STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

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In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the CITY OF BAY CITY to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.) Case No. U-18282)))
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the CITY OF CHARLEVOIX to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.)) Case No. U-18283)))
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the CHELSEA DEPARTMENT OF ELECTRIC AND WATER to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.)) Case No. U-18284)))
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the VILLAGE OF CLINTON to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.)) Case No. U-18285)))
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the COLDWATER BOARD OF PUBLIC UTILITIES to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.)) Case No. U-18286)))

In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the CROSWELL MUNICIPAL LIGHT & POWER DEPARTMENT to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.	Case No. U-18287 Case No. U-18287
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the DAGGETT ELECTRIC DEPARTMENT to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.))) Case No. U-18289)))
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the CITY OF EATON RAPIDS to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.	Case No. U-18292 Case No. U-18292
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the CITY OF ESCANABA to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.	Case No. U-18293
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the GRAND HAVEN BOARD OF LIGHT AND POWER to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.	Case No. U-18295 Case No. U-18295
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the CITY OF HART HYDRO to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.	Case No. U-18297)

In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the HOLLAND BOARD OF PUBLIC WORKS to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.	Case No. U-18299)))
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the LANSING BOARD OF WATER & LIGHT to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.	Case No. U-18301))
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for LOWELL LIGHT AND POWER to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.	Case No. U-18302))
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the MARQUETTE BOARD OF LIGHT AND POWER to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.	Case No. U-18303 Case No. U-18303
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the CITY OF MARSHALL ELECTRIC DEPARTMENT to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.	Case No. U-18304))
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the NEWBERRY WATER & LIGHT BOARD to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.	Case No. U-18306))

In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the NILES UTILITY DEPARTMENT to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.)) Case No. U-18307)))
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the VILLAGE OF PAW PAW to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.)) Case No. U-18309)))
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the CITY OF PETOSKEY to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.)) Case No. U-18310)))
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the CITY OF PORTLAND to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.	Case No. U-18311)))
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the CITY OF SEBEWAING to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.	Case No. U-18312)))
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the CITY OF SOUTH HAVEN to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.)) Case No. U-18313)))

In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the CITY OF ST. LOUIS to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.)) Case No. U-18314)))
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the CITY OF STEPHENSON to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.)) Case No. U-18315)))
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the CITY OF STURGIS to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.)) Case No. U-18316)))
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for TRAVERSE CITY LIGHT & POWER to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.	Case No. U-18317)))))
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the UNION CITY ELECTRIC DEPARTMENT to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.	Case No. U-18318))))
In the matter, on the Commission's own motion, regarding the regulatory reviews, revisions, determinations, and/or approvals necessary for the CITY OF WAKEFIELD to fully comply with Public Act 295 of 2008, as amended by Public Act 342 of 2016.	Case No. U-18319))))

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JOINT SUBMITTAL OF ENERGY WASTE REDUCTION 2020 ANNUAL REPORT

Pursuant to the Michigan Public Service Commission's Order issued November 19, 2020, the utilities listed in the above caption hereby submit the attached Energy Waste Reduction 2020 Annual Report.

Respectfully submitted,

DICKINSON WRIGHT PLLC
Attorneys for Michigan Municipal Electric Association

By:

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MICHIGAN MUNICIPAL ELECTRIC ASSOCIATION

By:

Katie Abraham Executive Director 809 Centennial Way Lansing, MI 48917 (517) 853-6680

Dated: May 28, 2021

Energy Waste Reduction 2020 Annual Report for Michigan Electric Municipal Utilities

Introduction

Pursuant to 2016 Public Act 342 (PA 342), the municipal utilities are filing this annual energy waste reduction (EWR) report with the Michigan Public Service Commission (MPSC). This EWR annual report consists of two sections:

- Section 1 will address the requirements under PA 342 Section 97, Subsections 1-3 and Section 71, Subsection 4 (i).
- Section 2 will summarize the EWR programs implemented in 2020.

SECTION 1: PA 342 SECTION 97 AND SECTION 71 REQUIREMENTS

Section 97 (1) By a time determined by the commission, 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 waste reduction standards.

