

December 15, 2023

Ms. Lisa Felice
Executive Secretary
Michigan Public Service Commission
7109 West Saginaw Highway
Post Office Box 30221
Lansing, MI 48909

RE: Case No. U-20697 – In the matter of the application of Consumers Energy Company for Authority to increase its rates for the generation and distribution of electricity and for other relief.

Dear Ms. Felice:

Enclosed for electronic filing in the above-captioned case, please find **Consumers Energy Company's Line Clearing Program 2023 Report**.

This is a paperless filing and is therefore being filed only in PDF. I have included a Proof of Service showing electronic service upon the parties.

Sincerely,

Bret A. Totoraitis
Phone: 517-788-0835
Email: bret.totoraitis@cmsenergy.com

cc: Hon. Sally Wallace, Administrative Law Judge
Parties per Attachment 1 to Proof of Service

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter of the application of	)	
CONSUMERS ENERGY COMPANY	)	
for authority to increase its rates for	)	Case No. U-20697
the generation and distribution of	)	
electricity and for other relief.	)	
_____	)	

CONSUMERS ENERGY COMPANY'S

LINE CLEARING PROGRAM

2023 REPORT

Background

In MPSC Case No. U-20697, the Michigan Public Service Commission ("MPSC") directed Consumers Energy Company (Company) to file an annual report to detail the progress of the line clearing program towards attaining the planned 7-year effective cycle and the performance of Low Voltage Distribution ("LVD") circuits post-clearing. From the Case No. U-20697 Order on December 17, 2020:

Consumers Energy Company shall file an annual report in this docket no later than December 15, 2021, and meet periodically with the Commission Staff throughout the year, to evaluate the company's progress toward its line-clearing goals, to refine program metrics, and to discuss future strategies.

Per the Case No. U-20697 Order, this report covers program spending, miles completed, circuit performance, and workforce engaged in line clearing operations. The report is separated into four sections as described below:

1. Operating and Maintenance ("O&M") Expense – O&M expense for the LVD and High Voltage Distribution ("HVD") system are reported and broken down into the sub-program level.

2. Miles Complete – Completed miles for the LVD and HVD system are reported and broken down into the sub-program level. For the LVD system, full circuit miles completed within cycle and the miles of circuits out of cycle are reported by headquarters.
3. LVD Circuit Performance – Circuits cleared are reported including the average number of tree-caused primary outage incidents, customers interrupted, and customer outage minutes for the three years preceding the year cleared and post-clearing tree-caused primary outage incidents, customers interrupted, and customer outage minutes for the years following the year cleared. Percent change in performance for each circuit is shown (post-clearing metrics are presented in this report for circuits cleared in 2021 and 2022 but are not included for circuits cleared in 2023).
4. Workforce Engaged in Line Clearing – The report details the workforce engaged in line clearing operations by total line clearing contractor employees and Consumers Energy supervision and oversight employees.

Dated: December 15, 2023

Respectfully submitted,

CONSUMERS ENERGY COMPANY

Section 1 – O&M Expense for the Line Clearing Program

Historical spending on the Company’s line clearing program is presented in Table 1 below. The Company has exceeded spending for line clearing above rate case approved levels in this timeframe. Current year spending is at target through the end of October financial month and is on track to meet the year-end O&M spending target of \$108.03M as set by the Company’s last Electric Rate Case (\$100.03M) and One-Time Voluntary Refund (\$8M) in Case No. U-21332.

**Table 1 – Line Clearing O&M Expense 2017-2022, 2023 YTD October
(Dollars in Thousands)**

Distribution System	2017	2018	2019	2020	2021	2022	2023 YTD Oct Financial
HVD System	\$11,394	\$12,036	\$12,212	\$9,170	\$10,739	\$10,987	\$9,518
LVD System	\$38,360	\$39,912	\$41,078	\$46,104	\$75,828	\$91,016	\$79,948
Electric Total	\$49,754	\$51,948	\$53,290	\$55,274	\$86,567	\$102,003	\$89,466 ¹
Rate Case approved Spend ²	\$48,500	\$50,995	\$52,970	\$53,000	\$84,000	\$93,959	\$100,030
Note ¹ - \$90.02 is 10 months of the annual \$108.03M Note ² - 2017 from rate case U-17735, 11/19/2015, \$48.5M and U-17990, 2/28/2017, \$48.5M - 2018 from rate case U-17990, 2/28/2017, \$48.5M and U-18322, 3/29/2018, \$51.8M - 2019 from rate case U-18322, 3/29/2018, \$51.8M and U20134, 1/9/2019, \$53.0M - 2020 from rate case U-20134, 1/9/2019, \$53.0M - 2021 from rate case U-20697, 12/17/2020, \$84.0M - 2022 from rate case U-20963, 12/22/2021, \$93.959M - 2023 from rate case U-21224, 1/19/2023, \$100.03M							

Total 2023 contractor clearing expense for the LVD system year-to-date (“YTD”) through the October financial period for each of the Company’s headquarters is presented in Table 2 below. These figures do not include Company supervision and oversight expenses and do not include contractor expenses for the HVD system which are not tracked at the service center level. Company supervision and oversight expenses are presented as a single line item in the total section of the table.

**Table 2 – LVD Program Contractor Expenses by Work Type for each Headquarters
January-October 2023**

Headquarters	Forestry LVD O&M Expense							Other Contractor Expense		Grand Total
	Scheduled Maintenance	First Zone	Repetitive Outage	Demand	CEMI	Herbicide	Forestry LVD O&M Total	Capital	Storm	
Adrian	\$1,720,277	\$0	\$29,449	\$93,633	\$35,267	\$74,611	\$1,953,237	\$105,612	\$582,032	\$2,640,881
Alma	\$1,713,330	\$0	\$0	\$34,789	\$0	\$65,821	\$1,813,940	\$155,991	\$37,036	\$2,006,967
Battle Creek	\$1,322,452	\$0	\$4,400	\$95,815	\$0	\$230,497	\$1,653,164	\$96,995	\$146,893	\$1,897,051
Bay City	\$1,554,396	\$0	\$0	\$48,161	\$0	\$0	\$1,602,557	\$31,579	\$47,814	\$1,681,950
Benzie	\$946,905	\$2,359	\$30,906	\$18,711	\$0	\$29,626	\$1,028,507	\$29,758	\$15,079	\$1,073,344
Big Rapids	\$3,615,952	\$1,955	\$0	\$62,437	\$0	\$154,628	\$3,834,972	\$119,528	\$147,425	\$4,101,926
Boyne City	\$1,547,046	\$19,790	\$0	\$32,036	\$0	\$0	\$1,598,872	\$24,544	\$5,542	\$1,628,959
Cadillac	\$1,453,517	\$0	\$0	\$20,709	\$0	\$207,501	\$1,681,728	\$188,034	\$7,643	\$1,877,404
Clare	\$2,888,651	\$0	\$7,122	\$42,447	\$0	\$203,135	\$3,141,355	\$220,226	\$11,842	\$3,373,423
Coldwater	\$1,526,374	\$21,588	\$8,360	\$47,735	\$0	\$128,440	\$1,732,496	\$68,529	\$213,375	\$2,014,399
East Kent	\$868,658	\$0	\$0	\$35,928	\$0	\$24,337	\$928,924	\$108,721	\$78,676	\$1,116,321
Flint	\$5,906,772	\$189,454	\$56,739	\$195,184	\$42,941	\$50,265	\$6,441,355	\$617,791	\$731,740	\$7,790,885
Fremont	\$1,458,443	\$0	\$0	\$236	\$0	\$43,598	\$1,502,277	\$151,242	\$26,020	\$1,679,539
Greenville	\$3,050,299	\$52,830	\$224,646	\$46,610	\$34,721	\$79,625	\$3,488,731	\$203,707	\$455,930	\$4,148,368
Hamilton	\$5,772,625	\$15,979	\$354,020	\$65,466	\$97,180	\$79,684	\$6,384,953	\$313,870	\$125,049	\$6,823,873
Hastings	\$688,484	\$0	\$0	\$37,018	\$0	\$78,843	\$804,345	\$156,339	\$135,910	\$1,096,594
Jackson	\$2,161,885	\$66,703	\$11,448	\$88,998	\$0	\$204,623	\$2,533,657	\$206,815	\$1,119,332	\$3,859,803
Kalamazoo	\$4,777,359	\$36,284	\$286,166	\$100,477	\$28,608	\$226,968	\$5,455,862	\$282,946	\$417,205	\$6,156,014
Lansing	\$2,634,892	\$39,970	\$31,631	\$75,516	\$0	\$74,939	\$2,856,947	\$195,591	\$818,169	\$3,870,707
Ludington	\$913,430	\$0	\$0	\$24,167	\$0	\$30,883	\$968,480	\$25,716	\$9,121	\$1,003,317
Midland	\$2,199,771	\$0	\$0	\$87,110	\$0	\$13,040	\$2,299,921	\$120,621	\$74,941	\$2,495,484
Muskegon	\$3,213,354	\$0	\$0	\$58,554	\$0	\$39,699	\$3,311,607	\$231,333	\$115,872	\$3,658,812
North Kent	\$2,627,139	\$0	\$207,709	\$54,872	\$0	\$118,955	\$3,008,675	\$74,880	\$320,837	\$3,404,392
Owosso	\$706,916	\$0	\$33,864	\$15,549	\$0	\$7,191	\$763,521	\$108,626	\$194,493	\$1,066,640
Saginaw	\$2,510,786	\$0	\$52,994	\$57,701	\$0	\$0	\$2,621,481	\$484,664	\$193,745	\$3,299,889
South Monroe	\$521,196	\$0	\$0	\$290	\$0	\$20,612	\$542,098	\$44,857	\$0	\$586,955
Tawas and West Branch	\$5,070,293	\$12,966	\$7,616	\$191,700	\$40,206	\$702,988	\$6,025,769	\$296,696	\$204,644	\$6,527,109
Traverse City	\$2,632,581	\$0	\$0	\$46,148	\$0	\$11,546	\$2,690,275	\$317,267	\$14,211	\$3,021,753
West Kent	\$3,769,009	\$0	\$62,809	\$53,143	\$0	\$26,377	\$3,911,338	\$257,296	\$357,456	\$4,526,091
Clearing Contractor Expense Totals	\$69,772,792	\$459,878	\$1,409,877	\$1,731,142	\$278,923	\$2,928,433	\$76,581,045	\$5,239,777	\$6,608,031	\$88,428,853
Supervision and Contractor Oversight							\$5,060,779			\$5,060,779
Forestry LVD Clearing Totals	\$69,772,792	\$459,878	\$1,409,877	\$1,731,142	\$278,923	\$2,928,433	\$81,641,824	\$5,239,777	\$6,608,031	\$93,489,632

Section 2 – Miles Completed

The historic O&M miles completed by sub-program are presented in Table 3 below. 2021 was the first year of the ramp-up plan to attain a 7-year effective cycle. Year-to-date results through week ending October 28 for 2023 are presented in Table 3. The Company is on track to meet its miles completion targets for both the HVD and LVD systems for 2023.

Table 3 - Line Clearing O&M Miles Completed 2017-2022, 2023 YTD October

Distribution System	2017	2018	2019	2020	2021	2022	2023 YTD 10/28
HVD System	1,019	1,081	1,012	1,116	1,178	1,106	1,010
LVD System	3,503	3,218	3,518	4,211	5,279	6,388	5,261
Electric Total	4,522	4,299	4,530	5,327	6,457	7,494	6,271
HVD Targeted Miles ¹							985
LVD Targeted Miles ¹							4,971
Note ¹ – 2023 target presented is 10 months of 2023 target of 1,164 HVD and 5,875 LVD miles							

Table 4 represents the miles of full LVD circuits cleared within their voltage cycle and the miles of LVD circuits last cleared beyond the voltage cycle by each headquarters. The backlog miles include miles cleared under subprograms that are less than full circuits such as repetitive outage zonal clearing or capital clearing work.

Table 4 – LVD Full Circuit Clearing Miles by Headquarters

Headquarters	LVD Miles	LVD Trees	Trees/Mile	Miles On Cycle	Miles Backlog
Adrian	2,183	170,263	78	1,399	784
Alma	1,913	130,019	68	1,011	902
Battle Creek	2,357	271,152	115	1,762	595
Bay City	1,068	117,942	110	480	588
Benzie	879	160,523	183	599	281
Big Rapids	1,417	193,512	137	896	521
Boyer City	988	131,230	133	819	168
Cadillac	2,074	297,520	143	1,275	799

Coldwater	2,451	207,825	85	1,786	665
Clare	2,357	406,018	172	1,323	1,033
Flint	4,264	399,863	94	1,578	2,686
Fremont	962	125,280	130	637	326
West Kent	2,555	167,275	65	1,277	1,278
East Kent	1,244	92,941	75	879	365
North Kent	1,877	240,753	128	1,278	599
Greenville	2,342	280,926	120	1,279	1,063
Hamilton	2,646	371,196	140	1,586	1,059
Hastings	1,316	179,723	137	805	510
Jackson	3,504	446,374	127	2,181	1,322
Kalamazoo	2,900	362,418	125	2,085	814
Lansing	3,259	297,222	91	1,337	1,922
Ludington	684	90,215	132	495	189
Midland	1,425	194,722	137	840	584
Muskegon	2,673	368,479	138	1,294	1,379
Owosso	1,962	175,384	89	653	1,309
Saginaw	2,309	189,681	82	1,146	1,163
South Monroe	643	47,791	74	592	51
Traverse City	1,860	257,688	139	722	1,139
Tawas	1,882	385,527	205	1,011	872
West Branch	3,186	556,122	175	2,230	956
Grand Total	61,178	7,315,586	120	35,256	25,922

Table 5 shows the completed miles of clearing at the service center level for the LVD system for the major LVD sub-programs for 2023 through week ending October 28, 2023.

Table 5 – Miles cleared in each Headquarters by Subprogram (Jan-Oct 2023)

Headquarters	Full Circuit	First Zone	Rep Outage	CEMI	Grand Total
Adrian	187.45	0.00	2.35	5.65	195.44
Alma	205.31	0.00	0.00	0.00	205.31
Battle Creek	116.36	0.00	0.30	0.00	116.66
Bay City	128.04	0.00	0.00	0.00	128.04
Big Rapids	225.81	0.82	0.00	0.00	226.63
Boyer City	148.74	2.60	0.00	0.00	151.34
Benzie	66.76	0.72	1.51	0.00	68.99
Cadillac	181.58	0.00	0.00	0.00	181.58
Coldwater	196.83	1.92	2.27	0.00	201.02
Clare	183.79	0.00	1.88	0.00	185.67
Flint	214.30	4.71	2.42	0.44	221.88

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Fremont	84.38	0.00	0.00	0.00	84.38
East Kent	55.74	0.00	0.00	0.00	55.74
North Kent	173.27	0.00	8.80	0.00	182.03
West Kent	226.15	0.00	1.06	0.00	227.25
Greenville	144.00	5.43	8.71	0.00	158.14
Hamilton	237.97	1.89	4.64	4.20	248.69
Hastings	59.03	0.00	0.00	0.00	59.03
Jackson	147.15	8.57	1.08	0.00	156.80
Kalamazoo	241.83	1.06	9.29	1.88	254.06
Lansing	165.84	8.10	0.58	0.00	174.52
Ludington	85.82	0.00	0.00	0.00	85.82
Midland	133.02	0.00	0.00	0.00	133.02
Muskegon	210.46	0.00	0.00	0.00	210.46
Owosso	54.70	0.00	0.91	0.00	55.61
Saginaw	120.98	0.00	2.09	0.00	123.07
South Monroe	84.06	0.00	0.00	0.00	84.06
Traverse City	156.08	0.00	0.00	0.00	156.08
Tawas and West Branch	486.53	5.14	1.80	4.30	497.77
Grand Total	4,721.98	40.97	49.68	16.47	4,829.09

Section 3 - LVD Circuit Performance

Table 6 shows the performance of individual headquarters of the LVD system for both non-Major Event Day (“MED”) and MED conditions for the period of January 1, 2023 through October 31, 2023.

