Energy Optimization 2012 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 2012.

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 2012 and the targets for 2013 are shown in Attachment B for the municipal utilities. The expenditures for 2012 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 (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 2012

Residential Low Income Services

All the municipal electric utilities continued to offer low income programs to their customers in 2012.

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 | | | |
| | | 1 | Residential Low Income | 2009 | Internally | | | |
| | Residential | 2 | Efficient Lighting Program | 2009 | Internally | | | |
| Village of | | 3 | Residential Education Services Residential Appliances & HVAC | 2009 | Internally Internally | | | |
| Clinton | | 1 | Business Services | 2009 | Internally | | | |
| | C & I | 2 | Education Services | 2009 | Internally | | | |
| | | Eval | Evaluation & Verification | 2009 | Local Police Officer | | | |
| | | 1 1 | Residential Low Income | 2009 | Internally | | | |
| | | 2 | Efficient Lighting Program | 2009 | Efficiency Smart | | | |
| | Residential | 3 | Appliance Recycling | 2009 | JACO | | | |
| | Residentiai | 4 | Residential Education Services | 2009 | Internally | | | |
| Coldwater | | 5 | Residential Appliances & HVAC | 2009 | Efficiency Smart | | | |
| Board of Public Utilities | | 7 | Residential Pilot Programs Prescriptive Incentive | 2009 | Efficiency Smart Efficiency Smart | | | |
| i done offices | | 2 | Custom Incentive | 2009 | Efficiency Smart | | | |
| | C & I | 3 | Education Services | 2009 | Internally | | | |
| | | 4 | Pilot Programs | 2009 | Efficiency Smart | | | |
| | | Eval | Evaluation & Verification | 2010 | Integral Analytics | | | |
| | | 1 | Residential Low Income | 2010 | Walker Miller Energy Services | | | |
| | Residential | 2 | Efficient Lighting | 2010 | Walker Miller Energy Services | | | |
| Detroit Public | | 3 | Educational Services | 2010 | Internal / Walker Miller Energy Services | | | |
| Lighting Dept. | C & I | 1 | Prescriptive Incentive | 2010 | Walker Miller Energy Services | | | |
| Lighting Dept. | | 2 | Custom Incentive | 2010 | Walker Miller Energy Services | | | |
| | | 3 Eval | Education Services Evaluation & Verification | 2010 | Walker Miller Energy Services KEMA | | | |
| | | <u> </u> Lvai | Evaluation & verification | 2010 | TALIVITY (| | | |
| | | | | | | | | |
| | | • | | _ | 1 | | | |
| | | 1 | Residential Low Income | 2009 | CACS & MEO | | | |
| | | 2 | Efficient Lighting Program | 2009 | MEO/WECC | | | |
| | Residential | 3 | Efficient Lighting Program Refrigerator/Freezer Turn-In | | MEO/WECC MEO/WECC | | | |
| | Residential | 2 | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Multi-Family In-Unit Efficiency | 2009 2009 2010 2010 | MEO/WECC | | | |
| Lansing Board | Residential | 2 3 4 5 6 | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Multi-Family In-Unit Efficiency Residential Education Services | 2009 2009 2010 2010 2009 | MEO/WECC MEO/WECC MEO/WECC MEO/WECC Internally | | | |
| of Water & | Residential | 2 3 4 5 6 7 | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Multi-Family In-Unit Efficiency Residential Education Services Residential Pilot Programs | 2009 2009 2010 2010 2009 2011 | MEO/WECC MEO/WECC MEO/WECC MEO/WECC Internally Internally | | | |
| | Residential | 2 3 4 5 6 7 | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Multi-Family In-Unit Efficiency Residential Education Services Residential Pilot Programs Prescriptive Incentive | 2009 2009 2010 2010 2009 2011 2009 | MEO/WECC MEO/WECC MEO/WECC Internally Internally Franklin Energy | | | |
| of Water & | | 2 3 4 5 6 7 1 2 | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Multi-Family In-Unit Efficiency Residential Education Services Residential Pilot Programs Prescriptive Incentive Custom Incentive | 2009 2010 2010 2010 2009 2011 2009 2009 | MEO/WECC MEO/WECC MEO/WECC Internally Internally Franklin Energy Franklin Energy | | | |
| of Water & | Residential | 2 3 4 5 6 7 | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Multi-Family In-Unit Efficiency Residential Education Services Residential Pilot Programs Prescriptive Incentive | 2009 2009 2010 2010 2010 2009 2011 2009 2009 | MEO/WECC MEO/WECC MEO/WECC Internally Internally Franklin Energy | | | |
| of Water & | | 2 3 4 5 6 7 1 2 3 4 5 | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Multi-Family In-Unit Efficiency Residential Education Services Residential Pilot Programs Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Pilot Programs | 2009 2009 2010 2010 2010 2009 2011 2009 2009 | MEO/WECC MEO/WECC MEO/WECC MEO/WECC Internally Internally Franklin Energy Franklin Energy Internally Internally Internally Internally Internally | | | |
| of Water & | | 2 3 4 5 6 7 1 2 3 4 | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Multi-Family In-Unit Efficiency Residential Education Services Residential Pilot Programs Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services | 2009 2009 2010 2010 2010 2009 2011 2009 2009 | MEO/WECC MEO/WECC MEO/WECC MEO/WECC Internally Internally Franklin Energy Franklin Energy Internally Franklin Energy | | | |
| of Water & | | 2 3 4 5 6 7 1 2 3 4 5 Eval | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Multi-Family In-Unit Efficiency Residential Education Services Residential Pilot Programs Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Pilot Programs Evaluation & Verification | 2009 2009 2010 2010 2010 2011 2009 2011 2009 2011 2009 2010 2009 | MEO/WECC MEO/WECC MEO/WECC MEO/WECC Internally Internally Franklin Energy Franklin Energy Franklin Energy Internally Internally Internally Internally | | | |
| of Water & | | 2 3 4 5 6 7 1 2 3 4 5 | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Multi-Family In-Unit Efficiency Residential Education Services Residential Pilot Programs Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Pilot Programs | 2009 2009 2010 2010 2010 2009 2011 2009 2009 | MEO/WECC MEO/WECC MEO/WECC MEO/WECC Internally Internally Franklin Energy Franklin Energy Internally Internally Internally Internally Internally | | | |
| of Water & Light | C & I | 2 3 4 5 6 7 1 2 3 4 5 Eval | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Multi-Family In-Unit Efficiency Residential Education Services Residential Pilot Programs Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Pilot Programs Evaluation & Verification | 2009 2009 2010 2010 2010 2011 2009 2011 2009 2011 2009 2010 2009 | MEO/WECC MEO/WECC MEO/WECC MEO/WECC Internally Internally Franklin Energy Franklin Energy Franklin Energy Internally Internally Internally Internally Internally Internally | | | |
| of Water & | C & I | 2 3 4 5 6 7 1 2 3 4 5 Eval | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Multi-Family In-Unit Efficiency Residential Education Services Residential Pilot Programs Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Pilot Programs Evaluation & Verification Residential Low Income Residential Services Residential Education Services Prescriptive Incentive | 2009 2009 2010 2010 2010 2010 2009 2011 2009 2011 2009 2010 2009 2009 2009 2009 2009 2009 | MEO/WECC MEO/WECC MEO/WECC MEO/WECC Internally Internally Internally Franklin Energy Franklin Energy Internally | | | |
| of Water & Light | C & I | 2 3 4 5 6 7 1 2 3 4 5 Eval | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Multi-Family In-Unit Efficiency Residential Education Services Residential Pilot Programs Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Pilot Programs Evaluation & Verification Residential Low Income Residential Services Residential Education Services Prescriptive Incentive Custom Incentive Custom Incentive | 2009 2009 2010 2010 2010 2010 2011 2009 2011 2009 2010 2009 2009 2009 2009 2009 2009 2009 | MEO/WECC MEO/WECC MEO/WECC MEO/WECC Internally Internally Franklin Energy Franklin Energy Internally | | | |
| of Water & Light | C & I Residential | 2 3 4 5 6 7 1 2 3 4 5 Eval | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Multi-Family In-Unit Efficiency Residential Education Services Residential Pilot Programs Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Pilot Programs Evaluation & Verification Residential Low Income Residential Services Residential Education Services Prescriptive Incentive Custom Incentive Education Services | 2009 2009 2010 2010 2010 2010 2011 2009 2011 2009 2010 2009 2009 2009 2009 2009 2009 2009 2009 | MEO/WECC MEO/WECC MEO/WECC MEO/WECC Internally Internally Internally Franklin Energy Franklin Energy Internally | | | |
