



Status of Electric Competition in Michigan

In compliance with Public Act 141 of 2000

February 1, 2024

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Introduction

The Customer Choice and Electricity Reliability Act (Public Act 141 of 2000, referred to throughout as Act 141) requires the Michigan Public Service Commission (Commission or MPSC) to file a report with the Governor and the Legislature by February 1 each year. This report represents the 19th year of electric choice in Michigan and includes a discussion of the following topics, pursuant to MCL 460.10u:

- a. The status of competition for the supplying of electricity in Michigan.
- b. Recommendations for legislation, if any.
- c. Actions taken by the Commission to implement measures necessary to protect consumers from unfair or deceptive business practices by utilities, alternative electric suppliers, and other market participants.
- d. Information regarding consumer education programs approved by the Commission to inform consumers of all relevant information regarding the purchase of electricity and related services from alternative electric suppliers.

An important goal of Act 141 is to have competition within the electric industry by offering Michigan customers the opportunity to purchase electric generation services from their incumbent utility or an Alternative Electric Supplier (AES). The Commission does not regulate the prices charged by an AES for its services. Customers may choose between an unregulated AES rate or a regulated utility rate.

Public Act 286 of 2008 (Act 286) was enacted on October 6, 2008, and amended Act 141. Section 10a(1)(a) of Act 286, MCL 460.10a, provides that no more than 10 percent of an electric utility's average weather-adjusted retail sales for the preceding calendar year may take service from an alternative electric supplier at any time¹. On December 21, 2016, Public Act 341 (Act 341) of 2016 was signed and became effective on April 20, 2017. Act 341 amended Act 286. The Commission outlined the specific procedures pertaining to the implementation of the 10 percent cap and established a cap tracking system that utilities are required to make available online².

The electric choice programs for Consumers Energy Company, Upper Michigan Energy Resource Corporation, Upper Peninsula Power Company, Indiana Michigan Power and DTE Electric Company were fully subscribed at the 10 percent cap throughout the year and there continues to be approximately 6,213 customers statewide in the queue to participate in the choice program if space becomes available.

To date, Michigan remains one of 20 states that had full or limited restructuring of the competitive electric market. Benchmark information comparing Michigan's electric retail rates to the 20 restructured states, Midwest states, and the national average can be found starting on page 11.

¹ With the exception of Section 10a(1)(d) of Act 286 which excludes iron ore mining or processing facilities.

² Order dated April 28, 2018 in Case No. U-15801.

In 2023, the Commission issued multiple orders that adhere to the established framework for Michigan’s electric customer choice programs and implement the provisions of Public Act 141 of 2000, Public Acts 286 and 295 of 2008, and Public Act 341 of 2016.

Status of Competition for Electric Supply

Overview

Retail Open Access (referred to throughout as “ROA”, “electric customer choice” or “electric choice”) for all customers of Michigan investor-owned electric utilities took effect on January 1, 2002. AESs currently serve electric choice customers in the Consumers Energy Company (Consumers Energy), DTE Electric Company (DTE Electric), Upper Peninsula Power Company (UPPCo), Upper Michigan Energy Resources Corporation (UMERC), Cloverland Electric Cooperative (Cloverland), and Indiana Michigan Power Company (I&M) territories.

Michigan is one of 21 jurisdictions that had full or limited restructuring of retail electric markets in 2023³. In Michigan, Public Act 286 caps electric choice participation at 10 percent of an electric utility’s average weather-adjusted retail sales for the preceding year. The 10 percent cap is reset annually to reflect the average weather-adjusted retail sales for the preceding year.

Specific information pertaining to the status of electric choice participation for each utility can be found at their respective websites.⁴

Michigan’s Electric Choice Program

Electric customer choice is available to all customers of regulated electric utilities, excluding members of electric cooperatives with loads of less than one megawatt (MW)⁵. Michigan’s current retail electric market maintains regulation of most utility generation and distribution while allowing for competitive energy supply.

As of December 2023, there were approximately 5,539 customers participating in the electric choice programs (compared to 5,760 in 2022). This represents approximately 2,798 MW of electric demand, which is an increase of about 660 MW from 2022. As of December 2023, approximately 5,981 customers remain in the queue, a decrease from 6,213 in 2022. There was an increase in the total electric choice load in 2023 and electric choice participation remained around 10 percent for each utility.

2016 Energy Laws

Public Acts 341 and 342 were passed on December 15, 2016, and signed by Governor Rick Snyder on December 21, 2016. Act 341 updates Michigan’s energy laws relating to utility rate cases, electric customer choice, certificate of necessity, and electric

³ Figure 1 (Appendix 1).

⁴ <https://www.michigan.gov/mpsc/regulatory/electricity/customer-choice>

⁵ MCL 460.10x and MCL 460.10y outline different requirements for implementation for customer choice for cooperatively owned and municipal electric utilities. MCL 460.10x allows any retail customer of a rural electric cooperative with a peak of 1 megawatt or above to select an alternative electric supplier. MCL 460.10y provides that the governing body of a municipally owned utility determines whether it will permit choice programs in its service territory.

capacity resource adequacy, and establishes an integrated resource planning process. Act 341 amended Public Act 3 of 1939 and Public Act 286 of 2008. On September 29, 2009, the Commission adopted procedures, regarding the allocation of the amount of load to be served by AESs. The Commission approved changes to these procedures pursuant to Act 341, which are attached as Appendix A to the April 28, 2017, order in Case No. U-15801⁶.

Pursuant to MCL 460.10a(1)(c), the Commission issued orders adjusting the choice caps to zero for any utility serving fewer than 200,000 Michigan customers and that did not have any load served by an AES during the four-year period of April 20, 2013, to April 20, 2017. These orders were issued on July 12, 2017 for 12 utilities⁷ and directed that the cap for each utility automatically be reset to 10 percent on February 1, 2019. On February 1, 2019, I&M's cap was reset to 10 percent and the utility began enrolling customers in its electric choice program.

Every Michigan licensed AES is subject to the capacity demonstration and state reliability mechanism (SRM) provisions outlined in Section 6w of Act 341. Section 6w requires all electric providers, including AESs, to demonstrate to the MPSC that they have enough resources to serve the anticipated needs of their customers four years forward. If an AES cannot or chooses not to arrange generating capacity to meet the new requirement, all or a portion of its load would be subject to an SRM capacity charge. The SRM capacity charge is set by the MPSC and is paid to the utility in exchange for the utility serving as the provider of last resort for capacity service.

In 2023, the Commission opened case no. U-21393 for load serving entities to file their capacity demonstrations for the 2027/2028 planning year. The order extended the filing date to February 15 and March 1, 2024, for investor-owned utilities with one million customers or more and investor-owned utilities with fewer than one million customers, respectively.

Alternative Electric Suppliers

There were 21 licensed AESs with seven of those actively serving customers as of December 2023⁸. See Appendix 3 for the full list of current AESs.

Load Served Through Electric Customer Choice Program

Commercial and industrial customers accounted for almost all the participation in the electric choice programs during 2023. Typical choice participants are large industrial manufacturers and mid-size commercial customers, including retailers, restaurants, healthcare facilities, school systems, and other service providers. There are no residential customers participating in the electric choice program.

⁶ [Order dated April 28, 2017 in Case No.U-15801](#)

⁷ These utilities include: Alger Delta Cooperative Electric Association (U-18372), Alpena Power Company (U- 16086), Bayfield Electric Cooperative (U-18373), Cherryland Electric Cooperative (U-18374), Great Lakes Energy Cooperative (U-18376), Indiana Michigan Power Company (U-16090), HomeWorks Tri-County Electric Cooperative (U-18377), Midwest Energy Cooperative (U-18378), Northern States Power Company (U-16091), Thumb Electric Cooperative (U-18379), Presque Isle Electric & Gas Co-Op (U-18388), Ontonagon County Rural Electrification Association (U-18389).

⁸ See Figure 2, Figure 4, Figure 6, Figure 8, Figure 10 (Appendix 1).

Consumers Energy Electric Customer Choice

The number of customers and the electric demand served by each AES in the Consumers Energy service territory at the end of each year is shown in Figure 2 (Appendix 1). The electric choice load served in the Consumers Energy service territory at year-end 2023 totaled 703 MW. This compares to 701 MW in 2022. There were 937 customers served by AESs at year-end 2023 compared to 938 in 2022⁹.

Additional information depicting trends in the Consumers Energy electric customer choice program is included in Appendix 1. Figure 3 shows the number of customers participating and the load served on a monthly basis from June 2021 through December 2023.

Below is a summary of cap-related data for Consumers Energy for 2021 – 2023. To date, Consumers Energy is fully subscribed at the 10 percent cap.

Consumers Energy			
	2021	2022	2023
Weather-Adjusted Retail Sales	34,763,615 MWh	35,895,190 MWh	36,494,572 MWh
Participation Level	3,565,547 MWh	3,569,719 MWh	3,657,230 MWh
Participation Percent	10.26%	9.94%	10.02%
Customers in Service	989	938	937
Customers in Queue	3,394	3,295	3,170
Total Load in Queue	4,244,107 MWh	4,213,208 MWh	5,205,646 MWh
<i>Participation Percent w/o Cap</i>	<i>22.47%</i>	<i>21.68%</i>	<i>24.29%</i>

Consumers Energy experienced a decrease in the number of customers in the queue. There was an increase in the load as well as the participation percent of load served from 2022 to 2023. Hypothetically, if the cap did not exist, choice participation would be approximately 24 percent in Consumers Energy's service territory.

DTE Electric Company Customer Choice

The number of customers and the electric demand served by each AES in the DTE Electric service territory at the end of the year is shown in Figure 4 (Appendix 1). The electric choice load in the queue served in the DTE Electric service territory at year-end 2023 totaled 1,283 MW compared to 1,279 MW in 2022. The number of customers served by AESs totaled 4,410 at year-end 2023 compared to 4,624 in 2022¹⁰.

Additional information depicting trends in the DTE Electric's electric customer choice program is included in Appendix 1. Figure 5 shows the number of customers participating and the load served on a monthly basis from July 2021 through December 2023.

⁹ Figure 2 (Appendix 1).

¹⁰ Figure 4 (Appendix 1).

Below is a summary of cap-related data for DTE Electric for 2021 – 2023. To date, DTE Electric is fully subscribed at the 10 percent cap.

