

# Energy Optimization 2014 Annual Report for Michigan Electric Municipal Utilities

## Introduction

Pursuant to 2008 Public Act 295 (PA 295), the municipal utilities are filing this annual energy optimization (EO) report with the Michigan Public Service Commission (MPSC). This EO annual report consists of two sections:

- Section 1 will address the requirements under PA 295 Section 97, Subsections 1-3 and Section 71, Subsection 3 (i).
- Section 2 will summarize the EO programs implemented in 2014.

## SECTION 1: PA 295 SECTION 97 AND SECTION 71 REQUIREMENTS

***Section 97 (1) Each provider shall submit to the commission an annual report that provides information relating to the actions taken by the provider to comply with the energy optimization standards.***

Each municipal electric provider has continued to offer Energy Optimization programs to all customer classes. Attachment A provides a list of EO programs offered by each provider and the implementation contractors if applicable.

***Section 97 (2) Annual reports under subsection (1) shall include the following: (a) The number of energy optimization credits that the provider generated during the reporting period. (b) Expenditures made in the past year and anticipated future expenditures to comply with this subpart. (c) Any other information that the commission determines necessary.***

The number of energy optimization credits (in megawatt hours) generated for 2014 and the targets for 2015 are shown in Attachment B for the municipal utilities. The expenditures for 2014 for the Low Income, Residential, Commercial/Industrial programs and Administration/EM&V can be found in Attachment C. The EO Residential surcharge for each municipal in cost per kilowatt hour (or cost per meter) along with the responsible party for administration of programs is listed in Attachment D.

***Section 97 (3) Concurrent with the submission of each report under subsection (1), a municipally-owned electric utility shall submit a summary of the report to its customers in their bills with a bill insert, to its governing body, at its office and on its website.***

Each municipal electric utility will submit a copy of this annual report to its governing body; make it available at its office; on its website and a summary to its customers.

**Section 71 (3)(i) Include a process for obtaining an independent expert evaluation of the actual energy optimization programs to verify the incremental energy savings from each energy optimization program for purposes of section 77.**

The verification of the incremental gross energy savings for each municipal electric utility was performed where funding allowed.

## **SECTION 2: SUMMARY OF EO PROGRAMS IMPLEMENTED IN 2014**

### **Residential Low Income Services**

All the municipal electric utilities continued to offer low income programs to their customers in 2014.

### **Residential Solutions**

All the municipal electric utilities offered programs to their residential customers, examples of the types of programs are listed below.

- *Efficient Lighting Program*
- *Appliance Turn-In and Recycling Program*
- *Residential Education Services*
- *Residential HVAC and Appliances*
- *Audit and Weatherization*
- *Farm Services*
- *Residential Home Energy*
- *New Construction*
- *Residential Multi-Family In-Unit Efficiency*
- *Electric Water Heater Savings Kits*
- *Pilot/Emerging Technology Program*

### **Business Solutions**

All the municipal electric utilities offered programs to their commercial and industrial customers, examples of the types of programs are listed below.

- *Commercial and Industrial Prescriptive Incentive Program*
- *Commercial and Industrial Custom Incentive Program*
- *Multi-Family Common Area Program*
- *Small Business Direct Install*
- *New Construction & Remodeling*
- *Business Education Services*
- *Pilot/Emerging Technology Program*

