

# **STATUS OF ELECTRIC COMPETITION IN MICHIGAN**

Report for Calendar Year 2015

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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. The report is to include 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 time.<sup>1</sup> As a result, 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 online.<sup>2</sup>

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

<sup>2</sup> Order dated September 29, 2009 in Case No. U-15801

## **I. Status of Competition for Electric Supply**

### **A. 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), Upper Peninsula Power Company (UPPCo), Wisconsin Electric Power Company (WEPCo) and Wisconsin Public Service Corporation (WPSC) territories. As of September 2015, Cloverland Electric Company (Cloverland) no longer has customers participating in electric choice while Indiana Michigan Power Company (I&M) has not experienced customers participating since April 2013.

Michigan is one of 19 jurisdictions that had full or limited restructuring of retail electric markets in 2015.<sup>3</sup> In Michigan, 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.<sup>4</sup>

#### **1. Michigan’s Electric Customer 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

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<sup>3</sup> Chart 1 (Appendix 1, p. 21)

<sup>4</sup> [http://www.dleg.state.mi.us/mpsc/electric/restruct/faq/cap\\_data.html](http://www.dleg.state.mi.us/mpsc/electric/restruct/faq/cap_data.html)

megawatt (MW).<sup>5</sup> Michigan's current retail electric market maintains regulation of most utility generation and distribution while allowing for competitive energy supply.

As of December 2015, there were approximately 6,140 customers participating in the electric choice programs (compared to 6,460 in 2014). This represents approximately 1,964 MW of electric demand, which is a decrease of about 390 MW from 2014. As of December 2015, approximately 11,000 customers remain in the queue.

## **2. Michigan Renewable Energy Programs**

In accordance with PA 295 of 2008 (Act 295), the Commission is required to review electric provider renewable energy plans every two years. For nearly all AESs with initial renewable energy plans approved in 2009, the third biennial reviews were required in 2015. AESs currently serving customers filed applications requesting approval of renewable energy plans. For AESs not currently serving customers, the biennial review consists of a letter filed with the Commission indicating the AES does not serve any customers. In 2015, there were 20 AESs required to file biennial reviews or letters, all of which had approved orders issued by the commission. Two initial renewable energy plans were approved in 2015 for AESs that were licensed during 2015.

### **B. Alternative Electric Suppliers**

There were 28 licensed AESs with 11 of those actively serving customers as of December 2015.<sup>6</sup> The Commission issued three new AES licenses in 2015 for Dillon

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<sup>5</sup> MCL 460.10x and MCL 460.10y outline different requirements for implementation of 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.

<sup>6</sup> See Appendix 1: Chart 2 (p. 22), Chart 4 (p. 24), Chart 6 (p. 26), Chart 8 (p. 28), Chart 10 (p. 30), Chart 12 (p. 32)

Power, LLC, Eligo Energy MI, LLC and MidAmerican Energy Services, LLC while Energy.me Midwest, LLC d/b/a energy.me voluntarily relinquished its license.<sup>7</sup>

### **C. Load Served through Electric Customer Choice Programs**

Commercial and industrial customers accounted for almost all of the participation in the electric choice programs during 2015. Typical choice participants are large industrial manufacturers and mid-size commercial customers including retailers, restaurants, healthcare facilities, school systems and other service providers. The number of residential choice customers participating in the electric choice program is negligible.

#### **1. Consumers Energy Electric Customer Choice Program**

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 Chart 2 (Appendix 1, p. 22). The electric choice load served in the Consumers Energy service territory at year-end 2015 totaled 751 MW. This compares to 771 MW in 2014. There were 1,030 customers served by AESs at year-end 2015 compared to 1,050 in 2014.<sup>8</sup>

Additional information depicting trends in the Consumers Energy electric customer choice program is included in Appendix 1. Chart 3 (Appendix 1, p. 23) shows the number of customers participating and the load served on a monthly basis from July 2014 through December 2015.

Below is a summary of cap related data for Consumers Energy for 2013 – 2015. To date, Consumers Energy is fully subscribed at the 10 percent cap.

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<sup>7</sup> See Appendix 2 for a complete list and further details on these orders.

<sup>8</sup> Chart 2 (Appendix 1, p. 22)

Consumers Energy			
	2013	2014	2015
Weather-Adjusted Retail Sales	37,298,206 MWh	36,331,256 MWh	37,248,655 MWh
Participation Level	4,011,850 MWh	3,948,370 MWh	3,944,526 MWh
Participation Percent	10.77%	10.87%	10.59%
Customers in Service	1,065	1,050	1,030
Customers in Queue	6,074	5,792	5,683
Total Load in Queue	5,338,503 MWh	6,188,136 MWh	5,434,588 MWh
<i>Participation Percent w/o Cap</i>	<i>25.07%</i>	<i>27.90%</i>	<i>25.18%</i>

Consumers Energy experienced a decrease in both the number of customers in the queue and load from 2014 to 2015. Hypothetically, if the cap did not exist, choice participation would be approximately 25 percent.

## 2. DTE Electric Company Electric Customer Choice Program

The number of customers and the electric demand served by each AES in the DTE service territory at the end of the year is shown in Chart 4 (Appendix 1, p. 24). The electric choice load served in the DTE service territory at year-end 2015 totaled 1,137 MW compared to 1,168 MW in 2014. The number of customers served by AESs totaled 4,986 at year-end 2015 compared to 5,285 in 2014.<sup>9</sup>

Additional information depicting trends in the DTE electric customer choice program is included in Appendix 1. Chart 5 (Appendix 1, p. 25) shows the number of customers participating and the load served on a monthly basis from July 2014 through December 2015.

Below is a summary of cap related data for DTE for 2013 – 2015. To date, DTE is fully subscribed at the 10 percent cap.

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<sup>9</sup> Chart 4 (Appendix 1, p. 24)

DTE Electric Company			
	2013	2014	2015
Weather-Adjusted Retail Sales	46,830,494 MWh	47,714,848 MWh	47,491,217 MWh
Participation Level	5,163,132 MWh	5,154,814 MWh	4,966,522 MWh
Participation Percent	11.03%	10.80%	10.46%
Customers in Service	5,491	5,285	4,986
Customers in Queue	5,295	5,262	5,181
Total Load in Queue	5,181,881 MWh	5,379,877 MWh	5,301,777 MWh
<i>Participation Percent w/o Cap</i>	<i>22.09%</i>	<i>22.08%</i>	<i>21.62%</i>

DTE experienced a decrease in both the number of customers in the queue and load from 2014 to 2015. Hypothetically, if the cap did not exist, choice participation would be approximately 22 percent.

### 3. UPPCo Electric Customer Choice Program

The number of customers and the electric demand served by each AES at the end of the year is shown in Chart 6 (Appendix 1, p. 26). The electric choice load served in the UPPCo service territory at year-end 2015 totaled 14.1 MW compared to 14.24 MW in 2014. The number of customers served totaled 60 at year-end 2015 which is the same amount of customers at year end 2014.<sup>10</sup>

Additional information depicting trends in the UPPCo electric customer choice program is included in Appendix 1. Chart 7 (Appendix 1, p. 27) shows the number of customers participating and the load served on a monthly basis from July 2014 through December 2015.

Below is a summary of cap related data for UPPCo for 2013-2015. The current level of choice participation is approximately 10.12 percent. Hypothetically, if the cap did not exist, choice participation would be approximately 15 percent.

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<sup>10</sup> Chart 6 (Appendix 1, p. 26)



Upper Peninsula Power Company			
	2013	2014	2015
Weather-Adjusted Retail Sales	847,567 MWh	836,194 MWh	856,851 MWh
Participation Level	84,686 MWh	87,947 MWh	86,724 MWh
Participation Percent	9.99%	10.52%	10.12%
Customers in Service	39	60	60
Customers in Queue	31	65	66
Total Load in Queue	10,289 MWh	42,417 MWh	42,713 MWh
<i>Participation Percent w/o Cap</i>	<i>11.21%</i>	<i>15.59%</i>	<i>15.11%</i>

#### 4. WEPCo Electric Customer Choice Program

The number of customers and the electric demand served by each AES at the end of the year is shown in Chart 8 (Appendix 1, p. 28). The electric choice load served in the WEPCo service territory at year-end 2015 totaled 56.2 MW compared to 386.4 MW in 2014. The number of customers served totaled 51 which is the same amount of customers at year end 2014.<sup>11</sup>

Additional information depicting trends in the WEPCo electric customer choice program is included in Appendix 1. Chart 9 (Appendix 1, p. 29) shows the number of customers participating and the load served on a monthly basis from July 2014 through December 2015.

Below is a summary of cap related data for WEPCo for 2013-2015. The current level of choice participation is approximately 7.82 percent. Two mining facilities migrated to choice within WEPCo's service territory during 2013 which, when combined with several other industrial customers that began being served by AESs in 2013, resulted in approximately 84 percent of WEPCo's load taking choice service. Act 286 provides that any customer operating an iron ore mining facility, iron ore processing facility, or both, located in the Upper Peninsula of this state, is permitted to purchase all or any

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<sup>11</sup> Chart 8 (Appendix 1, p. 28)

portion of its electricity from an AES, regardless of whether the sales exceed 10 percent of the serving electric utility’s average weather-adjusted retail sales. The mining facilities that migrated to choice during 2013 returned to WEPCo power supply on February 1, 2015.

Wisconsin Electric Power Company			
	2013	2014	2015
Weather-Adjusted Retail Sales	2,549,536 MWh	2,496,185 MWh	2,824,050 MWh
Participation Level	2,173,619 MWh	2,084,930 MWh	220,963 MWh
Participation Percent	85.26%	83.52%	7.82%
Customers in Service	51	51	51
Customers in Queue	2	8	0
Total Load in Queue	1,350 MWh	3,208 MWh	0 MWh
<i>Participation Percent w/o Cap</i>	<i>85.31%</i>	<i>83.65%</i>	<i>N/A</i>

### 5. WPSC Electric Customer Choice Program

The number of customers and the electric demand served by each AES at the end of the year is shown in Chart 10 (Appendix 1, p. 30). The electric choice load served in the WPSC service territory at year-end 2015 totaled 5.3 MW compared to 4.5 MW in 2014. The number of customers served totaled 16 at year-end 2015, compared to 13 in 2014.<sup>12</sup>

Additional information depicting trends in the WPSC electric customer choice program is included in Chart 11 (Appendix 1, p. 31) which shows the number of customers participating and the load served on a monthly basis from July 2014 through December 2015.

Below is a summary of cap related data for WPSC for 2013-2015. The current level of choice participation is approximately 9.67 percent.

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<sup>12</sup> Chart 10 (Appendix 1, p. 30)

Wisconsin Public Service Company			
	2013	2014	2015
Weather-Adjusted Retail Sales	286,303 MWh	282,845 MWh	283,362 MWh
Participation Level	21,537 MWh	21,431 MWh	27,395 MWh
Participation Percent	7.52%	7.58%	9.67%
Customers in Service	13	13	16
Customers in Queue	0	0	0
Total Load in Queue	0 MWh	0 MWh	0 MWh
<i>Participation Percent w/o Cap</i>	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>

## 6. Cloverland Electric Customer Choice Program

During 2014, one customer began taking electric choice service in the Cloverland service territory. By September 2015 that customer was no longer taking electric choice. The number of customers and the electric demand served by the AES throughout 2014 and 2015 is shown in Chart 12 (Appendix 1, p. 32). The electric choice load served in the Cloverland service territory at year-end 2015 totaled 0 MW compared to 9.4 MW in 2014, all of which was attributable to one customer.<sup>13</sup>

Additional information depicting trends in the Cloverland electric customer choice program is included in Chart 13 (Appendix 1, p. 33) which shows the number of customers participating and the load served on a monthly basis from June 2014 through December 2015.

Below is a summary of cap related data for Cloverland. Currently, there is no choice participation.

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<sup>13</sup> Chart 12 (Appendix 1, p. 32)

Cloverland Electric Cooperative		
	2014	2015
Weather-Adjusted Retail Sales	824,820 MWh	839,832 MWh
Participation Level	82,344 MWh	0 MWh
Participation Percent	9.98%	0%
Customers in Service	1	0
Customers in Queue	0	0
Total Load in Queue	0 MWh	0 MWh
<i>Participation Percent w/o Cap</i>	<i>N/A</i>	<i>N/A</i>

## 7. I&M Electric Customer Choice Program

In February 2012, Case No. U-17032 was initiated by the Commission to establish a state compensation mechanism for AES capacity in I&M’s Michigan service territory. In May 2012, customers began taking choice service in I&M’s service territory and by June 2012, I&M’s choice program was fully subscribed at the 10 percent cap. In September 2012, the Commission approved the creation of a state compensation mechanism for AES capacity in I&M’s Michigan service territory in Case No. U-17032. Since April 2013, there has been no choice participation in I&M’s territory.

