 23:09	9/30/2024 1:13	995	TREE-OUT OF ROW
1829377	ME2 027 001	C	Line Section	ME2 027 001 OD	1:15	20	11/4/2024 11:59	11/4/2024 13:15	1512	UNKNOWN
1790320	ME2 067 001	A	Line Section	ME2 067 001 OD	1:15	8	1/13/2024 0:02	1/13/2024 1:17	603	WEATHER
1829461	ME2 050 001	ABC	Line Section	ME2 050 001 OD	1:14	47	11/5/2024 1:01	11/5/2024 2:16	3519	TREE-OUT OF ROW

– Scheduled for Danger Tree clearing in Summer 2025

Newaygo 1 Outages 2024

Outage	Map Location	Phs	Type	Line Sect	Duration	# Out	Time Off	Time On	Customer Minutes	Cause Desc
1802521	NW1 016A 004	A	Line Section	NW1 016A 004 OD1	17:32	2	4/12/2024 21:13	4/13/2024 14:45	2104	WEATHER
1789894	NW1 008 TOP	A	Line Section	NW1 008 TOP OD	14:54	4	1/12/2024 19:09	1/13/2024 10:03	1883	WEATHER
1790356	NW1 116 004	B	Transformer	NW1 116 004 TR	11:41	4	1/13/2024 1:37	1/13/2024 13:18	1112	TREE-IN ROW
1823803	NW1 098A 003	C	Transformer	NW1 098A 003 TR	9:23	1	9/18/2024 7:33	9/18/2024 16:56	563	PLANNED-WORK PLAN
1787179	NW1 076	BC	Line Section	NW1 076 OD	8:10	361	1/9/2024 20:31	1/10/2024 4:42	89969	TREE-IN ROW
1786688	NW1 070M	A	Transformer	NW1 070M TR	7:51	1	1/9/2024 20:50	1/10/2024 4:42	471	TREE-IN ROW
1801729	NW1 016A 004	A	Line Section	NW1 016A 004 OD1	5:24	2	4/12/2024 15:45	4/12/2024 21:10	648	EQ - OH LINE
1835325	NW1 145 017	B	Line Section	NW1 145 017 OD	5:20	24	12/17/2024 5:53	12/17/2024 11:14	7693	TREE-OUT OF ROW
1801421	NW1 113B 002	C	Line Section	NW1 113B 002 OD	4:54	10	4/12/2024 14:16	4/12/2024 19:10	1902	EQ - OH LINE
1787118	NW1 076	A	Line Section	NW1 076 OD	4:52	186	1/9/2024 23:49	1/10/2024 4:41	53475	TREE-IN ROW
1787079	NW1 076	C	Line Section	NW1 076 OD	4:51	179	1/9/2024 21:58	1/10/2024 2:49	51205	TREE-IN ROW
1822349	NW1 145 017	C	Line Section	NW1 145 017 OD	4:39	24	8/30/2024 8:26	8/30/2024 13:06	6711	TREE-OUT OF ROW
1791695	NW1 076	AC	Line Section	NW1 076 OD	4:36	360	1/17/2024 10:43	1/17/2024 15:20	74042	TREE-IN ROW
1796195	NW1 026 TOP	A	Line Section	NW1 026 TOP OD	4:19	4	3/26/2024 17:30	3/26/2024 21:50	1038	TREE-IN ROW
1791692	NW1 076	B	Line Section	NW1 076 OD	4:14	187	1/17/2024 11:06	1/17/2024 15:20	28844	TREE-IN ROW
1796199	NW1 016B 008	A	Line Section	NW1 016B 008 OD	4:11	4	3/26/2024 18:03	3/26/2024 22:15	1005	TREE-IN ROW
1789877	NW1 026 TOP	A	Line Section	NW1 026 TOP OD	4:05	4	1/12/2024 18:29	1/12/2024 22:35	983	TREE-IN ROW
1823665	NW1 098 010	C	Line Section	NW1 098 010 OD	3:52	1	9/16/2024 8:27	9/16/2024 12:19	232	PLANNED-WORK PLAN