ENERGY OPTIMIZATION PROGRAMS AND CONTRACTORS					
INDEPENDENTLY ADMINISTERING					
Utility	Sector		Program Type	Year Imp.	Implementation Contractors
Village of Clinton	Residential	1	Residential Low Income	2009	Internally
		2	Efficient Lighting Program	2009	Internally
		3	Residential Education Services	2009	Internally
		4	Residential Appliances & HVAC	2009	Internally
	C & I	1	Business Services	2009	Internally
		2	Education Services	2009	Internally
		Eval	Evaluation & Verification	2009	Local Police Officer
Coldwater Board of Public Utilities	Residential	1	Residential Low Income	2009	Internally
		2	Efficient Lighting Program	2009	Internally
		3	Appliance Recycling	2009	JACO
		4	Residential Education Services	2009	Internally
		5	Residential Appliances & HVAC	2009	Internally
		7	Residential Pilot Programs	2009	Internally
	C & I	1	Prescriptive Incentive	2009	Internally
		2	Custom Incentive	2009	Internally
		3	Education Services	2009	Internally
		4	Pilot Programs	2009	Internally
		Eval	Evaluation & Verification	2010	E3M Solutions
Lansing Board of Water & Light	Residential	1	Residential Low Income	2009	MEO & Internally
		2	Efficient Lighting Program	2009	MEO/WECC
		3	Refrigerator/Freezer Turn-In	2009	MEO/WECC
		4	Residential Appliances & HVAC	2010	MEO/WECC
		5	Residential Multi-Family In-Unit Efficiency	2010	MEO/WECC
		6	Residential Education Services	2009	Internally
	C & I	7	Residential Pilot Programs	2011	Internally
		1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Small Business Direct Install	2011	Franklin Energy
		4	Education Services	2009	Internally
		5	Pilot Programs	2010	Internally
		Eval	Evaluation & Verification	2009	DNV-GL
City of Marshall	Residential	1	Residential Low Income	2009	Internally
		2	Residential Services	2009	Internally
		3	Residential Education Services	2009	Internally
	C & I	1	Prescriptive Incentive	2009	Internally
		2	Custom Incentive	2009	Internally
		3	Education Services	2009	Internally
		Eval	Evaluation & Verification	2010	Internally
Sebewaing	Residential	1	Residential Low Income	2009	Internally
		2	Residential Services	2009	Internally
		3	Residential Education Services	2009	Internally
		4	Residential Pilot	2010	Internally
		5	Residential Appliances & HVAC	2010	Internally
	C & I	1	Prescriptive Incentive	2009	Internally
		2	Custom Incentive	2009	Internally
		3	Education Services	2009	Internally
		4	Pilot Programs	2010	Internally
		Eval	Evaluation & Verification	2009	DNV-GL
Union City Electric Department	Residential	1	Residential Low Income	2009	Internally
		2	Efficient Lighting Program	2009	Internally
		3	Residential Education Services	2009	Internally
	C&I	1	Prescriptive Incentive Program	2009	Internally
		2	Education Services	2009	Internally
			Eval	Evaluation & Verification	2009

<b>MECA COLLABORATIVE</b>					
<b>Utility</b>	<b>Sector</b>		<b>Program Type</b>	<b>Year Imp.</b>	<b>Implementation Contractors</b>
Escanaba Electric Department	Residential	1	Residential Low Income	2010	WECC
		2	Energy Star Products	2010	WECC
		3	Appliance Recycling	2010	WECC
		4	Efficient HVAC	2010	WECC
		5	Audit & Weatherization / New Construction	2010	WECC
		6	Education Services	2010	WECC
		7	Pilot Programs	2010	WECC
	C & I	1	General Business Services	2010	WECC
		2	Education Services	2010	WECC
		3	Pilot Programs	2010	WECC
		Eval	Evaluation & Verification	2009	DNV-GL
Marquette Board of Light & Power	Residential	1	Residential Low Income	2010	WECC
		2	Energy Star Products	2010	WECC
		3	Appliance Recycling	2010	WECC
		4	Efficient HVAC	2010	WECC
		5	Audit & Weatherization / New Construction	2010	WECC
		6	Education Services	2010	WECC
		7	Pilot Programs	2010	WECC
	C&I	1	General Business Services	2010	WECC
		2	Education Services	2010	WECC
		3	Pilot Programs	2010	WECC
		Eval	Evaluation & Verification	2009	DNV-GL
Newberry Water & Light Board	Residential	1	Residential Low Income	2010	WECC
		2	Energy Star Products	2010	WECC
		3	Appliance Recycling	2010	WECC
		4	Efficient HVAC	2010	WECC
		5	Audit & Weatherization / New Construction	2010	WECC
		6	Farm Services	2012	WECC
		7	Education Services	2010	WECC
	C&I	8	Pilot Programs	2010	WECC
		1	General Business Services	2010	WECC
		2	Education Services	2010	WECC
		3	Pilot Programs	2010	WECC
		Eval	Evaluation & Verification	2009	DNV-GL
City of Stephenson	Residential	1	Residential Low Income	2010	WECC
		2	Energy Star Products	2010	WECC
		3	Appliance Recycling	2010	WECC
		4	Efficient HVAC	2010	WECC
		5	Audit & Weatherization / New Construction	2010	WECC
		6	Education Services	2010	WECC
		7	Pilot Programs	2010	WECC
	C & I	1	General Business Services	2010	WECC
		2	Education Services	2010	WECC
		3	Pilot Programs	2010	WECC
		Eval	Evaluation & Verification	2009	DNV-GL