### D. Benchmarking Michigan’s Electric Prices<sup>14</sup>

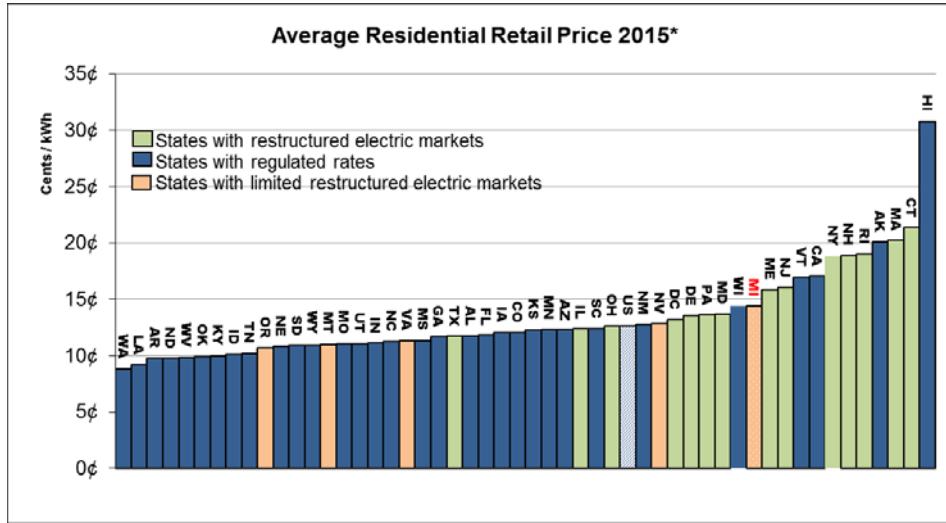
This report provides benchmark data that compares Michigan’s electric prices to those of other jurisdictions based on customer class. The data shown in the following charts for 2015 reflects January through August 2015.

#### 1. Residential Rates

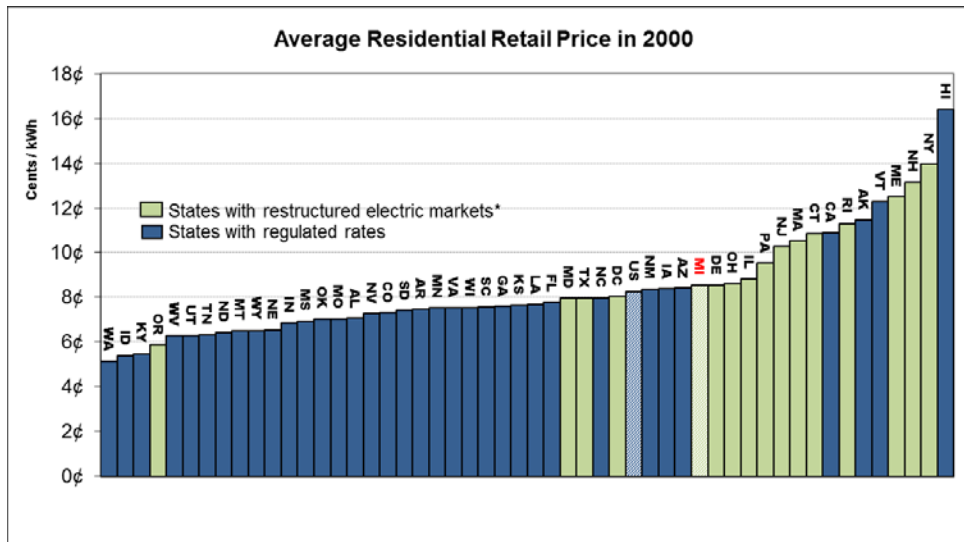
The charts below reflect the 2015 and 2000 average residential retail rates. In 2015, Michigan’s average residential retail rates ranked eighth highest among the 19 jurisdictions with some type of restructured market at \$0.1438/kWh. Michigan ranked

<sup>14</sup> 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.

fifth lowest in 2000.

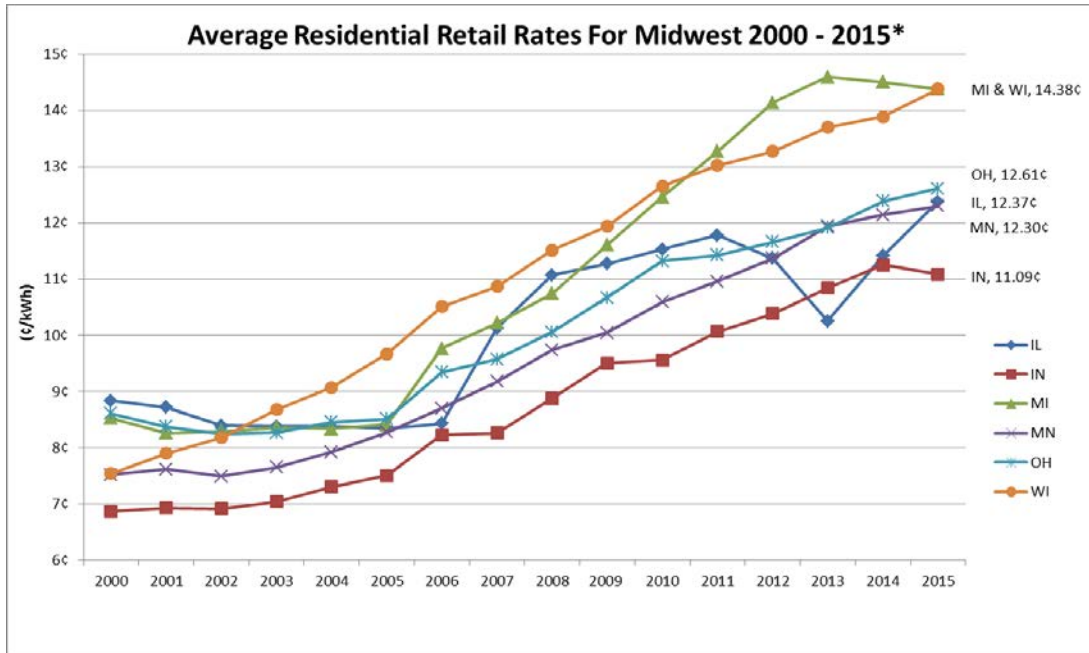


Source, [http://www.eia.doe.gov/cneaf/electricity/page/sales\\_revenue.xls](http://www.eia.doe.gov/cneaf/electricity/page/sales_revenue.xls), Current and Historical Monthly Retail Sales, Revenues, Average Retail Price by State and By Sector (Form EIA-826). \*2015 data is through August.



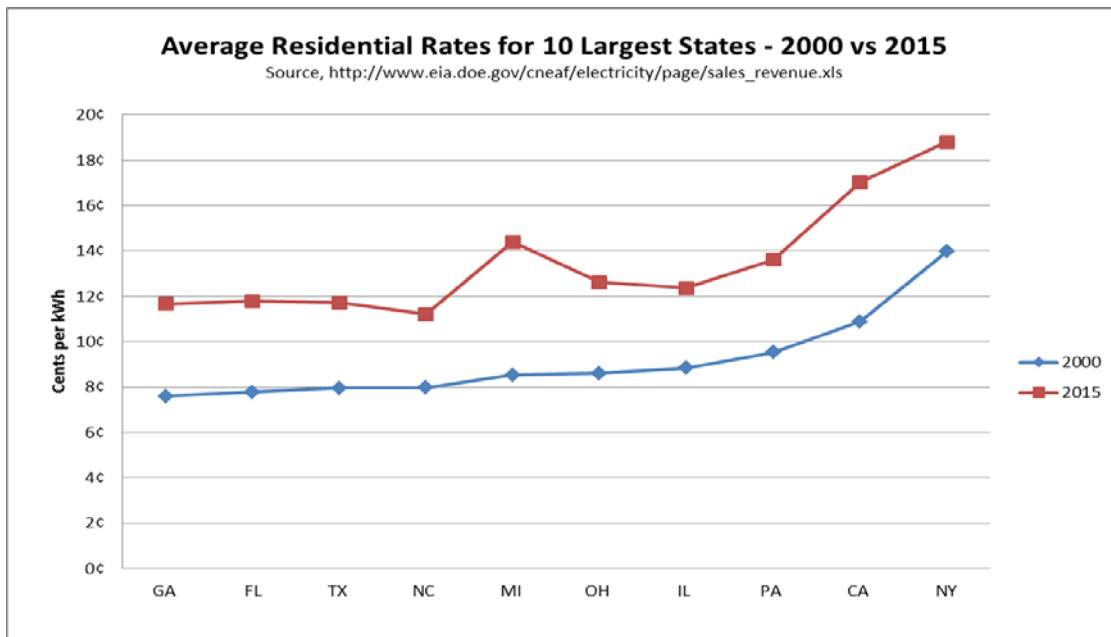
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The chart below reflects the average residential retail rates for neighboring Midwest states from 2000 through 2015. In 2015, Michigan’s average residential retail rates tied with Wisconsin for the peak spot among six Midwest states at \$0.1438/kWh. Michigan ranked third highest in 2000.



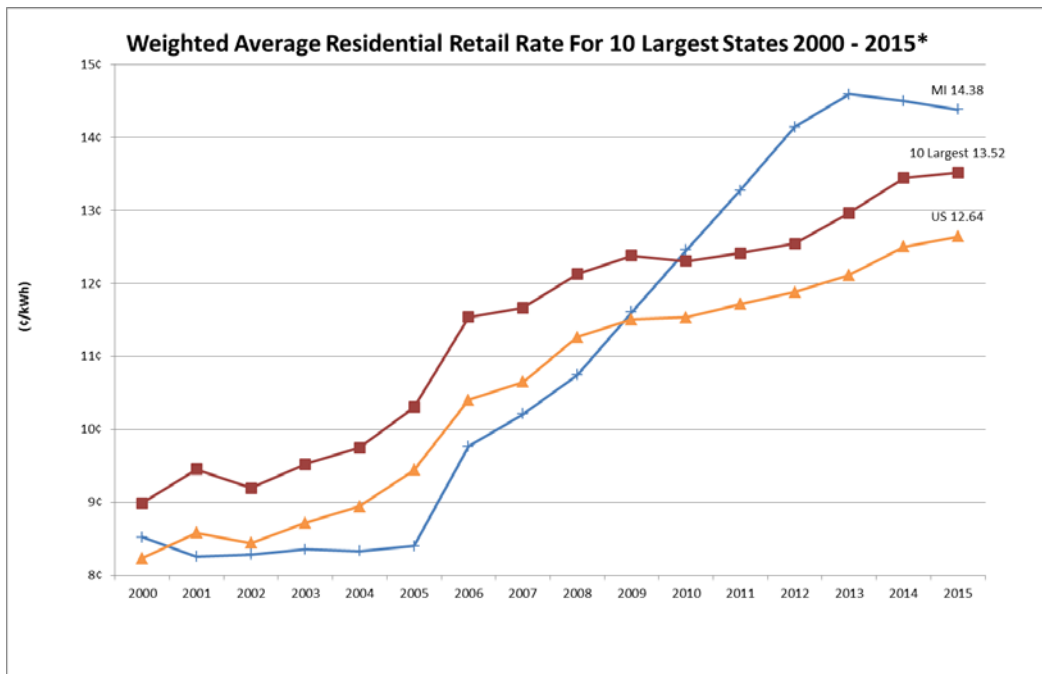
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The chart below compares the average residential retail rates for the 10 largest states by population for 2000 and 2015. Michigan's rates were third highest among these states in 2015 at \$0.1438/kWh. Michigan ranked fifth lowest in 2000.



Source, [http://www.eia.doe.gov/cneaf/electricity/page/sales\\_revenue.xls](http://www.eia.doe.gov/cneaf/electricity/page/sales_revenue.xls), Current and Historical Monthly Retail Sales, Revenues, and Average Retail Price by State and By Sector (Form EIA-826). \*2015 data is through August.

The chart below reflects the weighted average residential retail rates for the 10 largest states, as well as the national average, from 2000 to 2015.<sup>15</sup> Michigan's weighted average residential retail rate was below the national average from 2001 to 2008 and has been above the national average since 2009. Similarly, Michigan was below the 10 largest state average from 2000 to 2009 and has been above the 10 largest state average since 2010.