DTE Electric Company			
	2021	2022	2023
Weather-Adjusted Retail Sales	44,002,518 MWh	45,441,151 MWh	45,081,466 MWh
Participation Level	4,389,383 MWh	4,465,551 MWh	4,466,929 MWh
Participation Percent	9.98%	9.83%	9.91%
Customers in Service	4,746	4,624	4,410
Customers in Queue	2,526	2,884	2,777
Total Load in Queue	2,822,146 MWh	2,749,599 MWh	2,531,054 MWh
<i>Participation Percent w/o Cap</i>	<i>16.39%</i>	<i>15.89%</i>	<i>15.52%</i>

DTE Electric experienced a decrease in the number of customers and an increase in the load in the queue from 2022 to 2023. DTE Electric also experienced an increase in the participation percent of its load served by AESs. Hypothetically, if the cap did not exist, choice participation would be approximately 16 percent in DTE Electric’s service territory.

Upper Peninsula Power Company (UPPCo) Electric Customer Choice

The number of customers and the electric demand served by each AES in the UPPCo service territory at the end of the year is shown in Figure 6 (Appendix 1). The electric choice load served in the UPPCo service territory at year-end 2023 totaled 13.7 MW compared to 14.1 MW in 2022. The number of customers served decreased at year-end 2023 to 69 compared to 71 in 2022¹¹.

Additional information depicting trends in the UPPCo electric customer choice program is included in Appendix 1. Figure 7 shows the number of customers participating and the load served on a monthly basis from July 2020 through December 2023.

Below is a summary of cap related data for UPPCo for 2021 – 2023. The current level of choice participation is approximately 11.56 percent. Hypothetically, if the cap did not exist, choice participation would be approximately 14 percent in UPPCo’s service territory.

Upper Peninsula Power Company			
	2021	2022	2023
Weather-Adjusted Retail Sales	835,036 MWh	741,288 MWh	728,749 MWh
Participation Level	71,609 MWh	80,703 MWh	84,284 MWh
Participation Percent	8.58%	10.89%	11.56%
Customers in Service	73	71	69
Customers in Queue	25	17	17
Total Load in Queue	22,878 MWh	18,309 MWh	18,309 MWh
<i>Participation Percent w/o Cap</i>	<i>11.32%</i>	<i>13.36%</i>	<i>14.08%</i>

¹¹ Figure 6 (Appendix 1).

Upper Michigan Energy Resources Corporation (UMERC) Electric Customer Choice

On December 9, 2016, the Commission approved a settlement agreement in Case No. U-18061¹² that permitted the creation of a new Michigan-only jurisdictional utility in the Upper Peninsula. UMERC was established on January 1, 2017, as a new Michigan-only jurisdictional utility in the Upper Peninsula. Former Wisconsin Electric Power Company and Wisconsin Public Service customers are now being served by UMERC.

The number of customers and electric demand served by each AES in the UMERC service territory at the end of the year is shown in Figure 8 (Appendix 1). The electric choice load served in the UMERC service territory at year-end 2023 totaled 88.4 MW compared to 80.5 MW in 2022. The number of customers served decreased from 79 at 2022 year-end to 75 at 2023 year-end.¹³

Additional information depicting trends in the UMERC electric customer choice program is included in Appendix 1. Figure 9 shows the number of customers participating and the load served on a monthly basis from July 2021 through December 2023.

Below is a summary of cap related data for UMERC for 2021 – 2023. The Tilden Mining Company (Tilden) load was transferred from Wisconsin Electric Power Company to UMERC in the first quarter of 2019, which is reflected in the Weather-Adjusted Retail Sales.

Note: MCL 460.10a(1)(f) provides that any customer operating an iron ore mining facility, iron ore processing facility, or both, located in the Upper Peninsula shall be permitted to purchase all or any portion of its electricity from an alternative electric supplier, regardless of whether the sales exceed 10% of the serving electric utility's average weather-adjusted retail sales. Because of this, the current level of choice participation is approximately 13.86 percent in UMERC's service territory.

Upper Michigan Energy Resources Corporation			
	2021	2022	2023
Weather-Adjusted Retail Sales	1,998,123 MWh	2,197,650 MWh	1,993,206 MWh
Participation Level	270,019 MWh	274,388 MWh	276,265 MWh
Participation Percent	13.51%	12.49%	13.86%
Customers in Service	82	79	75
Customers in Queue	1	1	1
Total Load in Queue	128,923 MWh	102,562 MWh	60,010 MWh
<i>Participation Percent w/o Cap</i>	<i>19.97%</i>	<i>17.15%</i>	<i>16.87%</i>

Hypothetically, if the cap did not exist, choice participation would be approximately 17 percent in UMERC's service territory.

¹² See [Case No. U-18061](#).

¹³ Figure 8 (Appendix 1).

Cloverland Electric Cooperative Electric Customer Choice

Beginning in December 2016, Cloverland had one customer taking electric choice. The electric choice load served in the Cloverland service territory at year-end 2023 totaled 9.07 MW, as shown in Appendix 1, Figure 10.

Below is a summary of cap related data for Cloverland Electric for 2021 – 2023.

Cloverland Electric Cooperative			
	2021	2022	2023
Weather-Adjusted Retail Sales	734,683 MWh	772,115 MWh	788,470 MWh
Participation Level	73,468 MWh	75,494 MWh	72,059 MWh
Participation Percent	10.0%	9.78%	9.14%
Customers in Service	1	1	1
Customers in Queue	0	0	0
Total Load in Queue	0 MWh	0 MWh	0 MWh
<i>Participation Percent w/o Cap</i>	<i>10.0%</i>	<i>9.78%</i>	<i>9.14%</i>

Indiana Michigan Power Company Electric Customer Choice

The number of customers and the electric demand served by each AES in the I&M service territory at the end of the year is shown in Figure 12 (Appendix 1). The electric choice load served in the I&M service territory decreased from 54.58 MW for year-end 2022 to 54.42 MW for year-end 2023. The number of customers served by AESs remained at 47 at year-end 2023¹⁴.

Additional information depicting trends in I&M's electric customer choice program is included in Appendix 1. Figure 13 shows the number of customers participating and the load served on a monthly basis from January 2022 through December 2023.

Below is a summary of cap related data for I&M for 2021-2023. To date, I&M is fully subscribed at the 10 percent cap.

Indiana Michigan Power Company			
	2021	2022	2023
Weather-Adjusted Retail Sales	2,708,477 MWh	2,718,870 MWh	2,860,254 MWh
Participation Level	265,815 MWh	283,957 MWh	268,260
Participation Percent	9.81%	10.44%	9.38%
Customers in Service	48	47	47
Customers in Queue	16	16	16
Total Load in Queue	26,817 MWh	24,363 MWh	25,017 MWh
<i>Participation Percent w/o Cap</i>	<i>10.80%</i>	<i>11.34%</i>	<i>10.25%</i>

Hypothetically, if the cap did not exist, choice participation would be slightly higher than the 10 percent cap in I&M's service territory.

¹⁴ Figure 12 (Appendix 1).

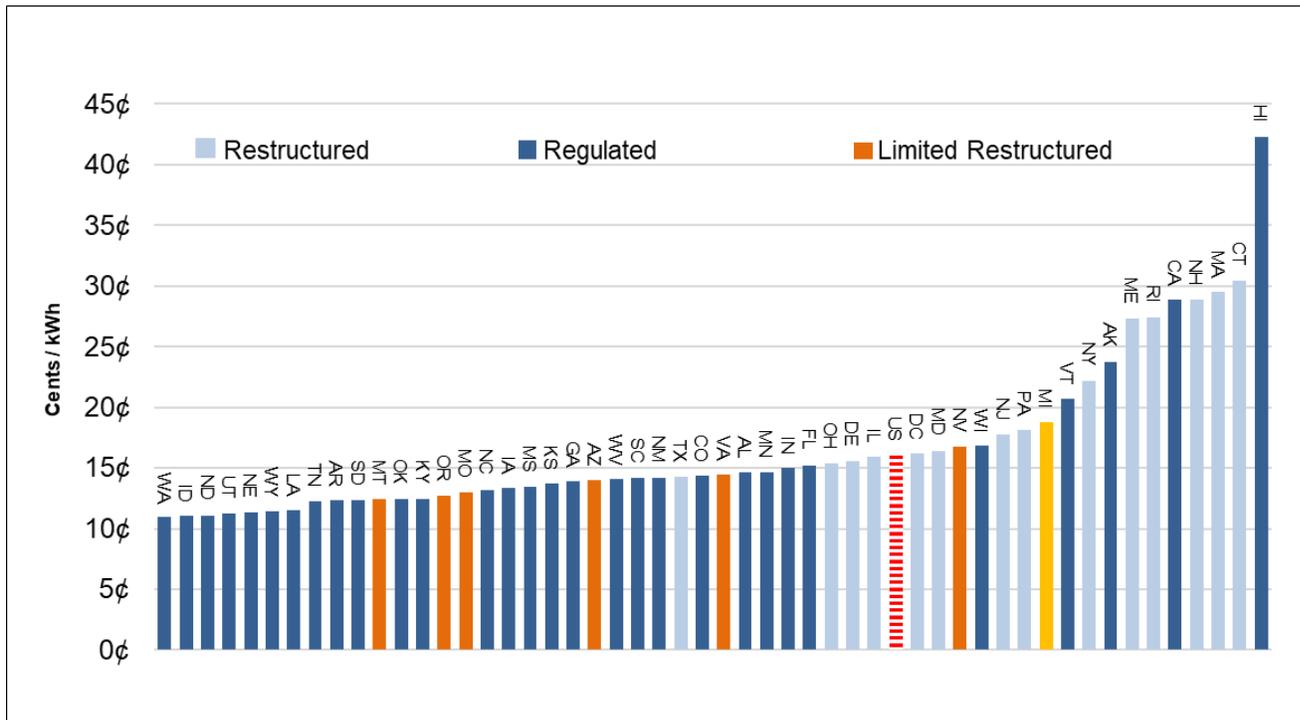
Benchmarking Michigan's Electric Prices¹⁵

This report provides benchmark data that compares Michigan's electric prices to those of other jurisdictions based on customer class. The data shown in the following figures for 2023 reflect January through October 2023.

Residential Rates

The figure below reflects the 2023 average residential retail rates. In 2023, Michigan's average residential retail rates ranked eleventh highest among the 21 jurisdictions with some type of restructured market at \$0.1874/kWh.

