

Energy Optimization 2013 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 2013.

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 2013 and the targets for 2014 are shown in Attachment B for the municipal utilities. The expenditures for 2013 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 2013

Residential Low Income Services

All the municipal electric utilities continued to offer low income programs to their customers in 2013.

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	Efficiency Smart
		3	Appliance Recycling	2009	JACO
		4	Residential Education Services	2009	Internally
		5	Residential Appliances & HVAC	2009	Efficiency Smart
	C & I	7	Residential Pilot Programs	2009	Efficiency Smart
		1	Prescriptive Incentive	2009	Efficiency Smart
		2	Custom Incentive	2009	Efficiency Smart
		3	Education Services	2009	Internally
			4	Pilot Programs	2009
		Eval	Evaluation & Verification	2010	Integral Analytics
Detroit Public Lighting Dept.	Residential	1	Residential Low Income	2010	Walker Miller Energy Services
		2	Efficient Lighting	2010	Walker Miller Energy Services
		3	Educational Services	2010	Internal / Walker Miller Energy Services
	C & I	1	Prescriptive Incentive	2010	Walker Miller Energy Services
		2	Custom Incentive	2010	Walker Miller Energy Services
		3	Education Services	2010	Walker Miller Energy Services
		Eval	Evaluation & Verification	2010	KEMA
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
		7	Residential Pilot Programs	2011	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	KEMA
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	KEMA

INDEPENDENTLY ADMINISTERING (continued)					
Utility	Sector		Program Type	Year Imp.	Implementation Contractors
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	KEMA INC.
City of Wakefield	Residential	1	Residential Low Income	2010	Internally
		2	Efficient Lighting Program	2010	Internally
		3	Residential Education Services	2010	Internally
		4	Electric Water Heater Saving Kits	2010	Internally
	C & I	1	Prescriptive Incentive	2010	Internally
		2	Custom Incentive	2010	Internally
		3	Education Services	2010	Internally
		Eval	Evaluation & Verification	2009	None due to budget constraints
		MECA COLLABORATIVE			
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	KEMA		
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	KEMA		
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
		8	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	KEMA		
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	KEMA		

MPPA Collaborative					
Utility	Sector		Program Type	Year Imp.	Implementation Contractors
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	KEMA	
City of Charlevoix	Residential	1	Residential Low Income	2009	MCAAA
		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	KEMA
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	KEMA	
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	KEMA	

MPPA Collaborative					
Utility	Sector		Program Type	Year Imp.	Implementation Contractors
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	KEMA	
Grand Haven Board of Light & Power	Residential	1	Residential Low Income	2009	MCAAA
		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	KEMA	
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	KEMA	
Holland Board of Public Works	Residential	1	Residential Low Income	2009	MCAAA, 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
	C & I	9	Residential Pilot Programs	2009	Internally, Ottawa Co. Com. Action Agency
		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	KEMA	

MPPA Collaborative (continued)					
Utility	Sector		Program Type	Year Imp.	Implementation Contractors
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	KEMA	
Niles Utilities Department	Residential	1	Residential Low Income	2010	MCAAA
		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	KEMA
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	KEMA	
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
	Eval	Evaluation & Verification	2009	KEMA	
Portland Light and Power Board	Residential	1	Residential Low Income	2009	MCAAA
		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	KEMA
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
	Eval	Evaluation & Verification	2009	KEMA	

MPPA Collaborative (continued)					
Utility	Sector		Program Type	Year Imp.	Implementation Contractors
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	KEMA
Traverse City Light and Power	Residential	1	Residential Low Income	2009	Internally, Michigan Energy Options
		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	KEMA
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	KEMA
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	KEMA

MWh Data

Electric Municipals	1.00%			1.00%
	2013 Target	2013 Actual	% Achieved	2014 Target
Bay City Electric Light & Power	3,124	3,044	97%	3,374
City of Charlevoix	608	693	114%	611
Chelsea Electric Department	738	893	121%	650
Village of Clinton	227	241	107%	202
Coldwater Board of Public Utilities	2,589	2,056	79%	2,887
Croswell Light & Power Department	355	199	56%	355
Detroit Public Lighting Department	NA	NA	NA	NA
City of Eaton Rapids	331	830	251%	525
Escanaba Electric Department	1,471	1,614	110%	1,266
Grand Haven Board of Light and Power	2,674	3,198	120%	2,697
City of Hart Hydro Electric	421	562	133%	427
Holland Board of Public Works	9,821	10,934	111%	10,399
Lansing Board of Water & Light	18,363	26,757	146%	18,011
Lowell Light and Power	548	444	81%	668
Marquette Board of Light and Power	3,199	3,827	120%	2,403
City of Marshall Electric Department	725	1,039	143%	746
Newberry Water & Light Board	140	206	147%	129
Niles Utilities Department	1,496	1,233	82%	1,300
Village of Paw Paw	458	497	109%	485
City of Petoskey	1,116	688	62%	1,130
Portland Light and Power Board	372	366	98%	362
Sebewaing Light & Water Dept.	163	716	439%	223
City of St. Louis	379	241	64%	376
City of Stephenson	51	75	147%	34
City of Sturgis	1,557	1,911	123%	2,164
Traverse City Light & Power	2,157	2,797	130%	2,826
Union City	164	142	87%	176
City of Wakefield	130	61	47%	130
Wyandotte Municipal Services	1,707	1,981	116%	2,795
Zeeland Board of Public Works	4,101	5,619	137%	2,229