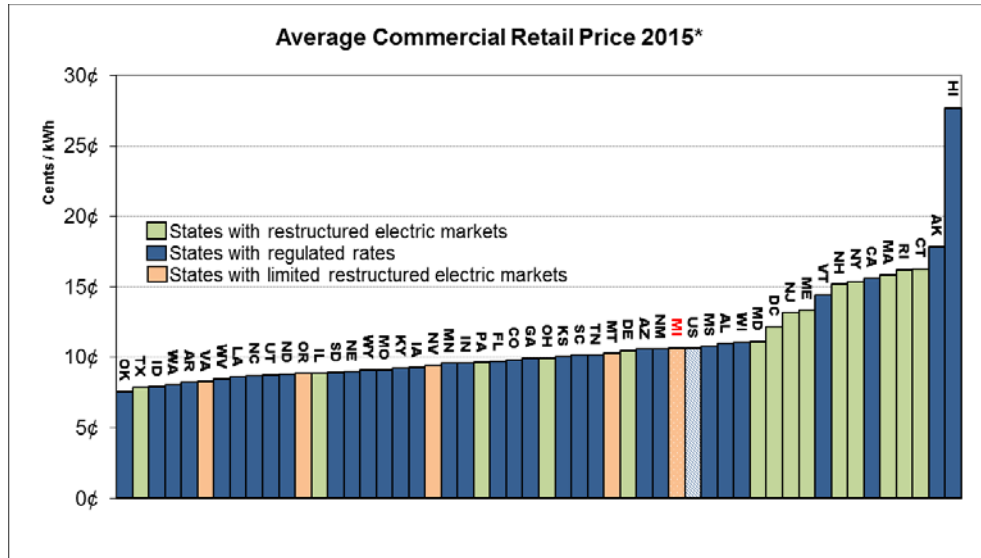


Source, [http://www.eia.doe.gov/cneaf/electricity/page/sales\\_revenue.xls](http://www.eia.doe.gov/cneaf/electricity/page/sales_revenue.xls), Current and Historical Monthly Retail Sales, Revenues, and Average Retail Price by State and By Sector (Form EIA-826). \*2015 data is through August.

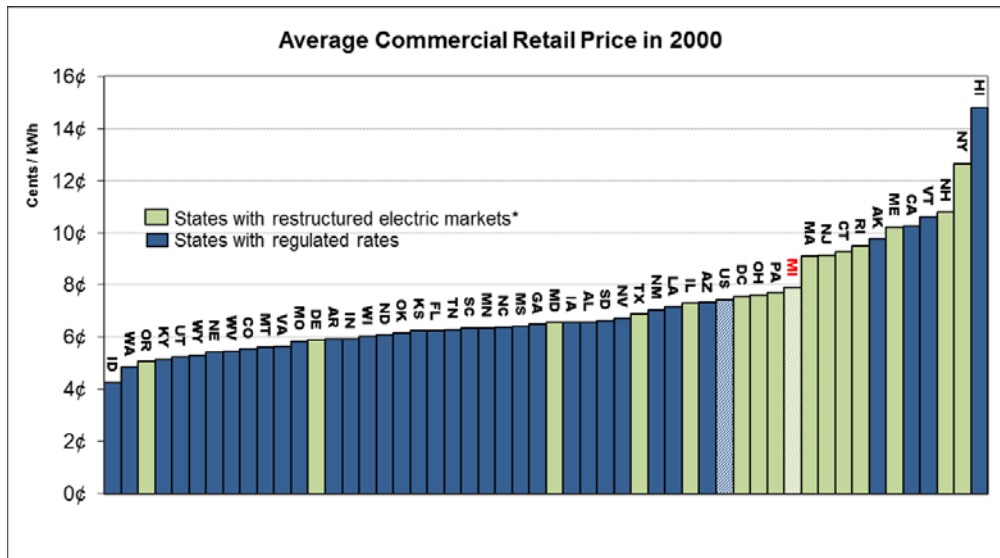
## 2. Commercial Rates

The charts below reflect the 2015 and 2000 average commercial retail rates. In 2015, Michigan's commercial average retail rates ranked in the middle among the 19 jurisdictions with some type of restructured market at \$0.1065/kWh. Michigan ranked eighth highest in 2000.

<sup>15</sup> Weighted average is determined by taking total revenue divided by total sales.



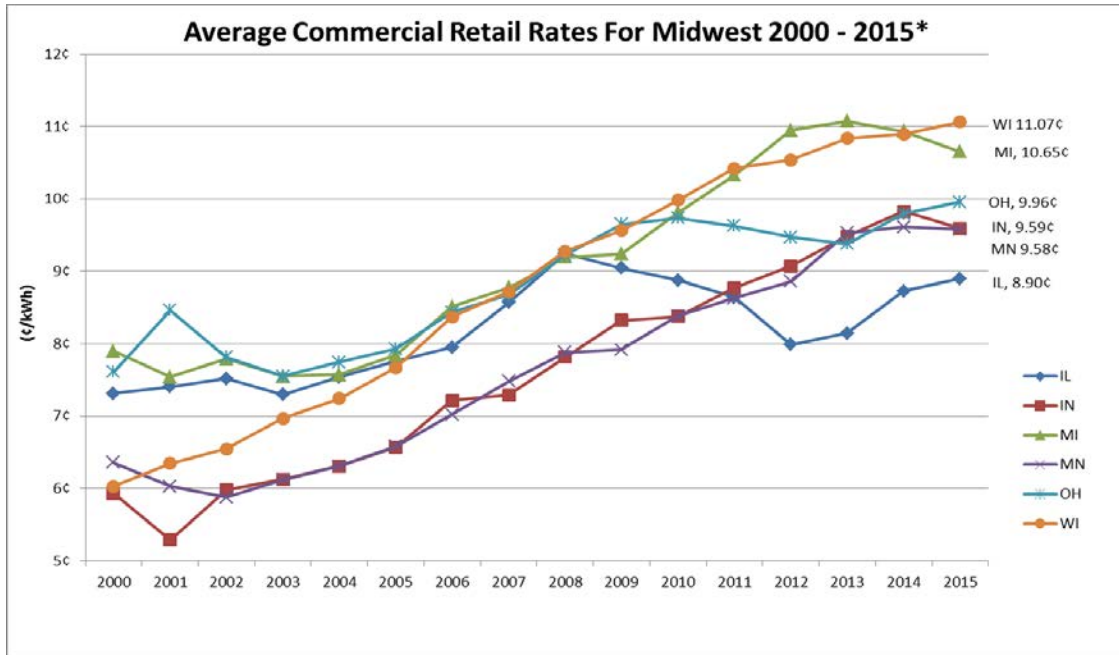
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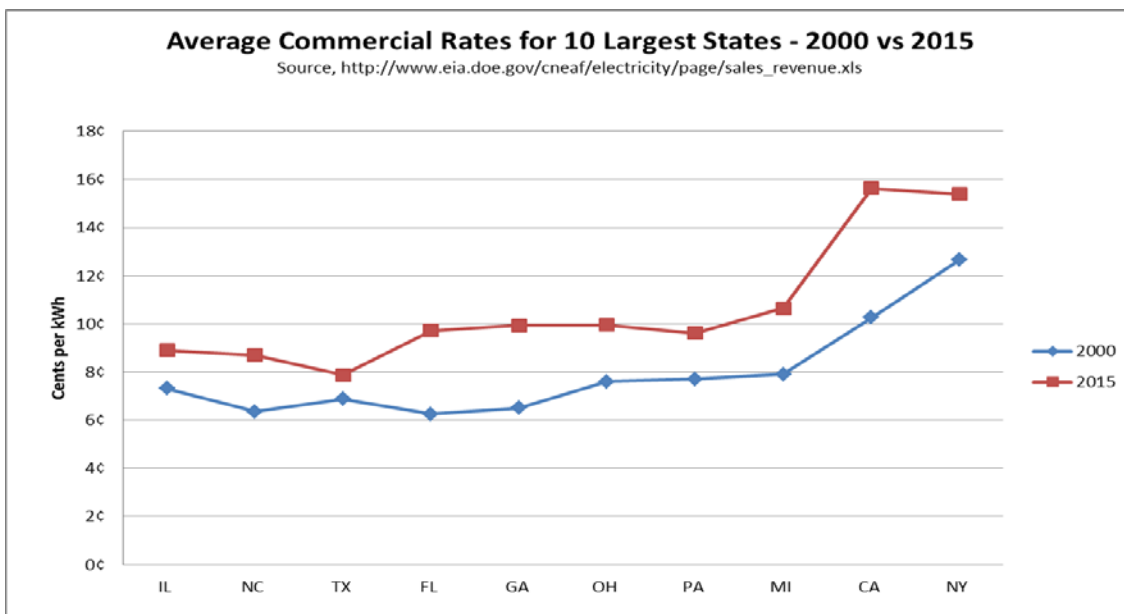
The chart below reflects the average commercial retail rates for neighboring Midwest states from 2000 through 2015. In 2015, Michigan's average commercial retail rates ranked the second highest among six Midwest states at \$0.1065/kWh. Michigan ranked the highest in 2000.





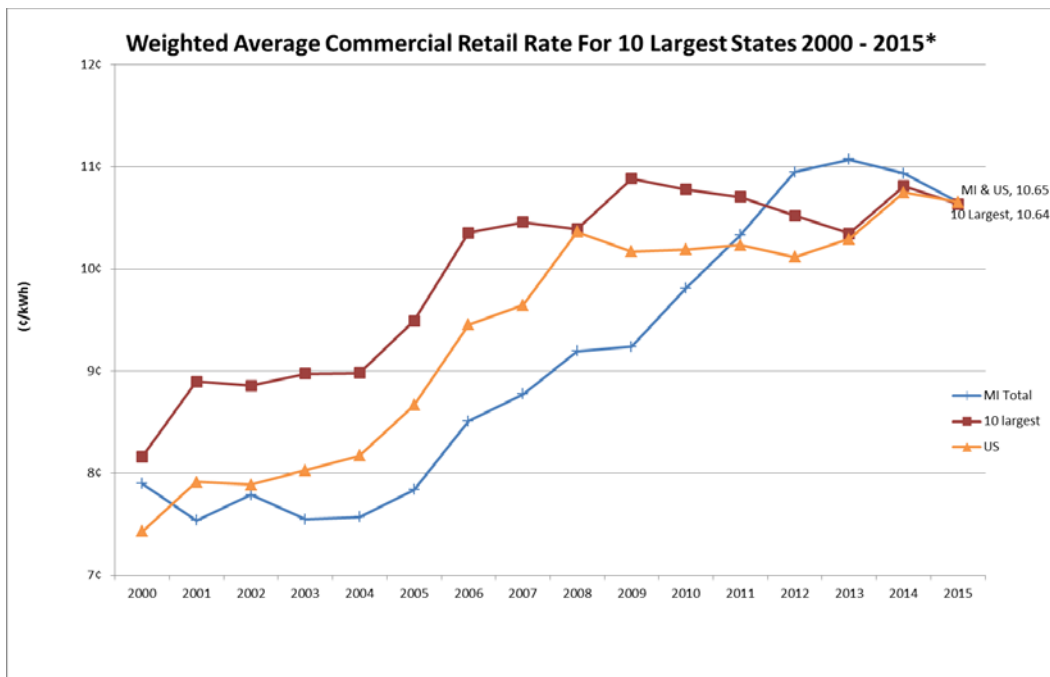
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The chart below compares the average commercial retail rates for the 10 largest states by population for 2000 and 2015. Michigan's rates were third highest among these states in 2015 at \$0.1065/kWh. Michigan also ranked third highest in 2000.



Source, [http://www.eia.doe.gov/cneaf/electricity/page/sales\\_revenue.xls](http://www.eia.doe.gov/cneaf/electricity/page/sales_revenue.xls), Current and Historical Monthly Retail Sales, Revenues, and Average Retail Price by State and By Sector (Form EIA-826). \*2015 data is through August.

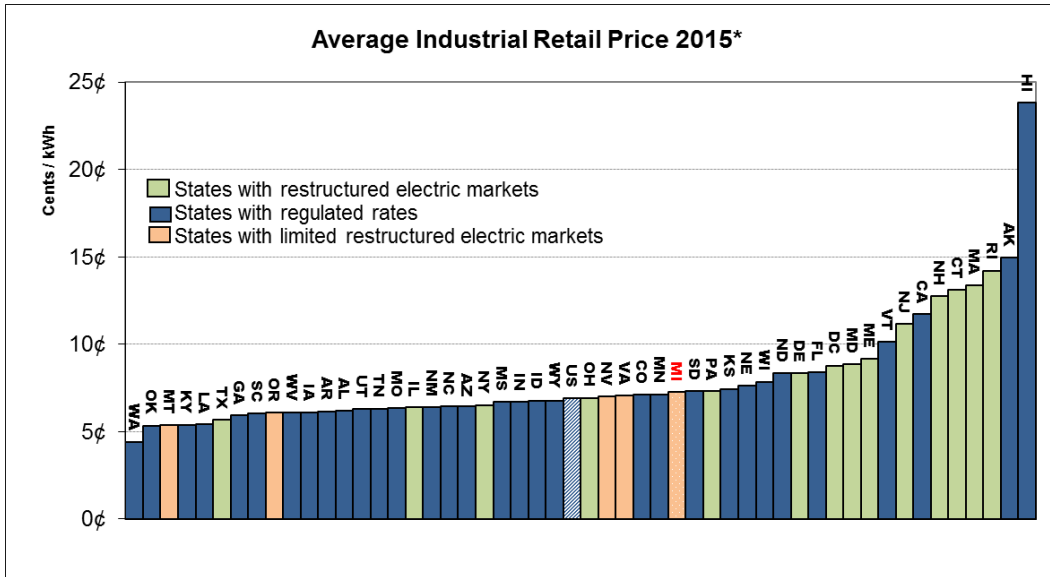
The chart below reflects the weighted average commercial retail rates for the 10 largest states, as well as the national average, from 2000 to 2015. Michigan's weighted average commercial retail rates were below the national average from 2001 to 2010 and surpassed the national average in 2011 and remained above until 2014 and were tied for 2015 at \$0.1065/kWh. Michigan was below the 10 largest state average from 2000 to 2011 and surpassed the 10 largest state average in 2012 and remained just above in 2015.