Each municipal electric provider has continued to offer Energy Waste Reduction programs to all customer classes. Attachment A provides a list of EWR 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 amount of energy waste reduction achieved 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 waste reduction credits (in megawatt hours) generated for 2020 and the targets for 2021 are shown in Attachment B for the municipal utilities. The expenditures for 2020 for the Low Income, Residential, Commercial/Industrial programs and Administration/EM&V can be found in Attachment C. The EWR 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 with a bill insert and to its governing body. A municipally owned electric utility shall make a copy of the report available at its office and shall post a copy of the report on its website.

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

Section 71 (4)(i) Include a process for obtaining an independent expert evaluation of the actual energy waste reduction programs to verify the incremental energy savings from each energy waste reduction 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 EWR PROGRAMS IMPLEMENTED IN 2020

Residential Low Income Services

All the municipal electric utilities continued to offer low income programs to their customers in 2020.

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 Programs

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 Programs

		ENERGY	WASTE REDUCTION PROGRAMS A	AND CON	TRACTORS
			INDEPENDENTLY ADMINISTE	RING	
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
T		1	Residential Low Income	2009	Internally
		2	Efficient Lighting Program	2009	Internally
	B. Clark	3	Appliance Recycling	2009	In transition
	Residential	4	Residential Education Services	2009	Internally
Coldwater		5	Residential Appliances & HVAC	2009	Internally
Board of		7	Residential Pilot Programs	2009	Internally
Public Utilities		2	Prescriptive Incentive Custom Incentive	2009	Internally Internally
	C & I	3	Education Services	2009	Internally
	·	4	Pilot Programs	2009	Internally
		Eval	Evaluation & Verification	2010	E3M Solutions
ı		1 4	Decidential Levy Insert	0000	MEO 9 letowells
		2	Residential Low Income Efficient Lighting Program	2009	MEO & Internally MEO/Franklin (2018)
		3	Appliance Recycling	2009	MEO (2011)
	Residential	4	Residential Appliances & HVAC	2010	MEO/Franklin (2018)
		5	Residential Multi-Family In-Unit Efficiency	2010	MEO/Franklin (2018)
Lansing Board		6	Residential Education Services	2009	National Energy Foundation/Apogee/Internally
of Water &		7	Residential Pilot Programs	2011	Internally
Light	C & I	1	Prescriptive Incentive	2009	Franklin Energy
		3	Custom Incentive Small Business Direct Install	2009	Franklin Energy Franklin Energy
		4	Education Services	2009	Questline/Internally
		5	Pilot Programs	2010	Internally
		Eval	Evaluation & Verification	2009	DNV-GL
		T 4	Desidential Laurence	0000	Later and the
	Residential	2	Residential Low Income Residential Services	2009	Internally Internally
		3	Residential Education Services	2009	Internally
City of		1	Prescriptive Incentive	2009	Internally
Marshall	C & I	2	Custom Incentive	2009	Internally
		3	Education Services	2009	Internally
		Eval	Evaluation & Verification	2010	Internally
		1	Residential Low Income	2009	Internally
		2	Residential Services	2009	Internally
	Residential	3	Residential Education Services	2009	Internally
		4	Residential Pilot	2010	Internally
Sebewaing		5	Residential Appliances & HVAC	2010	Internally
		2	Prescriptive Incentive Custom Incentive	2009	Internally Internally
	C & I	3	Education Services	2009	Internally
		4	Pilot Programs	2010	Internally
		Eval	Evaluation & Verification	2009	DNV-GL
			B : 1 : 2 1	0000	1
	Residential	2	Residential Low Income Efficient Lighting Program	2009	Internally Internally
Union City	1 toolaoi itial	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	Local Police Officer
I		1	Residential Low Income	2009	Internally
	Residential	2	Residential Services	2009	Internally
City of		3	Residential Education Services	2009	Internally
Wakefield		1	Business Services	2009	Internally
	C&I	2	Education Services	2009	Internally
		Eval	Evaluation & Verification	2009	Internally