Average Residential Retail Price, 2023



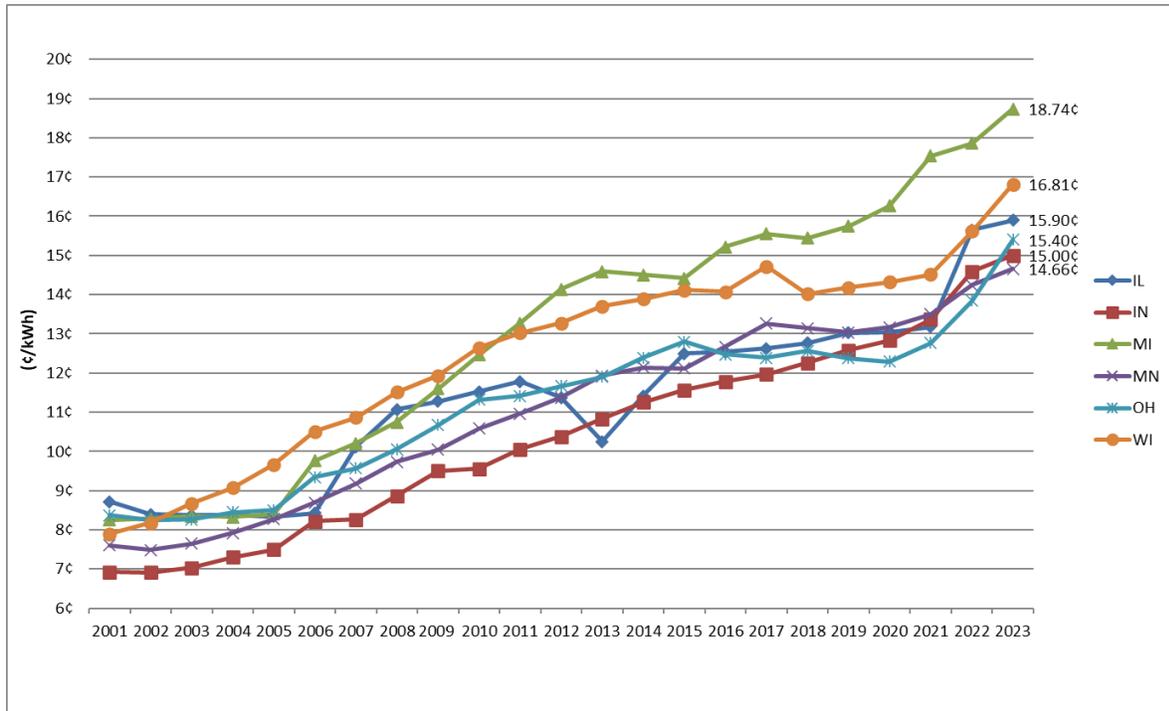
Source: Form EIA-861M (formerly EIA-826) detailed data (<https://www.eia.gov/electricity/data/eia861m/>). Current and Historical Monthly Retail Sales, Revenues, and Average Retail Price by State and By Sector (Form EIA-826). 2023.*

*2023 data is only through October and may change.

¹⁵ Benchmarking data is sourced from the U.S. Energy Information Administration (EIA). EIA's data may include some minor inconsistencies and is subject to change retroactively.

The figure below reflects the average residential retail rates for neighboring Midwest states from 2000 through 2023. In 2023, Michigan's average residential retail rates ranked the highest among six Midwest states at \$0.1874/kWh. Prices are based on actual reported statewide utility sales and revenues for each year and are not adjusted for inflation.

Average Residential Retail Rates for Midwest 2001-2023*

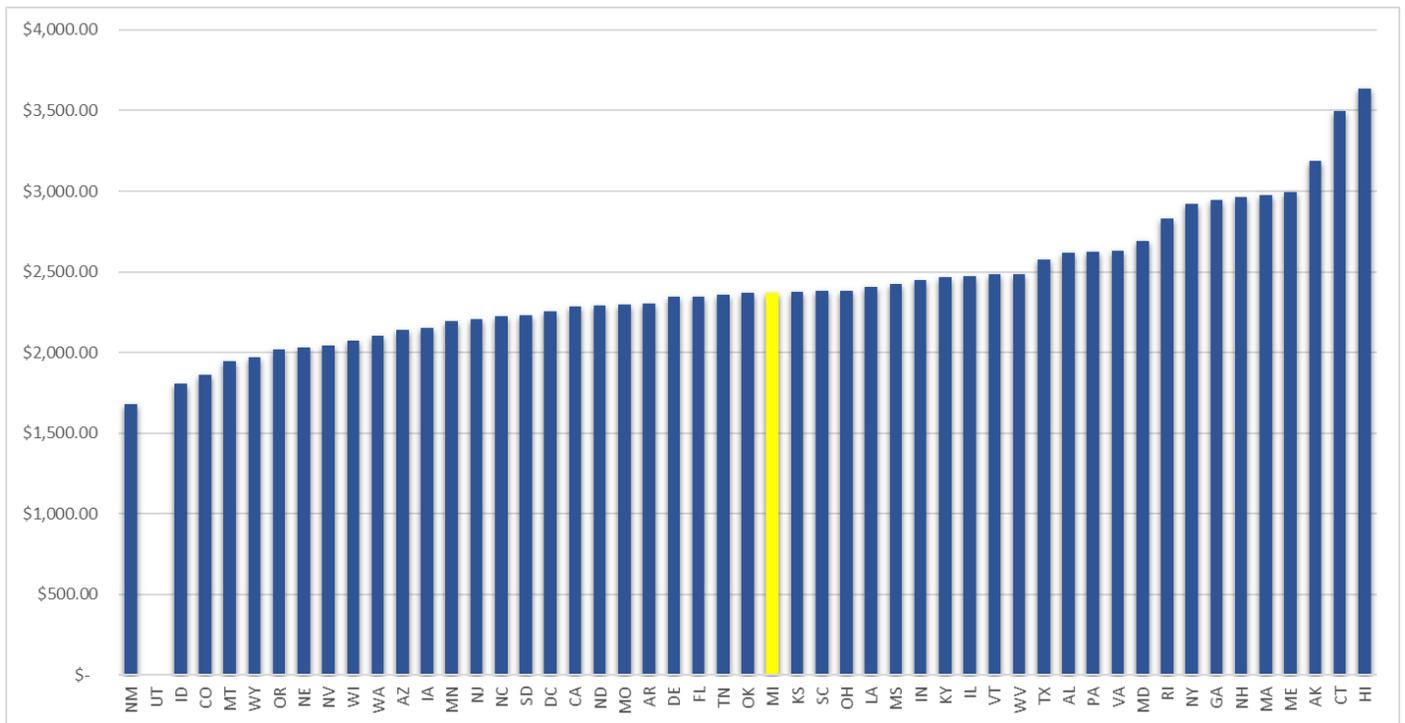


Source: Form EIA-861M (formerly EIA-826) detailed data (<https://www.eia.gov/electricity/data/eia861m/>). Current and Historical Monthly Retail Sales, Revenues, and Average Retail Price by State and By Sector (Form EIA-826). 2023.*

*2023 data is only through September and may change.

The figure below reflects combined average residential electric and natural gas bills. While average rates are important, the actual amount paid by residential customers in bills for electric and natural gas service provides a sense of the impact of energy costs on Michigan residents relative to customers in other states. Utility services are typically billed based on usage per unit (e.g., one kilowatt-hour of electricity), so states with higher energy usage have more unit sales over which to recover energy costs and may end up with lower average rates (total revenues divided by total sales) as a result. Michigan's average is \$2,370.37, compared to the US average of \$2,411.93.¹⁶

2022 Average Residential Electric and Natural Gas Bill

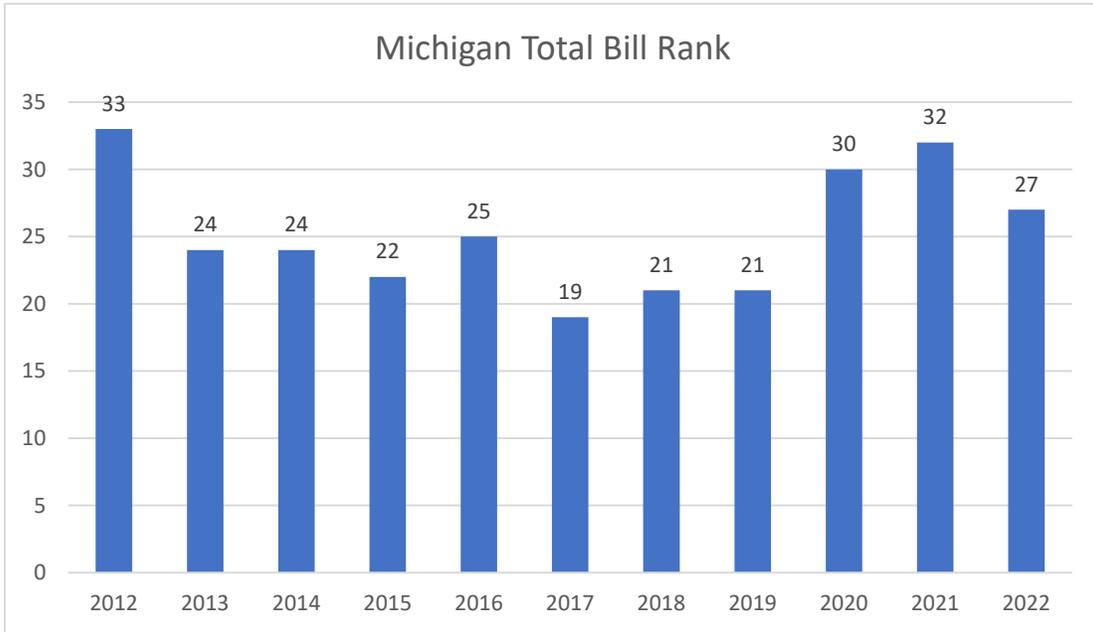


Source: <https://www.eia.gov> - Data through 2022

¹⁶ <https://www.eia.gov>

The figure below reflects Michigan’s combined average residential electric and natural gas bill rankings (from lowest to highest) from 2012 through 2022 compared to all other states. Michigan’s residential bills are 27th lowest among other states.