| of Water & Light | C & I Residential | 2 3 4 5 6 7 1 2 3 4 5 Eval | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Multi-Family In-Unit Efficiency Residential Education Services Residential Pilot Programs Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Pilot Programs Evaluation & Verification Residential Low Income Residential Services Residential Education Services Prescriptive Incentive Custom Incentive Custom Incentive | 2009 2009 2010 2010 2010 2010 2011 2009 2011 2009 2010 2009 2009 2009 2009 2009 2009 2009 | MEO/WECC MEO/WECC MEO/WECC MEO/WECC Internally Internally Franklin Energy Franklin Energy Internally | | | |
| of Water & Light | C & I Residential | 2 3 4 5 6 7 1 2 3 4 5 Eval | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Multi-Family In-Unit Efficiency Residential Education Services Residential Pilot Programs Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Pilot Programs Evaluation & Verification Residential Low Income Residential Services Residential Education Services Prescriptive Incentive Custom Incentive Education Services Education Services Evaluation & Verification | 2009 2009 2010 2010 2010 2010 2011 2009 2011 2009 2010 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2009 2010 2009 2010 | MEO/WECC MEO/WECC MEO/WECC MEO/WECC Internally Internally Franklin Energy Franklin Energy Internally | | | |
| of Water & Light | C & I Residential C & I | 2 3 4 5 6 7 1 2 3 4 5 Eval 1 2 3 1 2 3 Eval | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Multi-Family In-Unit Efficiency Residential Education Services Residential Pilot Programs Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Pilot Programs Evaluation & Verification Residential Low Income Residential Services Residential Education Services Prescriptive Incentive Custom Incentive Custom Incentive Education Services Evaluation & Verification Residential Low Income Residential Education Services Prescriptive Incentive Custom Incentive Education Services Evaluation & Verification Residential Low Income Residential Low Income Residential Services | 2009 2009 2010 2010 2010 2010 2011 2009 2011 2009 2010 2009 | MEO/WECC MEO/WECC MEO/WECC MEO/WECC Internally Internally Franklin Energy Franklin Energy Internally | | | |
| of Water & Light | C & I Residential | 2 3 4 5 6 7 1 2 3 4 5 Eval 1 2 3 1 2 3 Eval | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Multi-Family In-Unit Efficiency Residential Education Services Residential Pilot Programs Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Pilot Programs Evaluation & Verification Residential Low Income Residential Services Residential Education Services Prescriptive Incentive Custom Incentive Custom Incentive Custom Incentive Education Services Evaluation & Verification Residential Low Income Residential Education Services Evaluation Services Evaluation & Verification | 2009 2009 2010 2010 2010 2011 2009 2011 2009 2010 2009 2009 | MEO/WECC MEO/WECC MEO/WECC MEO/WECC Internally Internally Franklin Energy Franklin Energy Franklin Energy Internally | | | |
| of Water & Light City of Marshall | C & I Residential C & I | 2 3 4 5 6 7 1 2 3 4 5 Eval 1 2 3 5 Eval 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 4 1 2 3 4 4 4 4 4 4 1 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Education Services Residential Education Services Residential Pilot Programs Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Pilot Programs Evaluation & Verification Residential Low Income Residential Services Prescriptive Incentive Custom Incentive Residential Education Services Prescriptive Incentive Custom Incentive Education Services Evaluation & Verification Residential Education Services Prescriptive Incentive Custom Incentive Education Services Evaluation & Verification Residential Low Income Residential Education Services Residential Education Services Residential Education Services Residential Education Services | 2009 2009 2010 2010 2010 2010 2011 2009 2009 | MEO/WECC MEO/WECC MEO/WECC MEO/WECC Internally Internally Internally Franklin Energy Franklin Energy Internally | | | |
| of Water & Light | C & I Residential C & I | 2 3 4 5 6 7 1 2 3 4 5 Eval 1 2 3 1 2 3 Eval | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Multi-Family In-Unit Efficiency Residential Education Services Residential Pilot Programs Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Pilot Programs Evaluation & Verification Residential Low Income Residential Services Residential Education Services Prescriptive Incentive Custom Incentive Custom Incentive Custom Incentive Education Services Evaluation & Verification Residential Low Income Residential Education Services Evaluation Services Evaluation & Verification | 2009 2009 2010 2010 2010 2011 2009 2011 2009 2010 2009 2009 | MEO/WECC MEO/WECC MEO/WECC Internally Internally Internally Franklin Energy Franklin Energy Internally | | | |
| of Water & Light City of Marshall | C & I Residential C & I | 2 3 4 5 6 7 1 2 3 4 5 Eval 1 2 3 Eval 1 2 3 Eval 2 3 4 5 5 6 7 7 7 7 7 7 7 7 8 8 8 8 8 9 8 9 8 9 8 9 | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Education Services Residential Education Services Residential Pilot Programs Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Pilot Programs Evaluation & Verification Residential Low Income Residential Services Residential Education Services Prescriptive Incentive Custom Incentive Education Services Residential Education Services Prescriptive Incentive Custom Incentive Education Services Evaluation & Verification Residential Low Income Residential Education Services Residential Education Services Residential Education Services Residential Services Residential Education Services Residential Education Services Residential Education Services Residential Pilot Residential Appliances & HVAC | 2009 2009 2010 2010 2010 2010 2011 2009 2011 2009 2010 2009 2009 2009 2009 2009 2009 2009 2009 2009 2010 2009 2010 | MEO/WECC MEO/WECC MEO/WECC MEO/WECC Internally Internally Internally Franklin Energy Franklin Energy Internally | | | |
| of Water & Light City of Marshall | C & I Residential C & I | 2 3 4 5 6 7 1 2 3 4 5 Eval 1 2 3 Eval 2 3 Eval 2 3 4 5 5 Eval 2 3 5 6 7 7 1 2 3 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Multi-Family In-Unit Efficiency Residential Education Services Residential Pilot Programs Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Pilot Programs Evaluation & Verification Residential Low Income Residential Services Prescriptive Incentive Custom Incentive Education Services Evaluation & Verification Residential Education Services Prescriptive Incentive Education Services Evaluation & Verification Residential Low Income Residential Education Services Evaluation & Verification Residential Education Services Residential Education Services Residential Education Services Residential Fulcome Residential Pilot Residential Appliances & HVAC Prescriptive Incentive Custom Incentive Education Services | 2009 2009 2010 2010 2010 2010 2011 2009 2011 2009 2011 2009 2010 2009 2009 | MEO/WECC MEO/WECC MEO/WECC MEO/WECC Internally Internally Internally Franklin Energy Franklin Energy Internally | | | |
| of Water & Light City of Marshall | C & I Residential C & I | 2 3 4 5 6 7 1 2 3 4 5 Eval 1 2 3 Eval 2 3 4 5 Eval 2 3 4 5 5 5 6 7 7 7 7 7 8 8 8 8 8 8 8 9 8 9 8 9 8 9 8 | Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Appliances & HVAC Residential Multi-Family In-Unit Efficiency Residential Education Services Residential Pilot Programs Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Pilot Programs Evaluation & Verification Residential Low Income Residential Services Prescriptive Incentive Custom Incentive Education Services Prescriptive Incentive Education Services Evaluation & Verification Residential Education Services Prescriptive Incentive Education Services Evaluation & Verification Residential Low Income Residential Education Services Residential Filot Residential Forvices Residential Pilot Residential Appliances & HVAC Prescriptive Incentive Custom Incentive | 2009 2009 2010 2010 2010 2010 2011 2009 2011 2009 2011 2009 2010 2009 2009 | MEO/WECC MEO/WECC MEO/WECC MEO/WECC Internally Internally Internally Franklin Energy Franklin Energy Internally | | | |