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Utility	Sector		Program Type	Year Imp.	Implementation Contractors
		1	Income Qualified	2016	slipstream (previously named WECC)
		2	High Efficiency Products	2016	slipstream (previously named WECC)
	Residential	3	Education Services	2016	slipstream (previously named WECC)
Daggett		4	Pilot Programs	2016	slipstream (previously named WECC)
Electric		1	General Business Services	2016	slipstream (previously named WECC)
Department	C & I	2	Education Services	2016	slipstream (previously named WECC)
		3 Eval	Pilot Programs Evaluation & Verification	2016 2016	slipstream (previously named WECC) DNV-GL
-			Evaluation a vormoation	2010	DIW GE
		1	Income Qualified	2009	slipstream (previously named WECC)
		2	High Efficiency Products	2009	slipstream (previously named WECC)
		3	Appliance Recycling	2009	slipstream (previously named WECC)
	Residential	4	Efficient HVAC	2009	slipstream (previously named WECC)
Escanaba		5	Audit & Weatherization / New Construction	2009	slipstream (previously named WECC)
Electric		6	Education Services	2009	slipstream (previously named WECC)
Department		7	Pilot Programs	2009	slipstream (previously named WECC)
		1	General Business Services	2009	slipstream (previously named WECC)
	C & I	2	Education Services Pilot Programs	2009	slipstream (previously named WECC)
		3 Eval	Pilot Programs Evaluation & Verification	2009	slipstream (previously named WECC) DNV-GL
		∟ vai		2009	DITT OL
		1	Residential Low Income	2009	slipstream (previously named WECC)
		2	High Efficiency Products	2009	slipstream (previously named WECC)
		3	Appliance Recycling	2009	slipstream (previously named WECC)
	Residential	4	Efficient HVAC	2009	slipstream (previously named WECC)
Marquette		5	Audit & Weatherization / New Construction	2009	slipstream (previously named WECC)
oard of Light		6	Education Services	2009	slipstream (previously named WECC)
& Power		7	Pilot Programs	2009	slipstream (previously named WECC)
	C&I	1	General Business Services	2009	slipstream (previously named WECC)
		2	Education Services	2009	slipstream (previously named WECC)
		3 Eval	Pilot Programs Evaluation & Verification	2009	slipstream (previously named WECC) DNV-GL
		Lvai	Evaluation & verification	2009	DIVV-GE
		1	Residential Low Income	2009	slipstream (previously named WECC)
		2	High Efficiency Products	2009	slipstream (previously named WECC)
		3	Appliance Recycling	2009	slipstream (previously named WECC)
	Residential	3 4	Appliance Recycling Efficient HVAC	2009 2009	slipstream (previously named WECC) slipstream (previously named WECC)
Newberry	Residential	3 4 5	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction	2009 2009 2009	slipstream (previously named WECC) slipstream (previously named WECC) slipstream (previously named WECC)
Vater & Light	Residential	3 4 5 6	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services	2009 2009 2009 2009	slipstream (previously named WECC) slipstream (previously named WECC) slipstream (previously named WECC) slipstream (previously named WECC)
	Residential	3 4 5 6 7	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs	2009 2009 2009 2009 2009	slipstream (previously named WECC) slipstream (previously named WECC) slipstream (previously named WECC) slipstream (previously named WECC) slipstream (previously named WECC)
Vater & Light	Residential	3 4 5 6 7	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services	2009 2009 2009 2009 2009 2009	slipstream (previously named WECC)
Vater & Light	Residential	3 4 5 6 7 1	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services	2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC)
Vater & Light		3 4 5 6 7 1 2 3	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC)
Vater & Light		3 4 5 6 7 1	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services	2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC)
Vater & Light		3 4 5 6 7 1 2 3 Eval	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC) DNV-GL
Vater & Light		3 4 5 6 7 1 2 3 Eval	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC) DNV-GL slipstream (previously named WECC) slipstream (previously named WECC) slipstream (previously named WECC)
Vater & Light		3 4 5 6 7 1 2 3 Eval	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC) DNV-GL slipstream (previously named WECC) slipstream (previously named WECC) slipstream (previously named WECC) slipstream (previously named WECC)
Vater & Light		3 4 5 6 7 1 2 3 Eval	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient HVAC	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC) blipstream (previously named WECC) DNV-GL slipstream (previously named WECC)
Vater & Light Board	C&I	3 4 5 6 7 1 2 3 Eval	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC) DNV-GL slipstream (previously named WECC)
/ater & Light Board South Haven	C&I	3 4 5 6 7 1 1 2 3 Eval	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Farm Services	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC) blipstream (previously named WECC) slipstream (previously named WECC)
/ater & Light Board South Haven	C&I	3 4 5 6 7 1 1 2 3 Eval	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Farm Services Education Services	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC) DNV-GL slipstream (previously named WECC)
South Haven ept. of Public	C&I	3 4 5 6 7 1 2 3 Eval	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Farm Services Education Services Pilot Programs	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC) DNV-GL slipstream (previously named WECC)
South Haven ept. of Public	C&I	3 4 5 6 7 1 2 3 Eval 1 2 3 4 5 6 7 8 7 8 8	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Farm Services Education Services Pilot Programs General Business Services	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC)
South Haven ept. of Public	C&I	3 4 5 6 7 1 2 3 Eval 1 2 3 4 5 6 7 7 8 8 7 8 7 8 8 8 8 7 8 8 8 8 8 8 8	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Farm Services Education Services Pilot Programs General Business Services Education Services Education Services	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC)
South Haven	C&I Residential	3 4 5 6 7 1 2 3 Eval 1 2 3 4 5 6 7 7 8 8 1 1 2 3 4 5 6 7 7 8 8 8 8 7 8 8 8 8 8 8 8 8 8 8 8 8	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Farm Services Education Services Pilot Programs General Business Services Education Services Pilot Programs	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC) DNV-GL slipstream (previously named WECC)
South Haven	C&I Residential	3 4 5 6 7 1 2 3 Eval 1 2 3 4 5 6 7 7 8 8 7 8 7 8 8 8 8 7 8 8 8 8 8 8 8	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Farm Services Education Services Pilot Programs General Business Services Education Services Education Services	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC)
Vater & Light Board South Haven ept. of Public	C&I Residential	3 4 5 6 7 1 2 3 Eval 1 2 3 4 5 6 7 7 8 8 1 1 2 3 4 5 6 7 7 8 8 8 8 7 8 8 8 8 8 8 8 8 8 8 8 8	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Farm Services Education Services Pilot Programs General Business Services Education Services Pilot Programs	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC) DNV-GL slipstream (previously named WECC)
South Haven ept. of Public	C&I Residential	3 4 5 6 7 1 2 3 Eval	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Farm Services Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC) DNV-GL slipstream (previously named WECC) slipstream (previously named WECC) slipstream (previously named WECC)
South Haven ept. of Public	C&I Residential C & I	3 4 5 6 7 1 2 3 Eval 1 2 3 4 5 6 7 7 8 1 1 2 3 5 6 7 7 7 7 8 8 8 8 7 7 8 8 8 8 8 7 8	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Farm Services Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC)
South Haven ept. of Public	C&I Residential	3 4 5 6 7 1 2 3 Eval	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Farm Services Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC)
South Haven ept. of Public Works	C&I Residential C & I	3 4 5 6 7 1 2 3 Eval 1 2 3 4 5 6 7 7 8 8 1 1 2 3 8 1 1 2 3 8 1 1 1 2 3 8 1 1 1 1 2 3 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Farm Services Education Services Pilot Programs General Business Services Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC)
South Haven ept. of Public Works	C&I Residential C & I	3 4 5 6 7 1 2 3 Eval 1 2 3 4 5 6 7 8 8 1 1 2 3 8 5 6 7 8 8 8 1 1 2 3 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Farm Services Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Evaluation & Verification	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC)
South Haven ept. of Public Works	C&I Residential C & I	3 4 5 6 7 1 1 2 3 Eval 1 2 3 4 5 6 7 8 1 1 2 3 3 Eval 2 3 5 6 7 8 8 1 1 2 3 8 1 2 3 8 1 8 1 2 3 8 1 8 1 2 3 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Farm Services Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Evaluation & Verification	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC)
Gouth Haven ept. of Public Works	C&I Residential C & I	3 4 5 6 7 1 2 3 Eval 1 2 3 4 5 6 7 8 1 2 3 Eval 1 2 3 4 5 6 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Farm Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC)
South Haven ept. of Public Works	C&I Residential C & I	3 4 5 6 7 1 1 2 3 Eval 1 2 3 4 5 6 7 8 1 1 2 3 3 Eval 2 3 5 6 7 8 8 1 1 2 3 8 1 2 3 8 1 8 1 2 3 8 1 8 1 2 3 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8	Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Efficient HVAC Audit & Weatherization / New Construction Farm Services Education Services Pilot Programs General Business Services Education Services Pilot Programs Evaluation & Verification Residential Low Income High Efficiency Products Appliance Recycling Evaluation & Verification	2009 2009 2009 2009 2009 2009 2009 2009	slipstream (previously named WECC)