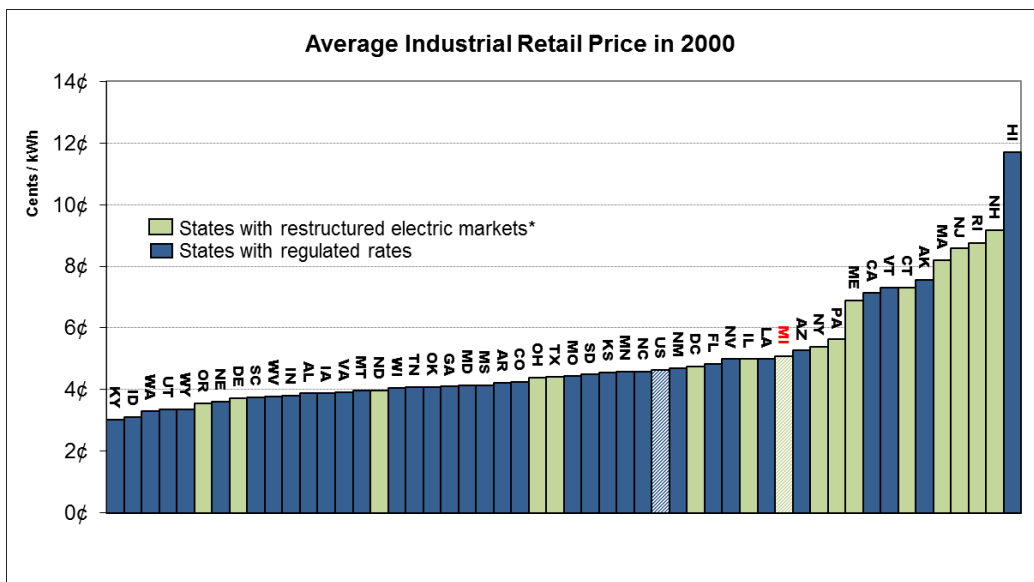
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### 3. Industrial Rates

The charts below reflect the 2000 and 2015 average industrial retail rates. In 2015, Michigan's industrial retail rates ranked ninth lowest amongst jurisdictions with some type of restructured market at \$0.0725/kWh. Michigan ranked eighth lowest in 2000.

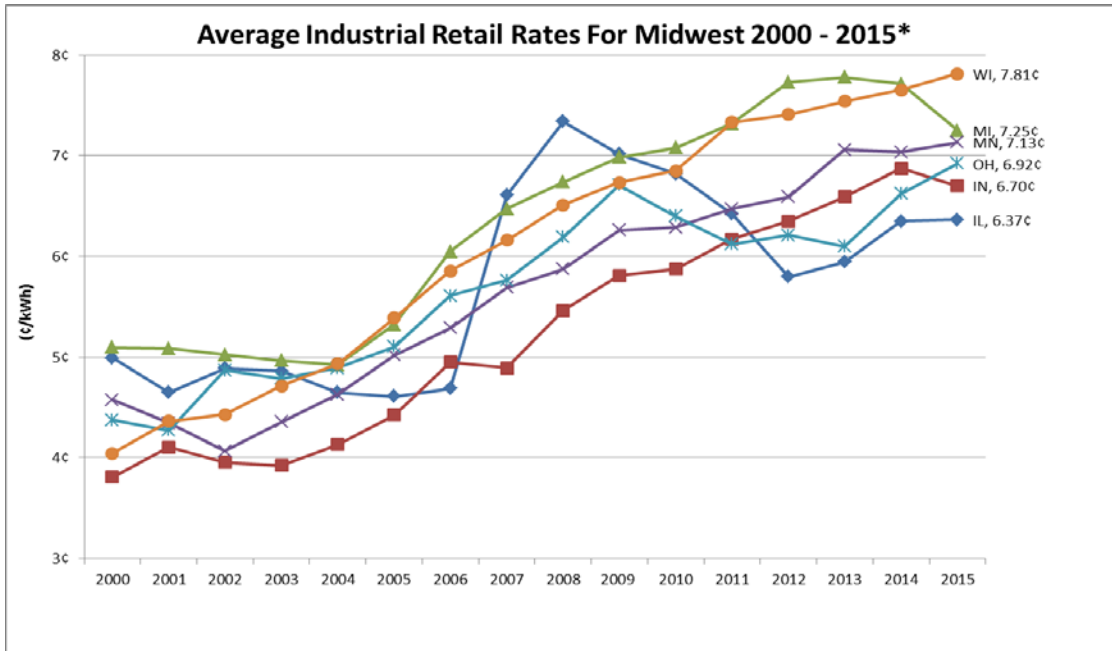


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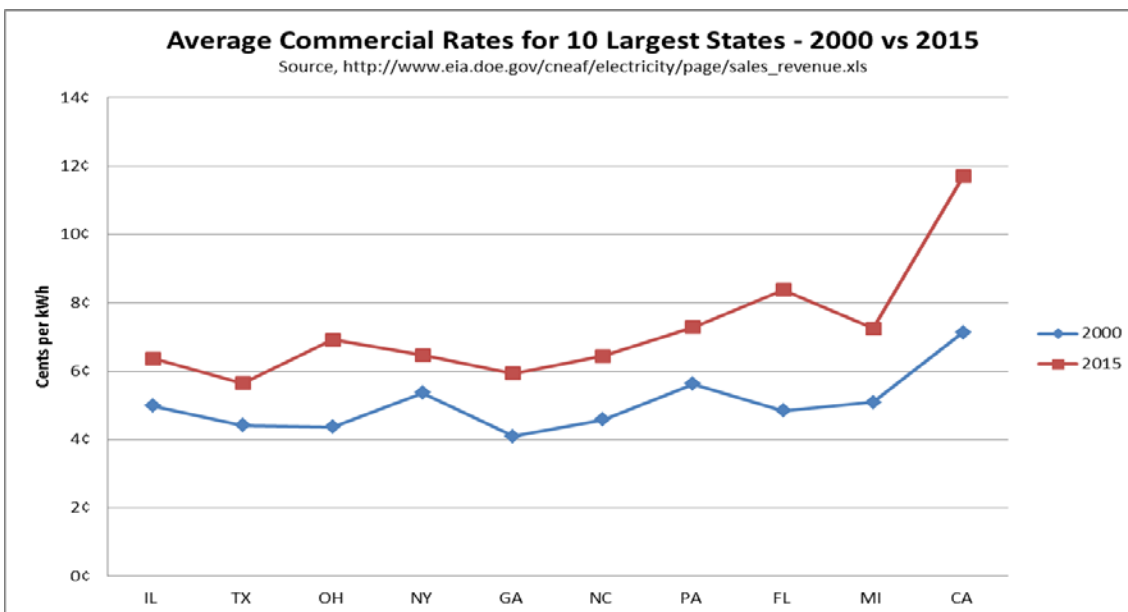
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The chart below reflects the average industrial retail rates for the neighboring Midwest states from 2000 through 2015. In 2015, Michigan’s average industrial retail rates ranked the second highest among the six Midwest states at \$0.0725/kWh. Michigan ranked the highest in 2000.



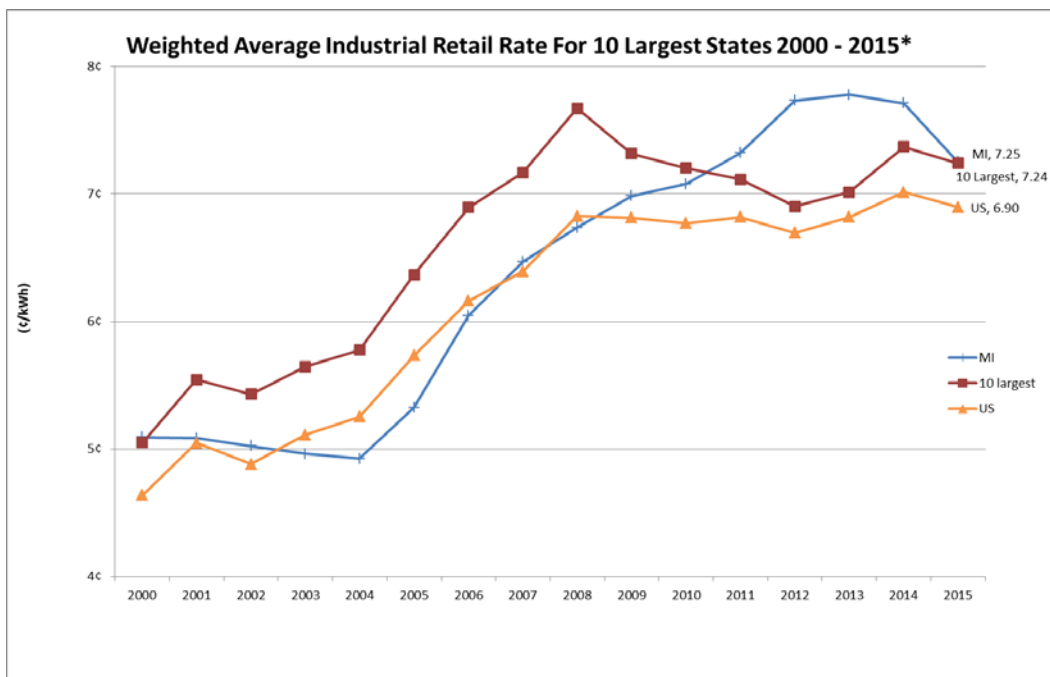
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The chart below compares the average industrial retail rates for the 10 largest states by population for 2000 and 2015. Michigan's rates were fourth highest among these states in 2015 at \$0.0725/kWh. Michigan also ranked fourth highest in 2000.



Source, [http://www.eia.doe.gov/cneaf/electricity/page/sales\\_revenue.xls](http://www.eia.doe.gov/cneaf/electricity/page/sales_revenue.xls), Current and Historical Monthly Retail Sales, Revenues, and Average Retail Price by State and By Sector (Form EIA-826). \*2015 data is through August.

The chart below reflects the weighted average industrial retail rates for the 10 largest states, as well as the national average, from 2000 to 2015. Michigan's weighted average industrial retail rate straddled the national average from 2001 to 2008 and has been above the national average since 2009. Michigan was below the 10 largest state average from 2001 to 2010 and has been above the 10 largest state average since 2011.



Source, [http://www.eia.doe.gov/cneaf/electricity/page/sales\\_revenue.xls](http://www.eia.doe.gov/cneaf/electricity/page/sales_revenue.xls), Current and Historical Monthly Retail Sales, Revenues, and Average Retail Price by State and By Sector (Form EIA-826). \*2015 data is through August.

## II. Commission Action Related to Electric Customer Choice and Consumer 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 and Act 295.<sup>16</sup> Throughout 2015, the Commission issued the following orders in relation to Electric Customer Choice:

- Three orders granting new AES licenses;
- One order rescinding an AES license;
- One order revoking an AES license;
- 22 orders approving renewable energy plans for AESs;
- Two orders consisting of Choice Tariff changes;
- One order related to electric supply resource adequacy asking AESs to voluntarily submit relevant information.

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

### **III. Commission Action on Customer Education**

During 2015 the Michigan Public Service Commission (MPSC) Staff, in conjunction with the Michigan Agency for Energy (MAE) staff, continued disseminating utility-related consumer education materials as part of its communications plan. The plan included key constituent outreach components that fostered new and existing partnerships with traditional utility stakeholders and target citizen groups. Also, at the request of several organizations, staff provided a speaker to present information to meeting attendees regarding a variety of utility issues including, but not limited to, retail choice for natural gas and electricity in Michigan. Staff participated in 124 events; an increase of 65% over the 75 events in 2014. An estimated 14,059 citizens were reached; an increase of 18% over the 11,900 citizens in 2014. These activities allowed staff to engage directly with Michigan citizens to provide them with Commission sponsored Consumer Tips, answer questions related to electric, natural gas, telecom and cable matters as well as resolve disputes with regulated utilities and alternative providers.

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<sup>16</sup> Commission order orders are available on the Commission website at <http://www.dleg.state.mi.us/mpsc/orders/electric/2015/>. Documents and orders associated with many cases are available in the MPSC Electronic Case Filing system at <http://efile.mpsc.state.mi.us/efile/>.