Table 6 – Headquarters Total for Tree-Caused Primary Outages (January 1 – October 31, 2023)

Headquarters	Total Non-MED			Total MED			Total Non-MED and MED		
	Incidents	Customers	CustMin	Incidents	Customers	CustMin	Incidents	Customers	CustMin
Adrian	122	9,919	3,252,846	323	42,208	119,631,323	445	52,127	122,884,169
Alma	81	4,301	840,991	21	2,217	2,494,991	102	6,518	3,335,982
Battle Creek	213	15,095	2,760,754	161	18,892	31,655,091	374	33,987	34,415,845
Bay City	34	2,640	641,850	3	368	49,404	37	3,008	691,254
Benzie	83	10,071	1,421,022	2	115	22,853	85	10,186	1,443,875
Big Rapids	218	20,203	6,082,284	41	6,142	8,453,660	259	26,345	14,535,943
Boyer City	46	6,753	967,828	0	0	0	46	6,753	967,828
Cadillac	75	12,527	1,926,412	3	238	54,439	78	12,765	1,980,851
Clare	167	23,070	3,846,166	3	83	18,411	170	23,153	3,864,578
Coldwater	156	9,403	2,264,567	263	19,856	41,053,823	419	29,259	43,318,391
East Kent	103	12,001	2,105,300	25	4,438	44,640,449	128	16,439	46,745,749
Flint	225	28,052	8,279,650	102	14,798	17,231,769	327	42,850	25,511,419
Fremont	78	6,283	752,345	46	4,892	5,706,537	124	11,175	6,458,882
Greenville	318	25,337	7,004,179	180	20,043	35,116,618	498	45,380	42,120,797
Hamilton	295	28,420	6,420,942	69	6,431	7,269,096	364	34,851	13,690,038
Hastings	116	9,860	2,736,811	32	3,501	2,437,407	148	13,361	5,174,218
Jackson	361	23,594	7,338,459	545	71,766	169,449,866	906	95,360	176,788,326
Kalamazoo	348	40,512	7,164,246	296	62,654	119,084,428	644	103,166	126,248,674
Lansing	265	34,492	10,548,584	240	38,656	83,449,187	505	73,148	93,997,772
Ludington	43	3,698	581,048	11	1,990	428,843	54	5,688	1,009,891
Midland	102	6,868	1,865,353	4	848	725,602	106	7,716	2,590,955
Muskegon	225	29,136	3,990,401	169	31,421	32,262,793	394	60,557	36,253,195
North Kent	267	26,976	8,619,248	124	22,262	26,713,889	391	49,238	35,333,138
Owosso	121	14,349	5,070,629	69	8,204	11,265,414	190	22,553	16,336,043
Saginaw	79	7,669	2,111,151	13	1,551	1,071,326	92	9,220	3,182,477
South Monroe	55	5,064	1,054,921	70	5,067	5,757,510	125	10,131	6,812,430
Tawas	108	15,910	4,857,974	2	51	10,696	110	15,961	4,868,669
Traverse City	129	13,500	2,599,339	5	71	15,981	134	13,571	2,615,320
West Branch	200	30,595	5,287,405	7	445	92,107	207	31,040	5,379,512
West Kent	129	17,093	4,595,190	39	16,066	15,847,098	168	33,159	20,442,288
Grand Total	4,762	493,391	116,987,894	2,868	405,274	782,010,615	7,630	898,665	898,998,509

Since 2021 was the first year of the ramp-up plan to attain a 7-year effective cycle, the methodology displayed in Table 7 will be used on a going-forward basis to compare the performance of individual circuits cleared in 2021 and years following 2021 to the 3-year pre-clearing average. Pre-clearing and post-clearing metrics will include the number of tree-caused primary outage incidents for the circuit, the number of impacted customers, and the number of customer minutes incurred by those incidents for all-weather conditions. Attachment 1 to 2023 Line Clearing Annual Report shows the three-year average historical performance of the circuits cleared in 2021, 2022, and 2023. Post-clearing data for circuits cleared in 2021 and 2022 is provided for the time period of January 1 through December 31 of the years following clearing, respectively. Post-clearing data for circuits cleared in 2023 will be shown in the 2024 Line Clearing Annual Report. Attachment 1 to 2023 Line Clearing Annual Report will continue to build out as the program progresses through the 2021-2025 ramp-up plan.

Table 7 - Methodology for Post Clearing Circuit Performance Analysis

2018	2019	2020	2021	2022	2023	2024	2025
Three Year Average Pre-Clearing Performance			Year of Trim	Post Trim Year 1	Post Trim Year 2	Post Trim Year 3	Post Trim Year 4
				Three Year Average Pre-Clearing Performance			Post Trim Year 1
Three Year Average Pre-Clearing Performance		Year of Trim					Post Trim Year 1
				Three Year Average Pre-Clearing Performance		Post Trim Year 1	Post Trim Year 2
Three Year Average Pre-Clearing Performance						Year of Trim	Post Trim Year 1
				Three Year Average Pre-Clearing Performance			Post Trim Year 1
Three Year Average Pre-Clearing Performance							Year of Trim
				Post Trim Year 1			
Three Year Average Pre-Clearing Performance				Three Year Average Pre-Clearing Performance		Year of Trim	
						Year of Trim	

Section 4 – Workforce Engaged in Line Clearing Operations

At the beginning of 2023 the Company had employed 75 internal and contracted full-time equivalent (“FTE”) resources in the line clearing area for supervision and oversight responsibilities. During 2023, eight (8) in-house FTEs were lost for supervision and oversight due to retirements and attrition and the positions were backfilled with contracted FTEs. The total contractor workforce engaged at the crew level for line clearing operations at the beginning of 2023 was approximately 921 employees. Crews and additional contractors on the system performing line clearing work as of October 31, 2023, was 906 FTEs. The total FTEs engaged in all aspects of the line clearing program are presented below in Table 8.

Table 8 - FTEs Engaged in Line Clearing

Employee Type	FTEs
Line Clearing Contractor Employee	906
Contract Supervision and Oversight	27
In-House Supervision and Oversight	48
Total FTEs Engaged in Line Clearing	981

ATTACHMENT 1

Feeder ID	Substation	Circuit	HQ	Circuit Miles	2021 Work Plan Miles	Percent of Circuit to be Cleared	2021 Cleared Miles	Percent of the 2021 Circuit Miles Complete	Weighted Three-Year Average Incidents by Percent of Circuit Miles Completed	Weighted Three-Year Average Impacted Customers by Percent of Circuit Miles Completed	Weighted Three-Year Average Customer Minutes by Percent of Circuit Miles Completed	Weighted incidents by percent of circuit miles complete - 1st year post clear	Weighted impacted customers by percent of circuit miles complete - 1st year post clear	Weighted customer minutes by percent of circuit miles complete - 1st year post clear	Weighted incidents by percent of circuit miles complete - 2nd year post clear	Weighted impacted customers by percent of circuit miles complete - 2nd year post clear	Weighted customer minutes by percent of circuit miles complete - 2nd year post clear
006401	BEECHER	DISPOSAL	ADR	11.85	0.10	1%	0.10	1%	0.017	1	226	0.008	0	3	0.034	2	1,565
013402	TECUMSEH	EVANS STREET	ADR	13.84	11.60	84%	11.59	84%	0.837	6	2,399	2.512	934	218,753	5.861	371	1,136,533
014801	MORENCI	CITY	ADR	15.03	13.80	92%	13.80	92%	1.530	169	98,110	1.836	62	19,504	2.754	384	272,946
014802	MORENCI	MOREY	ADR	38.42	29.92	78%	29.92	78%	0.519	16	8,537	1.558	58	14,115	3.894	568	549,865
102101	LOCH ERIN	PENTECOST	ADR	43.10	28.88	67%	28.88	67%	1.563	37	7,159	4.020	488	945,557	8.041	470	2,165,012
152801	TRIPP ROAD	TRIPP ROAD	ADR	49.89	24.80	50%	24.80	50%	1.657	44	19,863	0.994	17	38,326	5.468	152	564,638
000201	MT PLEASANT	COLLEGE	ALM	15.43	15.43	100%	15.20	99%	0.985	262	87,801	0.000	0	0	0.000	0	0
011202	CAMELOT LAKE	LOOMIS	ALM	52.46	49.60	95%	49.60	95%	25.528	1529	945,638	11.346	397	266,984	7.564	322	187,392
015501	JEROME ROAD	STATE STREET	ALM	11.71	11.71	100%	11.11	95%	1.266	47	23,871	0.000	0	0	1.898	69	17,959
020104	EDMORE	BLANCHARD	ALM	1.48	1.48	100%	1.48	100%	1.333	28	14,283	0.000	0	0	0.000	0	0
023702	CASINO	LEATON	ALM	71.42	71.45	100%	71.45	100%	18.675	902	341,310	5.000	194	38,122	4.000	395	28,987
038301	GROVER	TRIANGLE	ALM	45.15	40.47	90%	2.99	7%	0.463	25	11,292	0.331	29	8,202	0.000	0	0
074401	PINE RIVER	GRATIOT	ALM	5.42	5.46	101%	5.46	101%	1.343	278	100,379	0.000	0	0	1.000	186	29,664
082002	FORDYCE	LINCOLN	ALM	23.54	16.76	71%	16.76	71%	1.899	48	17,027	0.000	0	0	0.000	0	0
107603	ISABELLA	MISSION	ALM	10.14	10.31	102%	10.31	102%	1.017	385	64,840	0.000	0	0	0.000	0	0
107604	ISABELLA	REMUS	ALM	12.99	13.20	102%	13.20	102%	4.742	121	54,782	0.000	0	0	0.000	0	0
122501	CRAWFORD	DEERFIELD	ALM	18.75	17.63	94%	17.63	94%	1.567	18	4,508	0.000	0	0	0.000	0	0
008502	ELM STREET	VERONA	BCK	15.30	14.02	92%	14.02	92%	0.916	96	16,888	0.916	20	5,534	4.582	2411	199,731
008505	ELM STREET	PORTER	BCK	15.51	15.25	98%	15.25	98%	2.294	357	456,204	0.000	0	0	1.966	53	7,921
021903	GOGUAC	RIVERSIDE	BCK	10.97	10.92	100%	10.92	100%	0.664	122	90,885	2.986	1025	603,181	0.000	0	0
036002	LIBERTY	HAMBLIN	BCK	9.07	9.24	102%	9.24	102%	2.037	161	281,080	3.000	770	967,617	0.000	0	0
036004	LIBERTY	LIBERTY	BCK	4.47	4.34	97%	4.34	97%	0.647	142	337,187	0.000	0	0	0.971	214	21,632
059502	ATHENS	ATHENS	BCK	40.89	37.78	92%	37.78	92%	15.091	607	296,717	8.315	347	129,071	1.848	575	869,923
061602	PRINCETON	BROWNLEE	BCK	12.00	2.60	22%	2.60	22%	0.867	44	80,923	0.217	10	6,373	0.433	24	2,904
063501	LEVEL PARK	COLLIER	BCK	47.18	44.30	94%	44.30	94%	15.962	978	475,242	15.023	1320	506,912	9.390	576	2,054,606
110401	BELLEVEUE	ASSYRIA	BCK	90.64	65.54	72%	45.96	51%	13.691	938	890,562	5.071	137	69,694	3.042	113	212,543
067602	MCGRAW	CASS	BCY	10.64	10.53	99%	10.53	99%	7.258	555	143,054	2.969	35	12,624	0.990	25	5,284
027402	CONKLIN PARK	CROTON	BIG	30.58	27.09	89%	27.09	89%	10.040	2098	758,723	6.201	1758	468,797	15.060	2868	2,433,619
048501	RODNEY	HORSE HEAD	BIG	47.91	47.85	100%	47.85	100%	13.982	1899	1,239,754	7.990	483	178,677	9.987	408	79,382
160201	BARRYTON	BARRYTON	BIG	48.84	48.61	100%	48.61	100%	18.911	2103	1,062,106	6.967	392	91,825	6.967	940	337,311
046901	CENTRAL LAKE	ELLSWORTH	BNC	24.13	4.50	19%	4.50	19%	1.181	177	43,427	0.373	68	13,317	0.186	29	5,095
048002	PELLSTON	DISTRIBUTION	BNC	44.49	24.70	56%	24.70	56%	2.961	421	161,882	0.000	0	0	0.000	0	0
048204	CHEBOYGAN	ALVERNO	BNC	46.74	46.64	100%	45.25	97%	9.037	761	392,795	4.841	373	154,843	2.905	114	19,864
048401	BAY HARBOR	DUNDEE	BNC	19.83	19.83	100%	19.83	100%	0.000	0	0	0.000	0	0	0.000	0	0
048402	BAY HARBOR	PRESERVE	BNC	27.80	27.80	100%	27.80	100%	0.000	0	0	0.000	0	0	0.000	0	0
068303	MACKINAW CREEK	BAYWIND GEN	BNC	1.25	1.25	100%	1.25	100%	0.000	0	0	0.000	0	0	0.000	0	0
080302	BOYNE MT	MOUNTAIN LAKE	BNC	5.34	5.34	100%	5.24	98%	0.000	0	0	0.000	0	0	0.000	0	0
167902	MURNER	ASPEN	BNC	27.96	27.96	100%	10.86	39%	0.129	2	82	0.388	3	304	0.000	0	0
061702	FRANKFORT	CRYSTALLIA	BNZ	51.14	41.00	80%	41.00	80%	20.577	2644	530,254	16.034	1116	363,530	6.414	495	108,977
063601	LAKE CITY	JENNINGS	CAD	90.15	47.24	52%	47.24	52%	6.987	598	156,980	7.860	301	194,387	2.096	213	34,886
063602	LAKE CITY	STITTSVILLE	CAD	210.27	85.27	41%	85.27	41%	11.760	927	343,408	11.760	1172	391,321	1.622	502	38,176
071001	MESICK	SHERMAN	CAD	133.35	48.86	37%	29.80	22%	5.214	733	333,823	1.788	209	66,477	1.117	31	6,077
113403	HARING	INDUSTRIAL	CAD	5.21	5.21	100%	5.21	100%	0.000	0	0	0.000	0	0	0.000	0	0
001302	CENTREVILLE	INDUSTRIAL	CLD	82.97	29.50	36%	29.50	36%	4.978	368	56,894	4.978	190	33,583	3.200	793	190,299
014901	BURR OAK	DOUGLAS	CLD	76.05	35.60	47%	35.60	47%	8.738	461	329,511	5.617	578	124,512	6.085	385	209,675
023002	BRONSON	INDUSTRIAL	CLD	40.81	10.40	25%	10.40	25%	2.463	173	127,773	0.000	0	0	0.765	5	10,892
023103	MENDON	M-60	CLD	69.39	27.20	39%	27.20	39%	4.835	150	58,214	1.568	88	55,122	1.960	147	33,418
023104	MENDON	PINHOOK	CLD	55.50	39.30	71%	39.30	71%	16.050	704	156,732	7.081	616	135,458	10.622	1139	594,278
042501	KINDERHOOK	LAKE DRIVE	CLD	98.35	42.40	43%	42.40	43%	9.628	565	436,703	1.724	127	16,493	6.036	505	1,736,064
083801	CARLETON ROAD	BECK ROAD	CLD	38.92	35.20	90%	26.56	68%	7.962	492	354,757	10.236	669	1,150,507	11.601	218	444,156
072901	EIGHT POINT	WHITE BIRCH	CLR	101.27	33.00	33%	31.29	31%	8.343	1118	468,750	4.326	1495	248,918	1.854	144	28,681
072902	EIGHT POINT	LAKE GEORGE	CLR	50.55	9.90	20%	9.90	20%	3.721	515	182,542	2.154	319	115,258	0.783	23	12,298
077001	CURTIS	MAGRUDDER	CLR	49.28	49.01	99%	38.46	78%	12.227	977	201,026	0.780	100	16,096	2.341	52	5,350
121701	FROST	LONG LAKE	CLR	45.55	26.50	58%	26.50	58%	10.860	1459	1,049,051	9.890	1879	1,352,724	2.909	374	90,162
028002	OTISVILLE	STATE ROAD	FLI	58.56	58.54	100%	58.54	100%	24.658	1096	783,203	10.996	233	73,762	1.999	72	124,469
029401	KEARSLEY	CROSBY ROAD	FLI	15.22	13.84	91%	13.70	90%	1.200	253	111,462	0.900	164	37,843	0.000	0	0
029406	KEARSLEY	COVERT ROAD	FLI	8.31	7.77	94%	7.77	94%	2.805	559	113,230	0.000	0	0	3.740	242	249,265
039801	SWARTZ CREEK	MORRISH ROAD	FLI	19.06	19.40	102%	16.05	84%	1.965	67	58,575	0.000	0	0	0.000	0	0
053802	COURT	KENT	FLI	9.61	2.00	21%	1.71	18%	0.178	12	1,845	0.000	0	0	0.000	0	0
054001	MT MORRIS	NEFF ROAD	FLI	25.48	24.63	97%	5.77	23%	0.453	191	112,957	0.000	0	0	0.000	0	0
058601	LEITH STREET	FRANKLIN	FLI	9.27	8.60	93%	8.60	93%	1.237	463	152,791	0.000	0	0	0.000	0	0
070001	DEAN ROAD	KELSEY-HAYES	FLI	41.72	41.63	100%	39.20	94%	5.637	468	190,258	8.456	804	149,244	0.000	0	0
070004	DEAN ROAD	PARSHALLVILLE	FLI	53.46	10.00	19%	8.52	16%	2.444	92	84,331	0.797	83	67,948	0.956	36	76,141
084201	STACEY	PIONEER	FLI	51.22	48.78	95%	48.78	95%	3.492	773	574,247	0.952	4	291	0.952	45	10,938
084202	STACEY	STONEGATE	FLI	10.02	2.80	28%	2.80	28%	0.559	11	4,359	0.559	5	2,131	0.559	30	17,115
106502	FOURTH ST	LIPPINCOTT ST	FLI	9.65	7.76	80%	4.51	47%	0.156	11	7,264	0.000	0	0	0.467	9	6,224
004703	SPRING DRIVE	BISHOP LAKE	FRE	84.74	39.04	46%	39.04	46%	11.671	328	149,121	4.146	84	28,777	4.607	510	599,071
037901	HESPERIA	HESPERIA	FRE	58.86	58.86	100%	58.86	100%	12.000	1559	640,353	5.000	103	12,286	8.000	540	155,326
123601	BAILEY	BAILEY	FRE	32.96	32.88	100%	31.19	95%	13.878	682	211,886	6.624	596	40,087	0.946	9	908
051503	DUTTON	GATEWAY CIRCLE	GRE	8.95	2.50	28%	2.50	28%	0.093	23	1,494	0.000	0	0	0.000	0	0
051504	DUTTON	DUTTON	GRE	43.77	5.30	12%	5.30	12%	0.323	13	4,785	0.242	4	373	0.121	4	1,072
058902	THORNAPPLE	BUTTRICK	GRE	31.15	30.71	99%	30.71	99%	5.258	868	509,075	6.901	1020	456,111	0.986	3	153
058903	THORNAPPLE	RIX STREET	GRE	10.12	10.12	100%	10.07	99%	2.985	184	84,042	1.990	94	89,879	1.990	94	27,237
093401	CALVIN	BELTUNE															