<b>MPPA Collaborative</b>						
<b>Utility</b>	<b>Sector</b>		<b>Program Type</b>	<b>Year Imp.</b>	<b>Implementation Contractors</b>	
Bay City Electric Light & Power	Residential	1	Residential Low Income	2009	Internally	
		2	Efficient Lighting Program	2009	Internally	
		3	Refrigerator/Freezer Turn-In	2009	Internally	
		4	Residential Education Services	2009	Internally	
		5	Residential Appliances & HVAC	2010	Internally	
		6	Residential Home Energy Programs	2010	Internally	
		7	Electric Water Heater Saving Kits	2010	Internally	
		8	Residential Pilot Programs	2010	Internally	
	C & I	1	Prescriptive Incentive	2009	Franklin Energy	
		2	Custom Incentive	2009	Franklin Energy	
		3	Small Business Direct Install	2011	Franklin Energy	
		4	Education Services	2009	Internally	
		5	Pilot Programs	2010	Internally	
Eval	Evaluation & Verification	2009	DNV-GL			
City of Charlevoix	Residential	1	Residential Low Income	2009	MCAA	
		2	Efficient Lighting Program	2009	Franklin Energy	
		3	Refrigerator/Freezer Turn-In	2009	Franklin Energy	
		4	Residential Education Services	2009	Internally	
		5	Residential Appliances & HVAC	2010	Franklin Energy	
	C & I	1	Prescriptive Incentive	2009	Franklin Energy	
		2	Custom Incentive	2009	Franklin Energy	
		3	Small Business Direct Install	2011	Franklin Energy	
		4	Education Services	2009	Internally	
	Eval	Evaluation & Verification	2009	DNV-GL		
	Chelsea Electric Department	Residential	1	Residential Low Income	2009	Internally
			2	Efficient Lighting Program	2009	Franklin Energy
			3	Refrigerator/Freezer Turn-In	2009	Franklin Energy
4			Residential Education Services	2009	Internally	
5			Residential Multi-Family In-Unit Efficiency	2010	Franklin Energy	
6			Residential Appliances & HVAC	2010	Franklin Energy	
7			Residential Pilot Programs	2010	Internally	
C & I		1	Prescriptive Incentive	2009	Franklin Energy	
		2	Custom Incentive	2009	Franklin Energy	
		3	Small Business Direct Install	2011	Franklin Energy	
		4	Education Services	2009	Internally	
		5	Pilot Programs	2010	Internally	
Eval		Evaluation & Verification	2009	DNV-GL		
Croswell Light & Power	Residential	1	Residential Low Income	2009	Internally	
		2	Efficient Lighting	2009	Internally	
		3	Refrigerator/Freezer Turn-In & Recycling	2009	Franklin Energy	
		4	Efficient Appliances & HVAC	2009	Franklin Energy	
		5	Residential Pilot Programs	2009	Internally	
		6	Educational Services	2009	Internally	
	C & I	1	Prescriptive Incentive	2009	Franklin Energy	
		2	Custom Incentive	2009	Franklin Energy	
		3	Small Business Direct Install	2011	Franklin Energy	
		4	Education Services	2009	Internally	
	Eval	Evaluation & Verification	2009	DNV-GL		
	City of Eaton Rapids	Residential	1	Residential Low Income	2009	Capital Area Community Services Inc.
			2	Efficient Lighting Program	2009	Franklin Energy
3			Refrigerator/Freezer Turn-In	2009	Franklin Energy	
4			Residential Education Services	2009	Internally	
5			Residential Pilot Programs	2010	Internally	
6			Residential Appliances & HVAC	2010	Franklin Energy	
7			Residential Home Energy Program	2012	Internal	
C & I		1	Prescriptive Incentive	2009	Franklin Energy	
		2	Custom Incentive	2009	Franklin Energy	
		3	Small Business Direct Install	2011	Franklin Energy	
		4	Education Services	2009	Internally	
		5	Pilot Programs	2010	Internally	
Eval		Evaluation & Verification	2009	DNV-GL		