Michigan Total Bill Rank

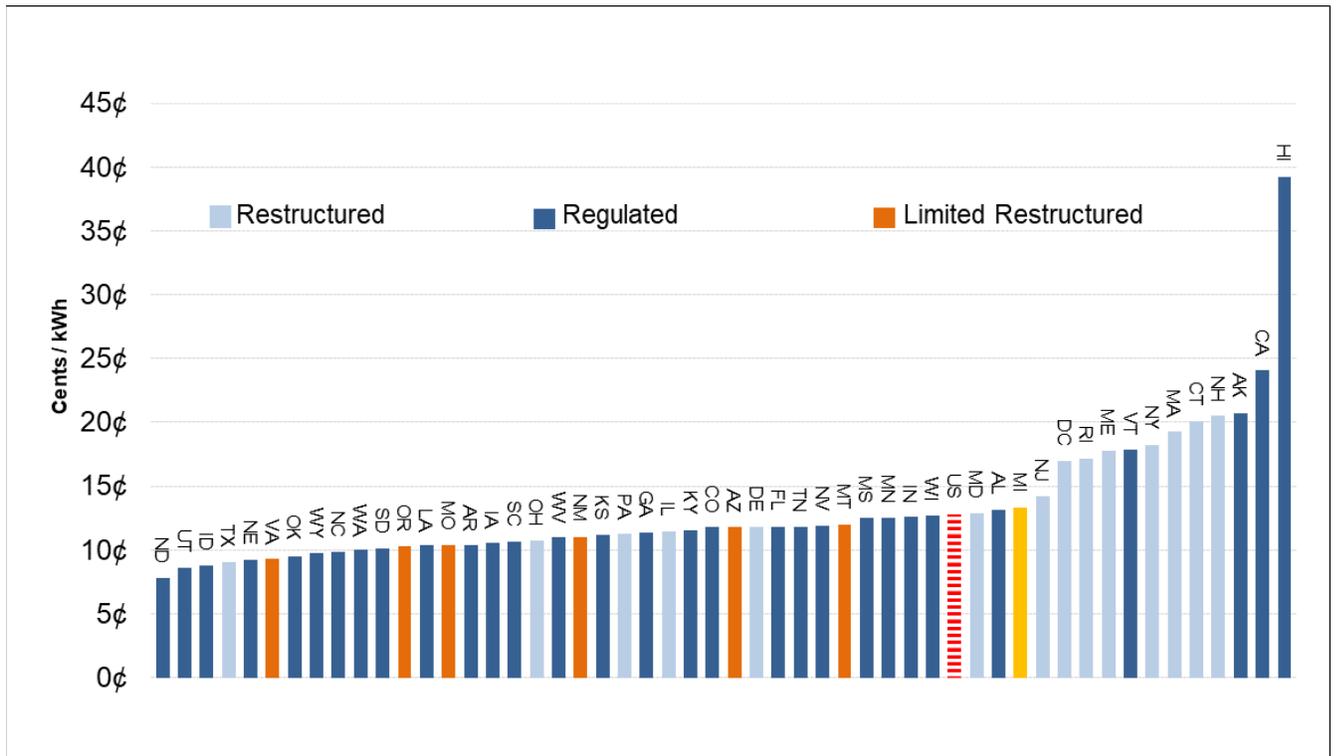


Source: <https://www.eia.gov> - Data through 2022

Commercial Rates

The figures below reflect the 2023 average commercial retail rates. In 2023, Michigan's commercial average retail rates ranked thirteenth highest of the jurisdictions with some type of restructured market at \$0.1332/kWh.

Average Commercial Retail Price, 2023

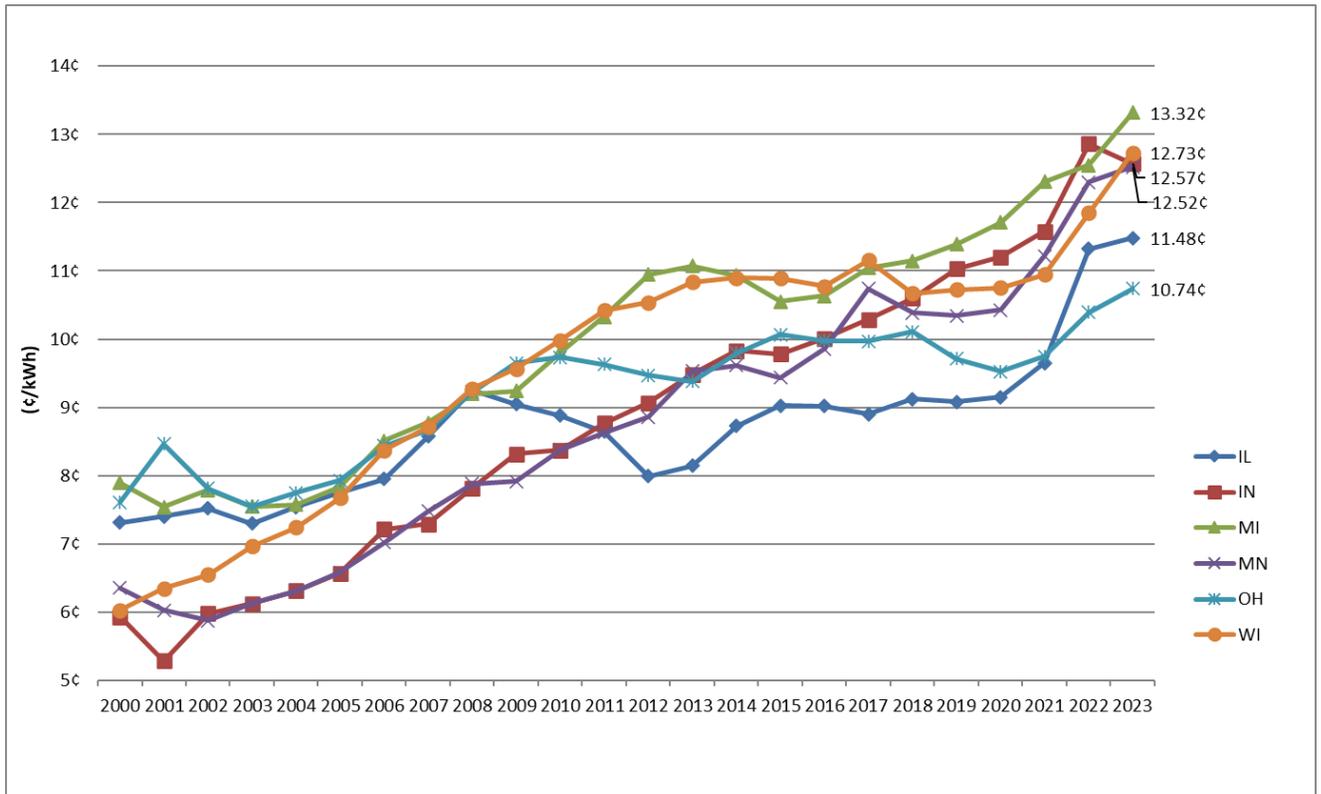


Source: Form EIA-861M (formerly EIA-826) detailed data (<https://www.eia.gov/electricity/data/eia861m/>). Current and Historical Monthly Retail Sales, Revenues, and Average Retail Price by State and By Sector (Form EIA-826). 2023.*

*2023 data is only through October and may change.

The figure below reflects the average commercial retail rates for neighboring Midwest states from 2000 through 2023. In 2023, Michigan's average commercial retail rates ranked the highest among six Midwest states at \$0.1332/kWh. Prices are based on actual reported statewide utility sales and revenues for each year and are not adjusted for inflation.

Average Commercial Retail Rates for Midwest 2000-2023*



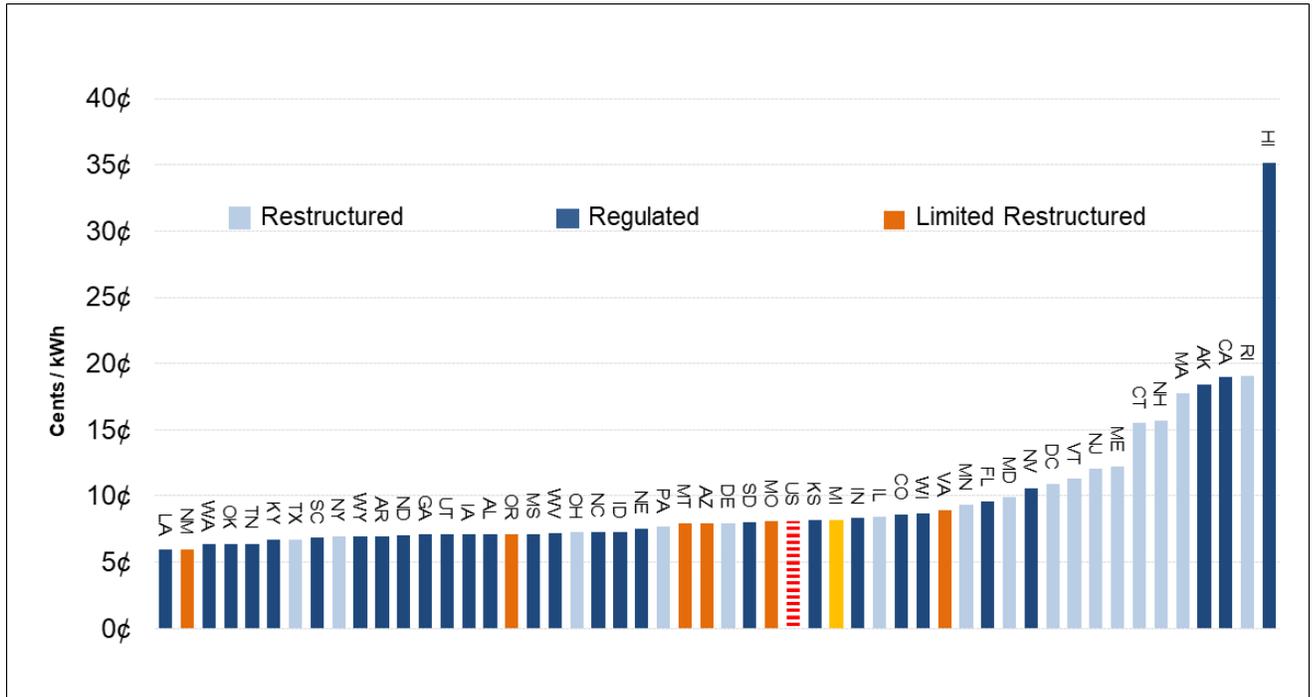
Source: Form EIA-861M (formerly EIA-826) detailed data (<https://www.eia.gov/electricity/data/eia861m/>). Current and Historical Monthly Retail Sales, Revenues, and Average Retail Price by State and By Sector (Form EIA-826). 2023.*

*2023 data is only through September and may change.

Industrial Rates

The figure below reflects the 2023 average industrial retail rates. In 2023, Michigan's industrial retail rates ranked twenty-first highest among jurisdictions with some type of restructured market at \$0.0820/kWh.

