

Energy Optimization 2011 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 2011.

SECTION 1: PA 295 SECTION 97 SUBSECTIONS 1-3 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 2011 and the targets for 2012 are shown in Attachment B for the municipal utilities. The expenditures for 2011 for the Low Income, Residential and Commercial/Industrial programs can be found in Attachment C. The EO Residential surcharge for each municipal in cost per kilowatt hour 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 2011

Residential Low Income Services

All the municipal electric utilities continued to offer low income programs to their customers in 2011.

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*
- *Refrigerator/Freezer Turn-In and Recycling Program*
- *Residential Education Services*
- *Residential HVAC and Appliances*
- *Audit and Weatherization (on-line audits)*
- *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*
- *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	Prescriptive Incentive	2009	Internally	
		2	Custom Incentive	2009	Internally	
		3	Education Services	2009	Internally	
Eval		Evaluation & Verification	2009	Local Police Officer		
Coldwater Board of Public Utilities	Residential	1	Residential Low Income	2010	Internally	
		2	Efficient Lighting Program	2009	Internally	
		3	Refrigerator/Freezer Turn-In	2009	JACO	
		4	Residential Education Services	2009	Internally	
		5	Residential Appliances & HVAC	2009	Internally	
		6	Residential Multi-Family In-Unit Efficiency	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	
		5	Multi-Family Common Area	2010	Internally	
		Evaluation & Verification	2010	Vermont Energy Investment Corp		
Hillsdale Board of Public Utilities	Residential	1	Residential Low Income	2011	Community Action Agency	
		2	Efficient Lighting Program	2009	Internally	
		3	Refrigerator/Freezer Turn-In	2010	Internally	
		4	Residential Education Services	2009	Internally	
		5	Residential Appliances & HVAC	2010	Internally	
	C & I	1	Prescriptive Incentive	2009	Internally	
		2	Custom Incentive	2009	Internally	
		3	Education Services	2009	Internally	
		Eval		Evaluation & Verification	2009	KEMA, Inc.
		Lansing Board of Water & Light	Residential	1	Residential Low Income	2009
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 Multi-Family In-Unit Efficiency			2010	Franklin Energy	
7	Residential Pilot Programs			2011	Internally	
C & I	1		Prescriptive Incentive	2009	Franklin Energy	
	2		Custom Incentive	2009	Franklin Energy	
	3		Education Services	2009	Internally	
	4		Pilot Programs	2010	Internally	
	5		Multi-Family Common Area	2010	Franklin Energy	
		Evaluation & Verification	2009	KEMA		
City of Marshall	Residential	1	Residential Low Income	2009	Internally	
		2	Efficient Lighting Program	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	
		Evaluation & Verification	2010	KEMA		

INDEPENDENTLY ADMINISTERING (continued)

Utility	Sector		Program Type	Year Imp.	Implementation Contractors
Sebewaing	Residential	1	Residential Low Income	2009	Internally
		2	Efficient Lighting Program	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
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
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

WPPI COLLABORATIVE (Munis)

Utility	Sector		Program Type	Year Imp.	Implementation Contractors
WPPI Municipal Members: Baraga Crystal Falls Gladstone L'Anse Negaunee Norway	Residential & Commercial	1	Home Energy Suite	2010	WPPI / Apogee
		2	National Theatre for Children	2010	WPPI
		3	The Local Circuit	2010	WPPI
		4	eco @ home	2010	WPPI
		5	GreenMax Home Program	2010	WPPI
		6	Renewable Energy Customer Incentives	2006	WPPI
		7	Study Grants	2010	WPPI
	Residential	1	Efficient Lighting	2009	WPPI
		2	ENERGY STAR Appliances	2009	WPPI
		3	Residential Low Income	2010	Michigan Energy Options
		4	ENERGY STAR Lighting	2010	WPPI
		5	Appliance Recycling	2010	WPPI / ARCA
		6	HVAC Incentives	2010	WPPI
	C & I	1	Prescriptive Incentive	2010	WPPI
		2	Custom Incentive	2009	WPPI
		3	RFP for Energy Efficiency	2010	WPPI
		4	Shared Savings Program	2010	WPPI
		5	New Construction Design Assistance	2010	WPPI
		Eval	Evaluation & Verification		2010