Feeder ID	Substation	Circuit	HQ	Circuit Miles	2021 Work Plan Miles	Percent of Circuit to be Cleared	2021 Cleared Miles	Percent of the 2021 Circuit Miles Complete	Weighted Three-Year Average Incidents by Percent of Circuit Miles Completed	Weighted Three-Year Average Impacted Customers by Percent of Circuit Miles Completed	Weighted Three-Year Average Customer Minutes by Percent of Circuit Miles Completed	Weighted incidents by percent of circuit miles complete - 1st year post clear	Weighted impacted customers by percent of circuit miles complete - 1st year post clear	Weighted customer minutes by percent of circuit miles complete - 1st year post clear	Weighted incidents by percent of circuit miles complete - 2nd year post clear	Weighted impacted customers by percent of circuit miles complete - 2nd year post clear	Weighted customer minutes by percent of circuit miles complete - 2nd year post clear
000302	WEST RIVER	CHAMBERLIN	GRN	9.21	9.14	99%	9.14	99%	4,300	205	450,462	1,985	24	8,348	6,947	395	760,015
028301	CEDAR SPRING	NELSON	GRN	88.12	50.00	57%	32.73	37%	10,151	1070	771,801	5,200	139	44,548	3,714	183	117,368
028303	CEDAR SPRING	WHITE CREEK	GRN	67.93	65.00	96%	65.00	96%	19,775	1739	2,546,116	5,741	2206	353,698	9,569	2132	1,204,322
104202	ROGUE RIVER	ROGUE RIVER	GRN	15.52	13.90	90%	13.90	90%	2,687	303	580,020	0.000	0	0	1,791	201	19,380
121003	NORTH KENT	NORTHVILLE	GRN	11.17	11.17	100%	11.17	100%	2,333	1022	1,253,063	2,000	755	42,750	0.000	0	0
017006	HARVEY STREET	FULLER	GRW	8.84	8.84	100%	8.84	100%	2,333	1210	321,998	2,000	159	161,354	0.000	0	0
023507	BEALS ROAD	DIVISION ROAD	GRW	7.06	7.06	100%	5.56	79%	0.525	19	2,017	0.000	0	0	0.000	0	0
031701	ABERDEEN	KNAPP	GRW	16.18	16.84	104%	8.28	51%	1,024	92	93,002	0.000	0	0	1,024	543	888,297
049206	HASKELITE	BISSELL	GRW	12.05	0.80	7%	0.80	7%	0.155	52	12,173	0.000	0	0	0.000	0	0
049903	STANDALE	VILLAGE	GRW	27.07	27.07	100%	27.07	100%	8,667	1240	498,803	7,000	784	111,094	1,000	894	226,944
056801	RAMONA	ROBINSON	GRW	15.58	15.54	100%	15.54	100%	2,327	616	675,760	1,995	310	30,045	0.997	149	60,453
056803	RAMONA	REEDS LAKE	GRW	8.41	8.41	100%	8.41	100%	3,667	1306	841,662	0.000	0	0	0.000	0	0
064104	BAYBERRY	POWDERHORN	GRW	16.04	3.10	19%	3.10	19%	0.258	158	33,860	0.387	393	238,778	0.000	0	0
069902	WALKER	ROSALIE	GRW	28.23	28.61	101%	28.61	101%	11,824	2426	2,132,910	0.000	0	0	2,000	125	30,924
072701	BURLINGAME	BURLINGAME	GRW	15.55	15.44	99%	15.44	99%	2,979	859	424,482	0.993	52	12,318	0.993	10	4,449
072703	BURLINGAME	NEWHALL	GRW	11.19	11.10	99%	11.10	99%	0.992	102	36,680	0.000	0	0	0.000	0	0
103503	KNAPP	PERKINS	GRW	18.87	18.87	100%	16.27	86%	6,324	1399	3,373,157	2,587	897	353,944	4,312	2845	3,769,176
148501	CRAHEN	GREENBRIER	GRW	16.43	16.43	100%	16.43	100%	3,667	384	146,548	0.000	0	0	5,000	314	438,179
024802	EASTON	HAYNOR	GVL	43.90	38.76	88%	38.76	88%	12,067	1377	501,634	5,297	685	290,997	7,946	887	215,913
030502	ORLEANS	ORLEANS	GVL	64.84	40.00	62%	26.05	40%	7,634	692	581,831	4,821	225	160,978	0.804	120	9,980
045301	BRICKER	BRICKER	GVL	81.96	36.81	45%	36.81	45%	13,025	1635	1,085,984	7,186	1029	277,323	2,695	198	126,232
045302	BRICKER	ELLIS	GVL	8.14	8.14	100%	8.14	100%	6,333	265	205,413	2,000	37	43,622	0.000	0	0
077101	STANTON	DICKERSON LA	GVL	33.44	33.44	100%	32.75	98%	18,934	1624	881,162	3,917	426	35,176	9,793	1109	1,934,014
095202	PECK ROAD	M-91	GVL	29.68	22.42	76%	22.42	76%	7,050	684	747,423	12,086	1141	535,425	23,417	1730	1,452,225
126702	TAMARACK	LAKEVIEW	GVL	54.94	32.00	58%	27.91	51%	5,588	1363	383,075	2,032	378	54,389	3,048	237	204,877
154301	HARVARD LAK	HARVARD LAK	GVL	101.89	56.30	55%	56.30	55%	23,392	2163	762,791	17,682	1454	383,266	17,682	1788	3,211,217
024902	BITTERSWEET	RIVER ROAD	HML	53.24	36.40	68%	36.40	68%	12,762	954	416,401	6,837	829	838,033	6,837	504	103,533
040902	MERSON	DUCK LAKE	HML	51.93	52.00	100%	52.00	100%	23,699	1844	1,101,617	12,000	825	445,046	14,000	1520	465,574
049801	FENNVILLE	PEACH BELT	HML	19.92	20.00	100%	6.61	33%	1,548	225	44,350	0.332	14	8,380	0.000	0	0
049802	FENNVILLE	COMMERCIAL	HML	68.18	22.66	33%	4.27	6%	0.752	56	16,496	0.501	61	106,987	0.125	4	336
051903	SAUGATUCK	SILVER LAKE	HML	63.17	63.00	100%	45.06	71%	16,882	2543	993,764	4,280	251	68,116	4,993	205	87,606
067302	MACATAWA	BEE LINE	HML	13.09	8.40	64%	8.40	64%	1,283	83	62,523	0.000	0	0	0.000	0	0
109801	PIGEON LAKE	PIGEON	HML	50.97	15.00	29%	1.42	3%	0.418	37	21,740	0.335	60	16,058	0.223	40	9,107
109802	PIGEON LAKE	OLIVE	HML	62.31	51.00	82%	51.00	82%	10,095	1779	638,467	0.818	11	1,268	5,729	73	13,126
110803	WILLIAMS	LINCOLN	HML	23.34	23.30	100%	23.30	100%	5,657	677	109,958	4,991	506	114,147	3,993	180	351,356
131202	BIL-MAR	PIERCE	HML	45.29	45.29	100%	28.42	63%	6,275	507	220,478	1,883	24	26,541	3,138	68	13,033
011001	HASTINGS	BROADWAY	HST	30.98	30.98	100%	30.98	100%	6,667	435	102,724	3,000	504	78,435	2,000	44	12,651
025302	NASHVILLE	NASHVILLE	HST	93.50	30.00	32%	30.00	32%	4,064	288	104,338	3,209	144	79,700	3,209	379	76,827
132201	BROGAN	BROGAN	HST	78.17	78.88	101%	28.93	37%	7,032	452	278,952	4,812	367	102,364	2,221	196	41,235
042101	LAKE LEANN	BUNDY HILL	JAC	62.96	64.10	102%	64.10	102%	10,520	234	97,090	7,000	308	94,796	24,000	606	761,751
060903	NAPOLEON	NORVELL	JAC	49.78	33.60	67%	33.60	67%	6,750	263	108,620	2,700	20	25,038	8,100	2425	1,254,004
063902	PARNALL	PARNALL ROAD	JAC	36.60	28.10	77%	28.10	77%	5,886	1304	134,885	6,142	2428	1,140,542	5,374	882	1,034,817
088502	BURTCH ROAD	WELCH LAKE	JAC	35.70	35.64	100%	35.64	100%	5,324	649	244,529	5,990	829	1,519,719	2,995	371	602,247
112802	GREGORY	UNADILLA	JAC	53.09	53.06	100%	3.05	6%	0.958	55	26,484	0.862	33	32,918	1,380	81	134,789
127901	CAMBRIDGE	SPEEDWAY	JAC	9.01	9.01	100%	9.01	100%	0.333	2	261	0.000	0	0	0.000	0	0
127903	CAMBRIDGE	INFIELD #1	JAC	0.67	0.67	100%	0.67	100%	0.000	0	0	0.000	0	0	0.000	0	0
129402	BROUGHWELL	ONONDAGA	JAC	68.29	68.04	100%	26.14	38%	3,317	217	80,561	1,914	56	12,642	6,889	194	452,454
129602	BLACKMAN	HURST	JAC	42.96	7.90	18%	7.90	18%	2,820	180	87,648	1,287	93	68,982	1,103	51	12,623
129603	BLACKMAN	MEIERS	JAC	13.55	13.60	100%	13.60	100%	0.669	258	279,906	1,000	52	140,391	0.000	0	0
129604	BLACKMAN	INDUSTRIAL	JAC	0.65	0.65	100%	0.65	100%	0.000	0	0	0.000	0	0	0.000	0	0
137202	BALZER	COMSTOCK	JAC	51.79	21.20	41%	21.20	41%	3,411	225	71,818	1,228	65	134,150	3,275	342	538,959
021201	PHILLIPS	ALCOTT	KAL	10.63	11.10	104%	11.10	104%	2,785	140	35,888	2,000	73	17,540	5,000	987	2,116,789
021203	PHILLIPS	MILLWOOD	KAL	7.54	5.40	72%	5.40	72%	0.239	6	425	2,149	544	629,757	2,149	290	387,941
021204	PHILLIPS	INKSTER	KAL	7.74	8.32	107%	8.32	107%	2,150	585	68,003	0.000	0	0	2,000	63	128,528
036902	COOLEY	NORTH STREET	KAL	7.58	3.50	46%	3.50	46%	0.308	81	5,884	0.000	0	0	0.000	0	0
063401	KILGORE	MILHAM	KAL	11.67	8.70	75%	8.70	75%	0.249	7	8,693	0.746	54	19,130	2,237	73	190,823
068602	PARKWAY	BALCH	KAL	2.21	0.10	5%	0.10	5%	0.030	2	1,203	0.045	1	304	0.000	0	0
068603	PARKWAY	VINE	KAL	7.77	0.10	1%	0.10	1%	0.026	3	1,152	0.013	0	59	0.013	30	2,251
075101	YORKVILLE	HIGHLAND PARK	KAL	17.46	17.46	100%	17.46	100%	10,000	407	144,133	6,000	118	23,269	5,000	105	22,556
091602	AMPERSEE	BORGESS	KAL	4.98	5.00	100%	5.00	100%	0.335	27	218	2,000	367	66,563	0.000	0	0
107202	ALAMO	PINE GROVE	KAL	124.31	65.11	52%	48.69	39%	16,320	1159	437,006	15,667	1841	1,094,581	12,925	1549	826,510
107203	ALAMO	OWEN	KAL	49.97	49.70	99%	40.37	81%	18,041	1067	724,091	13,733	1011	727,657	13,733	1953	2,750,961
139501	WARNER	MILO	KAL	119.14	60.38	51%	60.38	51%	20,948	1350	456,871	13,177	1347	454,301	16,218	4206	2,382,882
139502	WARNER	BURCHETT	KAL	72.76	49.98	69%	49.98	69%	18,318	3154	965,544	14,425	869	401,702	15,112	1887	4,719,531
149501	ELEVENTH STREET	BASELINE	KAL	55.48	44.00	79%	13.73	25%	3,629	271	82,574	3,712	513	145,935	3,464	254	511,851
026401	NORTH LANSING	VALLEY FARMS	LAN	34.15	21.50	63%	21.50	63%	1,469	66	61,235	1,889	125	17,375	0.630	300	89,353
069102	UNIVERSITY	HARRISON	LAN	6.53	6.53	100%	6.53	100%	0.667	212	149,858	1,000	77	257,958	2,000	335	906,332
081501	HARPER ROAD	ARENS	LAN	35.92	34.46	96%	33.39	93%	4,957	1156	327,358	3,718	275	311,864	19,518	3142	4,815,272
085701	COCHRAN	KALAMO	LAN	112.67	26.28	23%	12.00	11%	1,526	68	49,389	0.958	119	165,953	0,745	362	563,726
085802	BLUEWATER	SCOTT ROAD	LAN	77.38	1.70	2%	1.70	2%	0.212	19	5,552	0.176	11	6,904	0.220	6	3,667
114203	MASON	SOUTH STREET	LAN	15.06	15.06	100%	15.06	100%	1,333	575	755,622	8,000	1049	759,256	4,000	2393	3,325,856
129002	PEACOCK	COLEMAN ROAD	LAN	40.87	33.00	81%	29.11	71%	1,424	765	90,190	2,136	385	117,470	4,273	1041	386,196
135904	KIPP ROAD	COLLEGE ROAD	LAN	44.44													