Average Industrial Retail Price, 2023

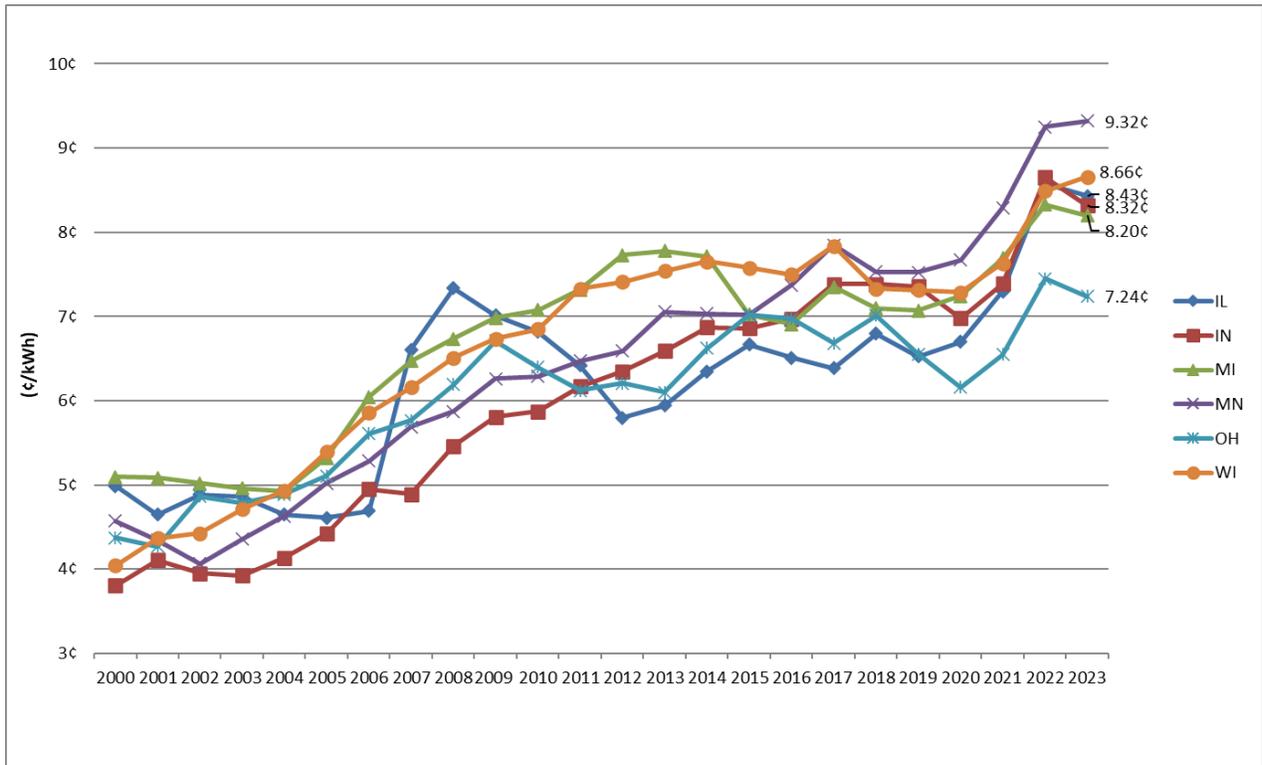


Source: Form EIA-861M (formerly EIA-826) detailed data (<https://www.eia.gov/electricity/data/eia861m/>). Current and Historical Monthly Retail Sales, Revenues, and Average Retail Price by State and By Sector (Form EIA-826). 2023.*

*2023 data is only through September and may change

The figure below reflects the average industrial retail rates for the neighboring Midwest states from 2000 through 2023. In 2023, Michigan's average industrial retail rates ranked the second lowest among the six Midwest states at \$0.0820/kWh. Prices are based on actual reported statewide utility sales and revenues for each year and are not adjusted for inflation.

Average Industrial Retail Rates for Midwest 2000-2023*



Source: Form EIA-861M (formerly EIA-826) detailed data (<https://www.eia.gov/electricity/data/eia861m/>). Current and Historical Monthly Retail Sales, Revenues, and Average Retail Price by State and By Sector (Form EIA-826). 2023.*

*2023 data is only through September and may change.

Commission Action Related to Electric Choice and Customer Protections

The following orders further supported and implemented the framework for Michigan's electric customer choice programs, the provisions of Act 141, and the amendments of Act 286, Act 295 and Act 341¹⁷. Throughout 2023 the Commission issued the following orders in relation to Electric Customer Choice:

- o Three orders relating to capacity demonstration requirements provided for in Act 341;
- o Two orders setting state reliability mechanism capacity rates that may be applicable to retail open access load if AES capacity demonstration requirements are not met by AESs serving in Michigan.

See **Appendix 2** for a complete list and further detail on these orders.

Commission Action on Customer Education

Due to the limit on participation, no licensed AESs are currently marketing or enrolling residential customers. Because of this, there is no current customer education campaign by the MPSC. The MPSC does have a dedicated webpage¹⁸ for consumer information, which includes a Consumer Tip page regarding Michigan's Electric Choice program.

Recommendation for Legislation

The Commission is continually implementing the provisions outlined in PA 341 and has no recommendations for legislation at this time. Throughout 2023, the Commission continued to engage with interested parties regarding the resource adequacy and state reliability mechanism provisions within the 2016 energy law¹⁹. The Commission will continue to closely monitor the impact of the implementation of the 2016 energy law on energy providers and customers in Michigan. Although the Commission does not recommend any legislative changes at this time, the Commission stands ready to assist the Legislature for any reason.

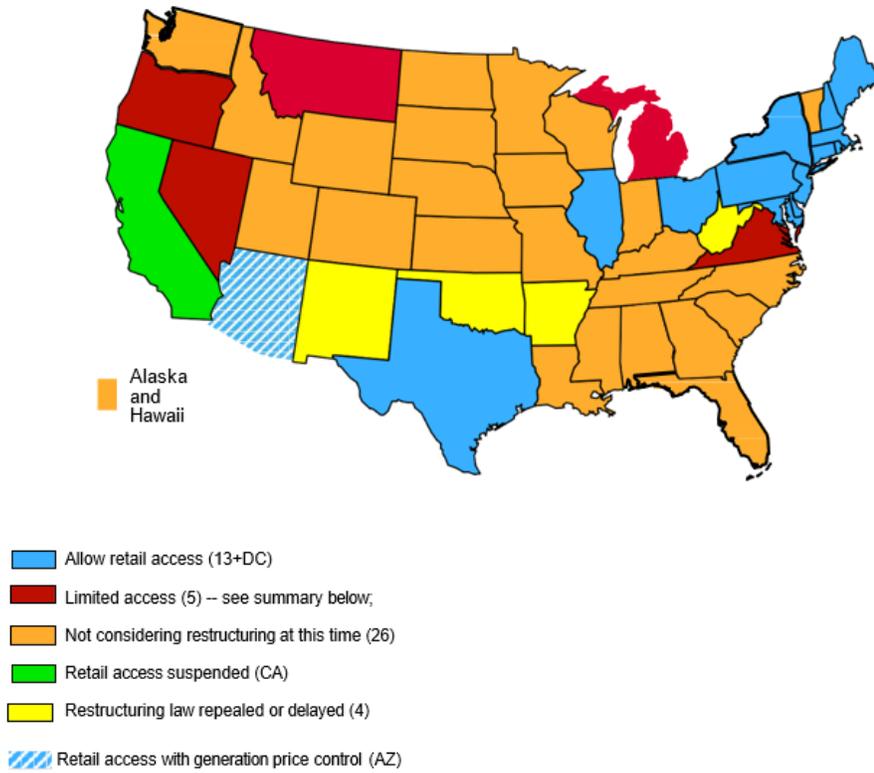
¹⁷ Commission orders are available on the Commission website at <https://mi-psc.force.com/s/>

¹⁸ https://www.michigan.gov/mpsc/0,9535,7-395-93308_93325_93423_93501_93509---,00.html

¹⁹ See https://www.michigan.gov/mpsc/0,4639,7-159-80741_80743-411741--,00.html and http://www.michigan.gov/mpsc/0,4639,7-159-80741_80743-406252--,00.html

Appendix 1

Figure 1



MI: alternative suppliers limited to maximum of 10% of electric utility's retail sales
MT: Retail access repealed for customers < 5 MW and for all customers that choose utility service
NV: retail access limited to large customers > or = 1 MW, with permission of the PUC
OR: nonresidential consumers of PGE and Pacific Power have option to buy electricity from an alternative provider
VA: Retail access ended for most customers -- except those >5 MW (w/conditions for return)

Source: Ken Rose, August 2018, 58th IPU Annual Regulatory Studies Program.

Figure 2

AES Customers in Consumers Energy Service Territory, Year End

AES Name	Number of Customers						MW Served					
	2018	2019	2020	2021	2022	2023	2018	2019	2020	2021	2022	2023
Constellation NewEnergy Inc.	833	841	831	822	821	820	372	398	382	392	419	387
Direct Energy Business ¹	43	40	37	31	13	12	7	6	6	5	3	3
Energy Harbor fka FirstEnergy Solutions ²	22	12	12	13	10	11	149	101	94	98	64	99
Calpine Energy Solutions, LLC fka Noble ⁴	65	65	65	65	61	61	56	69	66	64	63	63
Spartan Renewable Energy	5	5	5	4	4	4	27	28	28	25	25	24
Wolverine Power Marketing	24	26	26	28	29	29	135	137	121	125	127	127
Totals	992	989	976	963	938	937	746	739	697	709	701	701

Note: ¹On September 1, 2008, Strategic Energy, LLC, changed its name to Direct Energy Business, LLC.

² On May 29, 2020, First Energy Solutions Corp., changed its name to Energy Harbor.

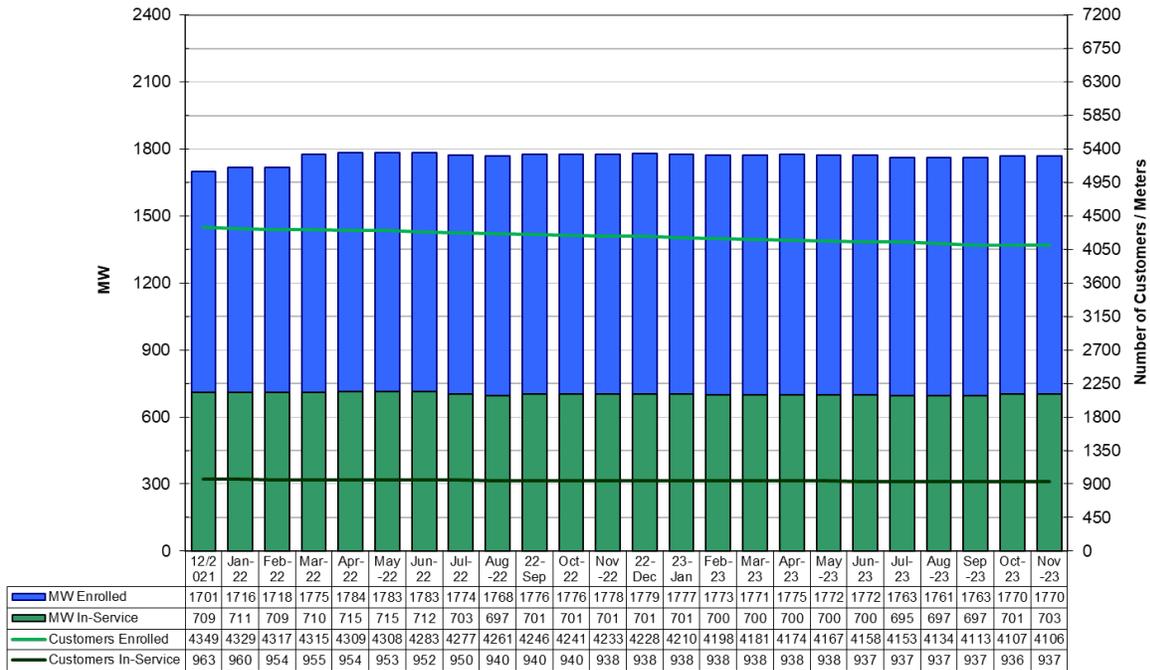
³ On November 3, 2014, Integrys Energy Services, Inc., merged with Constellation, a subsidiary of Exelon Corporation. A legal name change from Integrys Energy Services, Inc. to Constellation Energy Services, Inc. became effective on April 1, 2015. Customers enrolled with Constellation Energy Services fka Integrys were transferred to Constellation NewEnergy Inc. during 2017.