MECA COLLABORATIVE					
Utility	Sector		Program Type	Year Imp.	Implementation Contractors
Escanaba Electric Department	Residential	1	Residential Low Income	2010	CLEAResult / MCAAAA / CAA
		2	Residential HVAC	2010	CLEAResult
		3	Residential Energy Star Products	2010	CLEAResult
		4	Residential Audit & Weatherization	2010	CLEAResult / Enercom
		5	Residential Appliance Recycling	2010	CLEAResult / JACO
		6	Residential Education Program	2010	CLEAResult
	C & I	1	C&I Programs	2010	CLEAResult / Franklin Energy
		2	C&I Education Programs	2010	CLEAResult
	Eval	Evaluation & Verification	2010	KEMA	

Marquette Board of Light & Power	Residential	1	Residential Low Income	2010	CLEAResult / MCAAAA / CAA
		2	Residential HVAC	2010	CLEAResult
		3	Residential Energy Star Products	2010	CLEAResult
		4	Residential Audit & Weatherization	2010	CLEAResult / Enercom
		5	Residential Appliance Recycling	2010	CLEAResult / JACO
		6	Residential Education Program	2010	CLEAResult
	C&I	3	C&I Programs	2010	CLEAResult / Franklin Energy
		5	C&I Education Programs	2010	CLEAResult
	Eval	Evaluation & Verification	2010	KEMA	

Newberry Water & Light Board	Residential	1	Residential Low Income	2010	CLEAResult / MCAAAA / CAA
		2	Residential HVAC	2010	CLEAResult
		3	Residential Energy Star Products	2010	CLEAResult
		4	Residential Audit & Weatherization	2010	CLEAResult / Enercom
		5	Residential Appliance Recycling	2010	CLEAResult / JACO
		6	Residential Education Program	2010	CLEAResult
	C&I	1	C&I Programs	2010	CLEAResult / Franklin Energy
		2	C&I Education Programs	2010	CLEAResult
	Eval	Evaluation & Verification	2010	KEMA	

City of Stephenson	Residential	1	Residential Low Income	2010	CLEAResult / MCAAAA / CAA
		2	Residential HVAC	2010	CLEAResult
		3	Residential Energy Star Products	2010	CLEAResult
		4	Residential Audit & Weatherization	2010	CLEAResult / Enercom
		5	Residential Appliance Recycling	2010	CLEAResult / JACO
		6	Residential Education Program	2010	CLEAResult
	C & I	1	C&I Programs	2010	CLEAResult / Franklin Energy
		2	C&I Education Programs	2010	CLEAResult
	Eval	Evaluation & Verification	2010	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	Franklin Energy
		3	Refrigerator/Freezer Turn-In	2009	Franklin Energy
		4	Residential Education Services	2009	Internally
		5	Residential Appliances & HVAC	2010	Franklin Energy
		6	Electric Water Heater Saving Kits	2010	Internally
		7	Residential Pilot Programs	2010	Internally
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Education Services	2009	Internally
		4	Pilot Programs	2010	Internally
	Eval	Evaluation & Verification	2009	KEMA	
City of Charlevoix	Residential	1	Residential Low Income	2009	MCAAAA
		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	Education Services	2009	Internally
		Eval	Evaluation & Verification	2009	KEMA

MPPA Collaborative (continued)					
Utility	Sector		Program Type	Year Imp.	Implementation Contractors
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 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	Education Services	2009	Internally
		4	Pilot Programs	2010	Internally
Eval		Evaluation & Verification	2009	KEMA	
Croswell Light & Power	Residential	1	Residential Low Income	2009	Internally
		2	Efficient Lighting	2009	Franklin Energy
		3	Refrigerator/Freezer Turn-In & Recycling	2009	Franklin Energy
		4	Efficient Appliances & HVAC	2009	Franklin Energy
		5	Educational Services	2009	Internally
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Education Services	2009	Internally
	Eval		Evaluation & Verification	2009	KEMA
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
Dowagiac Department of Public Services	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	Education Services	2009	Internally
	Eval		Evaluation & Verification	2009	KEMA
City of Eaton Rapids	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	Internally
		6	Electric Water Heater Saving Kits	2010	Internal
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Education Services	2009	Internally
		4	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 Appliances & HVAC	2010	Franklin Energy
		6	Residential Multi-Family In-Unit Efficiency	2010	Franklin Energy
		7	Residential Pilot Programs	2010	Internally
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Education Services	2009	Internally
		4	Pilot Programs	2010	Internally
Eval		Evaluation & Verification	2009	KEMA	