3		T	MPPA Collaborative		ATTACHMENT
Utility	Sector		Program Type	Year Imp.	Implementation Contractors
		1	Residential Low Income	2009	Internally
		2	Efficient Lighting Program	2009	Internally
		3	Appliance Recycling	2009	Internally
	Residential	4	Residential Education Services	2009	Internally
		5	Residential Appliances & HVAC	2010	Internally
Bay City		6	Residential Home Energy Programs	2010	Internally
lectric Light &		7	Electric Water Heater Saving Kits	2010	Internally
Power		8	Residential Pilot Programs Prescriptive Incentive	2010 2009	Internally Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
		3	Small Business Direct Install	2009	Franklin Energy
	C & I	4	Education Services	2009	Internally
		5	Pilot Programs	2010	Internally
		Eval	Evaluation & Verification	2009	DNV-GL
		Lvai	Evaluation & verification	2009	IDIVV-GL
		1	Residential Low Income	2009	Franklin Energy (2015)
		2	Efficient Lighting Program	2009	Franklin Energy
	Residential	3	Appliance Recycling	2009	Franklin Energy
		4	Residential Education Services	2009	Franklin Energy (2015)
City of		5	Residential Appliances & HVAC	2010	Franklin Energy
Charlevoix		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	Franklin Energy (2015)
		Eval	Evaluation & Verification	2009	DNV-GL
					-
		1	Residential Low Income	2009	Franklin Energy (2015)
		2	Efficient Lighting Program	2009	Franklin Energy
	Residential	3	Appliance Recycling	2009	Franklin Energy
		4	Residential Education Services	2009	Franklin Energy (2015)
Chelsea		6	Residential Appliances & HVAC	2010	Franklin Energy
Electric		7	Residential Pilot Programs	2010	Franklin Energy (2015)
Department		1	Prescriptive Incentive	2009	Franklin Energy
Department		2	Custom Incentive	2009	Franklin Energy
	C & I	3	Small Business Direct Install	2011	Franklin Energy
		4	Education Services	2009	Franklin Energy (2015)
		5	Pilot Programs	2010	Franklin Energy (2015)
		Eval	Evaluation & Verification	2009	DNV-GL
		T 1	Residential Low Income	2009	Internally
		2	Efficient Lighting	2009	Internally
		3	Appliance Recycling	2009	Franklin Energy
	Residential	4	Efficient Appliances & HVAC	2009	Franklin Energy
		5	Residential Pilot Programs	2009	Internally
Croswell Light		6	Educational Services	2009	Internally
& Power		1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
	C & I	3	Small Business Direct Install	2009	Franklin Energy
	0 4 1	4	Education Services	2009	Internally
		Eval	Evaluation & Verification	2009	DNV-GL
		<u> </u> Eval	Evaluation a volinoation	2000	DIW OL
		1	Residential Low Income	2009	Franklin Energy (2015)
		2	Efficient Lighting Program	2009	Franklin Energy
		3	Appliance Recycling	2009	Franklin Energy
	Residential	4	Residential Education Services	2009	Franklin Energy (2015)
		5	Residential Pilot Programs	2010	Franklin Energy (2015)
		6	Residential Appliances & HVAC	2010	Franklin Energy
City of Eaton		7	Residential Home Energy Program	2012	Franklin Energy (2015)
Rapids		1	Prescriptive Incentive	2009	Franklin Energy
Rapids		2	Custom Incentive	2009	Franklin Energy
				2011	Franklin Energy
	_	3	ISMAII BUSINESS DIFECT INSTAIL		
	C & I	3	Small Business Direct Install Education Services		
	C & I	3 4 5	Education Services Pilot Programs	2009	Internally Internally