1823664	NW1 098 011	C	Transformer	NW1 098 011 TR	3:52	2	9/16/2024 8:26	9/16/2024 12:19	465	PLANNED-WORK PLAN
1809735	NW1 119	A	Meter	10000912	3:41	1	6/20/2024 18:24	6/20/2024 22:05	221	WEATHER
1796194	NW1 145 017	C	Line Section	NW1 145 017 OD	3:37	24	3/26/2024 17:28	3/26/2024 21:06	5222	TREE-IN ROW
1823402	NW1 098A 006UN	C	Meter	122939	3:36	1	9/10/2024 10:54	9/10/2024 14:30	216	PLANNED-WPC
1829306	NW1 093 003	B	Line Section	NW1 093 003 OD	3:30	32	11/4/2024 7:24	11/4/2024 10:55	6750	TREE-IN ROW
1823855	NW1 098 005	C	Transformer	NW1 098 005 TR	3:17	4	9/19/2024 8:40	9/19/2024 11:57	789	PLANNED-WORK PLAN
1788570	NW1 007 TOP	A	Line Section	NW1 007 TOP OD	3:17	13	1/11/2024 11:42	1/11/2024 14:59	2561	WEATHER
1823701	NW1 098 006	C	Transformer	NW1 098 006 TR	3:15	3	9/16/2024 12:45	9/16/2024 16:00	585	PLANNED-WORK PLAN
1788597	NW1 016A TOP	A	Line Section	NW1 016A TOP OD	3:14	7	1/11/2024 11:36	1/11/2024 14:50	1360	WEATHER
1786800	NW1 076	B	Line Section	NW1 076 OD	3:09	187	1/9/2024 23:39	1/10/2024 2:49	35380	TREE-IN ROW
1790771	NW1 016A 002N	A	Meter	10022722	3:08	1	1/13/2024 9:46	1/13/2024 12:54	188	TREE-IN ROW
1823443	NW1 098 006	C	Transformer	NW1 098 006 TR	3:06	3	9/11/2024 13:49	9/11/2024 16:55	559	PLANNED-WORK PLAN
1800145	NW1 145 017	C	Line Section	NW1 145 017 OD	3:01	24	4/8/2024 14:42	4/8/2024 17:44	4366	TREE-IN ROW
1786641	NW1 076	B	Line Section	NW1 076 OD	2:52	187	1/9/2024 16:43	1/9/2024 19:36	26228	TREE-IN ROW
1834364	NW1 145 017	C	Line Section	NW1 145 017 OD	2:38	24	12/7/2024 20:47	12/7/2024 23:25	3808	EQ - OH LINE
1823480	NW1 098 001	C	Transformer	NW1 098 001 TR	2:34	3	9/12/2024 11:34	9/12/2024 14:08	462	PLANNED-WORK PLAN
1792713	NW1 016B 006	A	Transformer	NW1 016B 006 TR	2:34	3	2/8/2024 7:44	2/8/2024 10:19	464	EQ - OH LINE
1830373	NW1 086N	C	Transformer	NW1 086N TR	2:29	5	11/8/2024 11:20	11/8/2024 13:50	746	EQ - OH LINE
1816412	NW1 091 002UN	B	Meter	111489	2:28	1	7/26/2024 8:42	7/26/2024 11:11	148	TREE-OUT OF ROW
1802298	NW1 128A TOP	B	Line Section	NW1 128A TOP OD	2:27	14	4/12/2024 17:54	4/12/2024 20:22	2042	WEATHER
1788792	NW1 098A TOP	C	Line Section	NW1 098A TOP OD	2:15	6	1/11/2024 11:59	1/11/2024 14:14	812	WEATHER
1817206	NW1 098 004B	C	Meter	10014674	2:14	1	8/4/2024 3:18	8/4/2024 5:32	134	TREE GROWTH
1786628	NW1 145A TOP	A	Line Section	NW1 145A TOP OD	2:13	32	1/9/2024 16:49	1/9/2024 19:03	4264	WEATHER
1824669	NW1 145 017	C	Line Section	NW1 145 017 OD	2:09	24	9/24/2024 23:00	9/25/2024 1:10	3113	TREE-OUT OF ROW