MPPA Collaborative (continued)					
Utility	Sector		Program Type	Year Imp.	Implementation Contractors
Harbor Springs Municipal Utility	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	2010	Franklin Energy
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Education Services	2009	Internally
Eval		Evaluation & Verification	2009	KEMA	
City of Hart Hydro Electric	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	2010	Franklin Energy
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	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	Franklin Energy, Internal Personnel
		3	Refrigerator/Freezer Turn-In	2009	Franklin Energy
		4	Residential Education Services	2009	Internally
		5	Residential Appliances & HVAC	2009	Franklin Energy
		6	Residential Multi-Family In-Unit Efficiency	2009	Franklin Energy
		7	Residential Pilot Programs	2009	Internally
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Education Services	2009	Internally
Eval		Evaluation & Verification	2009	KEMA	
Lowell Light and Power	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 Multi-Family In-Unit Efficiency	2010	Franklin Energy
		7	Residential Pilot Programs	2009	Internally
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Education Services	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	Education Services	2009	Internally
Eval		Evaluation & Verification	2009	KEMA	
Village of Paw Paw	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	Education Services	2009	Internally
Eval		Evaluation & Verification	2009	KEMA	

MPPA Collaborative (continued)					
Utility	Sector		Program Type	Year Imp.	Implementation Contractors
City of Petoskey	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
		6	Pilot Programs	2010	Internally
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Education Services	2009	Internally
		4	Pilot Programs	2010	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
		6	Pilot Programs	2010	Internally
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Education Services	2009	Internally
		Eval		Evaluation & Verification	2009
South Haven Department of Public Works	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
		6	Residential Pilot Programs	2010	Internally
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Education Services	2009	Internally
		4	Pilot Programs	2010	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	Education Services	2009	Internally
		4	Pilot Programs	2010	Internally
Eval		Evaluation & Verification	2009	KEMA	
City of Sturgis	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
		6	Pilot Programs	2010	Internally
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Education Services	2009	Internally
		Eval		Evaluation & Verification	2009
Traverse City Light and Power	Residential	1	Residential Low Income	2009	Internally, MCAAA, DHS, TCHC
		2	Efficient Lighting Program	2009	Internally
		3	Refrigerator/Freezer Turn-In	2009	JACO
		4	Residential Education Services	2009	Internally
		5	Residential Appliances & HVAC	2009	Internally, Franklin Energy
		6	Residential Pilot Programs	2009	Internally
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Education Services	2009	Internally
		4	Pilot Programs	2009	Internally
Eval		Evaluation & Verification	2009	KEMA	

MPPA Collaborative (continued)					
Utility	Sector		Program Type	Year Imp.	Implementation Contractors
Wyandotte Municipal Services	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
	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Education Services	2009	Internal
Eval		Evaluation & Verification	2009	KEMA	
Zeeland Board of Public Works	Residential	1	Residential Low Income	2009	Michigan Community Action Agency
		2	Efficient Lighting Program	2009	Internally
		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	Education Services	2009	Internally
		4	Pilot Programs	2009	Internally
	Eval		Evaluation & Verification	2010	KEMA

ENERGY OPTIMIZATION MWH TARGETS				
Electric Municipals	0.75%			1.00%
	2011 Target	2011 Actual	% Achieved	2012 Target
Village of Baraga	226	185	82%	188
Bay City Electric Light & Power	1,937	2,317	120%	2,860
City of Charlevoix	678	423	62%	603
Chelsea Electric Department	696	1,221	175%	366
Village of Clinton	161	164	102%	213
Coldwater Board of Public Utilities	2,342	1,409	60%	2,729
Croswell Light & Power Department	188	180	96%	357
City of Crystal Falls	88	92	105%	164
Daggett Electric Department	<i>Data to be provided by Efficiency United</i>			
Detroit Public Lighting Department	2,986	2,286	77%	865
Dowagiac Department of Public Services	543	766	141%	417
City of Eaton Rapids	449	470	105%	455
Escanaba Electric Department	1,104	1,072	97%	1,428
City of Gladstone Electrical Department	308	136	44%	328
Grand Haven Board of Light and Power	1,878	2,211	118%	2,223
Harbor Springs Municipal Utility	290	248	86%	358
City of Hart Hydro Electric	299	140	47%	394
Hillsdale Board of Public Utilities	536	643	120%	1,294
Holland Board of Public Works	6,477	7,762	120%	9,356
Village of L'Anse	162	600	370%	137
Lansing Board of Water & Light	15,877	17,587	111%	19,870
Lowell Light and Power	432	578	134%	483
Marquette Board of Light and Power	2,435	1,827	75%	3,098
City of Marshall Electric Department	605	1,129	187%	537
City of Negaunee Electric Department	199	116	58%	217
Newberry Water & Light Board	144	155	108%	192
Niles Utilities Department	1,122	1,052	94%	1,287
City of Norway Electric Department	317	313	99%	300
Village of Paw Paw	373	177	47%	480
City of Petoskey	809	477	59%	1,080
Portland Light and Power Board	240	155	65%	362
Sebewaing Light & Water Dept.	203	305	150%	311
South Haven Department of Public Works	1,135	909	80%	1,312
City of St. Louis	294	275	94%	378
City of Stephenson	45	47	105%	60
City of Sturgis	1,937	1,792	93%	2,215
Traverse City Light & Power	1,704	2,650	156%	2,543
Union City	118	129	109%	139
City of Wakefield	44	49	111%	52
Wyandotte Municipal Services	1,515	1,803	119%	2,495
Zeeland Board of Public Works	1,472	1,884	128%	2,601
MMEA Totals	52,367	55,734	108%	64,747