			MPPA Collaborative (continu	u ed)	
Utility	Sector		Program Type	Year Imp.	Implementation Contractors
		1	Residential Low Income	2009	Internally
		2	Efficient Lighting Program	2009	Franklin Energy
		3	Appliance Recycling	2009	Franklin Energy
	Residential	4	Residential Education Services	2009	Internally
	Residential	5	Residential Home Energy Program	2012	Internally
Grand Haven		6	Residential Appliances & HVAC	2010	Franklin Energy
Board of Light		7	Residential Multi-Family In-Unit Efficiency	2010	Franklin Energy (2015)
		8	Residential Pilot Programs	2010	Internally
& Power		1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
	C 0 I	3	Small Business Direct Install	2011	Franklin Energy
	C & I	4	Education Services	2009	Internally
		5	Pilot Programs	2010	Internally
		Eval	Evaluation & Verification	2009	DNV-GL
		•			
		1	Residential Low Income	2010	Franklin Energy (2015)
		2	Efficient Lighting Program	2009	Franklin Energy
	Residential	3	Appliance Recycling	2009	Franklin Energy
		4	Residential Education Services	2009	Franklin Energy (2015)
City of Hart		5	Residential Appliances & HVAC	2010	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
	0 4 1	4	Education Services	2009	Internally
		Eval	Evaluation & Verification	2009	DNV-GL
L		12.10.			15 02
	Residential	1	Residential Low Income	2009	Lakeshore Habitat for Humanity, Community Action House, Salvation Army, Ottawa County CAA
		2	Efficient Lighting Program	2009	Internally (2013)
		3	Appliance Recycling	2009	PADNOS (2015)
		4	Residential Multi-Family In-Unit Efficiency	2009	Internally
	residential	5	Residential Appliances & HVAC	2009	Internally & Franklin Energy
Holland Board		6	Home Energy	2012	Internally
of Public Works		7 8	Residential Education Services	2009	Internally, National Energy Foundation, Wes
			Residential Pilot Programs	2009	Internally, Ottawa County CAA
		1	Prescriptive Incentive Custom Incentive	2009	Internally (2015)
		3	Small Business Direct Install	_	Internally (2015)
	C & I	4		2011	Internally (2015)
			Education Services	2009	Internally
		5	Pilot Programs	2009	Internally
		Eval	Evaluation & Verification	2009	DNV-GL
I		1 1	Pacidontial Law Income	2000	Internally
		1	Residential Low Income	2009	Internally
		2	Efficient Lighting Program	2009	Internally
	Residential	3	Appliance Recycling	2009	Franklin Energy
		4	Residential Education Services	2009	Internally
1		5	Residential Appliances & HVAC	2010	Franklin Energy
Lowell Light		6	Residential Pilot Programs	2009	Internally
and Power		1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
	C & I	3	Small Business Direct Install	2011	Franklin Energy
	J W 1	4	Education Services	2009	Internally
		5	Pilot Programs	2009	Internally
		Eval	Evaluation & Verification	2009	DNV-GL