Utility	Sector		Program Type	Year Imp.	Implementation Contractors	
<b>MPPA Collaborative (continued)</b>						
Grand Haven Board of Light & Power	Residential	1	Residential Low Income	2009	MCAA	
		2	Efficient Lighting Program	2009	Franklin Energy	
		3	Refrigerator/Freezer Turn-In	2009	Franklin Energy	
		4	Residential Education Services	2009	Internally	
		5	Residential Home Energy Program	2012	Internal	
		6	Residential Appliances & HVAC	2010	Franklin Energy	
		7	Residential Multi-Family In-Unit Efficiency	2010	Franklin Energy	
		8	Residential Pilot Programs	2010	Internally	
	C & I	1	Prescriptive Incentive	2009	Franklin Energy	
		2	Custom Incentive	2009	Franklin Energy	
		3	Small Business Direct Install	2011	Franklin Energy	
		4	Education Services	2009	Internally	
		5	Pilot Programs	2010	Internally	
Eval	Evaluation & Verification	2009	DNV-GL			
City of Hart Hydro Electric	Residential	1	Residential Low Income	2010	Internally	
		2	Efficient Lighting Program	2009	Franklin Energy	
		3	Refrigerator/Freezer Turn-In	2009	Franklin Energy	
		4	Residential Education Services	2009	Internally	
		5	Residential Appliances & HVAC	2010	Franklin Energy	
	C & I	1	Prescriptive Incentive	2009	Franklin Energy	
		2	Custom Incentive	2009	Franklin Energy	
		3	Small Business Direct Install	2011	Franklin Energy	
		4	Education Services	2009	Internally	
	Eval	Evaluation & Verification	2009	DNV-GL		
	Holland Board of Public Works	Residential	1	Residential Low Income	2009	MCAA, Lakeshore Habitat for Humanity
			2	Efficient Lighting Program	2009	Internally
			3	Refrigerator/Freezer Turn-In	2009	JACO Environmental
4			Residential Education Services	2009	Internally	
5			Residential Appliances & HVAC	2009	Internally & Franklin Energy	
8			Residential Multi-Family In-Unit Efficiency	2009	Franklin Energy	
9			Residential Pilot Programs	2009	Internally, Ottawa Co. Com. Action Agency	
C & I		1	Prescriptive Incentive	2009	Franklin Energy	
		2	Custom Incentive	2009	Franklin Energy	
		3	Small Business Direct Install	2011	Franklin Energy	
		4	Education Services	2009	Internally, Sustainable Research Group	
		5	Pilot Programs	2009	Internally	
Eval		Evaluation & Verification	2009	DNV-GL		
Lowell Light and Power	Residential	1	Residential Low Income	2009	Internally	
		2	Efficient Lighting Program	2009	Internally	
		3	Refrigerator/Freezer Turn-In	2009	Franklin Energy	
		4	Residential Education Services	2009	Internally	
		5	Residential Appliances & HVAC	2010	Franklin Energy	
		6	Residential Pilot Programs	2009	Internally	
	C & I	1	Prescriptive Incentive	2009	Franklin Energy	
		2	Custom Incentive	2009	Franklin Energy	
		3	Small Business Direct Install	2011	Franklin Energy	
		4	Education Services	2009	Internally	
		5	Pilot Programs	2009	Internally	
	Eval	Evaluation & Verification	2009	DNV-GL		
	Niles Utilities Department	Residential	1	Residential Low Income	2010	MCAA
2			Efficient Lighting Program	2009	Franklin Energy	
3			Refrigerator/Freezer Turn-In	2009	Franklin Energy	
4			Residential Education Services	2009	Internally	
5			Residential Appliances & HVAC	2009	Franklin Energy	
C & I		1	Prescriptive Incentive	2009	Franklin Energy	
		2	Custom Incentive	2009	Franklin Energy	
		3	Small Business Direct Install	2011	Franklin Energy	
		4	Education Services	2009	Internally	
Eval		Evaluation & Verification	2009	DNV-GL		