ENERGY OPTIMIZATION PROGRAM SPENDING					
Electric Municipals	Total 2011	Residential W/O Low Income	Residential W/Low Income	C&I	Low Income
Village of Baraga	\$25,430	\$1,435	\$7,942	\$16,623	\$6,507
Bay City Electric Light & Power	\$412,695	\$167,155	\$248,410	\$137,479	\$81,255
City of Charlevoix	\$63,637	\$20,457	\$20,585	\$37,168	\$128
Chelsea Electric Department	\$77,272	\$17,925	\$17,925	\$55,008	\$0
Village of Clinton	\$7,529	\$4,150	\$4,450	\$1,429	\$300
Coldwater Board of Public Utilities	\$183,239	\$18,208	\$42,268	\$101,948	\$24,060
Croswell Light & Power Department	\$33,542	\$7,712	\$11,160	\$19,446	\$3,448
City of Crystal Falls	\$38,108	\$6,520	\$18,347	\$18,520	\$11,827
Daggett Electric Department	<i>Annual Report data to be provided by Efficiency United</i>				
Detroit Public Lighting Department	\$365,253	\$48	\$124	\$193,286	\$76
Dowagiac Department of Public Services	\$99,130	\$15,635	\$30,642	\$63,569	\$15,007
City of Eaton Rapids	\$49,215	\$15,104	\$16,709	\$29,563	\$1,605
Escanaba Electric Department	\$178,868	\$27,545	\$34,453	\$105,390	\$6,908
City of Gladstone Electrical Department	\$30,914	\$8,850	\$8,995	\$19,461	\$145
Grand Haven Board of Light and Power	\$271,567	\$100,681	\$102,772	\$158,725	\$2,091
Harbor Springs Municipal Utility	\$39,419	\$18,951	\$20,044	\$16,662	\$1,093
City of Hart Hydro Electric	\$29,386	\$7,672	\$8,496	\$18,449	\$824
Hillsdale Board of Public Utilities	\$105,429	\$7,065	\$25,115	\$67,789	\$18,050
Holland Board of Public Works	\$917,544	\$263,761	\$283,583	\$546,585	\$19,822
Village of L'Anse	\$37,441	\$3,730	\$4,795	\$31,399	\$1,065
Lansing Board of Water & Light	\$2,643,804	\$784,785	\$902,310	\$1,525,635	\$117,525
Lowell Light and Power	\$61,673	\$18,857	\$20,703	\$30,161	\$1,846
Marquette Board of Light and Power	\$246,137	\$46,538	\$59,658	\$162,312	\$13,120
City of Marshall Electric Department	\$56,342	\$16,068	\$16,550	\$28,272	\$482
City of Negaunee Electric Department	\$28,164	\$11,214	\$14,975	\$11,316	\$3,761
Newberry Water & Light Board	\$19,895	\$6,402	\$7,654	\$10,163	\$1,252
Niles Utilities Department	\$143,896	\$62,935	\$65,107	\$69,019	\$2,172
City of Norway Electric Department	\$55,628	\$10,088	\$14,243	\$39,746	\$4,155
Village of Paw Paw	\$31,103	\$9,957	\$10,619	\$17,945	\$662
City of Petoskey	\$70,423	\$22,104	\$22,693	\$42,771	\$589
Portland Light and Power Board	\$38,393	\$17,942	\$18,377	\$12,411	\$435
Sebewaing Light & Water Dept.	\$49,118	\$10,667	\$16,739	\$27,699	\$6,072
South Haven Department of Public Works	\$135,693	\$43,537	\$46,512	\$76,249	\$2,975
City of St. Louis	\$39,846	\$11,499	\$16,174	\$20,712	\$4,675
City of Stephenson	\$6,813	\$2,623	\$2,970	\$3,196	\$347
City of Sturgis	\$214,573	\$45,195	\$47,024	\$158,433	\$1,829
Traverse City Light & Power	\$546,012	\$149,209	\$151,507	\$316,512	\$2,298
Union City	\$7,781	\$2,002	\$2,260	\$4,671	\$258
City of Wakefield	\$6,645	\$2,948	\$4,961	\$884	\$2,013
Wyandotte Municipal Services	\$248,428	\$111,606	\$121,866	\$115,980	\$10,260
Zeeland Board of Public Works	\$269,270	\$53,539	\$54,475	\$194,522	\$936
MMEA Totals	\$7,885,255	\$2,152,319	\$2,524,192	\$4,507,108	\$371,873