Feeder ID	Substation	Circuit	HQ	Circuit Miles	2021 Work Plan Miles	Percent of Circuit to be Cleared	2021 Cleared Miles	Percent of the 2021 Circuit Miles Complete	Weighted Three-Year Average Incidents by Percent of Circuit Miles Completed	Weighted Three-Year Average Impacted Customers by Percent of Circuit Miles Completed	Weighted Three-Year Average Customer Minutes by Percent of Circuit Miles Completed	Weighted incidents by percent of circuit miles complete - 1st year post clear	Weighted impacted customers by percent of circuit miles complete - 1st year post clear	Weighted customer minutes by percent of circuit miles complete - 1st year post clear	Weighted incidents by percent of circuit miles complete - 2nd year post clear	Weighted impacted customers by percent of circuit miles complete - 2nd year post clear	Weighted customer minutes by percent of circuit miles complete - 2nd year post clear
119201	CHAUVEZ	PARK	LUD	12.21	11.94	98%	11.94	98%	4.563	621	205,334	3.912	411	64,764	4.889	464	111,304
119202	CHAUVEZ	PUMP STORAGE	LUD	1.77	1.77	100%	1.77	100%	0.000	0	0	0.000	0	0	0.000	0	0
004603	BULLOCK	PRAIRIE	MDL	14.85	11.34	76%	11.34	76%	6.364	500	263,687	1.527	40	25,473	2.291	241	83,818
011201	CAMELOT LAKE	COLEMAN	MDL	60.04	70.70	118%	45.16	75%	13.539	1365	872,490	1.504	472	43,224	2.257	716	130,641
072202	WALDO	LABORATORY	MDL	16.57	9.90	60%	2.91	18%	0.820	214	111,758	0.703	50	15,674	0.176	5	2,433
147802	JAMES SAVAGE	PATRICK	MDL	6.44	6.80	106%	5.41	84%	0.560	13	2,994	0.000	0	0	0.000	0	0
154602	PRICE ROAD	MERIDIAN	MDL	40.11	33.30	83%	27.09	68%	13.959	1634	915,358	4.053	714	197,116	3.377	259	60,785
017603	WESTERN AVE	WEST BUSINESS	MUS	7.42	7.72	104%	7.72	104%	2.081	206	73,769	1.000	79	19,093	0.000	0	0
025102	NORTH MUSKEG	DALTON	MUS	27.93	19.00	68%	6.86	25%	2.454	621	357,814	1.718	489	51,897	2.209	187	307,043
031801	EAST MUSKEG	MILL IRON	MUS	17.36	17.36	100%	17.36	100%	5.000	921	397,944	1.000	20	2,077	0.000	0	0
031803	EAST MUSKEG	QUARTERLINE	MUS	8.93	8.90	100%	8.90	100%	1.993	230	44,281	0.997	60	8,650	1.993	331	387,587
044201	MONTAGUE	DOWLING	MUS	24.25	13.00	54%	13.00	54%	3.931	577	110,043	0.000	0	0	1.608	275	503,827
047502	BECKER	GILES	MUS	58.98	48.15	82%	48.15	82%	14.423	2257	430,032	6.531	988	238,393	6.531	1629	932,090
051201	NESTROM	SCENIC DRIVE	MUS	52.57	52.00	99%	42.94	82%	14.430	1168	262,909	14.703	840	257,630	11.435	1032	1,049,645
061901	BROADWAY	PHILLIPS	MUS	17.49	17.49	100%	2.54	15%	0.775	171	25,639	0.000	0	0	0.582	107	134,041
067503	MCCRACKEN	LEON	MUS	9.49	9.49	100%	6.58	69%	3.468	763	225,604	1.387	49	13,869	0.694	568	830,653
084101	LOVEJOY	BRADEN	OWS	111.42	52.15	47%	52.15	47%	7.645	837	426,520	2.808	190	92,769	5.617	256	76,836
084102	LOVEJOY	DEERFIELD	OWS	94.32	61.20	65%	45.68	48%	5.489	346	200,323	0.969	32	9,567	4.359	342	64,357
017503	E GENESEE AVE	BAGLEY	SAG	8.00	4.53	57%	4.53	57%	0.000	0	0	0.000	0	0	0.000	0	0
021701	STATE STREET	MACKINAW	SAG	9.14	9.10	100%	9.10	100%	0.996	86	7,495	0.000	0	0	0.000	0	0
039301	NIAGARA	ADAMS	SAG	4.74	4.70	99%	4.70	99%	0.331	214	17,988	0.000	0	0	0.000	0	0
057702	JANES	WALNUT	SAG	6.74	7.15	106%	7.08	105%	1.050	39	8,016	0.000	0	0	0.000	0	0
057703	JANES	JANES	SAG	7.35	6.96	95%	6.96	95%	0.947	69	37,062	0.000	0	0	0.000	0	0
072402	THAYER	LUFKIN RULE	SAG	8.00	8.00	100%	7.41	93%	0.309	65	175,288	0.000	0	0	0.926	18	5,198
102601	TEFT RD	LAKEFIELD	SAG	47.03	14.00	30%	14.00	30%	2.580	78	58,292	1.488	74	8,653	0.893	30	7,580
144202	GEDDES	GEDDES	SAG	12.45	13.00	104%	13.00	104%	1.392	274	396,817	0.000	0	0	0.000	0	0
151501	BUSCH ROAD	CURTIS	SAG	47.96	0.20	0%	0.20	0%	0.075	7	2,314	0.021	0	65	0.013	0	11
151502	BUSCH ROAD	CANADA	SAG	30.03	6.00	20%	6.00	20%	2.264	214	218,942	1.199	29	6,682	0.599	148	73,041
007104	ERIE	PERE MARQUETTE	SMN	16.44	16.44	100%	16.44	100%	0.000	0	0	0.000	0	0	0.000	0	0
059401	TEMPERANCE	WOOD ROAD	SMN	38.76	13.15	34%	4.96	13%	1.067	121	47724	0.000	0	0	0.000	0	0
083502	JACKMAN	INDUSTRIAL	SMN	8.89	8.67	98%	8.67	98%	0.000	0	0	0.000	0	0	0.000	0	0
155802	SCHOOL ROAD	ST ANTHONY	SMN	25.60	25.08	98%	23.74	93%	4.019	151	36377	0.927	11	15621	7.419	502	615119
012001	LEELANAU	OMENA BAY	TRA	18.77	15.20	81%	15.20	81%	9.718	409	215733	6.478	672	25,4478	0.810	16	3343
053301	GLEN LAKE	BURDICKVILLE	TRA	43.83	33.00	75%	7.32	17%	3.339	157	93294	1.836	76	41955	0.835	43	15660
054601	ALDEN	TORCH	TRA	41.58	33.49	81%	33.49	81%	9.934	722	392992	3.222	169	37183	2.416	33	8410
055801	BELLAIRE	DOWNTOWN	TRA	21.82	21.82	100%	21.82	100%	13.333	793	330073	7.000	274	136948	3.000	37	5034
056901	NORTHPORT	LIGHTHOUSE	TRA	35.88	20.00	56%	20.00	56%	4.645	916	383861	5.017	495	415631	1.115	51	12516
056903	NORTHPORT	OMENA	TRA	9.59	4.40	46%	4.40	46%	1.988	161	122845	5.047	345	196210	0.918	112	11974
107703	CASS ROAD	CASS ROAD	TRA	12.77	11.60	91%	11.60	91%	0.000	0	0	0.000	0	0	0.000	0	0
004102	TAWAS	TAWAS	TWS	44.70	34.35	77%	34.35	77%	26.128	1382	659958	6.148	243	418785	5.379	261	70260
031202	LINCOLN	MIKADO	TWS	108.05	60.40	56%	60.40	56%	10.994	378	164265	11.739	1335	664406	2.236	80	14215
127001	RANGER LAKE	KOKOSING	TWS	41.32	42.90	104%	42.90	104%	17.304	2104	1012760	12.000	2324	1587220	5.000	828	141953
127501	EAST TAWAS	ALABASTER	TWS	45.18	44.70	99%	44.70	99%	12.532	1758	618954	6.926	580	226725	1.979	495	44493
020902	ST HELEN	ST HELEN	WBR	26.56	26.48	100%	20.98	79%	3.949	512	233600	3.159	145	150278	0.790	10	4796
033301	AU GRES	POINT LOOKOUT	WBR	49.68	44.32	89%	27.03	54%	9.431	271	244129	1.632	133	96127	1.088	41	12745
042302	GERRISH	GOLF CLUB	WBR	36.30	35.00	96%	35.00	96%	5.464	1421	488130	6.749	964	379718	0.964	298	39976
053501	PRESCOTT	MAPLE RIDGE	WBR	67.71	33.09	49%	26.91	40%	5.829	634	498245	3.577	664	586326	0.397	29	6619
053601	ROSE CITY	ISLAND LAKE	WBR	119.28	50.50	42%	14.39	12%	1.930	405	163590	3.498	601	521607	0.603	123	25765
112102	ABBE	CALDWELL	WBR	104.40	43.44	42%	40.16	38%	6.924	352	199211	4.231	196	112355	0.769	60	16786
122101	WIRTZ ROAD	BOWMANVILLE	WBR	33.13	3.10	9%	3.10	9%	1.216	109	53729	0.936	125	234766	0.281	27	3556
129901	ROSCOMMON	SOUTH BRANCH	WBR	31.90	27.75	87%	14.49	45%	3.179	309	116521	3.633	222	80783	0.000	0	0
140401	ALGER	SKIDWAY	WBR	130.78	19.36	15%	11.35	9%	5.209	712	574932	3.386	316	284132	2.865	461	69629
140402	ALGER	FOREST LAKE	WBR	117.20	103.77	89%	103.77	89%	27.153	2651	2543350	15.052	1970	1015884	3.542	541	142359
141202	BACKUS	MAPLE VALLEY	WBR	60.35	48.35	80%	48.35	80%	13.887	743	492896	8.012	1152	328943	3.205	647	128167