MPPA Collaborative (continued)

Utility	Sector		Program Type	Year Imp.	Implementation Contractors
Village of Paw Paw	Residential	1	Residential Low Income	2009	Internally
		2	Efficient Lighting Program	2009	Franklin Energy
		3	Refrigerator/Freezer Turn-In	2009	Franklin Energy
		4	Residential Multi-Family In-Unit Efficiency	2009	Franklin Energy
		5	Residential Education Services	2009	Internally
		6	Residential Appliances & HVAC	2010	Franklin Energy
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Small Business Direct Install	2011	Franklin Energy
		4	Education Services	2009	Internally
Eval	Evaluation & Verification	2009	DNV-GL		
City of Petoskey	Residential	1	Residential Low Income	2009	Internally
		2	Efficient Lighting Program	2009	Franklin Energy
		3	Refrigerator/Freezer Turn-In	2009	Franklin Energy
		4	Residential Education Services	2009	Internally
		5	Residential Appliances & HVAC	2010	Franklin Energy
		6	Pilot Programs	2010	Internally
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Small Business Direct Install	2011	Franklin Energy
		4	Education Services	2009	Internally
5	Pilot Programs	2010	Internally		
Eval	Evaluation & Verification	2009	DNV-GL		
Portland Light and Power Board	Residential	1	Residential Low Income	2009	MCAA
		2	Efficient Lighting Program	2009	Franklin Energy
		3	Refrigerator/Freezer Turn-In	2009	Franklin Energy
		4	Residential Education Services	2009	Internally
		5	Residential Appliances & HVAC	2010	Franklin Energy
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Small Business Direct Install	2011	Franklin Energy
		4	Education Services	2009	Internally
	Eval	Evaluation & Verification	2009	DNV-GL	
City of St. Louis	Residential	1	Residential Low Income	2009	Internally
		2	Efficient Lighting Program	2009	Franklin Energy
		3	Refrigerator/Freezer Turn-In	2009	Franklin Energy
		4	Residential Education Services	2009	Internally
		5	Residential Appliances & HVAC	2010	Franklin Energy
		6	Residential Pilot Programs	2010	Internally
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Small Business Direct Install	2011	Franklin Energy
		4	Education Services	2009	Internally
5	Pilot Programs	2010	Internally		
Eval	Evaluation & Verification	2009	DNV-GL		
City of Sturgis	Residential	1	Residential Low Income	2009	MCAA
		2	Efficient Lighting Program	2009	Franklin Energy
		3	Residential Home Energy Program	2012	Internally
		4	Residential Education Services	2009	Internally
		5	Residential Appliances & HVAC	2010	Franklin Energy
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Small Business Direct Install	2011	Franklin Energy
		4	Pilot Programs	2010	Internally
		5	Education Services	2009	Internally
Eval	Evaluation & Verification	2009	DNV-GL		

## MPPA Collaborative (continued)

Utility	Sector		Program Type	Year Imp.	Implementation Contractors
Traverse City Light and Power	Residential	1	Residential Low Income	2009	Internally
		2	Efficient Lighting Program	2009	Internally
		3	Refrigerator/Freezer Turn-In	2009	Internally
		4	Residential Education Services	2009	Internally
		5	Residential Appliances & HVAC	2009	Franklin Energy, Internally
		6	Residential Pilot Programs	2009	Internally
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Small Business Direct Install	2011	Franklin Energy
		4	Education Services	2009	Internally
		5	Pilot Programs	2009	Internally
	Eval	Evaluation & Verification	2009	DNV-GL	
Wyandotte Municipal Services	Residential	1	Residential Low Income	2009	Internally
		2	Efficient Lighting Program	2009	Internally
		3	Refrigerator/Freezer Turn-In	2009	Franklin Energy
		4	Residential Education Services	2009	Internally
		5	Residential Pilot Programs	2009	Internally
		6	Residential Appliances & HVAC	2010	Franklin Energy
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Pilot Programs	2009	Internally
		4	Education Services	2009	Internally
		Eval	Evaluation & Verification	2009	DNV-GL
Zeeland Board of Public Works	Residential	1	Residential Low Income	2009	MCAA
		2	Efficient Lighting Program	2009	Franklin Energy
		3	Refrigerator/Freezer Turn-In	2010	Franklin Energy
		4	Residential Education Services	2009	Internally
		5	Residential Appliances & HVAC	2010	Franklin Energy
		6	Residential Pilot Programs	2009	Internally
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Small Business Direct Install	2011	Franklin Energy
		4	Education Services	2009	Internally
		Eval	Evaluation & Verification	2010	DNV-GL