Electric Consumer Tips are posted on the MPSC website.<sup>17</sup>

#### **IV. Recommendations for Legislation**

Given its mission to ensure reliable energy at reasonable rates and to grow Michigan's economy, the Commission monitors the plans of regulated electric utilities and AESs to meet their electric capacity needs in the coming years. In order to develop a comprehensive supply outlook for the state, ensure that resources are in place over the long term to maintain reliability in a cost-effective manner, and ensure equitable distribution of associated costs, obtaining accurate information from all electric suppliers is essential.

In Case No U-17751, the Commission requested information from all electric suppliers in Michigan, and found that "Michigan is unlikely to experience outages due to a lack of supply in 2016/2017, which is welcome news for all stakeholders. Looking forward to subsequent years, there is still uncertainty about the impact of additional federal environmental regulations on generation resources in Michigan and regionally. To the extent that additional plants are closed, and new resources are not developed to replace them, Michigan may have to rely more heavily on importation of out-of-state resources, and Michigan customers may be confronted with escalating capacity market prices or could be at greater risk of outages due to a lack of adequate supply." (July 23, 2015 Order in Case No. U-17751, page 12.)

The Commission appreciates the involvement of all parties in the U-17751 process, including those AESs, member-regulated electric cooperatives, and municipal utilities that participated on a voluntary basis. In order to ensure that timely and relevant

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<sup>17</sup> [http://www.michigan.gov/mpsc/0,1607,7-159-16368\\_42136\\_42137---,00.html](http://www.michigan.gov/mpsc/0,1607,7-159-16368_42136_42137---,00.html)

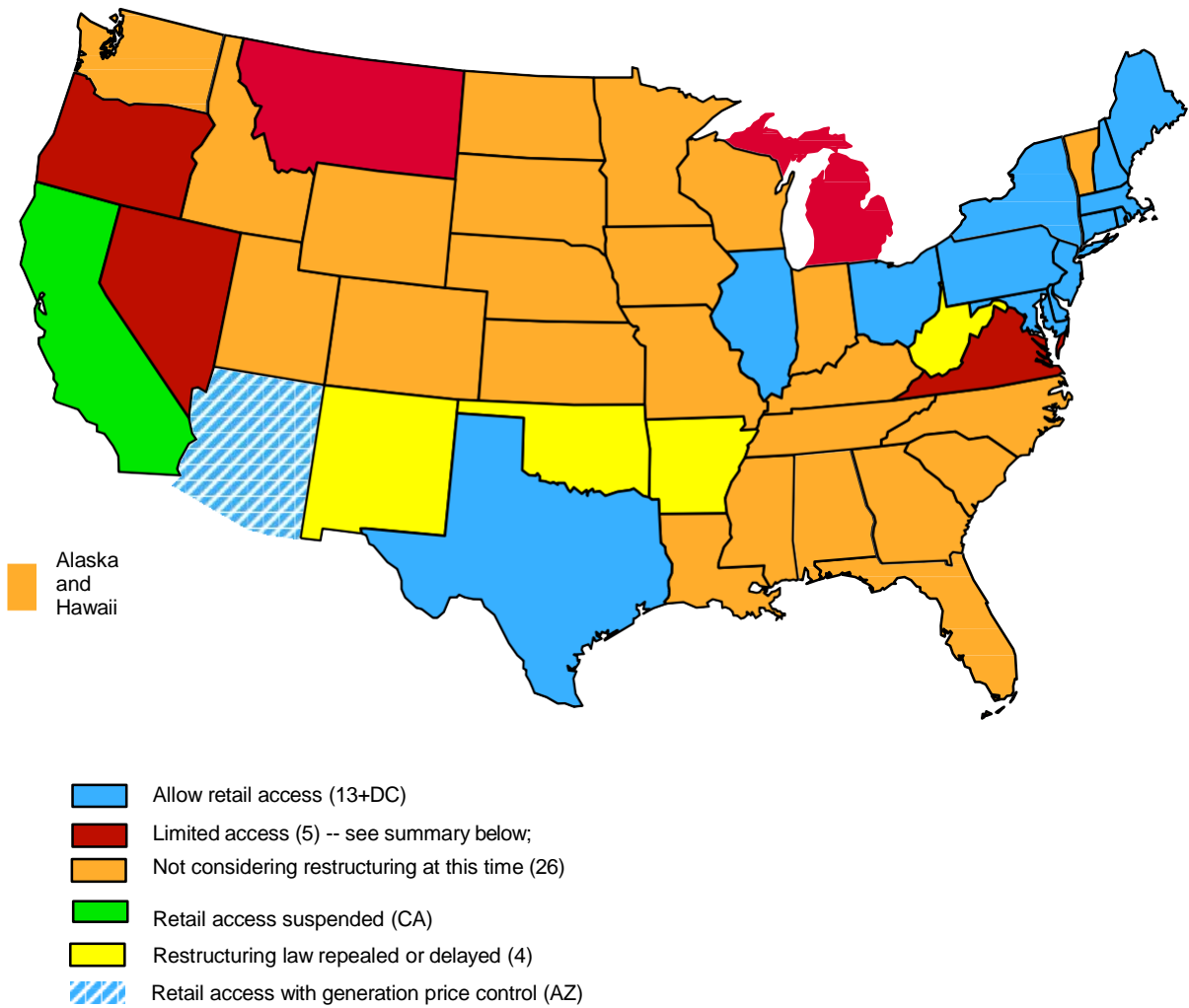
information on the reliability and affordability of electricity supplies is available to all stakeholders, the Commission recommends that the Legislature pass legislation to *require* all electric suppliers in the state, including AESs, to participate in annual resource adequacy forecasts. Looking ahead at Michigan's anticipated capacity position is too important an activity to leave to the voluntary participation of key suppliers of electricity to retail customers.

The Commission continues to monitor the ongoing legislative discussions on energy issues and stands ready to serve as a resource to the Legislature, Administration, and other stakeholders as these discussions take place.



# **APPENDIX 1**

# Chart 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 2015 57<sup>th</sup> IPU Annual Regulatory Studies Program

## Chart 2

### AES Customers in Consumers Energy Service Territory, Year End

AES Name	Number of Customers						MW Served					
	2010	2011	2012	2013	2014	2015	2010	2011	2012	2013	2014	2015
Constellation	592	573	549	551	541	535	300	247	223	231	216	200
Direct Energy Business <sup>1</sup>	42	41	54	57	72	87	3	3	5	7	17	52
FirstEnergy Solutions	0	3	29	89	36	27	0	13	101	124	122	98
Constellation Energy Services fka Integrys <sup>2</sup>	164	188	233	245	280	277	85	124	167	173	171	172
Noble Americas Energy Solutions <sup>3</sup>	257	237	178	101	95	76	207	201	128	102	91	72
Spartan Renewable Energy	1	1	1	1	1	1	9	10	10	10	10	11
Wolverine Power Marketing	27	26	20	21	25	27	203	187	142	140	144	146
Totals	1,083	1,069	1,064	1,065	1,050	1030	807	785	776	787	771	751

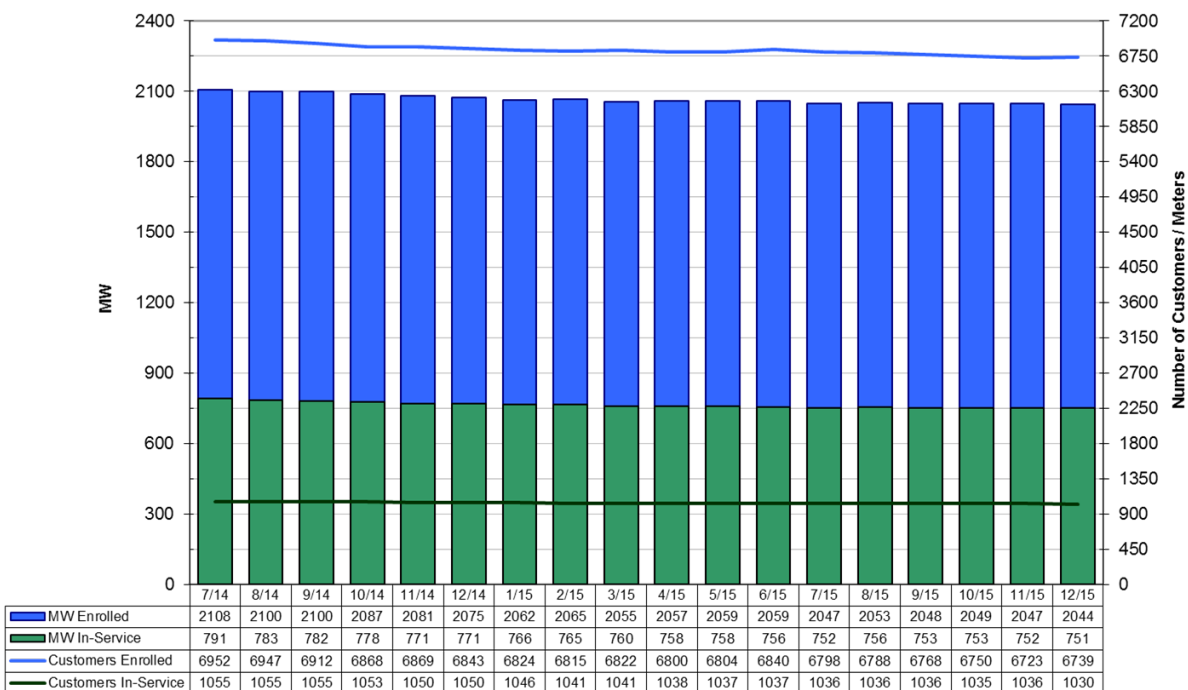
Note: <sup>1</sup>On September 1, 2008, Strategic Energy, LLC, changed its name to Direct Energy Business, LLC.

<sup>2</sup>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.

<sup>3</sup>On November 1, 2010, Sempra Energy Solutions, LLC, changed its name to Noble Americas Energy Solutions, LLC.

# Chart 3

**Consumers Energy Electric Customer Choice Program Activity**  
 (Cumulative Numbers of Customers & MW, Enrolled and In-Service, by Month)  
 July 2014- December 2015



Source: Consumers Energy Company, December 2015.

**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

## Chart 4

### AES Customers in DTE Electric Company Service Territory, Year End

AES Name	Number of Customers						MW Served					
	2010	2011	2012	2013	2014	2015	2010	2011	2012	2013	2014	2015
CMS ERM MI	4	4	4	4	4	6	53	53	53	53	53	54
Commerce <sup>1</sup>	337	300	265	228	205	174	8	7	6	5	5	4
Constellation	1,512	1,403	1,393	1,289	1,357	1,325	342	306	306	284	283	282
Direct Energy Business <sup>2</sup>	753	739	666	733	953	1,465	117	108	104	115	160	228
FirstEnergy Solution	351	585	683	775	504	283	256	349	374	396	298	221
Glacial Energy of Illinois, Inc. <sup>3</sup>	1,636	1,155	880	628	471	0	153	90	57	29	19	0
Constellation Energy Services fka Integrys <sup>4</sup>	595	622	672	764	810	792	96	104	127	150	213	217
MidAmerican	56	55	58	98	37	24	22	20	21	22	8	7
Noble Americas Energy Solutions <sup>5</sup>	1,141	1,111	1,049	970	942	915	173	161	137	123	115	111
Wolverine Power Marketing	2	2	2	2	2	2	13	13	13	13	13	13
Totals <sup>6</sup>	6,387	5,976	5,672	5,491	5,285	4,986	1,236 <sup>6</sup>	1,212 <sup>6</sup>	1,199 <sup>6</sup>	1,191 <sup>6</sup>	1,168 <sup>6</sup>	1,137

Note <sup>1</sup>In 2005, Electric-America changed the company name to Commerce Energy Inc.

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

<sup>3</sup>On June 29, 2009, Glacial Energy of Michigan, Inc., changed its name to Glacial Energy of Illinois, Inc.

<sup>4</sup>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.

<sup>5</sup>On November 1, 2010, Sempra Energy Solutions, LLC, changed its name to Noble Americas Energy Solutions, LLC.

<sup>6</sup>Total does not add correctly due to rounding.