Feeder ID	Substation	Circuit	HQ	Circuit Miles	2022 Plan Miles as of 10/30/2022	Percent of 2022 Circuit Miles to be cleared	2022 Completed Miles as of 10/30/2022	Percent of 2022 Circuit Miles Complete	Weighted Three-Year Average Incidents by Percent of Circuit Miles Completed	Weighted Three-Year Average Impacted Customers by Percent of Circuit Miles Completed	Weighted Three-Year Average Customer Minutes by Percent of Circuit Miles Completed	Weighted incidents by percent of circuit miles complete - 1st year post clear	Weighted impacted customers by percent of circuit miles complete - 1st year post clear	Weighted customer minutes by percent of circuit miles complete - 1st year post clear
035801	FRONTIER	RANSOM	ADR	72.24	72.60	100%	72.60	100%	6.030	401	148,553	8.000	1692	6,715,614
038001	FAIRFIELD	JASPER	ADR	45.66	45.72	100%	34.25	75%	2.000	112	172,071	4.501	524	306,425
063002	DEERFIELD	BUCHOLTZ	ADR	29.90	27.00	90%	26.55	89%	0.592	52	20,870	1.776	363	298,905
102501	ROUND LAKE	ASPHALT	ADR	15.77	15.76	100%	4.02	26%	1.105	50	13,879	2.805	250	770,218
102502	ROUND LAKE	ROUND LAKE	ADR	8.36	8.37	100%	8.37	100%	2.002	200	695,895	3.000	108	461,274
000201	MT PLEASANT	COLLEGE	ALM	15.43	0.20	1%	0.20	1%	0.035	5	1,503	0.000	0	0
000202	MT PLEASANT	BROADWAY	ALM	53.90	53.98	100%	0.20	0%	0.040	4	2,003	0.026	2	293
000602	SHEPHERD	FOREST HILL	ALM	73.42	73.42	100%	73.42	100%	11.667	1412	557,932	0.000	0	0
015501	JEROME ROAD	STATE STREET	ALM	11.71	0.60	5%	0.60	5%	0.102	5	1,896	0.102	4	969
020103	EDMORE	CEDAR LAKE	ALM	28.14	28.14	100%	28.14	100%	5.667	1465	550,522	2.000	27	2,373
038301	GROVER	TRIANGLE	ALM	45.15	37.50	83%	37.50	83%	7.475	315	72,926	0.000	0	0
012501	CHENEY	CHENEY	BCK	0.01	0.01	100%	0.01	100%	0.000	0	0	0.000	0	0
031002	DUCK LAKE	DUCK LAKE	BCK	44.37	44.58	100%	9.71	22%	1.970	89	126,775	0.219	1	181
053101	PENNFIELD	CLEAR LAKE	BCK	9.47	9.48	100%	9.48	100%	3.003	294	714,726	0.000	0	0
053102	PENNFIELD	PENNFIELD	BCK	46.47	46.48	100%	43.78	94%	19.155	495	456,123	13.188	398	78,156
064201	TEKONSHA	TEKONSHA	BCK	81.69	76.80	94%	62.35	76%	19.335	694	723,970	8.395	806	820,561
076402	BEDFORD	HALBERT	BCK	18.28	18.30	100%	18.30	100%	6.340	237	155,840	3.000	133	391,497
085602	FORT CUSTER	HARMONIA	BCK	15.20	15.21	100%	15.21	100%	1.001	176	15,512	0.000	0	0
101202	BARNUM CREEK	6 MILE	BCK	4.33	4.33	100%	4.22	98%	0.000	0	0	0.000	0	0
101203	BARNUM CREEK	VILLAGE	BCK	5.58	5.74	103%	5.74	103%	2.057	52	24,592	0.000	0	0
108202	GOODALE	IRVING PARK	BCK	2.51	2.51	100%	2.51	100%	0.334	60	13,897	0.000	0	0
110401	BELLEVUE	ASSYRIA	BCK	90.64	43.96	48%	43.96	48%	14.388	894	848,067	2.910	108	203,288
125603	SPRINGFIELD	UPTON	BCK	9.24	9.24	100%	9.24	100%	2.000	260	51,999	0.000	0	0
133902	WATKINS	HAMILTON	BCK	18.36	18.36	100%	18.36	100%	9.000	1130	1,824,314	5.000	352	677,094
133903	WATKINS	KNAPP	BCK	22.58	22.60	100%	22.60	100%	10.676	515	640,490	3.000	45	33,399
090401	KIESEL	WILDER	BCY	6.89	6.89	100%	6.89	100%	1.000	15	5,325	0.000	0	0
127601	COTTAGE GROVE	PREVO	BCY	128.90	74.04	57%	74.04	57%	15.317	1535	1,129,919	0.000	0	0
127602	COTTAGE GROVE	HURON	BCY	52.20	52.20	100%	47.53	91%	8.194	649	933,779	4.552	570	107,211
027401	CONKLIN PARK	HOLLY	BIG	52.97	32.60	62%	31.51	59%	9.517	479	174,686	31.524	1715	1,579,544
032402	HOWARD CITY	MORLEY	BIG	54.98	52.97	96%	52.36	95%	16.825	1754	924,925	15.238	1942	1,629,763
048502	RODNEY	RODNEY	BIG	98.74	48.00	49%	32.87	33%	8.765	1159	828,968	2.663	238	51,795
048204	CHEBOYGAN	ALVERNO	BNC	46.74	1.30	3%	1.30	3%	0.297	21	21,275	0.083	3	571
051802	INDIAN RIVER	TOPINABEE	BNC	35.53	35.52	100%	35.52	100%	7.665	1152	409,753	1.000	82	10,697
065702	EAST JORDAN	IRONTON	BNC	37.92	38.10	100%	27.69	73%	9.981	1715	686,982	0.730	7	863
087701	BAGLEY	ALPINE	BNC	1.45	1.45	100%	1.45	100%	0.667	7	792	0.000	0	0
162202	FLETCHER	BAY VIEW	BNC	21.29	21.30	100%	21.30	100%	2.668	161	81,828	0.000	0	0
167902	MURNER	ASPEN	BNC	27.96	17.10	61%	17.10	61%	0.612	52	95,374	0.000	0	0
061704	FRANKFORT	GATEWAY	BNZ	27.08	6.17	23%	2.26	8%	1.472	73	47,566	0.167	1	220
161202	HIGH BRIDGE	KALEVA	BNZ	15.99	16.22	101%	15.90	99%	2.652	307	112,067	1.989	243	27,428
063602	LAKE CITY	STITTSVILLE	CAD	210.27	122.26	58%	122.26	58%	20.738	1814	749,523	2.326	720	54,737
071001	MESICK	SHERMAN	CAD	133.35	103.58	78%	103.53	78%	18.892	2126	805,470	3.882	107	21,116
113402	HARING	FAIRGROUND	CAD	9.47	9.53	101%	9.53	101%	0.000	0	0	0.000	0	0
001302	CENTREVILLE	INDUSTRIAL	CLD	82.97	48.84	59%	48.38	58%	16.911	1389	1,557,700	5.248	1300	312,114
008801	QUINCY	BLACKHAWK	CLD	74.39	74.47	100%	0.12	0%	0.030	4	4,331	0.009	1	753
014901	BURR OAK	DOUGLAS	CLD	76.05	33.60	44%	33.60	44%	6.480	422	954,793	5.744	363	197,896
014902	BURR OAK	INDUSTRIAL	CLD	77.70	77.76	100%	77.76	100%	21.683	1508	1,574,707	37.000	1591	1,098,995
083801	CARLETON ROAD	BECK ROAD	CLD	38.92	12.30	32%	12.30	32%	5.583	249	263,000	5.373	101	205,688
086801	KOLASSA	KOSMERICK	CLD	107.47	46.38	43%	46.17	43%	8.735	499	290,789	5.585	491	129,383
030402	WEIDMAN	WEIDMAN	CLR	51.07	51.12	100%	51.12	100%	7.674	343	347,659	1.000	3	555
072901	EIGHT POINT	WHITE BIRCH	CLR	101.27	72.42	72%	52.37	52%	13.617	1812	906,799	3.103	241	47,996
077001	CURTIS	MAGRUDDER	CLR	49.28	10.50	21%	10.50	21%	4.332	304	105,318	0.639	14	1,461
082401	DALE ROAD	M-18	CLR	27.90	27.90	100%	27.75	99%	14.590	566	304,205	0.000	0	0
005701	CLIO	MILL STREET	FLI	19.98	19.98	100%	19.98	100%	7.667	368	339,992	1.000	13	33,709
022405	CALKINS	DYE ROAD	FLI	15.25	15.55	102%	15.55	102%	0.000	0	0	1.000	35	30,132
039003	SLOAN	LONGFELLOW	FLI	14.39	10.39	72%	5.44	38%	1.008	111	36,879	0.000	0	0
039801	SWARTZ CREEK	MORRISH ROAD	FLI	19.06	3.30	17%	3.30	17%	0.404	14	10,691	0.000	0	0
054001	MT MORRIS	NEFF ROAD	FLI	25.48	18.80	74%	18.80	74%	1.722	666	457,617	0.000	0	0
055104	DAVISON	CLARK STREET	FLI	27.11	27.06	100%	3.36	12%	0.124	1	1,603	0.248	12	2,618
058003	GENESEVILLE	PINWOOD	FLI	18.86	18.86	100%	18.86	100%	2.667	767	271,102	0.000	0	0
058604	LEITH STREET	WESTERN ROAD	FLI	17.55	17.55	100%	17.55	100%	3.999	424	299,413	0.000	0	0
069803	HOGAN ROAD	MCCASLIN LAKE	FLI	37.00	37.00	100%	19.65	53%	3.186	795	374,614	2.655	40	59,512
070001	DEAN ROAD	KELSEY-HAYES	FLI	41.72	2.40	6%	2.35	6%	0.601	60	35,215	0.000	0	0
070002	DEAN ROAD	SHANNON LAKE	FLI	59.77	59.77	100%	59.77	100%	13.667	1456	2,763,123	4.000	2492	432,321

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070003	DEAN ROAD	HOGAN	FLI	72.32	63.38	88%	21.92	30%	3.839	222	209,846	3.637	165	71,900
070004	DEAN ROAD	PARSHALLVILL	FLI	53.46	1.50	3%	1.50	3%	0.496	24	38,009	0.168	6	13,402
084201	STACEY	PIONEER	FLI	51.22	5.70	11%	5.70	11%	0.185	46	7,675	0.111	5	1,278
106502	FOURTNTH ST	LIPPINCOTT ST	FLI	9.65	3.30	34%	3.24	34%	0.448	26	11,153	0.336	7	4,473
115901	BALLENGER	TACKEN	FLI	14.79	14.78	100%	14.78	100%	0.333	14	1,168	0.999	887	521,081
122703	STEEL DRIVE	OWEN ROAD	FLI	15.23	15.23	100%	15.15	100%	0.332	34	187,876	0.995	103	272,072
149801	WEST FENTON	PARKWAY	FLI	11.32	5.00	44%	5.00	44%	0.147	157	33,976	0.000	0	0
163602	FIELD ROAD	FARRAND	FLI	28.79	28.79	100%	28.79	100%	5.667	522	189,624	1.000	25	76,438
123601	BAILEY	BAILEY	FRE	32.96	1.70	5%	1.70	5%	1.066	58	21,409	0.052	1	49
163101	BUTTERFIELD	M-82	FRE	34.20	14.45	42%	6.46	19%	2.769	275	106,565	1.699	9	9,433
163102	BUTTERFIELD	LINDEN	FRE	35.57	8.79	25%	8.79	25%	3.460	822	245,689	1.977	325	104,838
074601	FULTON	ALTA DALE	GRE	18.74	18.79	100%	18.79	100%	2.674	522	315,967	1.000	108	149,722
074602	FULTON	RIPPLING	GRE	22.87	22.93	100%	18.91	83%	4.133	333	205,296	4.133	925	1,968,018
093403	CALVIN	FOREST HILLS	GRE	16.74	16.74	100%	16.74	100%	1.667	51	97,928	0.000	0	0
093404	CALVIN	WOODCLIFF	GRE	16.20	3.70	23%	3.70	23%	1.294	175	82,018	0.228	17	2,320
135201	FOREMAN	VERGENNES	GRE	72.53	7.85	11%	7.85	11%	2.670	171	199,382	3.030	171	155,803
028301	CEDAR SPRING	NELSON	GRN	88.12	55.98	64%	55.98	64%	16.729	2045	1,578,266	6.353	313	200,758
028302	CEDAR SPRING	EDGERTON	GRN	78.69	78.97	100%	41.68	53%	9.356	1390	897,164	2.648	194	196,599
039504	ROCKFORD	SUMMIT	GRN	55.39	54.00	97%	54.00	97%	16.898	1507	865,554	10.724	2497	446,953
043302	FOUR MILE	CORDES	GRN	19.52	18.90	97%	14.52	74%	0.248	1	104	2.232	2109	742,797
050303	NORTH PARK	HILLTOP	GRN	6.26	6.25	100%	6.25	100%	1.997	427	151,977	2.995	1068	1,921,433
081804	ALPINE	ALPINE	GRN	30.15	24.00	80%	24.00	80%	7.164	417	226,877	0.796	6	17,956
135602	CANNONSBUR	GRASS LAKE	GRN	21.93	22.00	100%	22.00	100%	6.019	815	1,179,713	8.000	429	187,355
160401	RATIGAN	GREELEY	GRN	42.20	17.00	40%	10.02	24%	6.886	263	370,438	4.274	115	386,810
015901	BERMANSTEL	BERMAN	GRW	0.04	0.04	100%	0.04	100%	0.000	0	0	0.000	0	0
017002	HARVEY STREET	DIAMOND	GRW	10.19	10.23	100%	10.23	100%	1.004	27	47,482	0.000	0	0
017003	HARVEY STREET	HEIGHTS	GRW	5.87	5.87	100%	5.87	100%	0.667	34	11,649	0.000	0	0
017004	HARVEY STREET	CORRECTION	GRW	6.89	6.91	100%	6.91	100%	1.003	22	2,325	0.000	0	0
017005	HARVEY STREET	SUNSHINE	GRW	9.32	9.39	101%	8.84	95%	0.316	356	1,053,624	0.000	0	0
023503	BEALS ROAD	CLYDE PARK	GRW	20.30	20.30	100%	20.30	100%	0.333	11	5,245	2.000	361	91,285
023504	BEALS ROAD	EXPRESSWAY	GRW	8.64	8.64	100%	8.64	100%	1.333	39	4,387	0.000	0	0
023506	BEALS ROAD	ALGER	GRW	12.21	12.21	100%	12.21	100%	2.333	254	113,968	0.000	0	0
023507	BEALS ROAD	DIVISION ROAD	GRW	7.06	1.50	21%	1.50	21%	0.212	8	858	0.000	0	0
024104	DOEHLER JARV	COTTAGE GRO	GRW	2.17	2.17	100%	2.17	100%	0.333	13	692	0.000	0	0
031304	RIVERTOWN	POTOMAC	GRW	17.76	17.76	100%	17.76	100%	0.000	0	0	0.000	0	0
031701	ABERDEEN	KNAPP	GRW	16.18	8.50	53%	8.50	53%	1.051	87	176,112	1.051	557	911,624
032502	BOSTON SQUARE	KALAMAZOO	GRW	7.10	7.10	100%	7.10	100%	1.333	892	1,057,412	0.000	0	0
033102	VAN BUREN	MOSS LAKE	GRW	9.55	9.62	101%	8.86	93%	4.328	697	465,690	0.927	16	12,167
041101	KELLOGGSVILLE	HOME ACRES	GRW	11.54	11.60	101%	5.60	49%	0.162	142	7,206	0.485	12	3,140
041103	KELLOGGSVILLE	CHEMICAL	GRW	3.48	3.48	100%	3.48	100%	0.333	193	29,890	0.000	0	0
049203	HASKELITE	ANN STREET	GRW	5.35	5.35	100%	5.35	100%	0.333	9	38,307	2.000	1244	503,800
049904	STANDALE	INDUSTRIAL	GRW	7.05	7.07	100%	7.07	100%	0.669	102	22,971	0.000	0	0
051502	DUTTON	GLENWOOD	GRW	28.00	28.07	100%	28.07	100%	1.337	361	65,154	0.000	0	0
054802	LEONARD	TAYLOR	GRW	10.14	10.14	100%	10.14	100%	1.333	89	133,865	0.000	0	0
054804	LEONARD	NEWBERRY	GRW	3.73	3.73	100%	2.92	78%	0.000	0	0	0.000	0	0
056802	RAMONA	BLODGETT	GRW	6.22	6.35	102%	4.32	69%	1.156	201	96,353	0.694	24	2,581
058801	CHICAGO	CHICAGO	GRW	28.07	28.50	102%	28.50	102%	0.338	11	14,496	1.000	64	2,602
070601	BOWEN	AIRCRAFT	GRW	8.57	8.57	100%	8.57	100%	0.333	10	1,619	1.000	86	3,931
070603	BOWEN	BLOSSOM	GRW	8.68	8.68	100%	8.26	95%	0.000	0	0	0.000	0	0
077401	DEWEY	WIDDICOMB	GRW	5.30	5.30	100%	5.30	100%	0.000	0	0	0.000	0	0
085901	IVANREST	RAMBLE	GRW	22.19	22.19	100%	12.54	57%	0.188	222	125,380	0.000	0	0
092601	ANN STREET	FISH BODY	GRW	0.02	0.02	100%	0.02	100%	0.000	0	0	0.000	0	0
095302	STONEGATE	CHRISTIAN	GRW	12.71	12.69	100%	12.69	100%	0.333	422	20,065	0.000	0	0
103503	KNAPP	PERKINS	GRW	18.87	2.60	14%	2.37	13%	0.754	191	491,536	0.628	415	549,269
124204	BRETON	PLYMOUTH	GRW	14.97	14.98	100%	14.98	100%	3.002	326	461,472	0.000	0	0
152309	SINCLAIR	HERITAGE HILL	GRW	5.57	5.55	100%	4.75	85%	0.000	0	0	0.852	1450	157,692
014502	GREENVILLE	WASHINGTON	GVL	44.93	14.00	31%	0.07	0%	0.027	3	2,037	0.036	3	2,884
024801	EASTON	PARMETER	GVL	49.58	42.12	85%	42.12	85%	10.761	839	1,108,040	7.646	150	56,495
030502	ORLEANS	ORLEANS	GVL	64.84	39.53	61%	38.63	60%	11.120	833	909,975	1.191	178	14,798
049102	CRYSTAL	CRYSTAL ROAD	GVL	45.35	35.37	78%	29.54	65%	10.206	611	409,023	2.606	237	263,505
077101	STANTON	DICKERSON LA	GVL	33.44	0.70	2%	0.36	1%	0.196	18	10,614	0.107	12	21,164
126702	TAMARACK	LAKEVIEW	GVL	54.94	26.68	49%	26.68	49%	5.827	1037	553,484	2.914	227	195,846
137804	SANDERSON	M-57	GVL	82.15	82.28	100%	79.52	97%	29.038	2646	1,461,913	4.840	175	19,740