## MWh Data

Electric Municipals	1.00%			1.00%
	2014 Target	2014 Actual	% Achieved	2015 Target
Bay City Electric Light & Power	3,374	4,012	119%	2,647
City of Charlevoix	324	550	170%	584
Chelsea Electric Department	591	768	130%	945
Village of Clinton	202	208	103%	210
Coldwater Board of Public Utilities	2,887	3,317	115%	2,858
Croswell Light & Power Department	288	307	107%	298
City of Eaton Rapids	267	905	339%	473
Escanaba Electric Department	1,266	1,294	102%	1,419
Grand Haven Board of Light and Power	1,712	2,298	134%	2,735
City of Hart Hydro Electric	309	461	149%	408
Holland Board of Public Works	10,399	10,861	104%	10,845
Lansing Board of Water & Light	18,011	23,094	128%	20,521
Lowell Light and Power	688	697	101%	548
Marquette Board of Light and Power	2,403	2,861	119%	3,070
City of Marshall Electric Department	746	756	101%	1,039
Newberry Water & Light Board	129	141	109%	199
Niles Utilities Department	1,328	1,401	105%	1,305
Village of Paw Paw	344	1,747	508%	489
City of Petoskey	1,907	1,870	98%	1,084
Portland Light and Power Board	298	318	107%	362
Sebewaing Light & Water Dept.	223	676	303%	223
City of St. Louis	411	397	97%	335
City of Stephenson	34	37	109%	59
City of Sturgis	1,595	2,189	137%	2,263
Traverse City Light & Power	2,826	3,437	122%	2,815
Union City	172	173	101%	149
City of Wakefield			#DIV/0!	
Wyandotte Municipal Services	1,503	1,295	86%	1,984
Zeeland Board of Public Works	2,132	2,790	131%	2,982