⁴ On November 1, 2010, Sempra Energy Solutions, LLC, changed its name to Noble Americas Energy Solutions, LLC. On December 1, 2016, Noble Americas Energy Solutions, LLC changed its name to Calpine Energy Solutions, LLC.

Figure 3



**Consumers Energy Electric Customer Choice Program Activity
(Cumulative Numbers of Customers & MW, Enrolled and In-Service, by Month
December 2021 - November 2023**



Source: Consumers Energy Company, December 2022.

Notes:

MW Enrolled – Total megawatts actively being served by an AES plus the total megawatts held by the queued customers.

MW In Service – Total megawatts actively being served by an AES.

Customers Enrolled – Total number of customers actively being served by an AES plus the total number of queued customers.

Customers In Service – Total customers actively being served by an AES.

Figure 4

AES Customers in DTE Electric Company Service Territory, Year End

AES Name	Number of Customers						MW Served					
	2018	2019	2020	2021	2022	2023	2018	2019	2020	2021	2022	2023
CMS ERM MI	12	12	12	12	20	19	35	35	35	35	35	35
Just Energy Solutions fka Commerce ¹	111	93	84	75	68	0	3	3	2	2	2	0
Constellation NewEnergy	2,161	2,227	2,191	2,487	2,348	2,263	503	515	505	603	583	597
Direct Energy Business ²	1,342	1,271	1,219	1,181	1,100	1,071	387	370	364	361	332	331
Eligo Energy, MI LLC	15	0	0	0	0	0	1	0	0	0	0	0
Energy Harbor fka FirstEnergy Solutions ³	20	19	19	53	64	70	8	7	7	35	36	32
Constellation Energy Services fka Integrys ⁴	0	0	0	0	0	0	0	0	0	0	0	0
MidAmerican ⁵	0	0	0	0	0	0	0	0	0	0	0	0
Calpine Energy Solutions, LLC fka Noble ⁶	905	907	905	901	1,014	978	116	123	122	124	133	130
Wolverine Power Marketing	115	120	121	37	10	9	79	79	79	160	158	158
Totals⁷	4,681	4,649	4,551	4,746	4,624	4,410	1,132	1,132	1,116	1,320	1,279	1,283

Note: ¹ On April 5, 2017, Commerce Energy Inc. changed its name to Just Energy Solutions, Inc.

² On September 1, 2008, Strategic Energy, LLC, changed its name to Direct Energy Business, LLC.

³ On May 29, 2020, First Energy Solutions Corp., changed its name to Energy Harbor.

⁴ On November 3, 2014, Integrys Energy Services, Inc., merged with Constellation, a subsidiary of Exelon Corporation. A legal name change from Integrys Energy Services, Inc. to Constellation Energy Services, Inc. became effective on April 1, 2015. Constellation Energy Services, Inc. customers were moved to Constellation NewEnergy in 2018.

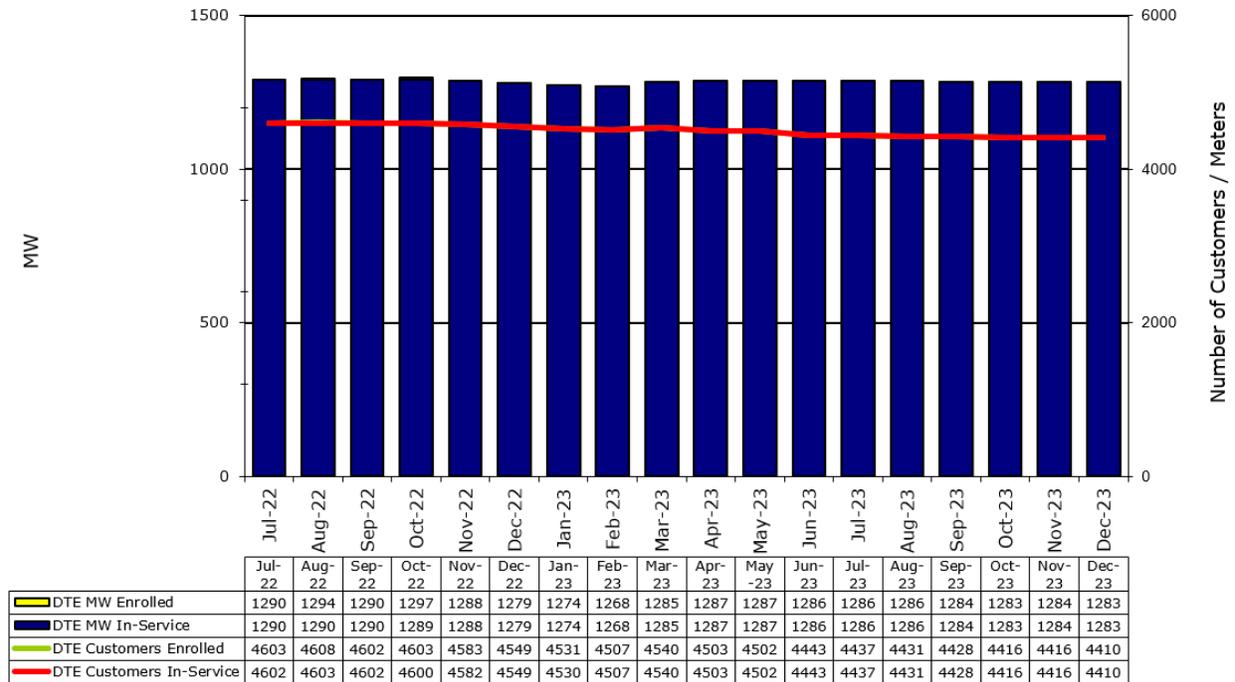
⁵ During 2016, MidAmerican Energy Company transferred their customers to MidAmerican Energy Services and voluntarily rescinded its AES license. MidAmerican now refers to MidAmerican Energy Services.

⁶ On November 1, 2010, Sempra Energy Solutions, LLC, changed its name to Noble Americas Energy Solutions, LLC. On December 1, 2016, Noble Americas Energy Solutions, LLC changed its name to Calpine Energy Solutions, LLC.

⁷ Total does not add correctly due to rounding

Figure 5

**DTE Electric Customer Choice Program Activity, as of 12/31/23
(Cumulative Numbers of Customers & MW, Enrolled and In-Service, by Month)**



The red and green lines overlap with identical numbers.

The blue and yellow bars overlap with identical numbers.

Source: DTE Electric Company, December 2023.

Notes:

MW Enrolled – Megawatts that have requested to switch to another AES.

MW In Service - Total megawatts actively being served by an AES.

Customers Enrolled – Customers who have requested to switch to another AES.

Customers In Service – Total customers actively being served by an AES.

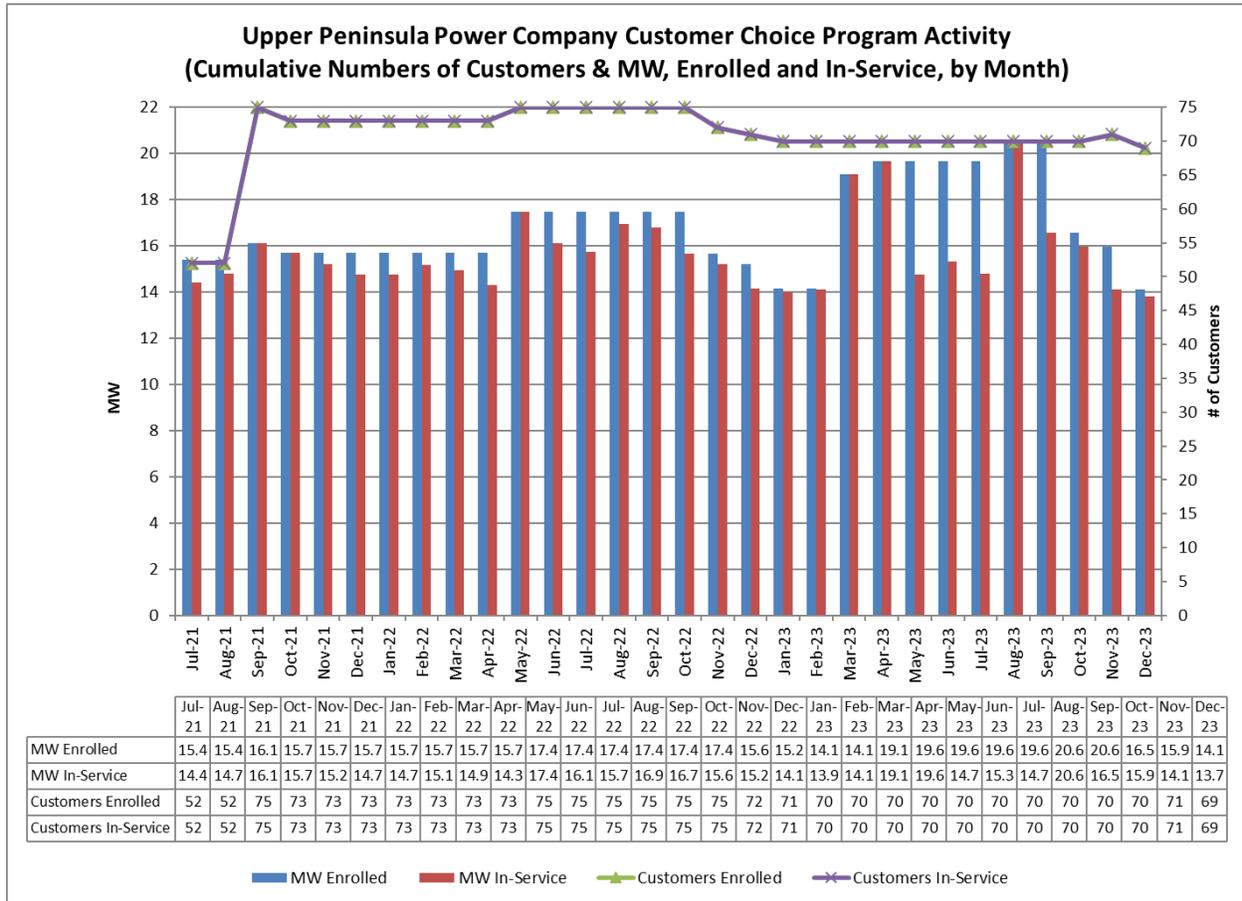
Figure 6

AES Customers in the UPPCo Service Territory, Year End

AES Name	Number of Customers						MW Served					
	2018	2019	2020	2021	2022	2023	2018	2019	2020	2021	2022	2023
Constellation Energy Services fka Integrys ¹	0	0	0	0	0	0	0	0	0	0	0	0
Constellation NewEnergy	56	51	51	71	69	67	6.614	6.33	6.174	7.712	7.125	6.942
UP Power Marketing	0	0	0	0	0	0	0	0	0	0	0	0
Wolverine Power Marketing	2	2	2	2	2	2	6.877	6.95	5.908	7.049	7.025	6.852
Totals	58	53	53	73	71	69	13.491	13.28	12.08	14.761	14.150	13.794

Note: ¹On November 3, 2014, Integrys Energy Services, Inc., merged with Constellation, a subsidiary of Exelon Corporation. A legal name change from Integrys Energy Services, Inc. to Constellation Energy Services, Inc. became effective on April 1, 2015. Constellation Energy Services, Inc. customers were moved to Constellation NewEnergy in 2018.