Utility	Sector		Program Type	Year Imp.	Implementation Contractors
	l	1	Residential Low Income	2010	Franklin Energy (2015)
		2	Efficient Lighting Program	2009	Franklin Energy
	Residential	3	Appliance Recycling	2009	Franklin Energy
		4	Residential Education Services	2009	Franklin Energy (2015)
Niles Utilities		5	Residential Appliances & HVAC	2009	Franklin Energy
Department		1	Prescriptive Incentive	2009	Franklin Energy
	0.01	2	Custom Incentive	2009	Franklin Energy
	C & I	3	Small Business Direct Install	2011	Franklin Energy
ļ		4 Eval	Education Services	2009	Franklin Energy (2015)
		Eval	Evaluation & Verification	2009	DNV-GL
		1	Residential Low Income	2009	Franklin Energy (2015)
ļ		2	Efficient Lighting Program	2009	Franklin Energy
	Residential	3	Appliance Recycling	2009	Franklin Energy
	1 COIGOTHIAI	4	Residential Multi-Family In-Unit Efficiency	2009	Franklin Energy
illage of Paw		5	Residential Education Services	2009	Franklin Energy (2015)
Paw		6	Residential Appliances & HVAC	2010	Franklin Energy
		1	Prescriptive Incentive	2009	Franklin Energy
ļ	0.01	2	Custom Incentive	2009	Franklin Energy
	C & I	3	Small Business Direct Install	2011	Franklin Energy
		4 Eval	Education Services Evaluation & Verification	2009 2009	Franklin Energy (2015) DNV-GL
		<u> </u> Lvai	Evaluation & verification	2003	DIAV-GE
		1	Residential Low Income	2009	Franklin Energy (2015)
		2	Efficient Lighting Program	2009	Franklin Energy
	Residential	3	Appliance Recycling	2009	Franklin Energy
ļ		4	Residential Education Services	2009	Franklin Energy (2015)
0'' (5	Residential Appliances & HVAC	2010	Franklin Energy
City of		6	Pilot Programs	2010	Franklin Energy (2015)
Petoskey		2	Prescriptive Incentive	2009	Franklin Energy
		3	Custom Incentive Small Business Direct Install	2009	Franklin Energy Franklin Energy
	C & I	4	Education Services	2011	Franklin Energy (2015)
		5	Pilot Programs	2010	Franklin Energy (2015)
		Eval	Evaluation & Verification	2009	DNV-GL
		1	Residential Low Income	2009	Franklin Energy (2015)
		2	Efficient Lighting Program	2009	Franklin Energy
	Residential	3	Appliance Recycling	2009	Franklin Energy
ortland Light		5	Residential Education Services	2009	Franklin Energy (2015)
and Power	_	1	Residential Appliances & HVAC Prescriptive Incentive	2010 2009	Franklin Energy Franklin Energy
Board		2	Custom Incentive	2009	Franklin Energy Franklin Energy
	C & I	3	Small Business Direct Install	2011	Franklin Energy
ļ	Cai	4	Education Services	2009	Franklin Energy (2015)
		Eval	Evaluation & Verification	2009	DNV-GL
		1210.			15.11 52
		1	Residential Low Income	2009	Franklin Energy (2015)
		2	Efficient Lighting Program	2009	Franklin Energy
	Residential	3	Appliance Recycling	2009	Franklin Energy
		4	Residential Education Services	2009	Franklin Energy (2015)
		5	Residential Appliances & HVAC	2010	Franklin Energy
City of Ct	<u> </u>	6 1	Residential Pilot Programs	2010	Internally Eropkin Energy
City of St.		. 1	Prescriptive Incentive	2009	Franklin Energy
City of St. Louis			Custom Incentive	2000	Franklin Energy
•		2	Custom Incentive	2009	Franklin Energy
•	C & I	2 3	Small Business Direct Install	2011	Franklin Energy
•	C & I	2			