| 1 | | | INDEPENDENTLY ADMINISTERING (C | ontinue | a) | |
|-----------------------|-------------|-----------|--|--------------|--|--|
| Utility Sector | | | Program Type | | Implementation Contractors | |
| | | 1 4 | Desidential Levy Income | 2000 | Internally | |
| | Residential | 1 2 | Residential Low Income Efficient Lighting Program | 2009 2009 | Internally | |
| Union City | residential | 3 | Residential Education Services | 2009 | Internally | |
| Electric | | 1 | Prescriptive Incentive Program | 2009 | Internally | |
| Department | C&I | 2 | Education Services | 2009 | Internally | |
| | | Eval | Evaluation & Verification | 2009 | KEMA INC. | |
| | | 1 | Residential Low Income | 2010 | Internally | |
| | Residential | 2 | Efficient Lighting Program | 2010 | Internally | |
| | Residential | 3 | Residential Education Services | 2010 | Internally | |
| City of | | 4 | Electric Water Heater Saving Kits | 2010 | Internally | |
| Wakefield | | 1 | Prescriptive Incentive | 2010 | Internally | |
| | C & I | 3 | Custom Incentive | 2010 | Internally | |
| | | Eval | Education Services Evaluation & Verification | 2010 | Internally None due to budget constraints | |
| · | | Lvai | L Variation a Vollination | | Trong due to budget constrainte | |
| | | | MECA COLLABORATIVE | | | |
| | | 1 | Residential Low Income | 2010 | WECC | |
| | | 2 | Energy Star Products | 2010 | WECC | |
| | . | 3 | Appliance Recycling | 2010 | WECC | |
| Faar :- ! | Residential | 4 | Efficient HVAC Audit & Weatherization / New Construction | 2010 | WECC | |
| Escanaba Electric | | 5 6 | Education Services | 2010 2010 | WECC WECC | |
| Department | | 7 | Pilot Programs | 2010 | WECC | |
| Department | | 1 | General Business Services | 2010 | WECC | |
| | | 2 | Education Services | 2010 | WECC | |
| | C & I | 3 | Pilot Programs | 2010 | WECC | |
| | | Eval | Evaluation & Verification | 2009 | KEMA | |
| | | 1 1 | Residential Low Income | 2010 | WECC | |
| | Residential | 2 | Energy Star Products | 2010 | WECC | |
| | | 3 | Appliance Recycling | 2010 | WECC | |
| | | 4 | Efficient HVAC | 2010 | WECC | |
| Marquette | | 5 | Audit & Weatherization / New Construction | 2010 | WECC | |
| Board of Light | | 6 | Education Services | 2010 | WECC | |
| & Power | | 7 | Pilot Programs | 2010 | WECC | |
| | | 1 | General Business Services | 2010 | WECC | |
| | C&I | 2 | Education Services | 2010 | WECC WECC | |
| | | 3 Eval | Pilot Programs Evaluation & Verification | 2010 | KEMA | |
| | | | | | rsa.rr.s | |
| | | 1 | Residential Low Income | 2010 | WECC | |
| | | 2 | Energy Star Products | 2010 | WECC | |
| | | 3 | Appliance Recycling | 2010 | WECC | |
| | Residential | 4 | Efficient HVAC Audit & Weatherization / New Construction | 2010 | WECC | |
| Newberry | | 5 6 | Farm Services | 2010 2012 | WECC WECC | |
| Vater & Light | | 7 | Education Services | 2012 | WECC | |
| Board | | 8 | Pilot Programs | 2010 | WECC | |
| F | | 1 | General Business Services | 2010 | WECC | |
| | Col | 2 | Education Services | 2010 | WECC | |
| | C&I | 3 | Pilot Programs | 2010 | WECC | |
| | | Eval | Evaluation & Verification | 2009 | KEMA | |
| I | | 1 | Residential Low Income | 2010 | WECC | |
| | | 2 | Energy Star Products | 2010 | WECC | |
| | | 3 | Appliance Recycling | 2010 | WECC | |
| | Residential | 4 | Efficient HVAC | 2010 | WECC | |
| | | 5 | Audit & Weatherization / New Construction | 2010 | WECC | |
| City of | | 6 | Education Services | 2010 | WECC | |
| City of Stephenson | | | IDU-t December | 2010 | WECC | |
| City of Stephenson | | 7 | Pilot Programs | | | |
| | | 1 | General Business Services | 2010 | WECC | |
| | C & I | | | | | |