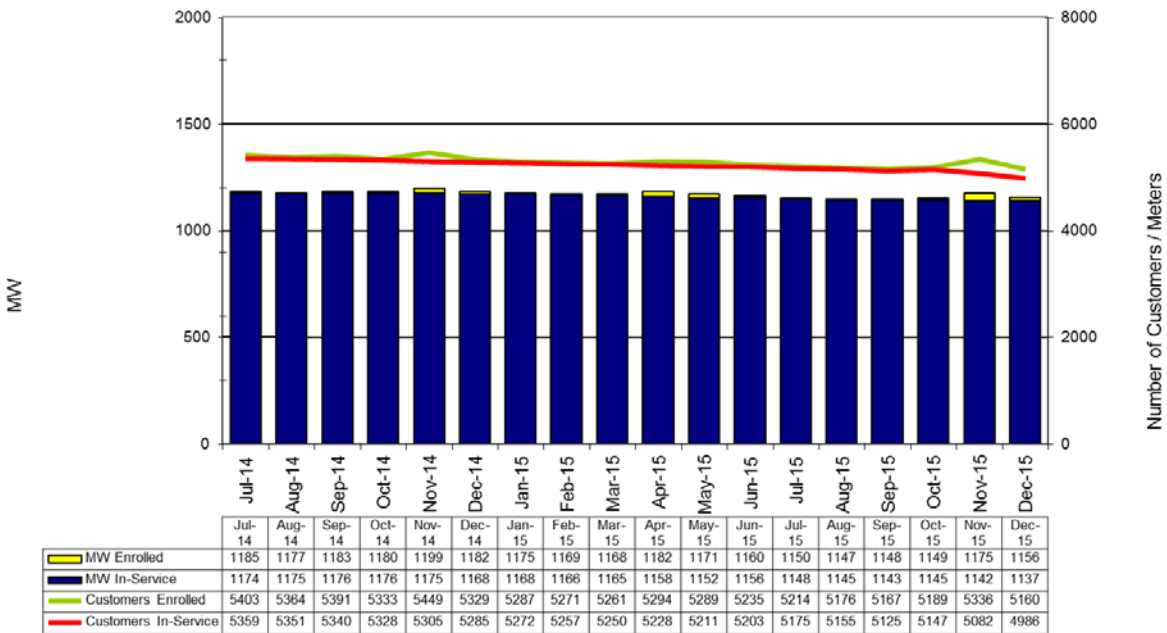
# Chart 5

## Electric Choice Customer Participation July 2014 to Present



Electric Choice Customer Participation  
July 2014 to Present

**DTE Electric Customer Choice Program Activity, as of 01/07/2016**  
(Cumulative Numbers of Customers & MW, Enrolled and In-Service, by Month)



Source: DTE Electric Company, December 2015.

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

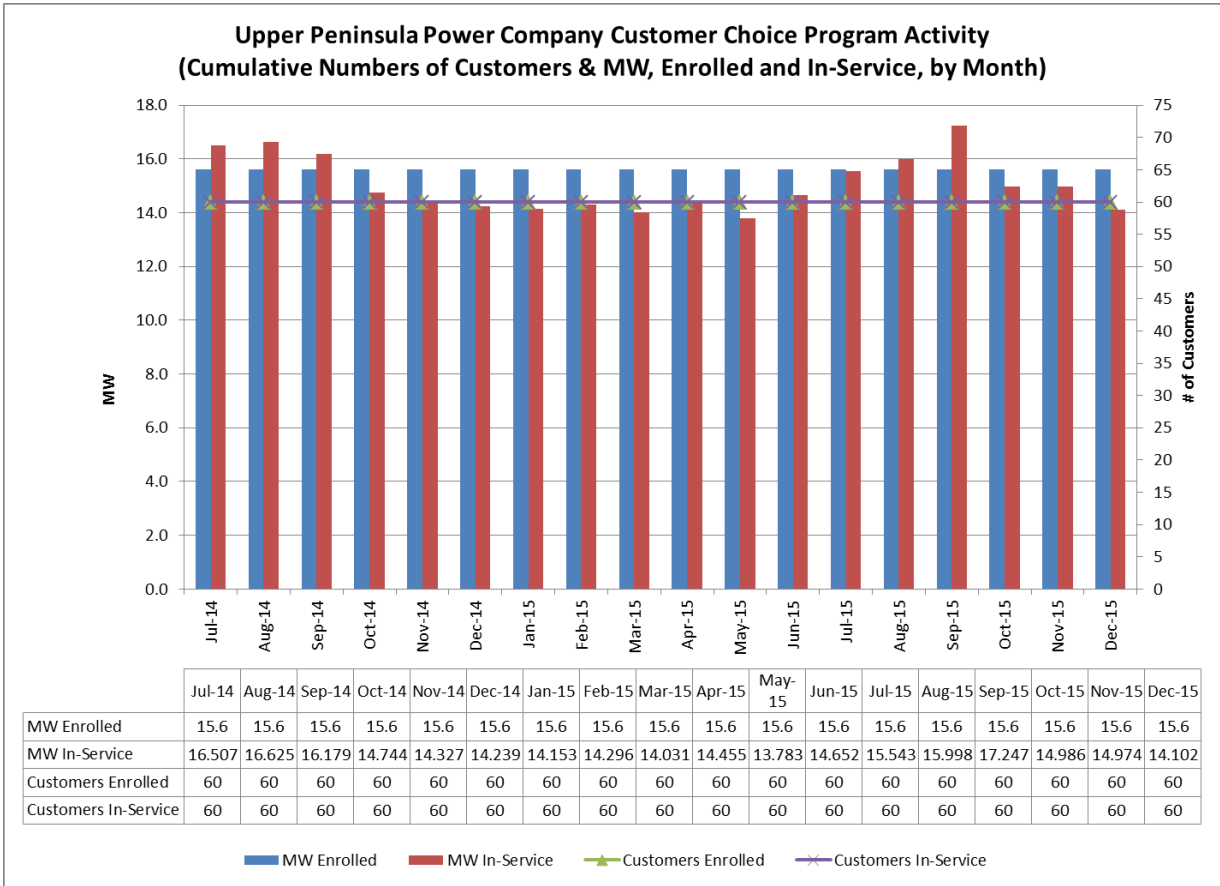
## Chart 6

### AES Customers in the UPPCo Service Territory, Year End

AES Name	Number of Customers						MW Served					
	2010	2011	2012	2013	2014	2015	2010	2011	2012	2013	2014	2015
Constellation Energy Services fka Integrys <sup>1</sup>	0	0	0	17	30	30	0	0	0	5.88	3.69	4.74
UP Power Marketing	0	0	4	21	29	29	0	0	2.52	3.88	4.88	3.74
Wolverine Power Marketing	0	0	0	1	1	1	0	0	0	5.62	5.67	5.62
Totals	0	0	4	39	60	60	0	0	2.52	15.38	14.24	14.10

Note: <sup>1</sup>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.

# Chart 7



Source: Upper Peninsula Power Company, December 2015.



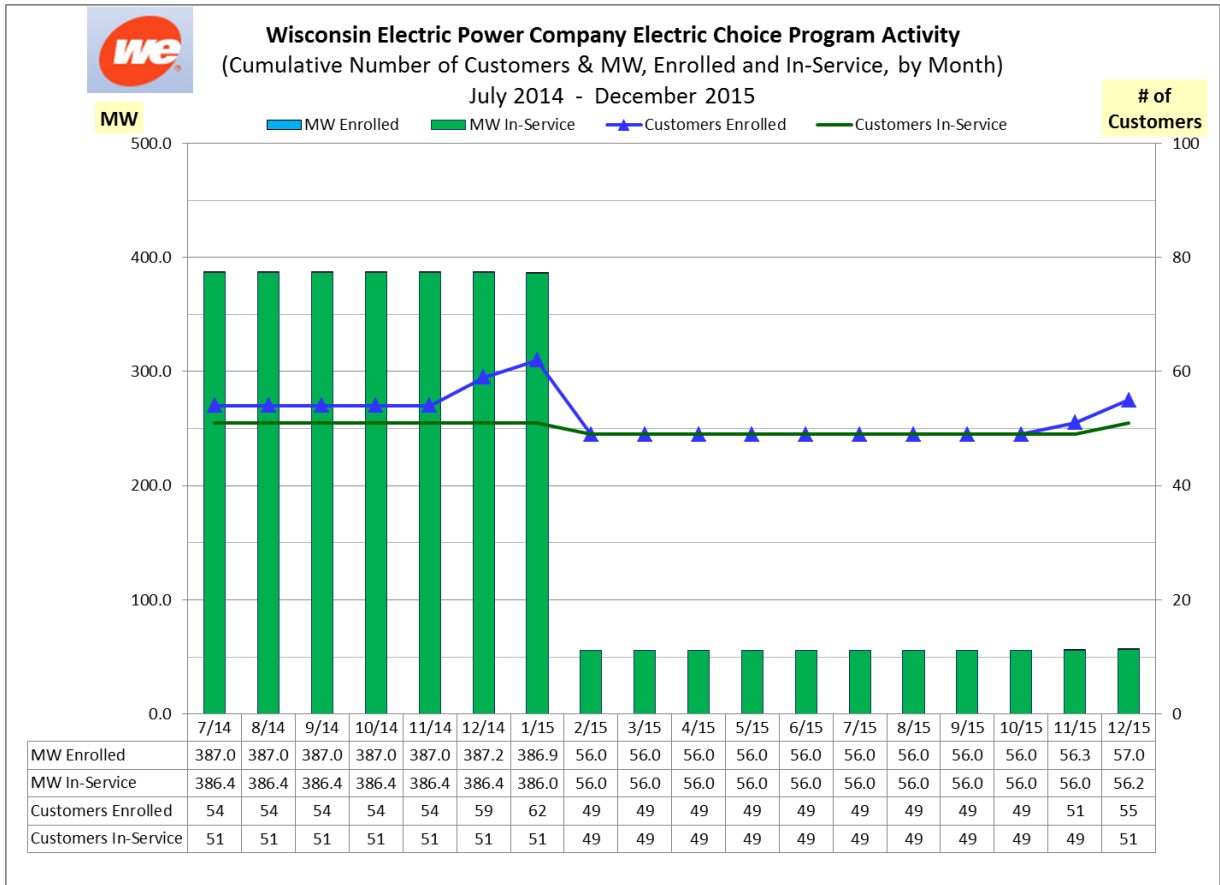
## Chart 8

### AES Customers in the WEPCo Service Territory, Year End

AES Name	Number of Customers						MW Served					
	2010	2011	2012	2013	2014	2015	2010	2011	2012	2013	2014	2015
Constellation Energy Services fka Integrys <sup>1</sup>	0	0	0	51	51	51	0	0	0	412	386	56.2
Totals	0	0	0	51	51	51	0	0	0	412	386	56.2

Note: <sup>1</sup>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.

# Chart 9



Source: Wisconsin Electric Power Company, December 2015.

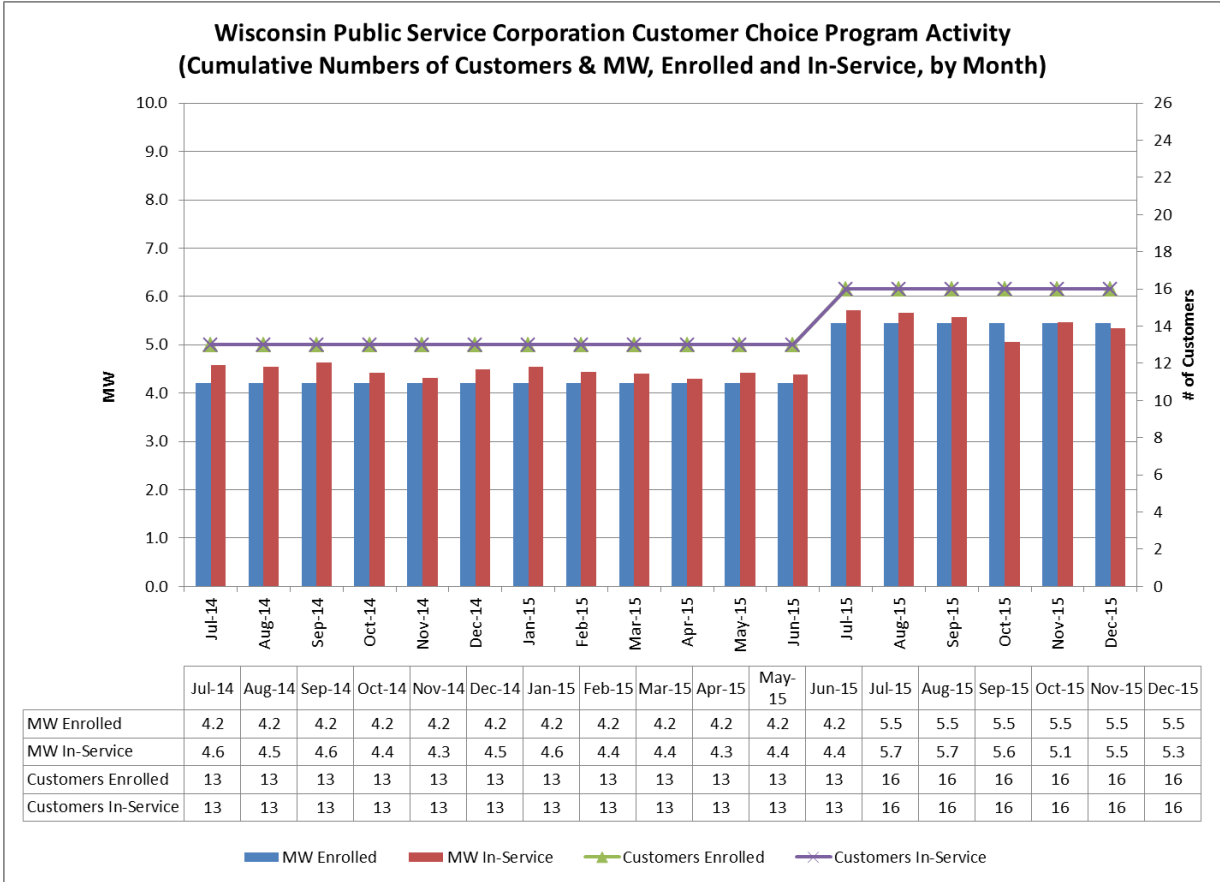
# Chart 10

## AES Customers in the WPSC Service Territory, Year End

AES Name	Number of Customers						MW Served					
	2010	2011	2012	2013	2014	2015	2010	2011	2012	2013	2014	2015
Constellation Energy Services fka Integrys <sup>1</sup>	0	0	0	13	13	16	0	0	0	5.0	4.5	5.35
Totals	0	0	0	13	13	16	0	0	0	5.0	4.5	5.35

Note: <sup>1</sup>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.