Actual 2013 Expenditures

Electric Municipals	Total 2013	Residential W/O Low Income	Residential W/Low Income	C&I	Low Income	Admin & Eval
Bay City Electric Light & Power	\$479,666	\$132,035	\$228,838	\$230,731	\$96,803	\$20,097
City of Charlevoix	\$78,900	\$34,323	\$39,963	\$37,844	\$5,640	\$1,093
Chelsea Electric Department	\$36,909	\$1,599	\$1,899	\$30,010	\$300	\$5,000
Village of Clinton	\$11,949	\$5,488	\$5,339	\$4,310	\$149	\$2,300
Coldwater Board of Public Utilities	\$536,000	\$112,600	\$190,200	\$244,200	\$78,400	\$101,600
Croswell Light & Power Department	\$57,029	\$6,537	\$12,052	\$40,415	\$5,515	\$4,562
Detroit Public Lighting Department	\$0	NA	NA	NA	NA	NA
City of Eaton Rapids	\$86,412	\$22,209	\$29,084	\$50,415	\$6,875	\$6,913
Escanaba Electric Department	\$211,714	\$34,239	\$38,744	\$159,002	\$4,505	\$13,968
Grand Haven Board of Light and Power	\$173,729	\$22,189	\$22,644	\$141,874	\$455	\$9,211
City of Hart Hydro Electric	\$68,214	\$7,731	\$11,926	\$50,831	\$4,195	\$5,457
Holland Board of Public Works	\$1,265,403	\$229,981	\$258,726	\$914,976	\$28,745	\$91,701
Lansing Board of Water & Light	\$3,612,207	\$902,656	\$1,141,347	\$2,090,263	\$238,691	\$380,597
Lowell Light and Power	\$92,874	\$22,441	\$23,641	\$56,304	\$1,200	\$12,929
Marquette Board of Light and Power	\$468,288	\$125,623	\$152,588	\$282,341	\$26,965	\$33,359
City of Marshall Electric Department	\$74,234	\$17,348	\$18,057	\$41,790	\$709	\$14,388
Newberry Water & Light Board	\$34,013	\$8,612	\$9,635	\$21,921	\$1,023	\$2,457
Niles Utilities Department	\$120,312	\$945	\$22,869	\$88,471	\$21,924	\$8,972
Village of Paw Paw	\$24,638	\$7,198	\$8,729	\$15,339	\$1,530	\$570
City of Petoskey	\$24,929	\$3,737	\$3,737	\$16,324	\$0	\$4,868
Portland Light and Power Board	\$60,388	\$24,200	\$27,373	\$28,184	\$3,173	\$4,831
Sebewaing Light & Water Dept.	\$79,772	\$9,439	\$13,145	\$61,361	\$3,706	\$5,266
City of St. Louis	\$66,106	\$13,626	\$19,195	\$40,961	\$57	\$5,950
City of Stephenson	\$8,055	\$2,830	\$4,490	\$2,732	\$1,660	\$833
City of Sturgis	\$230,663	\$2,805	\$16,358	\$206,252	\$13,553	\$8,053
Traverse City Light & Power	\$394,329	\$62,663	\$75,036	\$274,762	\$12,373	\$44,531
Union City	\$12,738	\$7,213	\$7,358	\$4,530	\$146	\$850
City of Wakefield	\$10,525	\$5,384	\$6,497	\$2,996	\$1,114	\$1,032
Wyandotte Municipal Services	\$205,254	\$41,397	\$53,272	\$73,678	\$11,875	\$78,304
Zeeland Board of Public Works	\$420,021	\$44,973	\$45,039	\$372,915	\$66	\$2,067

Energy Optimization Administration and Residential Surcharges for 2013			
Electric Municipals	Docket No.	Administration 2013	EO Residential Surcharge per \$/kWh or Per Meter
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
Detroit Public Lighting Department	U-17390	Independently	NA for 2013
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

Efficiency United Municipal Utilities

Note: These members are part of EU who will file for them

Village of Baraga	U-17381	Efficiency United	
City of Crystal Falls	U-17388	Efficiency United	
Daggett Electric Department	U-17389	Efficiency United	
Dowagiac Department of Public Services	U-17391	Efficiency United	
City of Gladstone Electrical Department	U-17394	Efficiency United	\$0.00246
Harbor Springs Municipal Utility	U-17396	Efficiency United	
Hillsdale Board of Public Utilities	U-17398	Efficiency United	
Village of L'Anse	U-17400	Efficiency United	
City of Negaunee Electric Department	U-17405	Efficiency United	
City of Norway Electric Department	U-17408	Efficiency United	
South Haven Department of Public Works	U-17413	Efficiency United	