| | | | MPPA Collaborative | | |
|----------------|-------------|-----------|--|--------------|---------------------------------|
| Utility | Sector | | Program Type | Year Imp. | Implementation Contractors |
| | | 1 | Residential Low Income | 2009 | Internally |
| | | 2 | Efficient Lighting Program | 2009 | Franklin Energy |
| | | 3 | Refrigerator/Freezer Turn-In | 2009 | Franklin Energy |
| | Residential | 4 | Residential Education Services | 2009 | Internally |
| | | 5 | Residential Appliances & HVAC | 2010 | Franklin Energy |
| Bay City | | 6 | Residential Home Energy Programs | 2010 | Internally |
| Electric Light | | 7 | Electric Water Heater Saving Kits | 2010 | Internally |
| & Power | | 8 | Residential Pilot Programs | 2010 | Internally |
| | | 2 | Prescriptive Incentive Custom Incentive | 2009 2009 | Franklin Energy |
| | | 3 | Small Business Direct Install | 2009 | Franklin Energy Franklin Energy |
| | C & I | 4 | Education Services | 2009 | Internally |
| | | 5 | Pilot Programs | 2010 | Internally |
| | | Eval | Evaluation & Verification | 2009 | KEMA |
| | | Lvai | Evaluation & verification | 2000 | IXE W/X |
| | | 1 | Residential Low Income | 2009 | MCAAA |
| | | 2 | Efficient Lighting Program | 2009 | Franklin Energy |
| | Residential | 3 | Refrigerator/Freezer Turn-In | 2009 | Franklin Energy |
| | | 4 | Residential Education Services | 2009 | Internally |
| City of | | 5 | Residential Appliances & HVAC | 2010 | Franklin Energy |
| Charlevoix | | 1 | Prescriptive Incentive | 2009 | Franklin Energy |
| | 0.01 | 2 | Custom Incentive | 2009 | Franklin Energy |
| | C & I | 3 | Small Business Direct Install | 2011 | Franklin Energy |
| | | 4 Eval | Education Services | 2009 | Internally KEMA |
| | | Evai | Evaluation & Verification | 2009 | REMA |
| | | 1 | Residential Low Income | 2009 | Internally |
| | Residential | 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 |
| Chelsea | | 6 | Residential Appliances & HVAC | 2010 | Franklin Energy |
| Electric | | 7 | Residential Pilot Programs | 2010 | Internally |
| Department | | 1 | Prescriptive Incentive | 2009 | Franklin Energy |
| | | 2 | Custom Incentive | 2009 | Franklin Energy |
| | C & I | 3 | Small Business Direct Install | 2011 | Franklin Energy |
| | | 4 | Education Services Pilot Programs | 2009 | Internally |
| | | 5 Eval | Evaluation & Verification | 2010 | Internally KEMA |
| L | | | Evaluation & verification | 2009 | REIMA |
| | | 1 | Residential Low Income | 2009 | Internally |
| | | 2 | Efficient Lighting | 2009 | Internally |
| | Pooldontia! | 3 | Refrigerator/Freezer Turn-In & Recycling | 2009 | Franklin Energy |
| | Residential | 4 | Efficient Appliances & HVAC | 2009 | Franklin Energy |
| Croswell Light | | 5 | Residential Pilot Programs | 2009 | Internally |
| & Power | | 6 | Educational Services | 2009 | Internally |
| □ 1 0₩GI | | 1 | Prescriptive Incentive | 2009 | Franklin Energy |
| | 0.0. | 2 | Custom Incentive | 2009 | Franklin Energy |
| | C & I | 3 | Small Business Direct Install | 2011 | Franklin Energy |
| | | 4 Eval | Education Services Evaluation & Verification | 2009 | Internally |
| | | Eval | Evaluation & verification | 2009 | KEMA |
| I | | 1 | Residential Low Income | 2009 | MCAAA |
| | | 2 | Efficient Lighting Program | 2009 | Franklin Energy |
| | Residential | 3 | Refrigerator/Freezer Turn-In | 2009 | Franklin Energy |
| Dowagiac | | 4 | Residential Education Services | 2009 | Internally |
| Department of | | 5 | Residential Appliances & HVAC | 2010 | Franklin Energy |
| Public | | 1 | Prescriptive Incentive | 2009 | Franklin Energy |
| Services | | 2 | Custom Incentive | 2009 | Franklin Energy |
| | C & I | 3 | Small Business Direct Install | 2011 | Franklin Energy |
| | | 4 | Education Services | 2009 | Internally |
| | | Eval | Evaluation & Verification | 2009 | KEMA |

| 1 | | | MPPA Collaborative | 1 | |
|-------------------------------|-------------|---------------|---|--------------|---------------------------------------|
| Utility | Sector | | Program Type | Year Imp. | Implementation Contractors |
| | | 1 | Residential Low Income | 2009 | MCAAA |
| | | 2 | Efficient Lighting Program | 2009 | Franklin Energy |
| | | 3 | Refrigerator/Freezer Turn-In | 2009 | Franklin Energy |
| | Residential | 4 | Residential Education Services | 2009 | Internally |
| | | 5 | Residential Pilot Programs | 2010 | Internally |
| City of Eaton | | <u>6</u> 7 | Residential Appliances & HVAC Residential Home Energy Program | 2010 2012 | Franklin Energy Internal |
| Rapids - | | 1 | Prescriptive Incentive | 2009 | Franklin Energy |
| | | 2 | Custom Incentive | 2009 | Franklin Energy |
| | 0.01 | 3 | Small Business Direct Install | 2011 | Franklin Energy |
| | C & I | 4 | Education Services | 2009 | Internally |
| | | 5 | Pilot Programs | 2010 | Internally |
| | | Eval | Evaluation & Verification | 2009 | KEMA |
| | | 1 4 | Decidential Law Income | 1 2000 | IMAGA A A |
| | | 2 | Residential Low Income Efficient Lighting Program | 2009 | MCAAA Franklin Energy |
| | | 3 | Refrigerator/Freezer Turn-In | 2009 | Franklin Energy Franklin Energy |
| | | 4 | Residential Education Services | 2009 | Internally |
| | Residential | 5 | Residential Home Energy Program | 2012 | Internal |
| Crand Haven | | 6 | Residential Appliances & HVAC | 2010 | Franklin Energy |
| Grand Haven Board of Light | | 7 | Residential Multi-Family In-Unit Efficiency | 2010 | Franklin Energy |
| & Power | | 8 | Residential Pilot Programs | 2010 | Internally |
| a i owei | | 1 | Prescriptive Incentive | 2009 | Franklin Energy |
| | | 2 | Custom Incentive | 2009 | Franklin Energy |
| | C & I | 3 | Small Business Direct Install | 2011 | Franklin Energy |
| | | 4 | Education Services | 2009 | Internally |
| | | 5 Eval | Pilot Programs Evaluation & Verification | 2010 | Internally KEMA |
| | | Eval | Evaluation & verification | 2009 | INEMA |
| | | 1 | Residential Low Income | 2010 | MCAAA |
| | | 2 | Efficient Lighting Program | 2009 | Franklin Energy |
| | Residential | 3 | Refrigerator/Freezer Turn-In | 2009 | Franklin Energy |
| Harbor | | 4 | Residential Education Services | 2009 | Internally |
| Springs | | 5 | Residential Appliances & HVAC | 2010 | Franklin Energy |
| Municipal | | 1 | Prescriptive Incentive | 2009 | Franklin Energy |
| Utility | C & I | 3 | Custom Incentive Small Business Direct Install | 2009 2011 | Franklin Energy Franklin Energy |
| | Cai | 4 | Education Services | 2009 | Internally |
| | | Eval | Evaluation & Verification | 2009 | KEMA |
| | | | | | |
| | | 1 | Residential Low Income | 2010 | Internally |
| | Desidential | 2 | Efficient Lighting Program | 2009 | Franklin Energy |
| | Residential | 3 | Refrigerator/Freezer Turn-In Residential Education Services | 2009 2009 | Franklin Energy Internally |
| City of Hart | | 5 | Residential Education Services Residential Appliances & HVAC | 2009 | Franklin Energy |
| Hydro Electric | | 1 | Prescriptive Incentive | 2009 | Franklin Energy |
| ., | | 2 | Custom Incentive | 2009 | Franklin Energy |
| | C & I | 3 | Small Business Direct Install | 2011 | Franklin Energy |
| | | 4 | Education Services | 2009 | Internally |
| | | Eval | Evaluation & Verification | 2009 | KEMA |
| | | 1 | Posidential Law Income | 2000 | MCAAA, Lakeshore Habitat for Humanity |
| | | 2 | Residential Low Income Efficient Lighting Program | 2009 2009 | Franklin Energy |
| | | 3 | Refrigerator/Freezer Turn-In | 2009 | Franklin Energy Franklin Energy |
| | Residential | 4 | Residential Education Services | 2009 | Internally |
| | | 5 | Residential Appliances & HVAC | 2009 | Franklin Energy |
| Holland Board | | 8 | Residential Multi-Family In-Unit Efficiency | 2009 | Franklin Energy |
| of Public | | 9 | Residential Pilot Programs | 2009 | Internally |
| Works | | 1 | Prescriptive Incentive | 2009 | Franklin Energy |
| | | 2 | Custom Incentive | 2009 | Franklin Energy |
| | C & I | 3 | Small Business Direct Install | 2011 | Franklin Energy |
| | | 4 | Education Services | 2009 | Internally |
| | | 5 | Pilot Programs | 2009 | Internally |
| | | Eval | Evaluation & Verification | 2009 | KEMA |