			MPPA Collaborative (cont	inued)	ATTACHMENT A
Utility	Sector		Program Type	Year Imp.	Implementation Contractors
		1	Residential Low Income	2009	Franklin Energy (2015)
		2	Efficient Lighting Program	2009	Franklin Energy
	Residential	3	Residential Home Energy Program	2012	Internally
		4	Residential Education Services	2009	Franklin Energy (2015)
		5	Residential Appliances & HVAC	2010	Franklin Energy
City of Sturgis		1	Prescriptive Incentive	2009	Franklin Energy
		2	Custom Incentive	2009	Franklin Energy
	C & I	3	Small Business Direct Install	2011	Franklin Energy
	Odi	4	Pilot Programs	2010	Internally
		5	Education Services	2009	Franklin Energy (2015)
		Eval	Evaluation & Verification	2009	DNV-GL
		1	Residential Low Income	2009	Internally (2018)
		2	Efficient Lighting Program	2009	Internally (2018)
	Residential	3	Appliance Recycling	2009	Internally (2018)
	rtoolaoritiai	4	Residential Education Services	2009	Internally (2018)
Traverse City		5	Residential Appliances & HVAC	2009	Internally (2018)
Light and		6	Residential Pilot Programs	2009	Internally (2018)
Power		1	Prescriptive Incentive	2009	Internally (2018)
	C & I	2	Custom Incentive	2009	Internally (2018)
		3	Small Business Direct Install	2011	Internally (2018)
		4	Education Services	2009	Internally (2018)
		5	Pilot Programs	2009	Internally (2018)
		Eval	Evaluation & Verification	2009	DNV-GL
		1 4	To	1 0000	1
		1	Residential Low Income	2009	Internally
		2	Efficient Lighting Program	2009	Internally
	Residential	3	Appliance Recycling	2009	Franklin Energy
\\\\		4	Residential Education Services	2009	Internally
Wyandotte		5	Residential Pilot Programs	2009	Internally
Municipal Services		6	Residential Appliances & HVAC	2010	Franklin Energy
Services		2	Prescriptive Incentive Custom Incentive	2009 2009	Franklin Energy Franklin Energy
	C & I	3	Pilot Programs	2009	Internally
	CαI	4	Education Services	2009	Internally
		Eval	Evaluation & Verification	2009	DNV-GL
		⊏vai	Evaluation & Verification	2009	DNV-GL
		1	Residential Low Income	2009	Franklin Energy (2015)
		2	Efficient Lighting Program	2009	Franklin Energy (2015)
		3	Appliance Recycling	2009	Franklin Energy
	Residential	4	Residential Education Services	2010	Internally
Zeeland Board		5	Residential Appliances & HVAC	2009	Franklin Energy
of Public		6	Residential Pilot Programs	2009	Internally
Works		1	Prescriptive Incentive	2009	Franklin Energy
VVOING		2	Custom Incentive	2009	Franklin Energy
	C & I	3	Small Business Direct Install	2009	Franklin Energy
	C&I	4	Education Services	2009	Internally
		Eval	Evaluation & Verification	2009	DNV-GL
		⊏val	L-valuation & verification	2010	DINY-QL