Figure 7



Source: Upper Peninsula Power Company, December 2023.

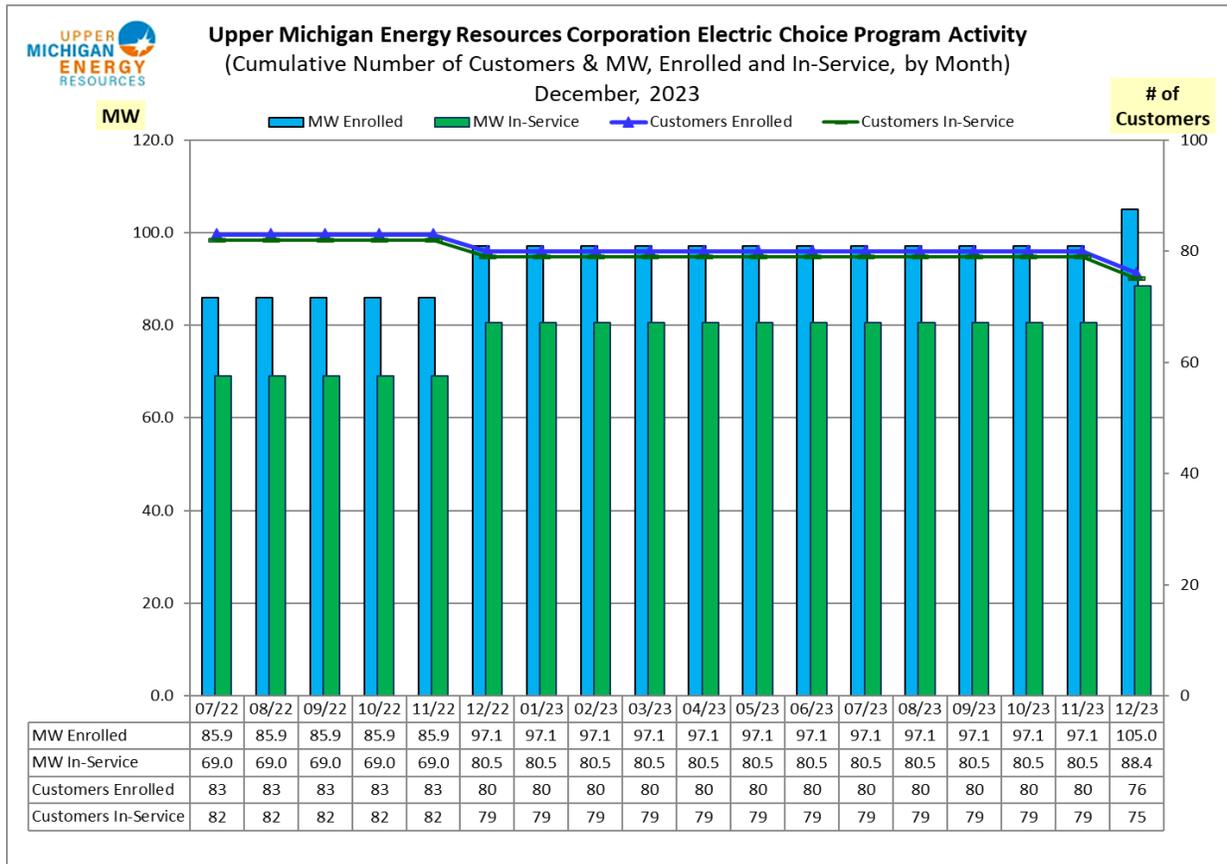
Figure 8

AES Customers in the UMERC Service Territory, Year End

AES Name	Number of Customers					MW Served				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
Constellation Energy Services fka Integrys ¹	0	0	0	0	0	0	0	0	0	0
Constellation NewEnergy, Inc.	84	84	82	79	76	72.2	72.2	69	80.5	88.4
Totals	84	83	82	79	75	72.2	65.1	69	80.5	88.4

Note: ¹On November 3, 2014, Integrys Energy Services, Inc., merged with Constellation, a subsidiary of Exelon Corporation. A legal name change from Integrys Energy Services, Inc. to Constellation Energy Services, Inc. became effective on April 1, 2015. Constellation Energy Services, Inc. customers were moved to Constellation NewEnergy in 2018.

Figure 9



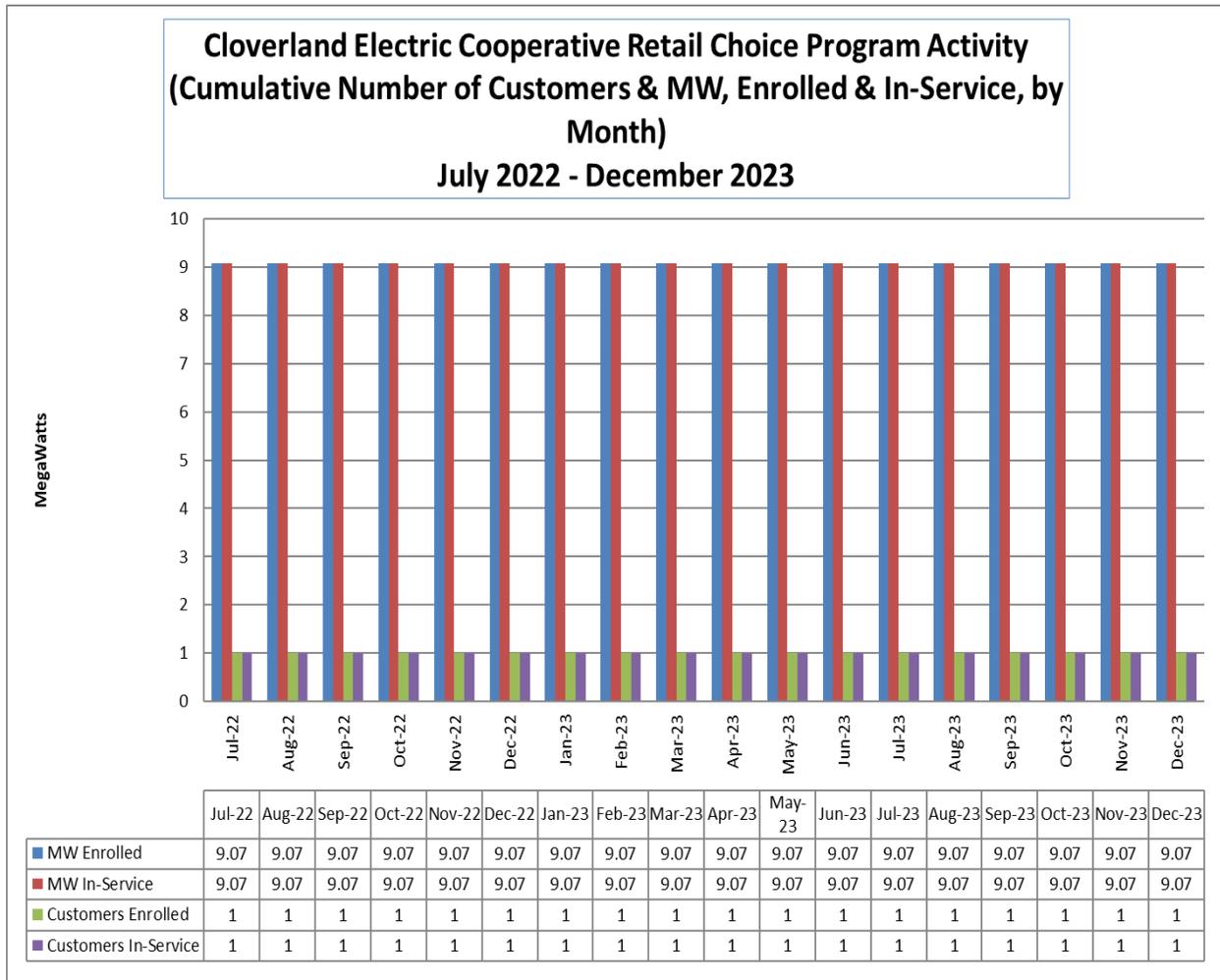
Source: Upper Michigan Energy Resources Corporation, December 2023

Figure 10

AES Customers in the Cloverland Service Territory, Year End

AES Name						MW Served						
		2019	2020	2021	2022	2023	2018	2019	2020	2021	2022	2023
Spartan Renewable	1	1	1	1	1	1	8	8.7	9.07	9.07	9.07	9.07
Totals	1	1	1	1	1	1	8	8.7	9.07	9.07	9.07	9.07

Figure 11



Source: Cloverland Electric Cooperative, December 2023.