# Chart 11



Source: Wisconsin Public Service Corporation, December 2015.

## Chart 12

### AES Customers in the Cloverland Service Territory, Year End

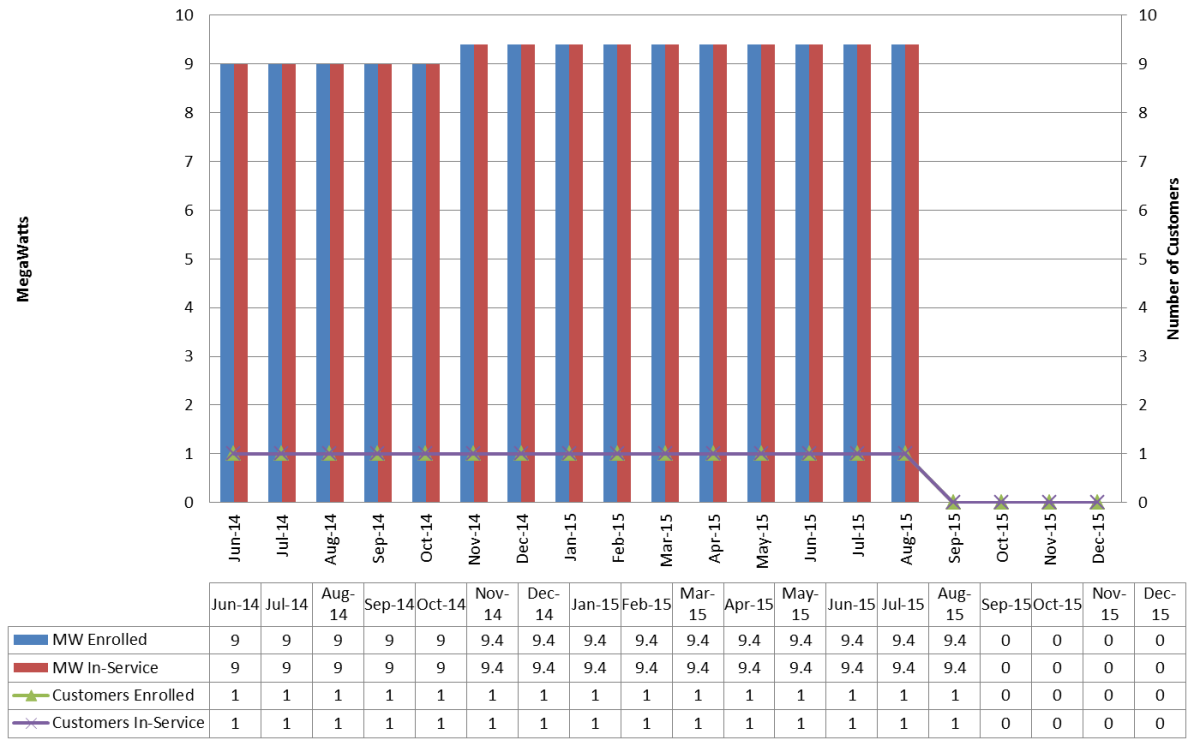
AES Name	Number of Customers						MW Served					
	2010	2011	2012	2013	2014	2015	2010	2011	2012	2013	2014	2015
Duke Energy <sup>1</sup>	0	0	0	0	1	0	0	0	0	0	9.4	0
Totals	0	0	0	0	1	0	0	0	0	0	9.4	0

Note: <sup>1</sup>The first Cloverland electric choice customer began taking service in June 2014. As of September 2015 no customers were taking choice.

# Chart 13



**Cloverland Electric Company Retail Choice Program Activity  
(Cumulative Number of Customers & MW, Enrolled & In-Service, by Month)  
June 2014- December 2015**



Source: Cloverland Electric Cooperative, December 2015.

## **APPENDIX 2**

## **Michigan Public Service Commission Orders in 2015 Related to Implementation of 2000 Act 141**

### **Alternative Electric Suppliers**

- Dillon Power, LLC - U-17723: AES License 1/13/2015. The Commission granted a license to Dillon Power, LLC (Dillon) to serve as an alternative electric supplier (AES). They have an established Michigan office in St. Clair Shores.
- Eligo Energy MI, LLC – U-17697: AES License 6/15/2015. The Commission granted a license to Eligo Energy MI, LLC (Eligo) to serve as an AES. Their corporate office is headquartered in Chicago, IL but have an established Michigan office in Southfield.
- Energy.me Midwest LLC, d/b/a energy.me – U-17269: Voluntary Relinquishment of AES License 4/23/2015. The Commission rescinded energy.me Midwest, LLC d/b/a energy.me’s (energy.me) AES license at the request of the company. Additionally, energy.me is relieved of any obligation to comply with requirements established by Public Act 295 and in renewable energy plan (REP) case number U-17455. Energy.me never provided electric services in Michigan.
- Glacial Energy of Illinois, Inc. – U-17866: Commissions Own Motion-AES License Revocation 8/14/2015. Glacial Energy of Illinois, Inc. (Glacial) is a wholly-owned subsidiary of Glacial Energy Holdings that filed for bankruptcy on 4/10/2014. The Commission began a formal action to revoke Glacial’s AES license granted in case number U-15922 due to the fact that Glacial no longer met the required statutory and regulatory responsibilities of a licensed AES. The order for U-17866 adopts a settlement agreement filed by the parties on 7/24/15 agreeing that Glacial would transfer its book of customers and/or notify customers of their options and surrender their license.
- MidAmerican Energy Services, LLC – U-17888: AES License 9/10/2015. The Commission granted a license to MidAmerican Energy Services, LLC (MES) to serve as an AES. MES is a newly formed entity that is intended to take over all operational processes, staff, offices, contracts and customers from the currently Michigan licensed AES MidAmerican Energy Co. Their corporate office is located in Des Moines, IA but have an established Michigan office in Novi.

### **Renewable Energy Plans**

- AEP Energy, Inc. – U-15825: Renewable Energy Biennial Review 6/3/2015. On 4/13/2015, AEP Energy, Inc. (AEP) filed a letter to the docket indicating that the company continues to serve no retail customers in Michigan. If AEP is not selling power to Michigan customers at the time of the next biennial review, it shall file a letter so indicating, in lieu of filing a renewable energy plan (REP).
- CMS ERM Michigan LLC – U-16640: Renewable Energy Biennial Review 6/15/2015. The MPSC approved CMS ERM Michigan’s biennial REP submitted on 4/16/2015 as required by Public Act 295 of 2008.
- Commerce Energy, Inc. – U-16641: Renewable Energy Biennial Review 6/15/2015. The MPSC approved Commerce Energy’s biennial REP submitted on 4/24/2015 as required by Public Act 295 of 2008.
- Constellation Energy Services – U-16646: Renewable Energy Biennial Review 6/15/2015. The MPSC approved Constellation Energy Services f/k/a Integrys Energy Services biennial REP submitted on 4/16/2015 as required by Public Act 295 of 2008.
- Constellation NewEnergy, Inc. – U-16642: Renewable Energy Biennial Review 6/15/2015. The MPSC approved Constellation NewEnergy’s biennial REP submitted on 4/16/2015 as required by Public Act 295 of 2008.
- Dillon Power, LLC – U-17769: Renewable Energy Plan 6/3/2015. On 5/5/15, Dillon Power, LLC (Dillon) filed an application for approval of its proposed renewable energy plan (REP). At that time, Dillon served no retail customers in Michigan. The Commission approved Dillon’s initial REP on 6/3/2015 indicating that if they are



not serving Michigan customers at the time of the next biennial review, they shall file a letter so indicating, in lieu of filing an REP.

- Direct Energy Business, LLC – U-16643: **Renewable Energy Biennial Review** 6/15/2015. The MPSC approved Direct Energy Business, LLC's biennial REP submitted on 4/15/2015 as required by Public Act 295 of 2008.
- Direct Energy Services, LLC – U-15830: **Renewable Energy Biennial Review** 6/15/2015. On 4/2/2015, Direct Energy Services, LLC (Direct Energy) filed a letter to the docket indicating that the company continues to serve no retail customers in Michigan. If Direct Energy is not selling power to Michigan customers at the time of the next biennial review, it shall file a letter so indicating, in lieu of filing an REP.
- Dynegy Energy (East), LLC – U-16767: **Renewable Energy Biennial Review** 12/11/2015. On 9/29/2015, Dynegy Energy (East), LLC (Dynegy) f/k/a Duke Energy Retail Sales, LLC filed a letter to the docket indicating that the company continues to serve no retail customers in Michigan. If Dynegy is not selling power to Michigan customers at the time of the next biennial review, it shall file a letter so indicating, in lieu of filing an REP.
- FirstEnergy Solutions Corp. – U-16644: **Renewable Energy Biennial Review** 6/15/2015. The MPSC approved First Energy Solutions biennial REP submitted on 4/16/2015 as required by Public Act 295 of 2008.
- Eligo Energy MI, LLC – U-17885: **Initial Renewable Energy Plan Approval** 10/7/2015. On 9/14/15, Eligo filed an application for approval of its proposed renewable energy plan (REP). At that time, Eligo served no retail customers in Michigan. The Commission approved Eligo's initial REP on 10/7/2015 indicating that if they are not serving Michigan customers at the time of the next biennial review, they shall file a letter so indicating, in lieu of filing an REP.
- Lakeshore Energy Services, LLC – U-16979: **Renewable Energy Biennial Review** 1/27/2015. On 1/5/2015, Lakeshore Energy Services, LLC (Lakeshore) filed a letter to the docket indicating that the company continues to serve no retail customers in Michigan. If Lakeshore is not selling power to Michigan customers at the time of the next biennial review, it shall file a letter so indicating, in lieu of filing an REP.
- Liberty Power Delaware, LLC – U-15834: **Renewable Energy Plan Review** 7/9/2015. On 5/26/2015, Liberty Power Delaware, LLC filed a letter to the docket indicating that the company continues to serve no retail customers in Michigan. If Liberty Power Delaware is not selling power to Michigan customers at the time of the next biennial review, the company shall file a letter so indicating, in lieu of filing an REP.
- Liberty Power Holdings, LLC – U-15835: **Renewable Energy Plan Review** 7/9/2015. On 5/26/2015, Liberty Power Holdings, LLC filed a letter to the docket indicating that the company continues to serve no retail customers in Michigan. If Liberty Power Holdings is not selling power to Michigan customers at the time of the next biennial review, the company shall file a letter so indicating, in lieu of filing an REP.
- MidAmerican Energy Company – U-16647: **Renewable Energy Biennial Review** 6/15/2015. The MPSC approved MidAmerican Energy Company's biennial REP submitted on 3/30/2015 as required by Public Act 295 of 2008.
- Noble Americas Energy Solutions, LLC U-16650: **Renewable Energy Biennial Review** 6/15/2015. The MPSC approved Noble Americas Energy Solutions biennial REP submitted on 4/15/2015 as required by Public Act 295 of 2008.
- Premier Energy Marketing, LLC – U-16648: **Renewable Energy Plan Review** 8/14/2015. On 7/15/2015, Premier Energy Marketing, LLC (Premier) filed a letter to the docket indicating that the company continues to serve no retail customers in Michigan. If Premier is not selling power to Michigan customers at the time of the next biennial review, the company shall file a letter so indicating, in lieu of filing an REP.
- PowerOne Corporation – U-15840: **Renewable Energy Plan Review** 7/9/2015. On 6/1/2015, PowerOne Corporation (PowerOne) filed a letter to the docket indicating that the company continues to serve no retail customers in Michigan. If PowerOne is not selling power to Michigan customers at the time of the next biennial review, the company shall file a letter so indicating, in lieu of filing an REP.