| 1 | | | MPPA Collaborative (continue |) | 1 |
|------------------------|--------------------|---|--|--|---|
| Utility | Sector | | Program Type | Year Imp. | Implementation Contractors |
| | | 1 | Residential Low Income | 2009 | Internally |
| | | 2 | Efficient Lighting Program | 2009 | Internally |
| | Residential | 3 | Refrigerator/Freezer Turn-In | 2009 | Franklin Energy |
| | . 100100111101 | 4 | Residential Education Services | 2009 | Internally |
| Lowell Light | | 5 | Residential Appliances & HVAC | 2010 | Franklin Energy |
| Lowell Light and Power | | 6 | Residential Pilot Programs Prescriptive Incentive | 2009 2009 | Internally Franklin Energy |
| and i owei | | 2 | Custom Incentive | 2009 | Franklin Energy |
| | 0.01 | 3 | Small Business Direct Install | 2011 | Franklin Energy |
| | C & I | 4 | Education Services | 2009 | Internally |
| | | 5 | Pilot Programs | 2009 | Internally |
| | | Eval | Evaluation & Verification | 2009 | KEMA |
| | | 2 | Residential Low Income Efficient Lighting Program | 2010 2009 | MCAAA Franklin Energy |
| | Residential | 3 | Refrigerator/Freezer Turn-In | 2009 | Franklin Energy Franklin Energy |
| | residential | 4 | Residential Education Services | 2009 | Internally |
| Niles Utilities | | 5 | Residential Appliances & HVAC | 2009 | Franklin Energy |
| Department | | 1 | Prescriptive Incentive | 2009 | Franklin Energy |
| • | | 2 | Custom Incentive | 2009 | Franklin Energy |
| | C & I | 3 | Small Business Direct Install | 2011 | Franklin Energy |
| | | 4 | Education Services | 2009 | Internally |
| | | Eval | Evaluation & Verification | 2009 | KEMA |
| 1 | | 4 | Posidontial Lour Income | 2000 | Internally |
| | | 1 2 | Residential Low Income Efficient Lighting Program | 2009 2009 | Internally Franklin Energy |
| | | 3 | Refrigerator/Freezer Turn-In | 2009 | Franklin Energy |
| | Residential | 4 | Residential Multi-Family In-Unit Efficiency | 2009 | Franklin Energy |
| | | 5 | Residential Education Services | 2009 | Internally |
| /illage of Paw | | 6 | Residential Appliances & HVAC | 2010 | Franklin Energy |
| Paw | | 1 | Prescriptive Incentive | 2009 | Franklin Energy |
| | | 2 | Custom Incentive | 2009 | Franklin Energy |
| | C & I | 3 | Small Business Direct Install | 2011 | Franklin Energy |
| | | 4 | Education Services | 2009 | Internally |
| | | Eval | Evaluation & Verification | 2009 | KEMA |
| | | 1 | Residential Low Income | 2009 | Internally |
| | | 2 | Efficient Lighting Program | 2009 | Franklin Energy |
| | Residential | 3 | Refrigerator/Freezer Turn-In | 2009 | Franklin Energy |
| | Residential | 4 | Residential Education Services | 2009 | Internally |
| City of | | 5 6 | Residential Appliances & HVAC Pilot Programs | 2010 2010 | Franklin Energy Internally |
| Petoskev | | 1 | Prescriptive Incentive | 2009 | Franklin Energy |
| 1 Closkey | | 2 | Custom Incentive | 2009 | Franklin Energy |
| | 0.0: | 3 | Small Business Direct Install | 2011 | Franklin Energy |
| | C & I | 4 | Education Services | 2009 | Internally |
| | | 5 | Pilot Programs | 2010 | Internally |
| | | Eval | Evaluation & Verification | 2009 | KEMA |
| | | | Desidential Leur III | 0000 | |
| l l | | 1 | Residential Low Income | 2009 | MCAAA Franklin Energy |
| | | ^ | | 2000 | ICIAUKUU CURUUV |
| | Recidential | 2 | Efficient Lighting Program | 2009 | |
| | Residential | 3 | Refrigerator/Freezer Turn-In | 2009 | Franklin Energy |
| Portland Light | Residential | 3 4 | Refrigerator/Freezer Turn-In Residential Education Services | 2009 2009 | Franklin Energy Internally |
| and Power | Residential | 3 4 5 | Refrigerator/Freezer Turn-In Residential Education Services Residential Appliances & HVAC | 2009 2009 2010 | Franklin Energy Internally Franklin Energy |
| • | Residential | 3 4 | Refrigerator/Freezer Turn-In Residential Education Services | 2009 2009 | Franklin Energy Internally |
| and Power | Residential C & I | 3 4 5 1 | Refrigerator/Freezer Turn-In Residential Education Services Residential Appliances & HVAC Prescriptive Incentive | 2009 2009 2010 2009 | Franklin Energy Internally Franklin Energy Franklin Energy |
| and Power | | 3 4 5 1 2 3 4 | Refrigerator/Freezer Turn-In Residential Education Services Residential Appliances & HVAC Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services | 2009 2009 2010 2009 2009 2011 2009 | Franklin Energy Internally Franklin Energy Franklin Energy Franklin Energy Franklin Energy Internally |
| and Power | | 3 4 5 1 2 3 | Refrigerator/Freezer Turn-In Residential Education Services Residential Appliances & HVAC Prescriptive Incentive Custom Incentive Small Business Direct Install | 2009 2009 2010 2009 2009 2011 | Franklin Energy Internally Franklin Energy Franklin Energy Franklin Energy Franklin Energy |
| and Power | | 3 4 5 1 2 3 4 | Refrigerator/Freezer Turn-In Residential Education Services Residential Appliances & HVAC Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services | 2009 2009 2010 2009 2009 2011 2009 | Franklin Energy Internally Franklin Energy Franklin Energy Franklin Energy Franklin Energy Internally |
| and Power | | 3 4 5 1 2 3 4 Eval | Refrigerator/Freezer Turn-In Residential Education Services Residential Appliances & HVAC Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Evaluation & Verification | 2009 2009 2010 2009 2009 2009 2011 2009 2009 | Franklin Energy Internally Franklin Energy Franklin Energy Franklin Energy Franklin Energy Internally KEMA |
| and Power | C & I | 3 4 5 1 2 3 4 Eval | Refrigerator/Freezer Turn-In Residential Education Services Residential Appliances & HVAC Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Evaluation & Verification Residential Low Income | 2009 2009 2010 2009 2009 2009 2011 2009 2009 | Franklin Energy Internally Franklin Energy Franklin Energy Franklin Energy Franklin Energy Internally KEMA |
| and Power | | 3 4 5 1 2 3 4 Eval | Refrigerator/Freezer Turn-In Residential Education Services Residential Appliances & HVAC Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Evaluation & Verification Residential Low Income Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Education Services | 2009 2009 2010 2009 2009 2011 2009 2009 | Franklin Energy Internally Franklin Energy Franklin Energy Franklin Energy Franklin Energy Internally KEMA Internally Franklin Energy Franklin Energy Internally Internally Internally Internally Internally Internally Internally Internally Internally |
| and Power Board | C & I | 3 4 5 1 2 3 4 Eval | Refrigerator/Freezer Turn-In Residential Education Services Residential Appliances & HVAC Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Evaluation & Verification Residential Low Income Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Education Services Residential Appliances & HVAC | 2009 2009 2010 2009 2009 2011 2009 2009 | Franklin Energy Internally Franklin Energy Franklin Energy Franklin Energy Franklin Energy Internally KEMA Internally Franklin Energy Franklin Energy Internally Franklin Energy Franklin Energy Franklin Energy Internally Franklin Energy |
| and Power Board | C & I | 3 4 5 1 2 3 4 Eval | Refrigerator/Freezer Turn-In Residential Education Services Residential Appliances & HVAC Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Evaluation & Verification Residential Low Income Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Education Services Residential Appliances & HVAC Residential Pilot Programs | 2009 2009 2010 2009 2011 2009 2011 2009 2009 | Franklin Energy Internally Franklin Energy Franklin Energy Franklin Energy Franklin Energy Internally KEMA Internally Franklin Energy Franklin Energy Internally Franklin Energy Internally Franklin Energy Internally Franklin Energy Internally Internally Internally Internally Internally |
| and Power Board | C & I | 3 4 5 1 2 3 4 Eval | Refrigerator/Freezer Turn-In Residential Education Services Residential Appliances & HVAC Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Evaluation & Verification Residential Low Income Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Education Services Residential Appliances & HVAC Residential Pilot Programs Prescriptive Incentive | 2009 2009 2010 2009 2011 2009 2011 2009 2009 | Franklin Energy Internally Franklin Energy Franklin Energy Franklin Energy Internally KEMA Internally Franklin Energy |
| and Power Board | C & I | 3 4 5 1 2 3 4 Eval | Refrigerator/Freezer Turn-In Residential Education Services Residential Appliances & HVAC Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Evaluation & Verification Residential Low Income Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Education Services Residential Appliances & HVAC Residential Pilot Programs Prescriptive Incentive Custom Incentive | 2009 2009 2010 2009 2009 2009 2009 2009 | Franklin Energy Internally Franklin Energy Franklin Energy Franklin Energy Internally KEMA Internally Franklin Energy |
| and Power Board | C & I | 3 4 5 1 2 3 4 Eval | Refrigerator/Freezer Turn-In Residential Education Services Residential Appliances & HVAC Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Evaluation & Verification Residential Low Income Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Education Services Residential Appliances & HVAC Residential Pilot Programs Prescriptive Incentive Custom Incentive Small Business Direct Install | 2009 2009 2010 2009 2009 2011 2009 2009 | Franklin Energy Internally Franklin Energy Franklin Energy Franklin Energy Internally KEMA Internally Franklin Energy Franklin Energy Franklin Energy Franklin Energy Franklin Energy |
| and Power Board | C & I Residential | 3 4 5 1 2 3 4 Eval | Refrigerator/Freezer Turn-In Residential Education Services Residential Appliances & HVAC Prescriptive Incentive Custom Incentive Small Business Direct Install Education Services Evaluation & Verification Residential Low Income Efficient Lighting Program Refrigerator/Freezer Turn-In Residential Education Services Residential Appliances & HVAC Residential Pilot Programs Prescriptive Incentive Custom Incentive | 2009 2009 2010 2009 2009 2009 2009 2009 | Franklin Energy Internally Franklin Energy Franklin Energy Franklin Energy Internally KEMA Internally Franklin Energy |