1823490	NW1 098 008	C	Transformer	NW1 098 008 TR	2:04	1	9/12/2024 14:10	9/12/2024 16:15	124	PLANNED-WORK PLAN
1801744	NW1 128A TOP	B	Line Section	NW1 128A TOP OD	2:04	14	4/12/2024 15:51	4/12/2024 17:56	287	TREE-IN ROW
1823438	NW1 098 004	C	Transformer	NW1 098 004 TR	2:03	1	9/11/2024 10:51	9/11/2024 12:55	123	PLANNED-WORK PLAN
1836187	NW1 145 017	B	Line Section	NW1 145 017 OD	1:59	24	12/30/2024 9:16	12/30/2024 11:16	2870	UNKNOWN
1795342	NW1 016B 008	A	Line Section	NW1 016B 008 OD	1:49	4	3/11/2024 16:43	3/11/2024 18:33	438	TREE-IN ROW
1817662	NW1 145 017	C	Line Section	NW1 145 017 OD	1:46	24	8/9/2024 8:13	8/9/2024 10:00	2552	TREE-IN ROW
1802008	NW1 076	BC	Line Section	NW1 076 OD	1:43	394	4/12/2024 16:10	4/12/2024 17:54	40552	TREE-IN ROW
1813188	NW1 016 018N	A	Meter	10012441	1:40	1	6/27/2024 11:13	6/27/2024 12:53	100	TREE-IN ROW
1827341	NW1 076	BC	Line Section	NW1 076 OD	1:35	394	10/21/2024 7:49	10/21/2024 9:24	37456	TREE-IN ROW
1808745	NW1 093 003	B	Line Section	NW1 093 003 OD	1:35	37	6/14/2024 13:07	6/14/2024 14:42	3522	TREE-IN ROW

1791325	NW1	076	AC	Line Section	NW1	076 OD	1:35	360	1/14/2024 13:04	1/14/2024 14:39	34446 TREE-IN ROW
1817512	NW1 113	014	B	Line Section	NW1 113	014 OD	1:28	44	8/7/2024 12:26	8/7/2024 13:54	3872 TREE-IN ROW
1790807	NW1 099	TOP	C	Line Section	NW1 099	TOP OD	1:26	17	1/13/2024 10:28	1/13/2024 11:54	1465 TREE-IN ROW
1827899	NW1 128	TOP	ABC	Line Section	NW1 128	TOP OD	1:25	34	10/29/2024 12:31	10/29/2024 13:56	2896 PLANNED GENERAL CONSTRUCTION
1822664	NW1 145	012P	A	Transformer	NW1 145	012P TR	1:25	6	9/2/2024 3:35	9/2/2024 5:01	515 TREE-OUT OF ROW
1802054	NW1 145	TOP	A	Line Section	NW1 145	TOP OD	1:24	34	4/12/2024 16:29	4/12/2024 17:54	822 TREE-IN ROW
1802048	NW1 128	TOP	A	Line Section	NW1 128	TOP OD	1:24	11	4/12/2024 16:28	4/12/2024 17:53	272 TREE-IN ROW
1795839	NW1 093	003	B	Line Section	NW1 093	003 OD	1:16	32	3/26/2024 4:31	3/26/2024 5:48	2453 TREE-OUT OF ROW
1806901	NW1 145	017	C	Line Section	NW1 145	017 OD	1:14	24	5/25/2024 5:25	5/25/2024 6:39	1788 WEATHER
1827181	NW1 145	012R	A	Transformer	NW1 145	012R TR	1:09	3	10/17/2024 10:35	10/17/2024 11:44	208 AN - SQUIRRELS
1792520	NW1 113C		B	Line Section	span_471186		1:09	1	2/2/2024 9:28	2/2/2024 10:38	69 PLANNED MAINTENANCE
1833830	NW1 098A	TOP	C	Line Section	NW1 098A	TOP OD	1:08	6	12/4/2024 19:53	12/4/2024 21:01	410 TREE-OUT OF ROW
1794947	NW1 008	005A	A	Meter		10026496	1:06	1	3/5/2024 19:36	3/5/2024 20:43	66 TREE-IN ROW