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153001	HUBBARDSTON	HUBBARDSTON	GVL	37.88	37.88	100%	37.75	100%	11.295	1047	772,639	0.000	0	0
018502	PULLMAN	PULLMAN	HML	38.72	18.00	46%	6.22	16%	2.356	150	69,585	0.642	62	19,976
049801	FENNVILLE	PEACH BELT	HML	19.92	13.40	67%	13.40	67%	2.242	162	44,477	0.000	0	0
049802	FENNVILLE	COMMERCIAL	HML	68.18	68.16	100%	68.16	100%	16.329	886	525,545	1.999	71	5,356
051903	SAUGATUCK	SILVER LAKE	HML	63.17	17.90	28%	17.90	28%	5.573	1091	464,273	1.984	81	34,800
109801	PIGEON LAKE	PIGEON	HML	50.97	50.99	100%	50.99	100%	19.341	2170	967,184	8.000	1440	326,561
123702	WILMOTT	PARKER	HML	0.23	0.23	100%	0.22	94%	0.000	0	0	0.000	0	0
131202	BIL-MAR	PIERCE	HML	45.29	16.90	37%	16.90	37%	3.607	302	194,323	1.866	41	7,750
154102	BLUE STAR	GANGES	HML	27.80	4.00	14%	4.00	14%	1.775	185	89,283	0.144	14	2,131
048301	AUBIL LAKE	TOWERS	HST	92.34	41.52	45%	41.52	45%	5.845	642	214,056	1.349	170	167,547
132201	BROGAN	BROGAN	HST	78.17	50.00	64%	34.03	44%	11.318	711	395,525	2.612	231	48,496
025903	HANOVER	HANOVER	JAC	41.44	38.76	94%	12.73	31%	5.630	372	577,393	3.378	120	48,455
031901	BRIDGE STREET	HUPP AVENUE	JAC	6.09	6.12	100%	6.12	100%	0.670	110	26,399	0.000	0	0
088203	CARY ROAD	MOSCOW	JAC	59.24	54.23	92%	40.51	68%	16.414	1147	1,216,881	8.207	1172	864,923
088204	CARY ROAD	JEFFERSON	JAC	25.70	25.09	98%	0.40	2%	0.130	4	3,662	0.078	1	2,459
112802	GREGORY	UNADILLA	JAC	53.09	50.00	94%	50.00	94%	19.778	1108	1,199,256	22.603	1335	2,207,810
129402	BROUGHWELL	ONONDAGA	JAC	68.29	41.90	61%	41.90	61%	5.931	372	160,814	11.044	310	725,344
101802	COLONY FARM	CEMETERY	KAL	5.87	5.87	100%	5.87	100%	2.333	266	99,786	5.000	481	1,287,082
107202	ALAMO	PINE GROVE	KAL	124.31	73.33	59%	66.66	54%	29.673	2489	1,209,345	17.697	2121	1,131,623
107203	ALAMO	OWEN	KAL	49.97	9.30	19%	8.05	16%	5.156	282	187,130	2.739	390	548,761
122901	PLAINWELL	COMMERCIAL	KAL	36.93	37.42	101%	11.25	30%	4.771	384	104,431	2.436	220	256,333
122902	PLAINWELL	HEIGHTS	KAL	28.69	38.31	134%	29.51	103%	7.200	1036	233,772	5.000	197	24,914
137303	TWILIGHT	RICHLAND FAR	KAL	12.09	12.09	100%	12.06	100%	2.992	357	67,959	1.995	31	67,693
139502	WARNER	BURCHETT	KAL	72.76	30.51	42%	25.58	35%	9.491	1242	418,092	7.733	966	2,415,077
149501	ELEVENTH ST	BASELINE	KAL	55.48	30.30	55%	29.71	54%	10.352	782	325,498	7.496	549	1,107,626
002601	ST JOHNS	CITY	LAN	15.00	15.00	100%	15.00	100%	1.667	121	26,976	1.000	366	1,334,563
009007	CHARLOTTE	WATER WORK	LAN	10.74	10.74	100%	10.74	100%	0.333	19	3,957	0.000	0	0
025803	DEWITT	GENEVA LAKE	LAN	40.22	40.49	101%	0.52	1%	0.052	18	5,861	0.013	0	2,108
060401	OKEMOS	WKAR	LAN	17.60	17.61	100%	9.10	52%	0.517	20	4,856	0.517	557	1,298,416
060402	OKEMOS	FERGUSON PA	LAN	12.99	12.75	98%	12.75	98%	2.945	721	280,085	1.963	103	81,420
069101	UNIVERSITY	UNIVERSITY	LAN	0.03	0.03	100%	0.03	100%	0.000	0	0	0.000	0	0
081501	HARPER ROAD	ARENS	LAN	35.92	1.10	3%	1.09	3%	0.192	34	7,151	0.638	103	157,288
085701	COCHRAN	KALAMO	LAN	112.67	55.98	50%	52.58	47%	7.466	398	229,663	3.266	1586	2,470,161
100602	RED CEDAR	NORTHWIND	LAN	6.64	6.64	100%	6.64	100%	0.667	21	30,253	1.000	30	24,593
129002	PEACOCK	COLEMAN RO	LAN	40.87	3.90	10%	3.90	10%	0.286	183	25,052	0.573	140	51,748
133504	TALLMAN	EAGLE	LAN	50.53	51.39	102%	50.67	100%	12.702	1630	510,450	13.000	509	835,166
036202	WASHINGTON	MADISON	LUD	8.22	8.19	100%	8.19	100%	2.325	134	103,301	0.000	0	0
054402	ORIOLE	LAKEVIEW	LUD	6.12	6.13	100%	3.27	53%	0.534	22	42,207	1.603	151	21,844
058301	BASS LAKE	CARTER	LUD	15.84	15.84	100%	15.84	100%	3.667	444	711,608	0.000	0	0
071101	SCOTTVILLE	SCOTTVILLE	LUD	48.18	48.65	101%	48.65	101%	10.771	2265	1,112,399	3.000	1158	281,012
073202	DONTZ ROAD	KOTT ROAD	LUD	20.87	10.80	52%	10.80	52%	4.140	230	86,711	0.517	4	165
078301	FOX FARM	LINKE	LUD	37.81	41.37	109%	37.02	98%	5.875	1281	452,055	1.958	333	24,331
004502	LARKIN	EASTMAN	MDL	19.31	10.28	53%	9.85	51%	1.701	868	267,502	0.000	0	0
011201	CAMELOT LAKE	COLEMAN	MDL	64.20	25.50	40%	25.50	40%	8.474	671	522,123	1.192	378	68,987
038101	STARKS	HOMER	MDL	33.09	33.09	100%	32.82	99%	19.508	1299	609,356	5.952	160	52,793
038102	STARKS	LEE	MDL	74.55	74.55	100%	49.74	67%	20.237	1157	885,670	5.337	217	65,440
053402	MIDLAND	COMMERCIAL	MDL	1.42	1.42	100%	1.42	100%	2.000	294	129,504	0.000	0	0
147802	JAMES SAVAGE	PATRICK	MDL	6.44	1.40	22%	1.40	22%	0.217	5	2,833	0.000	0	0
154602	PRICE ROAD	MERIDIAN	MDL	40.11	14.30	36%	14.21	35%	8.268	747	500,355	1.772	136	31,886
014301	SPRING LAKE	SPRING LAKE	MUS	18.21	18.22	100%	18.22	100%	1.668	311	225,823	2.000	334	48,961
014302	SPRING LAKE	COUNTRY CLUB	MUS	15.10	10.10	67%	10.10	67%	4.905	576	183,830	0.000	0	0
025102	NORTH MUSKEG	DALTON	MUS	27.93	19.03	68%	17.29	62%	6.190	1364	826,198	5.571	470	774,377
031802	EAST MUSKEG	SHERIDAN	MUS	20.40	21.00	103%	20.90	102%	5.804	1267	806,380	3.000	107	171,151
033401	NORGE MACH	LINCOLN	MUS	7.46	5.90	79%	5.66	76%	0.506	272	128,602	0.759	654	958,962
033402	NORGE MACH	EDGEWATER	MUS	9.10	9.00	99%	4.23	46%	0.774	289	159,995	0.464	257	3,028
035001	FRUITPORT	FRUITPORT	MUS	24.53	24.58	100%	24.58	100%	6.346	622	167,340	0.000	0	0
041303	TERRACE	SPRING	MUS	8.70	8.10	93%	8.10	93%	0.000	0	0	0.000	0	0
051201	NESTROM	SCENIC DRIVE	MUS	52.57	9.10	17%	9.10	17%	2.423	212	45,286	2.423	219	222,445
060702	GETTY	ALLEN	MUS	9.80	9.82	100%	7.64	78%	0.260	15	5,725	0.000	0	0
061901	BROADWAY	PHILLIPS	MUS	17.49	15.00	86%	14.89	85%	3.689	918	156,115	3.405	629	784,778
067503	MCCRACKEN	LEON	MUS	9.49	2.90	31%	2.90	31%	1.426	226	107,072	0.306	250	365,927
077603	KEATING	MUS	MUS	1.72	1.86	108%	1.86	108%	1.081	55	38,893	0.000	0	0
006703	OWOSSO	OAKWOOD	OWS	4.67	2.58	55%	2.58	55%	0.000	0	0	0.000	0	0

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036302	CORUNNA	VITRIFIED TILE	OWS	5.33	5.37	101%	4.27	80%	0.000	0	0	0.000	0	0
084102	LOVEJOY	DEERFIELD	OWS	94.32	50.96	54%	46.85	50%	7.948	536	391,712	4.471	351	66,015
002902	S WASHINGTON	HOYT STREET	SAG	6.39	6.39	100%	6.39	100%	1.000	22	7,325	0.000	0	0
017501	E GENESEE AV	OUTER DR	SAG	14.70	14.70	100%	14.70	100%	3.000	123	127,154	0.000	0	0
017502	E GENESEE	GENESEE	SAG	15.51	15.51	100%	15.51	100%	0.000	0	0	0.000	0	0
017503	E GENESEE AV	BAGLEY	SAG	8.00	4.54	57%	4.54	57%	0.189	0	131	0.000	0	0
033902	BURROWS	BURROWS	SAG	7.57	7.62	101%	7.62	101%	1.342	381	122,552	0.000	0	0
033903	BURROWS	GRATIOT	SAG	16.62	14.57	88%	14.35	86%	3.167	924	215,784	0.864	179	70,775
035203	CARROLLTON	ZILWAUKEE	SAG	2.25	1.75	78%	1.31	58%	0.194	62	24,482	0.000	0	0
057702	JANES	WALNUT	SAG	6.74	0.10	1%	0.10	1%	0.010	1	106	0.000	0	0
072401	THAYER	RIVER	SAG	15.12	15.22	101%	3.68	24%	0.568	35	27,711	0.000	0	0
072402	THAYER	LUFKIN RULE	SAG	8.00	0.60	8%	0.60	8%	0.025	5	14,198	0.075	1	421
102602	TEFT RD	GRAHAM	SAG	15.03	15.03	100%	14.84	99%	7.570	411	467,077	0.000	0	0
059401	TEMPERANCE	WOOD ROAD	SMN	38.76	20.30	52%	20.16	52%	4.509	306	176,091	0.000	0	0
097702	STERNS ROAD	POINT PLACE	SMN	45.94	45.96	100%	45.96	100%	4.002	429	195,042	6.000	910	1,233,539
155802	SCHOOL ROAD	ST ANTHONY	SMN	25.60	1.40	5%	1.39	5%	0.272	26	16,285	0.435	29	36,039
053301	GLEN LAKE	BURDICKVILLE	TRA	43.83	36.53	83%	31.34	72%	15.017	739	761,976	3.575	186	67,081
109302	SCHUSS MT	CHALET	TRA	31.14	31.14	100%	31.14	100%	0.000	0	0	0.000	0	0
008001	ALCONA DAM	GLENNIE	WBR	104.47	62.10	59%	45.90	44%	19.330	1798	1,367,544	4.393	528	305,588
020902	ST HELEN	ST HELEN	WBR	26.56	5.50	21%	5.50	21%	1.104	129	74,444	0.207	3	1,257
033301	AU GRES	POINT LOOK-O	WBR	49.68	17.30	35%	17.30	35%	5.572	144	113,816	0.696	26	8,157
040801	OSCODA	OSCODA	WBR	12.23	12.24	100%	12.24	100%	1.334	165	45,075	0.000	0	0
053501	PRESOTT	MAPLE RIDGE	WBR	67.84	6.20	9%	6.20	9%	1.188	75	72,396	0.091	7	1,522
053601	ROSE CITY	ISLAND LAKE	WBR	119.40	36.10	30%	36.00	30%	5.729	1239	541,880	1.508	308	64,413
071801	BLAIR	BLAIR	WBR	0.05	0.05	100%	0.05	100%	0.000	0	0	0.000	0	0
112102	ABBE	CALDWELL	WBR	104.40	32.10	31%	32.10	31%	5.227	175	81,622	0.615	48	13,418
112103	ABBE	HWY 33	WBR	85.91	11.43	13%	11.43	13%	3.326	381	236,925	0.798	110	12,408
126301	SPRUCE ROAD	EAST BAY	WBR	69.27	39.00	56%	37.42	54%	10.624	1059	977,136	1.080	31	4,928
127002	RANGER LAKE	GOODAR	WBR	59.31	59.00	99%	58.94	99%	16.895	2580	1,583,136	3.975	204	45,086
127402	DUQUITE	JOHNSFIELD	WBR	46.23	46.26	100%	46.26	100%	15.677	412	281,158	0.000	0	0
129901	ROSCOMMON	SOUTH BRANC	WBR	31.90	17.45	55%	17.45	55%	4.194	273	116,686	0.000	0	0
129902	ROSCOMMON	PIONEER	WBR	115.64	71.64	62%	68.64	59%	11.278	885	474,827	4.749	211	50,527
140401	ALGER	SKIDWAY	WBR	130.78	50.83	39%	50.83	39%	24.486	3810	2,679,649	12.826	2065	311,728
141201	BACKUS	SPRINGBROOK	WBR	116.15	56.20	48%	41.36	36%	10.208	2061	1,216,738	2.493	846	138,011
145102	NOBLE	WHITNEY	WBR	42.68	35.77	84%	20.91	49%	6.206	1201	622,127	3.919	1477	916,738
156601	TURNER	GATES	WBR	68.75	68.75	100%	68.75	100%	22.000	702	426,938	2.000	51	3,399