| MPPA Collaborative (continued) | | | | | | | |
|--------------------------------|----------------|---------------|---------------------------------|--------------|------------------------------|--|--|
| Utility | Sector | | Program Type | Year Imp. | Implementation Contractors | | |
| | | 1 1 | Residential Low Income | 2009 | MCAAA | | |
| | | 2 | Efficient Lighting Program | 2009 | Franklin Energy | | |
| | Residential | 3 | Residential Home Energy Program | 2012 | Internally | | |
| | | 4 | Residential Education Services | 2009 | Internally | | |
| | | 5 | Residential Appliances & HVAC | 2010 | Franklin Energy | | |
| City of Sturgis | | 1 | Prescriptive Incentive | 2009 | Franklin Energy | | |
| ony or orangio | | 2 | Custom Incentive | 2009 | Franklin Energy | | |
| | | 3 | Small Business Direct Install | 2011 | Franklin Energy | | |
| | C & I | 4 | Pilot Programs | 2010 | Internally | | |
| | | 5 | Education Services | 2009 | Internally | | |
| | | Eval | Evaluation & Verification | 2009 | KEMA | | |
| | | <u> </u> Lvai | Evaluation & verification | 2000 | INCLIVIA | | |
| | | 1 | Residential Low Income | 2009 | Internally, MCAAA, DHS, TCHC | | |
| | | 2 | Efficient Lighting Program | 2009 | Internally | | |
| | Residential | 3 | Refrigerator/Freezer Turn-In | 2009 | Franklin Energy | | |
| | | 4 | Residential Education Services | 2009 | Internally | | |
| T 0'' | | 5 | Residential Appliances & HVAC | 2009 | Franklin Energy | | |
| Traverse City | | 6 | Residential Pilot Programs | 2009 | Internally | | |
| Light and | | 1 | Prescriptive Incentive | 2009 | Franklin Energy | | |
| Power | C & I | 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 | | |
| | | <u>'</u> | | | | | |
| | | 1 | Residential Low Income | 2009 | Internally | | |
| | | 2 | Efficient Lighting Program | 2009 | Internally | | |
| | Residential | 3 | Refrigerator/Freezer Turn-In | 2009 | Franklin Energy | | |
| | | 4 | Residential Education Services | 2009 | Internally | | |
| Wyandotte | | 5 | Residential Pilot Programs | 2009 | Internally | | |
| Municipal | | 6 | Residential Appliances & HVAC | 2010 | Franklin Energy | | |
| Services | | 1 | Prescriptive Incentive | 2009 | Franklin Energy | | |
| | | 2 | Custom Incentive | 2009 | Franklin Energy | | |
| | C & I | 3 | Pilot Programs | 2009 | Internally | | |
| | | 4 | Education Services | 2009 | Internally | | |
| | | Eval | Evaluation & Verification | 2009 | KEMA | | |
| | | | | | | | |
| | <u> </u> | 1 | Residential Low Income | 2009 | MCAAA | | |
| | | 2 | Efficient Lighting Program | 2009 | Internally | | |
| | Residential | 3 | Refrigerator/Freezer Turn-In | 2010 | Franklin Energy | | |
| | ivesinei iliai | 4 | Residential Education Services | 2009 | Internally | | |
| Zeeland Board | | 5 | Residential Appliances & HVAC | 2010 | Franklin Energy | | |
| of Public | | 6 | Residential Pilot Programs | 2009 | Internally | | |
| Works | | 1 | Prescriptive Incentive | 2009 | Franklin Energy | | |
| | | 2 | Custom Incentive | 2009 | Franklin Energy | | |
| | C & I | 3 | Small Business Direct Install | 2011 | Franklin Energy | | |
| | | 4 | Education Services | 2009 | Internally | | |
| | | Eval | Evaluation & Verification | 2010 | KEMA | | |