1794134	NW1 016	006-1	A	Line Section	NW1 016	006-1 OD	1:06	37	2/28/2024 12:21	2/28/2024 13:28	2472 TREE-IN ROW
1802103	NW1	076	A	Line Section	NW1	076 OD	1:00	154	4/12/2024 16:51	4/12/2024 17:51	9240 TREE-IN ROW
1809669	NW1	086N	C	Transformer	NW1	086N TR	0:59	5	6/20/2024 3:30	6/20/2024 4:30	295 TREE-IN ROW
1824615	NW1 145	033	C	Line Section	NW1 145	033 OD1	0:45	6	9/24/2024 16:55	9/24/2024 17:40	272 UNKNOWN
1817059	NW1	117UM	A	Transformer	NW1	117UM TR	0:42	4	8/1/2024 18:19	8/1/2024 19:02	170 EQ - OH LINE
1806945	NW1 060	004	A	Meter		10025406	0:34	1	5/26/2024 10:08	5/26/2024 10:43	34 EQ - OH LINE
1809208	NW1	024M	C	Transformer	NW1	024M TR	0:32	1	6/18/2024 8:30	6/18/2024 9:03	32 PLANNED MAINTENANCE
1800229	NW1 002	011N	A	Line Section	NW1 002	011N OD	0:31	1	4/10/2024 8:00	4/10/2024 8:31	31 AN - SQUIRRELS
1822669	NW1 145	012P	A	Transformer	NW1 145	012P TR	0:29	6	9/2/2024 10:05	9/2/2024 10:35	176 TREE-IN ROW
1827344	NW1		A	Line Section	span_302139		0:25	154	10/21/2024 8:58	10/21/2024 9:24	3860 TREE-IN ROW
1825334	NW1	FDR	ABC	Feeder	NW1	FDR OD	0:19	866	10/4/2024 16:23	10/4/2024 16:42	16684 PLANNED-WORK PLAN
1806907	NW1 145	033M	C	Meter		10007573	0:19	1	5/25/2024 9:19	5/25/2024 9:38	19 WEATHER
1835755	NW1 016A	004	C	Line Section	NW1 016A	004 OD	0:18	3	12/26/2024 15:50	12/26/2024 16:08	55 TREE-OUT OF ROW
1796299	NW1 026	TOP	A	Line Section	NW1 026	TOP OD	0:17	4	3/26/2024 21:55	3/26/2024 22:13	71 TREE-IN ROW
1827737	NW1 016	006-1	A	Line Section	NW1 016	006-1 OD	0:09	39	10/28/2024 10:01	10/28/2024 10:11	388 PLANNED MAINTENANCE

2025 Circuit clearing was completed in January/February 2025.

Wayland 1 Outages 2024

Outage	Map Location	Phs	Type	Line Sect	Duration	# Out	Time Off	Time On	Customer Minutes	Cause Desc
1795966	WD1	ABC	Line Section	span_308835	0:05	107	3/26/2024 9:00	3/26/2024 9:06	631	UNDER INVESTIGATION
1791819	WD1 012	A	Line Section	WD1 012 OD	0:49	3	1/18/2024 12:49	1/18/2024 13:38	148	WEATHER
1791797	WD1 057A	A	Meter	87922	1:24	1	1/18/2024 10:44	1/18/2024 12:08	84	WEATHER
1823530	WD1 060-2A	A	Meter	86855	0:35	1	9/13/2024 12:12	9/13/2024 12:48	35	AN - BIRDS/BAT
1825020	WD1 061	A	Line Section	WD1 061 OD	0:54	5	9/28/2024 16:44	9/28/2024 17:38	272	MA - TREE CUT ONTO LINE BY PUBLIC
1825023	WD1 061A	B	Meter	6183	2:27	1	9/28/2024 16:44	9/28/2024 19:11	147	MA - TREE CUT ONTO LINE BY PUBLIC
1808936	WD1 067	C	Line Section	WD1 067 OD	0:36	79	6/16/2024 22:46	6/16/2024 23:23	2700	TREE-OUT OF ROW