Energy Optimization Administration and Residential Surcharges for 2011			
Electric Municipals	Case Number	Administration 2011	EO Residential Surcharge per \$/kWh
Village of Baraga	U-15848	WPPI	\$0.00140
Bay City Electric Light & Power	U-15849	MPPA	\$0.00083
City of Charlevoix	U-15850	MPPA	\$0.00115
Chelsea Electric Department	U-15851	MPPA	\$0.00100
Village of Clinton	U-15852	Independently	\$0.0000
Coldwater Board of Public Utilities	U-15853	Independently	\$0.00252
Croswell Light & Power Department	U-15854	MPPA	\$0.00169
City of Crystal Falls	U-15855	WPPI	\$0.00146
Daggett Electric Department	U-15856	Efficiency United	
Detroit Public Lighting Department	U-15857	MPPA	\$0.00150
Dowagiac Department of Public Services	U-15858	MPPA	\$0.00100
City of Eaton Rapids	U-15859	MPPA	\$0.00080
Escanaba Electric Department	U-15860	MECA	\$0.00155
City of Gladstone Electrical Department	U-15861	WPPI	\$0.00160
Grand Haven Board of Light and Power	U-15862	MPPA	\$0.00138
Harbor Springs Municipal Utility	U-15863	MPPA	\$0.00124
City of Hart Hydro Electric	U-15864	MPPA	\$0.00130
Hillsdale Board of Public Utilities	U-15865	Independently	\$0.00164
Holland Board of Public Works	U-15866	MPPA	\$0.00148
Village of L'Anse	U-15867	WPPI	\$0.00160
Lansing Board of Water & Light	U-15868	Independently	\$0.00185
Lowell Light and Power	U-15869	MPPA	\$0.00163
Marquette Board of Light and Power	U-15870	MECA	\$0.00109
City of Marshall Electric Department	U-15871	Independently	\$0.00000
City of Negaunee Electric Department	U-15872	WPPI	\$0.00164
Newberry Water & Light Board	U-15873	MECA	\$0.00138
Niles Utilities Department	U-15874	MPPA	\$0.00000
City of Norway Electric Department	U-15875	WPPI	\$0.00164
Village of Paw Paw	U-15876	MPPA	\$0.00120
City of Petoskey	U-15877	MPPA	\$0.00182
Portland Light and Power Board	U-15878	MPPA	\$0.00132
Sebewaing Light & Water Dept.	U-15879	Independently	\$0.00174
South Haven Department of Public Works	U-15880	MPPA	\$0.00079
City of St. Louis	U-15881	MPPA	\$0.00114
City of Stephenson	U-15882	MECA	\$0.00128
City of Sturgis	U-15883	MPPA	\$0.00112
Traverse City Light & Power	U-15884	MPPA	\$0.00000
Union City	U-15885	Independently	\$0.00090
City of Wakefield	U-15886	Independently	\$0.00122
Wyandotte Municipal Services	U-15887	MPPA	\$0.00148
Zeeland Board of Public Works	U-15888	MPPA	\$0.90 per meter