| Efficiency United Municipal Utilities |
|---|
| Village of Baraga |
| City of Crystal Falls |
| Daggett Electric Department |
| City of Gladstone Electrical Department |
| Hillsdale Board of Public Utilities |
| Village of L'Anse |
| City of Negaunee Electric Department |
| City of Norway Electric Department |
| South Haven Department of Public Works |

MWh Data

| Cleatric Municipals | | 1.00% | | | |
|--|-------------|-------------|------------|-------------|--|
| Electric Municipals | 2012 Target | 2012 Actual | % Achieved | 2013 Target | |
| Bay City Electric Light & Power | 2,860 | 3,037 | 106% | 3,124 | |
| City of Charlevoix | 603 | 643 | 106% | 569 | |
| Chelsea Electric Department | 366 | 479 | 131% | 828 | |
| Village of Clinton | 213 | 203 | 95% | 227 | |
| Coldwater Board of Public Utilities | 2,589 | 2,104 | 81% | 3,280 | |
| Croswell Light & Power Department | 357 | 489 | 137% | 271 | |
| Detroit Public Lighting Department | 865 | 592 | 68% | 1,608 | |
| Dowagiac Department of Public Services | 417 | 538 | 129% | EU in 2013 | |
| City of Eaton Rapids | 455 | 607 | 133% | 377 | |
| Escanaba Electric Department | 1,428 | 1,338 | 94% | 1,471 | |
| Grand Haven Board of Light and Power | 2,223 | 1,912 | 86% | 2,986 | |
| Harbor Springs Municipal Utility | 358 | 369 | 103% | EU in 2013 | |
| City of Hart Hydro Electric | 394 | 265 | 67% | 551 | |
| Holland Board of Public Works | 7,948 | 8,116 | 102% | 9,653 | |
| Lansing Board of Water & Light | 19,280 | 23,147 | 120% | 18,363 | |
| Lowell Light and Power | 483 | 503 | 104% | 628 | |
| Marquette Board of Light and Power | 3,098 | 2,912 | 94% | 3,199 | |
| City of Marshall Electric Department | 537 | 868 | 162% | 725 | |
| Newberry Water & Light Board | 192 | 243 | 127% | 140 | |
| Niles Utilities Department | 1,287 | 1,003 | 78% | 1,578 | |
| Village of Paw Paw | 480 | 450 | 94% | 511 | |
| City of Petoskey | 1,080 | 839 | 78% | 1,358 | |
| Portland Light and Power Board | 362 | 332 | 92% | 392 | |
| Sebewaing Light & Water Dept. | 311 | 1,017 | 327% | 163 | |
| City of St. Louis | 378 | 365 | 97% | 391 | |
| City of Stephenson | 60 | 68 | 113% | 51 | |
| City of Sturgis | 2,215 | 2,798 | 126% | 1,699 | |
| Traverse City Light & Power | 2,543 | 4,109 | 162% | 2,157 | |
| Union City | 139 | 125 | 89% | 171 | |
| City of Wakefield | 52 | 52 | 100% | 130 | |
| Wyandotte Municipal Services | 2,495 | 2,500 | 100% | 3,187 | |
| Zeeland Board of Public Works | 2,601 | 1,484 | 57% | 4,101 | |

| Efficiency United Municipal Utilities |
|---|
| Village of Baraga |
| City of Crystal Falls |
| Daggett Electric Department |
| City of Gladstone Electrical Department |
| Hillsdale Board of Public Utilities |
| Village of L'Anse |
| City of Negaunee Electric Department |
| City of Norway Electric Department |
| South Haven Department of Public Works |