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003901	MAUMEE	MAPLE ST	ADR	15.50	15.47	100%	15.47	100%	1.996	239	559930
003902	MAUMEE	LENAWEE ST	ADR	14.58	14.55	100%	14.55	100%	1.331	728	197390
013403	TECUMSEH	BRITTON	ADR	24.16	24.20	100%	24.20	100%	2.000	1943	439328
037702	WAMPLERS	WAMPLERS	ADR	38.23	45.72	100%	45.54	100%	5.000	1860	1722390
041801	NORTH ADAMS	JEROME	ADR	68.71	68.69	100%	42.46	62%	3.914	157	175916
042901	BLISSFIELD	SUGAR MILL	ADR	16.46	0.76	5%	0.30	2%	0.000	0	0
102102	LOCH ERIN	KINGSLEY	ADR	7.79	7.74	99%	7.51	96%	1.286	92	258976
102501	ROUND LAKE	ASPHALT	ADR	15.94	2.80	18%	2.76	17%	0.925	46	31054
114501	CADMUS	WINTER	ADR	8.33	8.31	100%	7.68	92%	0.307	129	14402
159801	RUSSELL ROAD	RUSSELL ROAD	ADR	58.84	53.90	92%	26.97	46%	2.139	125	50074
000202	MT PLEASANT	BROADWAY	ALM	54.10	36.80	68%	36.80	68%	7.256	696	350202
000601	SHEPHERD	SHEPHERD	ALM	49.15	48.94	100%	48.94	100%	4.315	425	310706
038302	GROVER	HIGH SCHOOL	ALM	9.78	9.69	99%	9.69	99%	0.000	0	0
061302	RIVERDALE	SUMNER	ALM	93.78	95.32	100%	59.56	64%	10.161	510	184434
064801	BLUEGRASS	BLUEGRASS	ALM	17.15	17.15	100%	17.15	100%	0.333	8	2692
074403	PINE RIVER	WRIGHT	ALM	1.39	1.39	100%	1.39	100%	0.000	0	0
149301	CHEESMAN	MONROE	ALM	10.07	10.12	100%	10.12	100%	0.000	0	0
150601	MISSION	UNIVERSITY	ALM	8.50	8.50	100%	8.50	100%	0.333	0	35
150602	MISSION	THREE LEAVES	ALM	5.67	5.67	100%	5.67	100%	0.000	0	0
150603	MISSION	BUSINESS	ALM	3.16	3.40	100%	2.98	94%	0.000	0	0
168701	CLOVERLEAF	BUCHANAN	ALM	4.46	4.51	100%	4.51	100%	0.000	0	0
001402	CERESCO	CERESCO	BCK	3.00	3.80	100%	3.80	100%	0.667	11	1505
030301	JOPPA	BECKLEY	BCK	34.99	31.04	89%	31.04	89%	13.898	1132	1189531
031002	DUCK LAKE	DUCK LAKE	BCK	44.84	1.10	2%	1.10	2%	0.294	11	16241
036001	LIBERTY	WASHINGTON	BCK	9.74	8.70	89%	8.70	89%	1.191	222	100051
042001	BEADLE	CREST	BCK	20.69	20.67	100%	20.39	99%	6.897	354	161151
061601	PRINCETON	WATTLES	BCK	22.32	22.44	100%	22.44	100%	2.667	666	1422101
111901	CHAUNCEY	AUSTIN	BCK	39.55	39.00	99%	28.01	71%	10.151	461	636379
111902	CHAUNCEY	CASS	BCK	38.72	38.80	100%	0.88	2%	0.190	12	11239
021401	PATTERSON	BRIDGE	BCY	8.14	8.14	100%	8.14	100%	0.667	36	7134
021403	PATTERSON	STATE	BCY	6.59	6.59	100%	6.59	100%	0.333	6	51
034503	KAWKAWLIN	RUSSELL	BCY	10.28	10.26	100%	10.26	100%	1.663	176	31027
067601	MCGRAW	PORTSMOUTH	BCY	26.69	26.68	100%	26.68	100%	2.999	451	139444
090402	KIESEL	EUCLID	BCY	14.60	14.61	100%	14.61	100%	0.333	15	11352
090403	KIESEL	HANDY	BCY	11.84	11.82	100%	11.82	100%	1.997	789	208512
127601	COTTAGE GROVE	PREVO	BCY	126.86	37.00	29%	37.00	29%	7.389	761	589109
167403	SEVEN MILE	QUARTERLINE	BCY	12.94	12.94	100%	12.94	100%	1.667	88	83779
025201	ONEKAMA	ONEKAMA	BEN	76.02	76.07	100%	42.66	56%	12.157	998	941844
061703	FRANKFORT	ELBERTA	BEN	34.88	29.10	83%	5.34	15%	2.193	143	66352
061704	FRANKFORT	GATEWAY	BEN	27.90	18.77	67%	18.77	67%	16.370	788	447681
016201	REED CITY	YOPLAIT	BIG	0.50	0.50	100%	0.50	100%	0.000	0	0
016203	REED CITY	HOLDENVILLE	BIG	31.30	30.00	96%	29.46	94%	7.215	997	561567
027401	CONKLIN PARK	HOLLY	BIG	54.31	1.22	2%	0.85	2%	0.156	7	2608
030603	REMUS	LEPRINO	BIG	1.06	1.06	100%	1.06	100%	0.000	0	0
048502	RODNEY	RODNEY	BIG	100.23	32.48	32%	31.30	31%	7.911	761	584429
057303	OHMAN ROAD	SEARS	BIG	84.94	87.05	100%	77.82	92%	23.516	2189	1781138
066601	ENSLEY	DISTRIBUTION	BIG	68.97	67.15	97%	66.25	96%	21.771	1619	775155
092301	BIG RAPIDS	FERRIS	BIG	1.39	0.84	60%	0.41	29%	0.000	0	0
124701	FARRINGTON	CHASE	BIG	19.04	18.96	100%	18.17	95%	7.633	203	93491

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046902	CENTRAL LAKE	CENTRAL LAKE	BNC	16.51	16.50	100%	16.50	100%	5.663	891	169604
047301	DIETZ ROAD	LAKE CHARLEV	BNC	8.15	1.90	23%	1.90	23%	0.233	13	2663
048203	CHEBOYGAN	SEYMOUR	BNC	30.42	30.04	99%	30.04	99%	6.913	932	563937
051801	INDIAN RIVER	RONDO	BNC	61.14	60.86	100%	55.89	91%	11.274	2030	1028587
052602	BOYNE CITY	VETERANS	BNC	25.93	23.20	89%	23.20	89%	4.474	208	252761
064401	WALLOON	WATERWORKS	BNC	8.37	12.74	100%	12.74	100%	9.000	561	245934
064402	WALLOON	CLARION	BNC	16.75	12.25	73%	8.47	51%	4.382	398	376234
023802	LAKE MITCHEL	CANAL	CAD	20.38	20.35	100%	20.35	100%	6.657	1327	752135
060101	TUSTIN	WWTV	CAD	54.79	54.70	100%	54.70	100%	6.323	488	78369
063603	LAKE CITY	MOREY	CAD	105.68	73.94	70%	42.46	40%	5.089	461	351989
063604	LAKE CITY	FORGE	CAD	5.80	5.80	100%	5.80	100%	0.000	0	0
113401	HARING	SIXTH STREET	CAD	3.79	3.79	100%	3.79	100%	0.333	19	19956
114302	MANTON	DOWNTOWN	CAD	72.72	54.48	75%	54.48	75%	7.242	475	273985
001301	CENTREVILLE	BUSINESS	CLD	63.24	62.28	98%	60.53	96%	16.590	1191	1198263
008801	QUINCY	BLACKHAWK	CLD	74.13	50.60	68%	50.60	68%	11.831	1083	1905424
086801	KOLASSA	KOSMERICK	CLD	107.97	61.20	57%	61.20	57%	9.069	481	243920
151002	BALCOM	BANKERS	CLD	70.76	70.56	100%	24.13	34%	7.503	586	539786
033804	HARRISON	DODGE CITY	CLR	14.04	14.03	100%	14.03	100%	5.330	542	366998
072902	EIGHT POINT	LAKE GEORGE	CLR	50.63	50.10	99%	50.00	99%	18.105	2387	1016109
082402	DALE ROAD	BEAR CREEK	CLR	13.40	11.48	86%	11.48	86%	2.570	94	33357
100902	SURREY	MAIN STREET	CLR	37.86	37.08	98%	30.84	81%	9.775	786	455175
107503	OBERLIN	PRATT LAKE	CLR	75.14	75.04	100%	64.84	86%	10.356	999	285802
148601	DEER LAKE	CRANBERRY LA	CLR	23.72	12.79	54%	12.60	53%	8.499	1400	634878
002303	BLINTON	MCWAIN	FLT	48.28	48.01	99%	48.01	99%	4.641	732	399460
006202	GRAND BLANC	REID	FLT	14.76	14.80	100%	14.80	100%	3.333	254	115457
028003	OTISVILLE	FRANCIS	FLT	37.26	37.10	100%	35.60	96%	9.554	668	381353
029404	KEARSLEY	SHILLELAGH	FLT	25.55	25.67	100%	25.55	100%	5.333	1008	308712
035101	BELSAY	BELSAY	FLT	19.37	19.36	100%	19.36	100%	3.332	510	119033
039002	SLOAN	LAVELLE ROAD	FLT	6.11	6.11	100%	6.11	100%	2.000	576	161418
039003	SLOAN	LONGFELLOW	FLT	14.50	3.99	28%	3.19	22%	1.175	107	73023
055104	DAVISON	CLARK STREET	FLT	27.10	4.80	18%	4.80	18%	0.295	7	4053
064704	MAYFAIR	HOME	FLT	13.17	13.14	100%	13.10	99%	2.984	200	89861
069803	HOGAN ROAD	MCCASLIN LAKE	FLT	37.21	2.00	5%	2.00	5%	0.322	69	16542
070003	DEAN ROAD	HOGAN	FLT	73.89	93.49	100%	15.39	21%	2.569	232	186545
074304	RED ARROW	OGEMA	FLT	10.85	5.10	47%	3.60	33%	0.773	303	107718
117901	SKYLARK	KING'S POINTE	FLT	22.79	22.79	100%	22.79	100%	0.667	13	5801
004702	SPRING DRIVE	HESS LAKE	FRE	26.93	26.80	100%	26.80	100%	12.606	934	148565
033701	EAST GRANT	MUD FLAT	FRE	21.11	21.00	99%	21.00	99%	8.290	581	446831
053002	WHITE CLOUD	PINE HILL	FRE	5.99	5.23	87%	5.23	87%	0.291	3	743
163101	BUTTERFIELD	M-82	FRE	35.29	16.97	48%	16.97	48%	5.290	248	101061
163102	BUTTERFIELD	LINDEN	FRE	35.97	35.69	99%	14.38	40%	3.865	737	255946
010005	WEALTHY STREET	WATSON	GRA	3.80	3.77	99%	3.77	99%	0.000	0	0
010007	WEALTHY STREET	GODFREY	GRA	7.65	7.04	92%	7.04	92%	0.614	51	183559
023505	BEALS ROAD	BURTON HEIGHTS	GRA	5.45	5.44	100%	5.44	100%	0.333	13	12046
027901	HAGER PARK	WELLINGTON	GRA	30.98	30.70	99%	30.70	99%	5.615	423	201988
049901	STANDALE	STANDALE	GRA	25.76	25.60	99%	25.60	99%	3.644	1781	264610
049902	STANDALE	CHESTERFIELD	GRA	41.87	37.11	89%	37.11	89%	13.590	853	385949
070602	BOWEN	BOWEN	GRA	4.35	4.35	100%	3.32	76%	0.254	24	3321
072601	MAYNARD	MAYNARD	GRA	11.75	11.75	100%	11.75	100%	5.000	382	210877