- Santanna Energy Services – U-17254: Renewable Energy Plan Review 7/9/2015. On 6/1/2015, Santanna Energy Services (Santanna) filed a letter to the docket indicating that the company continues to serve no retail customers in Michigan. If Santanna is not selling power to Michigan customers at the time of the next biennial review, the company shall file a letter so indicating, in lieu of filing an REP.
- Spartan Renewable Energy, Inc. – U-16651: Renewable Energy Biennial Review 6/15/2015. The MPSC approved Spartan Renewable Energy’s biennial REP submitted on 4/16/2015 as required by Public Act 295 of 2008.
- Texas Retail Energy, LLC – U-17168: Renewable Energy Plan Review 7/9/2015. On 5/28/2015, Texas Retail Energy, LLC (Texas Retail) filed a letter to the docket indicating that the company continues to serve no retail customers in Michigan. If Texas Retail is not selling power to Michigan customers at the time of the next biennial review, the company shall file a letter so indicating, in lieu of filing an REP.
- Wolverine Power Marketing Cooperative - U-16653: Renewable Energy Biennial Review 6/15/2015. The MPSC approved Wolverine Power Marketing Cooperative’s biennial REP submitted on 4/16/2015 as required by Public Act 295 of 2008.

### **Choice Rate Tariff**

- Consumers Energy – U-17735: Electric Rate Case 11/19/2015. On 12/5/2014, Consumers Energy Company (Consumers) filed an application requesting authority to amend various terms and conditions of service in its Retail Open Access (ROA) tariff during its rate relief proceeding, specifically concerning installation of communication lines for meter reads and notice of telephonic problems. On 11/19/2015, the MPSC adopted the proposed ROA tariff changes as agreed on by the Company and interveners.
- DTE Electric Company – 17767: Electric Rate Case 12/11/2015. On 12/19/2014, DTE Electric Company (DTE) filed an application requesting authority to amend various terms and conditions of service in its Retail Access Service Rider (RASR) tariff during its rate relief proceeding, specifically concerning customer protections. On 12/11/2015, the MPSC adopted the proposed RASR tariff revisions requested by DTE.

### **U-17751: Electric Supply Reliability**

In light of information garnered from case number U-17523 that indicated the possibility of significant capacity shortfalls in Michigan as early as 2016, the Commission opened this docket to obtain from electric providers, including AES’s, a self-assessment of their ability to meet their customers expected electric requirements and associated reserves during the five year period of 2015 through 2019. Responses were submitted on this docket by the following AESs: MidAmerican Energy Company, Direct Energy, Wolverine Power Supply Cooperative, FirstEnergy Solutions, Noble Americas Energy Solutions LLC, Constellation NewEnergy, Inc., Integrys Energy Services, Duke Energy Retail Sales, LLC, CMS ERM Michigan LLC, UP Power Marketing and Glacial Energy of Michigan.

## **APPENDIX 3**

## Michigan Licensed Alternative Electric Suppliers

Company Name, Address, Contact Information	Case Number	Authorization Date
<b>AEP Energy, Inc.</b> 2723 South State Street, Suite 150, Ann Arbor, MI 48104 Phone: 866-258-3782 Fax: 734-794-4701 Email: <a href="mailto:care@AEPenergy.com">care@AEPenergy.com</a> URL: <a href="http://www.AEPenergy.com">www.AEPenergy.com</a>	U-14764	2/9/2006
<b>CMS ERM Michigan LLC</b> One Energy Plaza, Suite 1060, Jackson, MI 49201-2277 Serving Dearborn Industrial Generation Phone: 517-788-0493 Fax: 517-787-4606	U-12567	8/17/2000
<b>Commerce Energy Inc.</b> 30555 Southfield Rd, Suite 440, Southfield, MI 48076 Phone: 800-556-8457 Fax: 877-332-1067 Email: <a href="mailto:contactus@commerceenergy.com">contactus@commerceenergy.com</a> URL: <a href="http://www.commerceenergy.com">www.commerceenergy.com</a>	U-13203	11/20/2001
<b>Constellation Energy Services, Inc. f/k/a Integrys Energy Services, Inc.</b> 1010 W. Washington St., Suite 2, Marquette, MI 49855 Phone: 800-544-9551 Fax: 888-672-7139 Email: <a href="mailto:support@superiorcontact.net">support@superiorcontact.net</a> URL: <a href="http://www.integrysenergy.com">www.integrysenergy.com</a>	U-13245	1/18/2002
<b>Constellation NewEnergy, Inc.</b> 2211 Old Earhart Road, Suite 175, Ann Arbor, MI 48105 Phone: 877-547-4355 Email: <a href="mailto:customercare@constellation.com">customercare@constellation.com</a> URL: <a href="http://www.constellation.com">www.constellation.com</a>	U-13660	12/20/2002
<b>Dillon Power, LLC</b> 23409 Jefferson Ave., Suite 110, St. Clair Shores, MI 48080 Phone: 866-919-2679 Email: <a href="mailto:info@dillonpower.com">info@dillonpower.com</a> URL: <a href="http://www.dillonpower.com">www.dillonpower.com</a>	U-17723	1/13/2015
<b>Direct Energy Business, LLC</b> 110 W Michigan Ave., Suite 500, Lansing, MI 48933 Phone: 866-348-4193 Email: <a href="mailto:DEBSales@directenergy.com">DEBSales@directenergy.com</a> URL: <a href="http://www.business.directenergy.com">www.business.directenergy.com</a>	U-13609	11/7/2002
<b>Direct Energy Services, LLC</b> 110 W Michigan Ave., Suite 500, Lansing, MI 48933 Phone: 866-326-8559 Email: <a href="mailto:csdirectenergy@directenergy.com">csdirectenergy@directenergy.com</a> URL: <a href="http://www.directenergy.com">www.directenergy.com</a>	U-14724	12/20/2005
<b>Dynegy Energy Services (East) f/k/a Duke Energy Retail Sales, LLC</b> 5035 #2 Progress Drive, Ludington, MI 49431 Phone: 877-331-3045 Fax: 513-629-5630 Email: <a href="mailto:DynegyEnergyServicesOhio@dynegy.com">DynegyEnergyServicesOhio@dynegy.com</a> URL: <a href="http://www.dynegyohio.com">www.dynegyohio.com</a>	U-16517	4/26/2011
<b>Eligo Energy MI, LLC</b> 2000 Town Center, Suite 1900, Southfield, MI, 48075 Phone: 888-744-8125 Email: <a href="mailto:customerservice@eligoenergy.com">customerservice@eligoenergy.com</a> URL: <a href="http://www.eligoenergy.com">www.eligoenergy.com</a>	U-17697	6/15/2015
<b>Energy Services Providers, Inc. d/b/a Michigan Gas &amp; Electric</b> 1030 State Rd., Suite 10H, Harbor Springs, MI 49740 Phone: 866-705-3610 Fax: 888-829-5797 Email: <a href="mailto:CustomerRelations@MIGandE.com">CustomerRelations@MIGandE.com</a> URL: <a href="http://www.MIGandE.com">www.MIGandE.com</a>	U-16912	4/6/2012
<b>FirstEnergy Solutions</b> 30600 Telegraph Rd. #2345, Bingham Farms, MI 48025 Phone: 888-254-6359 Fax: 888-820-1416 Email: <a href="mailto:firstchoice@fes.com">firstchoice@fes.com</a> URL: <a href="http://www.fes.com">www.fes.com</a>	U-13244	1/08/2002
<b>Glacial Energy of Illinois, Inc.</b> 7 West Square Lake Road, Bloomfield, MI 48302 Phone: 888-452-2425 Fax: 214-594-0000 URL: <a href="http://www.glacialenergy.com">www.glacialenergy.com</a>	U-15922	6/2/2009
<b>Interstate Gas Supply, Inc. d/b/a IGS Energy</b> 306 East Main Street, Suite 230, Niles, MI 49120 Phone: 888-993-0997 Email: <a href="mailto:choice@igsenergy.com">choice@igsenergy.com</a> URL: <a href="http://www.igsenergy.com">www.igsenergy.com</a>	U-17243	6/28/2013

Company Name, Address, Contact Information	Case Number	Authorization Date
<b>Lakeshore Energy Services, LLC d/b/a Continuum Energy</b> 201 State St, Suite 200, Charlevoix, MI 49720 Phone: 888-200-3788 Fax: 877-537-2019 Email: <a href="mailto:customerchoice@continuumes.com">customerchoice@continuumes.com</a> URL: <a href="http://www.continuumes.com">www.continuumes.com</a>	U-16905	4/6/2012
<b>Liberty Power Delaware, LLC.</b> <i>Company has received a license. A Michigan office must be established before the company can begin marketing</i>	U-15140	4/24/2007
<b>Liberty Power Holdings, LLC.</b> <i>Company has received a license. A Michigan office must be established before the company can begin marketing</i>	U-15139	4/24/2007
<b>MidAmerican Energy Co.</b> 39555 Orchard Hill Place, Suite 600, Novi, MI 48375 Phone: 800-432-8574 Fax: 563-333-8563 Email: <a href="mailto:customerservice-retail@midamerican.com">customerservice-retail@midamerican.com</a> URL: <a href="http://www.midamericanchoice.com">www.midamericanchoice.com</a>	U-13928	3/29/2004
<b>MidAmerican Energy Services, LLC</b> 39555 Orchard Hill Place, Suite 600, Novi, MI 48375 Phone: 800-432-8574 Fax: 563-333-8563 Email: <a href="mailto:customerservice-retail@midamerican.com">customerservice-retail@midamerican.com</a> URL: <a href="http://www.midamericanchoice.com">www.midamericanchoice.com</a>	U-17888	9/10/2015
<b>Noble Americas Energy Solutions, LLC</b> 2000 Town Center, Suite 1900, Southfield, MI 48075 Phone: 630-390-2714 Fax: 248-351-2699 Email: <a href="mailto:LKeas@NobleSolutions.com">LKeas@NobleSolutions.com</a> URL: <a href="http://www.NobleSolutions.com">www.NobleSolutions.com</a>	U-13361	4/16/2002
<b>Plymouth Rock Energy, LLC</b> 25900 Greenfield Road, Suite 245, Oak Park, MI 48237 Phone: 855-327-6937 Fax: 516-295-1417 Email: <a href="mailto:customercare@plymouthenergy.com">customercare@plymouthenergy.com</a> URL: <a href="http://www.plymouthenergy.com">www.plymouthenergy.com</a>	U-17492	1/23/2014
<b>PowerOne Corporation</b> 6840 N. Haggerty Road, Canton, MI 48187 Phone: 734-354-2000 Fax: 734-354-4225 Email: <a href="mailto:Rami.Fawaz@poweronecorp.com">Rami.Fawaz@poweronecorp.com</a> URL: <a href="http://www.poweronecorp.com">www.poweronecorp.com</a>	U-13280	2/1/2002
<b>Premier Energy Marketing, L.L.C.</b> 6111 Jackson Road, Suite 107, Ann Arbor, MI 48103 Phone: 734-769-0675 Fax: 734-769-0675 Email: <a href="mailto:bschlansker@premierenergyonline.com">bschlansker@premierenergyonline.com</a> URL: <a href="http://www.premierenergyonline.com">www.premierenergyonline.com</a>	U-13620	11/7/2002
<b>Santanna Energy Services</b> 2000 Town Center, Suite 1900, Southfield, MI 48075 Phone: 800-764-4427 Fax: 877-887-5099 Email: <a href="mailto:customer@ses4energy.com">customer@ses4energy.com</a> URL: <a href="http://www.santannaenergyservices.com">www.santannaenergyservices.com</a>	U-17160	5/15/2013
<b>Spartan Renewable Energy, LLC</b> 10125 W. Watergate Rd., PO Box 189, Cadillac, MI 49601 Phone: 877-288-WIND Fax: 231-775-0172 Email: <a href="mailto:cgeiger@spartanrenewable.com">cgeiger@spartanrenewable.com</a> URL: <a href="http://www.spartanrenewable.com">www.spartanrenewable.com</a>	U-15309	9/18/2007
<b>Texas Retail Energy, LLC</b> 208 N Capitol Ave., 3 <sup>rd</sup> Floor, Lansing, MI 48933 Phone: 866-532-0761 Fax: 479-204-0936 Email: <a href="mailto:chris.hendrix@texasretailenergy.com">chris.hendrix@texasretailenergy.com</a>	U-17076	12/6/2012
<b>U.P. Power Marketing LLC</b> 29639 Willow Rd., White Pine, MI 49971 Phone: 906-885-7100 Fax: 906-885-7400 Email: <a href="mailto:zach.halkola@traxys.com">zach.halkola@traxys.com</a> URL: <a href="http://www.traxys.com">www.traxys.com</a>	U-14594	10/25/2007
<b>Wolverine Power Marketing Cooperative, Inc.</b> 10125 W. Watergate Road, P. O. Box 100, Cadillac, MI 49601 Phone: 877-907-WPMC Fax: 231-775-0172 Email: <a href="mailto:sfrederick@wpmc.coop">sfrederick@wpmc.coop</a> URL: <a href="http://www.wpmc.coop">www.wpmc.coop</a>	U-12723	11/20/2000

\*This list is current as of December 2015. An up-to-date AES directory is kept on the MPSC Website, at <http://www.dleg.state.mi.us/mpsc/electric/restruct/esp/aeslist.htm>.