## Actual 2014 Expenditures

<b>Electric Municipals</b>	<b>Total 2014</b>	<b>Residential W/O Low Income</b>	<b>Residential W/Low Income</b>	<b>C&amp;I</b>	<b>Low Income</b>	<b>Admin &amp; Eval</b>
Bay City Electric Light & Power	\$578,296	\$209,367	\$313,949	\$221,748	\$104,582	\$42,599
City of Charlevoix	\$63,353	\$30,592	\$30,592	\$25,574	\$0	\$7,187
Chelsea Electric Department	\$108,690	\$11,932	\$11,932	\$87,590	\$0	\$9,168
Village of Clinton	\$9,391	\$5,159	\$5,366	\$1,725	\$207	\$2,300
Coldwater Board of Public Utilities	\$301,048	\$25,068	\$34,885	\$194,276	\$9,816	\$71,887
Croswell Light & Power Department	\$84,861	\$24,854	\$25,586	\$53,927	\$732	\$5,348
City of Eaton Rapids	\$84,448	\$12,725	\$12,725	\$64,662	\$0	\$7,062
Escanaba Electric Department	\$160,238	\$42,086	\$48,153	\$100,166	\$6,067	\$11,919
Grand Haven Board of Light and Power	\$370,376	\$127,819	\$127,819	\$220,900	\$0	\$21,656
City of Hart Hydro Electric	\$74,927	\$8,917	\$8,917	\$60,136	\$0	\$5,874
Holland Board of Public Works	\$1,472,659	\$218,567	\$262,713	\$1,017,473	\$44,146	\$192,473
Lansing Board of Water & Light	\$3,537,494	\$959,936	\$1,147,649	\$1,930,250	\$187,713	\$459,595
Lowell Light and Power	\$136,862	\$26,882	\$29,063	\$99,529	\$2,181	\$8,270
Marquette Board of Light and Power	\$403,665	\$108,110	\$128,924	\$249,891	\$20,814	\$24,850
City of Marshall Electric Department	\$84,910	\$21,211	\$22,550	\$50,465	\$1,339	\$11,895
Newberry Water & Light Board	\$16,728	\$4,822	\$5,877	\$8,371	\$1,055	\$2,480
Niles Utilities Department	\$222,279	\$73,477	\$73,477	\$136,734	\$0	\$12,068
Village of Paw Paw	\$79,359	\$18,404	\$20,404	\$52,796	\$2,000	\$6,159
City of Petoskey	\$167,240	\$29,773	\$36,813	\$119,847	\$7,040	\$10,580
Portland Light and Power Board	\$57,832	\$30,877	\$30,877	\$21,344	\$0	\$5,611
Sebewaing Light & Water Dept.	\$54,616	\$9,969	\$14,267	\$34,950	\$4,298	\$5,399
City of St. Louis	\$73,664	\$15,598	\$15,598	\$51,705	\$0	\$6,362
City of Stephenson	\$6,854	\$2,141	\$2,402	\$3,389	\$261	\$1,063
City of Sturgis	\$316,200	\$92,578	\$92,578	\$204,665	\$0	\$18,957
Traverse City Light & Power	\$460,846	\$73,942	\$78,816	\$330,790	\$4,874	\$51,240
Union City	\$9,679	\$5,244	\$5,371	\$3,708	\$127	\$600
City of Wakefield	\$0					
Wyandotte Municipal Services	\$346,719	\$124,803	\$145,179	\$183,247	\$20,375	\$18,293
Zeeland Board of Public Works	\$405,471	\$48,350	\$48,350	\$342,671	\$0	\$14,450

<b>Energy Optimization Administration and Residential Surcharges for 2014</b>			
<b>Electric Municipals</b>	<b>Docket No.</b>	<b>Administration 2014</b>	<b>EO Residential Surcharge per \$/kWh or Per Meter</b>
Bay City Electric Light & Power	U-17382	MPPA	0.000825
City of Charlevoix	U-17383	MPPA	\$0.00178
Chelsea Electric Department	U-17384	MPPA	\$0.00100
Village of Clinton	U-17385	Independently	\$0.00000
Coldwater Board of Public Utilities	U-17386	Independently	\$0.00252
Croswell Light & Power Department	U-17387	MPPA	\$0.00169
City of Eaton Rapids	U-17392	MPPA	\$0.00080
Escanaba Electric Department	U-17393	MECA	\$0.00216
Grand Haven Board of Light and Power	U-17395	MPPA	\$0.00180
City of Hart Hydro Electric	U-17397	MPPA	\$0.00130
Holland Board of Public Works	U-17399	MPPA	\$0.00166
Lansing Board of Water & Light	U-17401	Independently	\$0.00185
Lowell Light and Power	U-17402	MPPA	\$0.00163
Marquette Board of Light and Power	U-17403	MECA	\$0.00171
City of Marshall Electric Department	U-17404	Independently	\$0.00000
Newberry Water & Light Board	U-17406	MECA	\$0.00137
Niles Utilities Department	U-17407	MPPA	\$0.00000
Village of Paw Paw	U-17409	MPPA	\$0.00120
City of Petoskey	U-17410	MPPA	\$0.00182
Portland Light and Power Board	U-17411	MPPA	\$0.00132
Sebewaing Light & Water Dept.	U-17412	Independently	\$0.00174
City of St. Louis	U-17414	MPPA	\$0.00114
City of Stephenson	U-17415	MECA	\$0.00128
City of Sturgis	U-17416	MPPA	\$0.00191
Traverse City Light & Power	U-17417	MPPA	\$0.00000
Union City	U-17418	Independently	\$0.00090
City of Wakefield	U-17419	Independently	\$0.00170
Wyandotte Municipal Services	U-17420	MPPA	\$0.00197
Zeeland Board of Public Works	U-17421	MPPA	\$1.00 Per Meter