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072602	MAYNARD	BESTWALL	GRA	4.00	4.00	100%	4.00	100%	0.000	0	0
077403	DEWEY	CONVENTION	GRA	2.68	2.95	100%	2.95	100%	0.000	0	0
077404	DEWEY	BRIDGEWATER	GRA	3.37	3.73	100%	3.73	100%	0.000	0	0
082902	MULLINS	ELMRIDGE	GRA	4.70	4.70	100%	4.70	100%	0.000	0	0
090301	LEE STREET	BLACK HILLS	GRA	2.89	2.89	100%	2.89	100%	0.000	0	0
090304	LEE STREET	KIRTLAND	GRA	12.99	12.98	100%	12.98	100%	1.665	204	62210
091702	CLAY	FREEZER	GRA	0.79	1.00	100%	1.00	100%	0.000	0	0
098204	LEFFINGWELL	NOTTINGHAM	GRA	11.74	4.60	39%	4.60	39%	0.914	30	21127
102201	FILLMORE	NORTH BLEND	GRA	38.59	38.70	100%	38.70	100%	10.333	679	298267
147202	DORR CORNER	100TH STREET	GRA	40.04	40.12	100%	25.86	65%	7.535	614	281354
006601	LABARGE	BLODGETT LAKE	GRE	51.39	37.93	74%	27.78	54%	3.424	443	454851
090503	KENT AIRPORT	PATTERSON	GRE	3.07	3.07	100%	3.07	100%	0.000	0	0
100204	SHAFFER	EASTBROOK	GRE	2.65	2.57	97%	2.57	97%	0.000	0	0
135202	FOREMAN	CUMBERLAND	GRE	43.09	43.34	100%	12.08	28%	1.962	146	173540
136802	BROADMOOR	AIRWEST	GRE	3.23	3.16	98%	3.16	98%	0.000	0	0
136803	BROADMOOR	FOREST CREEK	GRE	2.37	2.37	100%	2.37	100%	0.000	0	0
136804	BROADMOOR	36TH STREET	GRE	3.84	3.84	100%	3.84	100%	0.000	0	0
022202	COWAN LAKE	RAMSDELL	GRN	65.17	64.60	99%	35.86	55%	10.454	1138	702781
028302	CEDAR SPRING	EDGERTON	GRN	80.59	105.26	100%	28.30	35%	5.970	1253	635242
034402	HULL STREET	CRANBERRY	GRN	121.98	121.31	99%	9.47	8%	3.234	248	161530
058202	ENGLISHVILLE	PINE ISLAND	GRN	32.00	31.50	98%	31.50	98%	4.922	1446	352830
063703	PLAINFIELD	KUTTSHILL	GRN	22.28	22.00	99%	22.00	99%	6.254	361	189036
081802	ALPINE	WESTGATE	GRN	10.19	10.18	100%	8.92	88%	0.876	72	12429
151201	PARAMOUNT	NORTHLAND F	GRN	26.76	26.75	100%	26.75	100%	6.331	661	581012
151202	PARAMOUNT	BIRD	GRN	37.80	37.46	99%	34.19	90%	9.649	1436	936742
160401	RATIGAN	GREELEY	GRN	42.85	12.10	28%	12.10	28%	4.895	250	312489
000901	LYONS	LYONS-MUIR	GVL	45.92	37.00	81%	21.75	47%	4.895	297	164630
000902	LYONS	COLLINS-RURAL	GVL	21.04	21.00	100%	4.77	23%	1.887	81	54117
014502	GREENVILLE	WASHINGTON	GVL	45.42	37.48	83%	36.66	81%	11.570	1060	632335
049101	CRYSTAL	MT HOPE ROAD	GVL	33.23	32.95	99%	29.76	90%	8.059	730	337003
049102	CRYSTAL	CRYSTAL ROAD	GVL	45.65	12.40	27%	12.40	27%	3.984	211	109152
137804	SANDERSON	M-57	GVL	82.70	85.69	100%	2.80	3%	0.734	50	18422
018502	PULLMAN	PULLMAN	HML	39.41	19.80	50%	19.80	50%	7.704	646	240534
025501	SALEM	BURNIPS	HML	40.97	40.95	100%	4.81	12%	0.978	83	44633
026902	OTSEGO	FARMER	HML	40.41	40.41	100%	40.01	99%	17.493	1769	522358
033501	NORTH ALLEGANY	ROCKWELL	HML	19.21	19.63	100%	17.11	89%	5.345	771	342799
067301	MACATAWA	RAILYARD	HML	2.53	2.63	100%	2.46	97%	0.000	0	0
067303	MACATAWA	WENDT PARK	HML	24.28	10.27	42%	2.26	9%	0.373	39	50822
123701	WILMOTT	WILMOTT	HML	40.39	40.11	99%	40.11	99%	6.289	623	550257
131401	BELKNAP	BELKNAP	HML	14.27	13.94	98%	13.94	98%	8.141	89	88496
138301	MILL GROVE	BABYLON	HML	25.78	25.75	100%	25.50	99%	5.275	573	514103
138302	MILL GROVE	ALLEGANY HYDRO	HML	48.86	44.18	90%	43.28	89%	7.677	2090	1437693
148201	TITUS LAKE	CASINO	HML	2.66	2.66	100%	2.66	100%	0.000	0	0
154101	BLUE STAR	PIER COVE	HML	52.98	36.96	70%	12.42	23%	3.516	189	101072
154102	BLUE STAR	GANGES	HML	28.58	13.53	47%	13.53	47%	4.103	338	180201
048301	AUBIL LAKE	TOWERS	HST	94.74	144.36	100%	51.01	54%	9.512	1793	1692302
132201	BROGAN	BROGAN	HST	79.82	87.59	100%	8.00	10%	1.904	114	41147
025901	HANOVER	PULASKI	JAC	36.01	35.40	98%	35.40	98%	20.317	510	552439
070305	INGHAM	GREENWOOD	JAC	6.71	6.85	100%	6.85	100%	0.667	148	77610

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070402	FERGUSON	BROWNS LAKE	JAC	29.19	29.04	99%	28.63	98%	9.156	281	132205
075902	REYNOLDS	SEARS	JAC	44.29	44.76	100%	39.55	89%	8.036	512	135108
088204	CARY ROAD	JEFFERSON RO	JAC	26.08	15.30	59%	15.25	58%	4.288	143	138569
090802	OAK STREET	WEST GANSON	JAC	8.56	8.58	100%	0.66	8%	0.026	31	8254
124402	WESTWOOD	DURAND	JAC	7.06	7.70	100%	7.70	100%	0.000	0	0
157601	WEST CLARK L	EAGLE POINT	JAC	13.31	13.47	100%	13.12	99%	7.554	444	1132577
008204	AUGUSTA	AUGUSTA	KAL	29.67	28.74	97%	27.99	94%	11.951	1578	707210
013501	TWELFTH STRE	WESTFIELD	KAL	33.31	32.80	98%	30.17	91%	4.528	3035	642376
022901	COOPER	NAGEL	KAL	41.91	42.40	100%	24.06	57%	8.801	1198	429676
060601	BREEDSVILLE	BREEDSVILLE	KAL	117.75	112.34	95%	111.95	95%	37.079	3962	1599588
063402	KILGORE	WISTERIA	KAL	8.51	8.50	100%	8.50	100%	0.999	215	78866
063404	KILGORE	TIMBERLANE	KAL	7.73	7.72	100%	7.72	100%	2.663	683	273197
076901	SPRINKLE	BISHOP	KAL	0.31	0.31	100%	0.31	100%	0.000	0	0
093802	RIX ROAD	UNDERPASS	KAL	56.14	26.91	48%	8.14	15%	2.660	413	113775
113601	EMERALD	BANBURY	KAL	9.19	9.15	100%	9.15	100%	1.659	2468	581679
122901	PLAINWELL	COMMERCIAL	KAL	35.23	14.22	40%	13.47	38%	6.118	422	147335
017302	MERIDIAN	LAKE LANSING	LAN	16.02	16.02	100%	12.18	76%	0.760	276	11977
019402	LAKE LANSING	WHITE HILLS	LAN	28.49	27.47	96%	25.60	90%	1.797	810	166462
025803	DEWITT	GENEVA LAKE	LAN	40.65	5.50	14%	5.50	14%	0.586	269	80710
041402	BATH	PARK LAKE	LAN	50.24	48.40	96%	29.35	58%	3.895	377	82601
060401	OKEMOS	WKAR	LAN	17.61	2.25	13%	2.25	13%	0.170	56	29200
067402	DEXTER TRAIL	EWERS	LAN	17.72	17.72	100%	17.72	100%	3.667	165	76462
081504	HARPER ROAD	AURELIUS	LAN	32.69	30.88	94%	30.88	94%	2.519	887	501358
085702	COCHRAN	SNOW	LAN	27.35	28.88	100%	28.88	100%	3.667	523	109830
118302	BILLWOOD	LANSING ROAD	LAN	13.24	13.24	100%	13.24	100%	1.333	47	22840
036201	WASHINGTON	FIRST STREET	LDG	9.37	9.41	100%	9.41	100%	1.333	140	85687
036203	WASHINGTON	CONRAD	LDG	13.42	10.51	78%	10.51	78%	1.305	141	26594
054402	ORIOLE	LAKEVIEW	LDG	6.13	0.30	5%	0.30	5%	0.049	2	3865
054403	ORIOLE	HAMLIN	LDG	42.64	58.14	100%	15.57	37%	4.260	612	330850
058302	BASS LAKE	KISTLER	LDG	57.93	50.03	86%	50.03	86%	8.924	472	1054895
004502	LARKIN	EASTMAN	MDL	19.29	0.30	2%	0.30	2%	0.057	31	7861
038102	STARKS	LEE	MDL	78.84	22.90	29%	22.90	29%	7.455	397	256017
050903	LETTS ROAD	WALKER	MDL	93.20	89.42	96%	69.62	75%	21.912	1490	782537
053401	MIDLAND	BUTTLES	MDL	7.00	6.95	99%	6.95	99%	0.000	0	0
072202	WALDO	LABORATORY	MDL	16.59	16.57	100%	16.57	100%	6.326	1760	275413
108801	GOLDEN	SMITH'S CROSS	MDL	3.29	3.29	100%	3.29	100%	1.000	65	67040
154601	PRICE ROAD	PRICE	MDL	40.19	32.53	81%	13.39	33%	4.330	397	295965
000703	MUSKEGON HI	EAST CENTRAL	MUS	7.06	7.06	100%	7.06	100%	0.667	249	96406
000705	MUSKEGON HI	MUSKEGON	MUS	7.02	6.99	100%	6.99	100%	0.996	233	14716
025104	NORTH MUSKE	SANITARIUM	MUS	8.98	8.90	99%	8.79	98%	1.957	134	35603
029902	NORTON	HILE ROAD	MUS	28.93	28.72	99%	28.72	99%	0.993	361	31000
036802	APPLE	WOLF LAKE	MUS	14.82	14.11	95%	14.11	95%	1.904	368	132602
041302	TERRACE	MALL	MUS	6.47	6.42	99%	6.42	99%	0.000	0	0
045402	LATIMER	CARR LAKE	MUS	20.39	20.38	100%	20.38	100%	2.999	842	92926
047501	BECKER	BEAR CREEK	MUS	14.23	14.21	100%	14.21	100%	2.996	232	123892
052003	WHITEHALL	HANSON	MUS	11.47	6.30	55%	6.30	55%	0.915	69	12270
058101	SHELBY	STATE STREET	MUS	18.68	18.56	99%	18.56	99%	6.624	388	210917
058102	SHELBY	PINE STREET	MUS	13.93	2.50	18%	2.50	18%	0.359	15	22269
061902	BROADWAY	BLACK CREEK	MUS	16.09	16.08	100%	2.01	13%	0.292	56	9572

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067502	MCCRACKEN	ENTERPRISE	MUS	0.89	0.89	100%	0.89	100%	0.333	6	1343
105301	ELLIS	DANGL	MUS	66.94	68.22	100%	45.42	68%	10.404	1956	757806
156402	MCMILLAN	RIVER	MUS	42.03	28.10	67%	28.10	67%	3.789	324	158473
006703	OWOSSO	OAKWOOD	OWS	4.68	4.41	94%	4.41	94%	0.000	0	0
006704	OWOSSO	POWER	OWS	2.04	2.03	100%	2.03	100%	0.000	0	0
006705	OWOSSO	BUSINESS	OWS	4.59	4.31	94%	4.31	94%	0.000	0	0
012402	PERRY	PITTSBURG	OWS	30.03	33.55	100%	33.55	100%	3.333	108	38227
156302	SCENIC LAKE	BEARD ROAD	OWS	25.65	10.40	41%	10.40	41%	1.757	110	55043
030701	SHIELDS	SHIELDS	SAG	18.59	18.59	100%	18.59	100%	4.333	487	185099
035201	CARROLLTON	CARROLLTON	SAG	7.69	0.60	8%	0.60	8%	0.156	17	3911
057701	JANES	BELAIR	SAG	21.74	21.71	100%	7.56	35%	0.116	9	12507
072302	BARNARD	WEISS	SAG	8.98	9.02	100%	8.59	96%	0.000	0	0
072401	THAYER	RIVER	SAG	15.32	2.12	14%	2.00	13%	0.305	8	3414
109201	DAVENPORT	CONGRESS	SAG	18.02	17.97	100%	17.97	100%	3.324	590	973677
109202	DAVENPORT	SCHAEFFER	SAG	1.57	1.57	100%	1.57	100%	0.000	0	0
134702	BELL ROAD	ALBEE	SAG	132.58	132.84	100%	64.11	48%	10.960	1346	507324
007101	ERIE	COUSINO ROA	SMN	20.37	20.40	100%	20.40	100%	1.000	17	14502
029701	LAMBERTVILLE	WHITEFORD	SMN	14.56	14.48	99%	14.48	99%	1.658	148	68604
103802	JEFFS ROAD	ADLER ROAD	SMN	35.28	35.51	100%	35.51	100%	7.667	322	164793
136602	M.A.E.	ALBAIN ROAD	SMN	13.20	13.25	100%	13.25	100%	0.333	12	48552
051102	MANCELONA	LEETSVILLE	TRA	24.82	18.50	75%	13.06	53%	0.351	25	8073
056902	NORTHPORT	MANITOU	TRA	34.92	34.73	99%	20.20	58%	6.748	360	203913
057401	PENINSULA	MCKINLEY ROA	TRA	19.91	19.91	100%	19.91	100%	6.000	535	192418
057402	PENINSULA	MAPLETON	TRA	119.68	136.81	100%	102.91	86%	25.223	2075	1015197
004201	FOOTE HYDRO	DISTRIBUTION	TWS	13.20	13.20	100%	13.20	100%	3.000	219	286220
008002	ALCONA DAM	CURTISVILLE	TWS	19.12	19.30	100%	19.30	100%	8.667	648	250594
031202	LINCOLN	MIKADO	TWS	89.52	39.30	44%	39.30	44%	9.951	613	410851
040802	OSCODA	BUTLER HEIGH	TWS	28.31	28.00	99%	27.91	99%	2.958	1373	1737541
124502	CEDAR LAKE	VAN ETEN	TWS	40.31	39.30	97%	33.93	84%	7.014	1709	1538052
126301	SPRUCE ROAD	EAST BAY	TWS	69.60	25.94	37%	24.26	35%	7.205	757	666654
002002	GREENWOOD	INDIAN LAKE	WBR	95.41	90.22	95%	90.22	95%	18.282	2119	1229076
093902	LYON MANOR	TOWN HALL	WBR	39.25	29.28	75%	29.28	75%	6.465	1722	767649
112103	ABBE	HWY 33	WBR	87.26	62.36	71%	61.07	70%	16.798	1899	870301
127403	DUQUITE	SAGANING	WBR	70.26	58.10	83%	57.90	82%	15.658	1390	2331089
129902	ROSCOMMON	PIONEER	WBR	116.23	160.48	100%	44.25	38%	7.234	483	240762
141201	BACKUS	SPRINGBROOK	WBR	117.09	23.90	20%	23.90	20%	6.260	1510	710964
158202	RYNO	MAPES	WBR	80.18	41.79	52%	21.80	27%	5.437	750	566469

STATE OF MICHIGAN
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

In the matter of the application of)
CONSUMERS ENERGY COMPANY)
for authority to increase its rates for)
the generation and distribution of)
electricity and for other relief.)
_____)

Case No. U-20697

PROOF OF SERVICE

STATE OF MICHIGAN)
) SS
COUNTY OF JACKSON)

Crystal L. Chacon, being first duly sworn, deposes and says that she is employed in the Legal Department of Consumers Energy Company; that on December 15, 2023, she served an electronic copy of **Consumers Energy Company's Line Clearing Program 2023 Report** upon the persons listed in Attachment 1 hereto, at the e-mail addresses listed therein.

Crystal L. Chacon

Crystal L. Chacon

Subscribed and sworn to before me this 15th day of December, 2023.

Melissa K. Harris

Melissa K. Harris, Notary Public
State of Michigan, County of Jackson
My Commission Expires: 06/11/2027
Acting in the County of Hillsdale

Administrative Law Judge

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