1808924	WD1 067	AB	Line Section	WD1 067 OD	1:46	227	6/16/2024 21:36	6/16/2024 23:22	24183	TREE-OUT OF ROW
1827020	WD1 081-1UM	C	Meter	110164	0:45	1	10/14/2024 15:59	10/14/2024 16:44	45	AN - SQUIRRELS
1832089	WD1 082	A	Line Section	WD1 082 OD	2:18	1	11/14/2024 16:54	11/14/2024 19:12	138	TREE-OUT OF ROW
1815020	WD1 088	B	Transformer	WD1 088 TR	1:07	2	7/15/2024 5:56	7/15/2024 7:04	134	WEATHER
1808186	WD1 090	ABC	Line Section	WD1 090 SW-A	0:06	269	6/8/2024 15:59	6/8/2024 16:05	1744	TREE-IN ROW
1830019	WD1 FDR	ABC	Feeder	WD1 FDR OD	0:13	512	11/6/2024 9:56	11/6/2024 10:10	4770	MA - GLE CREW
1829917	WD1 FDR	ABC	Feeder	WD1 FDR OD	0:07	512	11/6/2024 9:49	11/6/2024 9:56	3686	MA - GLE CREW
1795891	WD1 FDR	ABC	Feeder	WD1 FDR OD	3:26	485	3/26/2024 5:47	3/26/2024 9:14	61735	WEATHER
1833996	WD1 016	A	Line Section	span_309121	0:55	24	12/5/2024 0:07	12/5/2024 1:03	1336	WEATHER
1833826	WD1 016 001	BC	Line Section	WD1 016 001 OD	5:15	43	12/4/2024 19:47	12/5/2024 1:03	13358	WEATHER
1809873	WD1 016 001	A	Line Section	WD1 016 001 OD	1:17	24	6/21/2024 17:31	6/21/2024 18:48	1860	UNKNOWN
1807555	WD1 016 010	C	Transformer	WD1 016 010 TR	0:54	2	6/1/2024 9:39	6/1/2024 10:33	107	AN - SQUIRRELS
1806172	WD1 016A 003	B	Meter	4104522	0:48	1	5/20/2024 21:10	5/20/2024 21:59	48	EQ - OH LINE
1804816	WD1 016B TOP	A	Line Section	WD1 016B TOP OD	0:41	9	5/2/2024 11:35	5/2/2024 12:17	377	MA - HEAVY EQUIPMENT
1817857	WD1 053 TOP	ABC	Line Section	WD1 053 TOP OD	0:51	11	8/13/2024 10:38	8/13/2024 11:30	569	MA - HEAVY EQUIPMENT
1802382	WD1 146 008	ABC	Meter	10019791	14:20	1	4/12/2024 19:03	4/13/2024 9:23	860	WEATHER
1799866	WD1 146 008	ABC	Meter	10019791	1:58	1	4/4/2024 7:13	4/4/2024 9:11	118	AN - RACCOONS
1816482	WD1 146 TOP	B	Line Section	WD1 146 TOP OD	1:02	1	7/28/2024 12:32	7/28/2024 13:35	62	MA - HEAVY EQUIPMENT
1808634	WD1 146 TOP	ABC	Line Section	WD1 146 TOP OD	5:13	3	6/13/2024 16:59	6/13/2024 22:12	939	MA - AUTO ACCIDENT
1802510	WD1 160 004	A	Line Section	WD1 160 004 OD	3:36	11	4/12/2024 17:06	4/12/2024 20:42	2370	TREE-IN ROW
1802512	WD1 160 008N	A	Meter	10029083	2:18	1	4/12/2024 20:43	4/12/2024 23:01	137	EQ - OH LINE

This circuit ranked 130th for tree related CI minutes and 173rd for number of tree related outages for 2024. Therefore, it was not considered for 2025 WPC danger tree mitigation. However, this circuit will be prioritized for 3-phase danger tree inspection after the 2025 WPC Danger tree mitigation is complete.