Figure 12

AES Customers in the Indiana Michigan Power Service Territory, Year End

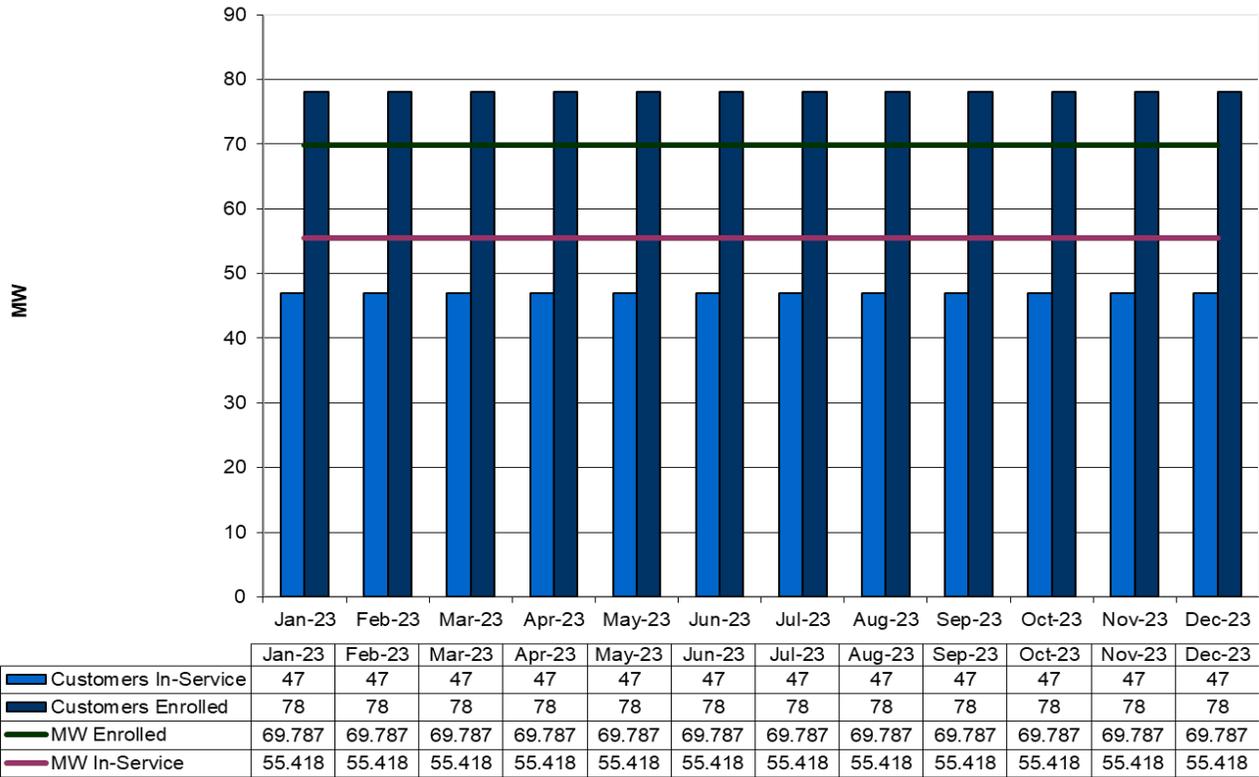
AES Name	Number of Customers				MW Served			
	2020	2021	2022	2023	2020	2021	2022	2023
Constellation NewEnergy, Inc.	41	48	47	47	52.86	55.1	54.6	55.42
Totals	41	48	47	47	52.86	55.1	54.6	55.42

Figure 13



Electric Choice Customer Participation

January 2023 to Present



Source: Indiana Michigan Power, December 2023.

Appendix 2

Michigan Public Service Commission Orders Related to Implementation of Public Acts 141 of 2000, 286 of 2008 and 341 of 2016

Provisions in 2016 Act 341 Sec. 6w require all electric providers, including AESs, to demonstrate to the MPSC that they have enough resources to serve the anticipated needs of their customers four years forward. If an AES cannot or chooses not to arrange generating capacity to meet the new requirement, they would be subject to the SRM Charge. The SRM Charge is set by the MPSC and would be paid to the utility. The following are SRM cases that impact AESs:

- Consumers Energy Company – U-21224, order dated January 19, 2023
- Upper Peninsula Power Company – U-21104, order dated November 4, 2021
- Upper Michigan Energy Resources Corporation – U-21370, order dated August 30, 2023
- Cloverland Electric Cooperative – U-20508, order dated July 2, 2019
- DTE Electric Company – U-20836, order dated November 18, 2022
- Indiana Michigan Power Company – U-20359, order dated January 23, 2020

U-21225 - In the matter, on the Commission's own motion, to open a docket for load serving entities in Michigan to file their capacity demonstrations as required by MCL 460.6w. On July 26, 2023, the Commission accepted in part Staff's Report and adopted the recommendations with respect to the 2026-2027 planning year capacity demonstration.

U-21393 - In the matter, on the Commission's own motion, to open a docket for load serving entities in Michigan to file their capacity demonstrations as required by MCL 460.6w. On July 26, 2023, the Commission opened this docket for all electric providers, including AESs, to file their capacity demonstrations for the 2027/2028 planning year. The deadline for filing these demonstrations was extended to February 15 and March 1, 2024 for utilities and March 15, 2024 for AESs.

U-18444 - In the matter on the Commission's own motion to open a contested case proceeding for determining the process and requirements for a forward locational requirement under MCL 460.6w. On October 11, 2017, the Commission opened a contested case proceeding for determining the process and requirement for a forward locational requirement under MCL 460.6w.

Appendix 3

Michigan Licensed Alternative Electric Suppliers

Company Name, Address, Contact Information	Case Number	Authorization Date
AEP Energy, Inc. 2723 South State Street, Suite 150, Ann Arbor, MI 48104 Phone: 866-258-3782 Fax: 734-794-4701 Email: care@AEPenergy.com URL: www.AEPenergy.com	U-14764	2/9/2006
BP Energy Retail Company, LLC 40600 Ann Arbor Rd. E, Suite 200 Plymouth, MI 48170 Phone: 877-432-4530 Fax: 281-653-1436 Email: retailcustomercare@bp.com URL: www.bp.com/retailenergy	U-17937	2/23/2016
Calpine Energy Solutions f/k/a Noble Americas Energy Solutions, LLC 2000 Town Center, Suite 1900, Southfield, MI 48075 Phone: 877-273-6772 Fax: 619-684-8355 Email: customerservice@CalpineSolutions.com URL: www.CalpineSolutions.com	U-13361	4/16/2002
CMS ERM Michigan LLC One Energy Plaza, Suite 1060, Jackson, MI 49201- 2277 Phone: 517-788-0493 Fax: 517-787-4606	U-12567	8/17/2000
Constellation NewEnergy, Inc. 38779 6 Mile Rd., Livonia, MI 48152 Phone: 877-465-1244 Email: home@constellation.com URL: www.constellation.com	U-13660	12/20/2002
Dillon Power, LLC 23409 Jefferson Ave., Suite 110, St. Clair Shores, MI 48080 Phone: 866-919-2679 Email: info@dillonpower.com URL: www.dillonpower.com	U-17723	1/13/2015
Direct Energy Services, LLC 110 W Michigan Ave., Suite 500, Lansing, MI 48933 Phone: 866-326-8559 Email: csdirectenergy@directenergy.com URL: www.directenergy.com	U-14724	12/20/2005
Eligo Energy MI, LLC 2000 Town Center, Suite 1900, Southfield, MI, 48075 Phone: 888-744-8125 Email: customerservice@eligoenergy.com URL: www.eligoenergy.com	U-17697	6/15/2015
ENGIE Gas & Power f/k/a Plymouth Energy 40600 Ann Arbor Rd. E, Ste. 201, Plymouth, MI 48170 Phone: 855-327-6937 Fax: 516-295-1417 Email: customercare@plymouthenergy.com URL: www.plymouthenergy.com	U-17492	1/23/2014
Energy Harbor LLC f/k/a FirstEnergy Solutions 30600 Telegraph Rd. #2345, Bingham Farms, MI 48025 Phone: 888-254-6359 Fax: 888-820-1416 Email: firstchoice@fes.com URL: www.energyharbor.com	U-13244	1/08/2002

Company Name, Address, Contact Information	Case Number	Authorization Date
Energy International Power Marketing dba PowerOne 6840 N. Haggerty Rd., Canton, MI 48187 Phone: 734-354-2000 Fax: 734-354-4225 Email: rfawaz@energyintl.com URL: https://energyintl.com/	U-13280	2/01/2002
Energy Services Providers, Inc. d/b/a Michigan Gas & Electric 930 State Street Suite 15B, Harbor Springs, MI 49740 Phone: 866-705-3610 Fax: 888-829-5797 Email: CustomerRelations@MIGandE.com URL: www.MIGandE.com	U-16912	4/6/2012
Interstate Gas Supply, Inc. d/b/a IGS Energy 306 East Main Street, Suite 230, Niles, MI 49120 Phone: 888-993-0997 Email: choice@igsenergy.com URL: www.igsenergy.com	U-17243	6/28/2013
Just Energy Solutions, Inc. f/k/a Commerce Energy Inc. 30300 Telegraph Rd. Suite 350, Bingham Farms, MI 48025 Phone: 866-587-8674 Fax: 888-548-7690 Email: cswest@justenergy.com URL: cswest@justenergy.com	U-13203	11/20/2001
MidAmerican Energy Services, LLC 39555 Orchard Hill Place, Suite 600, Novi, MI 48375 Phone: 800-432-8574 Fax: 563-333-8563 Email: support@midamericanenergyservices.com URL: www.midamericanenergyservices.com	U-17888	9/10/2015
Nordic Energy Services, LLC 2723 South State Street, Suite 150, Ann Arbor, MI 48104 Phone: 877-808-1022 Fax: 888-370-2027 Email: customerservice@nordicenergy-us.com URL: www.nordicenergy-us.com	U-17968	4/14/2016
NRG Energy, Inc. 110 W Michigan Ave., Suite 500, Lansing, MI 48933 Phone: 866-348-4193 Email: DEBSales@directenergy.com URL: www.business.directenergy.com	U-13609	11/7/2002
Spartan Renewable Energy, Inc. 10125 W. Watergate Road, P. O. Box 100, Cadillac, MI 49601 Phone: 877-907-WPMC Fax: 231-775-0172 Email: cgeiger@spartanrenewable.com URL: www.spartanrenewable.com	U-15309	09/18/2007
Texas Retail Energy, LLC 208 N Capitol Ave., 3 rd Floor, Lansing, MI 48933 Phone: 866-532-0761 Fax: 479-204-0936	U-17076	12/6/2012
U.P. Power Marketing LLC 29639 Willow Rd., White Pine, MI 49971 Phone: 906-885-7100 Fax: 906-885-7400 Email: zach.halkola@traxys.com URL: www.traxys.com	U-14594	10/25/2007
Wolverine Power Marketing Cooperative, Inc. 10125 W. Watergate Road, P. O. Box 100, Cadillac, MI 49601 Phone: 877-907-WPMC Fax: 231-775-0172 Email: sfrederick@wpmc.coop URL: www.wpmc.coop	U-12723	11/20/2000

This list is current as of December 2023. An up-to-date AES directory is maintained on the [MPSC](#) Website.