Actual 2012 Expenditures

| Electric Municipals | Total | Residential | Residential | C&I | Low Income | Admin & |
|--|-------------|----------------|--------------|-------------|------------|-----------|
| • | 2012 | W/O Low Income | W/Low Income | | | Eval |
| Bay City Electric Light & Power | \$469,307 | \$179,571 | \$239,588 | \$198,694 | \$60,017 | \$31,026 |
| City of Charlevoix | \$68,757 | \$12,125 | \$14,127 | \$49,970 | \$2,002 | \$4,660 |
| Chelsea Electric Department | \$72,410 | \$20,313 | \$20,313 | \$44,951 | \$0 | \$7,146 |
| Village of Clinton | \$9,465 | \$5,864 | \$5,992 | \$1,823 | \$127 | \$1,650 |
| Coldwater Board of Public Utilities | \$536,800 | \$112,600 | \$191,000 | \$244,200 | \$78,400 | \$101,600 |
| Croswell Light & Power Department | \$43,500 | \$2,952 | \$5,507 | \$31,946 | \$2,555 | \$6,047 |
| Detroit Public Lighting Department | \$141,860 | \$50 | \$600 | \$72,180 | \$550 | \$69,080 |
| Dowagiac Department of Public Services | \$66,347 | \$9,716 | \$10,122 | \$48,546 | \$407 | \$7,678 |
| City of Eaton Rapids | \$67,040 | \$13,487 | \$13,839 | \$47,397 | \$352 | \$5,803 |
| Escanaba Electric Department | \$191,237 | \$30,025 | \$32,571 | \$94,476 | \$2,546 | \$64,190 |
| Grand Haven Board of Light and Power | \$228,811 | \$33,988 | \$34,626 | \$181,452 | \$638 | \$12,733 |
| Harbor Springs Municipal Utility | \$43,205 | \$9,108 | \$9,284 | \$30,195 | \$176 | \$3,726 |
| City of Hart Hydro Electric | \$38,926 | \$4,177 | \$4,177 | \$31,040 | \$0 | \$3,709 |
| Holland Board of Public Works | \$1,066,505 | \$186,443 | \$236,736 | \$743,040 | \$50,293 | \$86,729 |
| Lansing Board of Water & Light | \$3,260,845 | \$929,233 | \$1,129,792 | \$1,817,240 | \$200,559 | \$313,813 |
| Lowell Light and Power | \$63,247 | \$11,074 | \$12,499 | \$39,416 | \$1,425 | \$11,332 |
| Marquette Board of Light and Power | \$488,019 | \$95,103 | \$104,486 | \$236,045 | \$9,383 | \$147,488 |
| City of Marshall Electric Department | \$55,902 | \$9,320 | \$9,320 | \$32,477 | \$0 | \$14,105 |
| Newberry Water & Light Board | \$31,159 | \$16,341 | \$19,808 | \$7,918 | \$3,467 | \$3,433 |
| Niles Utilities Department | \$129,103 | \$27,709 | \$29,346 | \$90,086 | \$1,637 | \$9,672 |
| Village of Paw Paw | \$55,998 | \$9,285 | \$9,285 | \$42,895 | \$0 | \$3,817 |
| City of Petoskey | \$96,140 | \$13,599 | \$13,599 | \$76,149 | \$0 | \$6,393 |
| Portland Light and Power Board | \$41,497 | \$15,665 | \$16,071 | \$21,430 | \$407 | \$3,995 |
| Sebewaing Light & Water Dept. | \$43,577 | \$9,205 | \$12,687 | \$26,211 | \$3,482 | \$4,680 |
| City of St. Louis | \$53,446 | \$7,908 | \$8,332 | \$39,990 | \$424 | \$5,125 |
| City of Stephenson | \$7,799 | \$2,378 | \$2,593 | \$2,656 | \$215 | \$2,550 |
| City of Sturgis | \$242,340 | \$31,996 | \$33,340 | \$198,609 | \$1,344 | \$10,392 |
| Traverse City Light & Power | \$612,250 | \$94,106 | \$100,341 | \$386,186 | \$6,236 | \$125,723 |
| Union City | \$11,577 | \$7,434 | \$7,635 | \$3,092 | \$201 | \$850 |
| City of Wakefield | \$6,186 | \$2,324 | \$2,766 | \$3,214 | \$442 | \$206 |
| Wyandotte Municipal Services | \$238,925 | \$54,522 | \$77,888 | \$134,100 | \$23,366 | \$26,937 |
| Zeeland Board of Public Works | \$285,371 | \$67,278 | \$67,538 | \$204,925 | \$260 | \$12,908 |

| Efficiency United Municipal Utilities |
|---|
| Village of Baraga |
| City of Crystal Falls |
| Daggett Electric Department |
| City of Gladstone Electrical Department |
| Hillsdale Board of Public Utilities |
| Village of L'Anse |
| City of Negaunee Electric Department |
| City of Norway Electric Department |
| South Haven Department of Public Works |

| | | | EO Residential |
|--|-------------|---------------------|--------------------------------|
| Electric Municipals | Case No. | Administration 2012 | Surcharge per \$/kWh or Per |
| | | | Meter |
| Bay City Electric Light & Power | U-16689 | MPPA | 0.000825 |
| City of Charlevoix | U-16690 | MPPA | \$0.00115 |
| Chelsea Electric Department | U-16691 | MPPA | \$0.00100 |
| Village of Clinton | U-16692 | Independently | \$0.00000 |
| Coldwater Board of Public Utilities | U-16693 | Independently | \$0.00252 |
| Croswell Light & Power Department | U-16694 | MPPA | \$0.00169 |
| Detroit Public Lighting Department | U-16697 | Independently | \$0.00150 |
| Dowagiac Department of Public Services | U-16698 | MPPA | \$0.00100 |
| City of Eaton Rapids | U-16699 | MPPA | \$0.00080 |
| Escanaba Electric Department | U-16700 | MECA | \$0.00186 |
| Grand Haven Board of Light and Power | U-16702 | MPPA | \$0.00138 |
| Harbor Springs Municipal Utility | U-16703 | MPPA | \$0.00124 |
| City of Hart Hydro Electric | U-16704 | MPPA | \$0.00130 |
| Holland Board of Public Works | U-16706 | MPPA | \$0.00159 |
| Lansing Board of Water & Light | U-16708 | Independently | \$0.00185 |
| Lowell Light and Power | U-16709 | MPPA | \$0.00163 |
| Marquette Board of Light and Power | U-16710 | MECA | \$0.00171 |
| City of Marshall Electric Department | U-16711 | Independently | \$0.00000 |
| Newberry Water & Light Board | U-16713 | MECA | \$0.00137 |
| Niles Utilities Department | U-16714 | MPPA | \$0.00000 |
| Village of Paw Paw | U-16716 | MPPA | \$0.00120 |
| City of Petoskey | U-16717 | MPPA | \$0.00182 |
| Portland Light and Power Board | U-16718 | MPPA | \$0.00132 |
| Sebewaing Light & Water Dept. | U-16719 | Independently | \$0.00174 |
| City of St. Louis | U-16721 | MPPA | \$0.00114 |
| City of Stephenson | U-16722 | MECA | \$0.00128 |
| City of Sturgis | U-16723 | MPPA | \$0.00112 |
| Traverse City Light & Power | U-16724 | MPPA | \$0.00000 |
| Union City | U-16725 | Independently | \$0.00090 |
| City of Wakefield | U-16726 | Independently | \$0.00122 |
| Wyandotte Municipal Services | U-16727 | MPPA | \$0.00148 |
| Zeeland Board of Public Works | U-16728 | MPPA | \$1.00 Per Meter |

Efficiency United Municipal Utilities

| Village of Baraga | U-16688 | Efficiency United | |
|---|---------|-------------------|-----------|
| City of Crystal Falls | U-16695 | Efficiency United | |
| Daggett Electric Department | U-16696 | Efficiency United | |
| City of Gladstone Electrical Department | U-16701 | Efficiency United | |
| Hillsdale Board of Public Utilities | U-16705 | Efficiency United | |
| Village of L'Anse | U-16707 | Efficiency United | |
| City of Negaunee Electric Department | U-16712 | Efficiency United | |
| City of Norway Electric Department | U-16715 | Efficiency United | |
| South Haven Department of Public Works | U-16720 | Efficiency United | \$0.00079 |