MWh Data						
Electric Municipals		1.00%				
Liectric Muriicipais	2020 Target	2020 Actual	% Achieved	2021 Target		
Bay City Electric Light & Power	2,324	2,585	111%	2,401		
City of Charlevoix	530	232	44%	612		
Chelsea Electric Department	986	250	25%	986		
Village of Clinton	216	165	76%	216		
Coldwater Board of Public Utilities	3,644	1,387	38%	3,644		
Croswell Light & Power Department	420	240	57%	420		
Daggett Electric Department	16	16	100%	16		
City of Eaton Rapids	1,063	528	50%	1,063		
Escanaba Electric Department	1,451	1,537	106%	1,434		
Grand Haven Board of Light and Power	2,087	2,748	132%	2,087		
City of Hart Hydro Electric	514	180	35%	514		
Holland Board of Public Works	7,491	9,561	128%	7,491		
Lansing Board of Water & Light	19,904	23,405	118%	16,098		
Lowell Light and Power	581	795	137%	581		
Marquette Board of Light and Power	3,170	3,294	104%	3,134		
City of Marshall Electric Department	1,365	2,671	196%	718		
Newberry Water & Light Board	187	201	107%	185		
Niles Utilities Department	1,313	725	55%	1,313		
Village of Paw Paw	291	546	188%	291		
City of Petoskey	692	294	42%	692		
Portland Light and Power Board	252	355	141%	252		
Sebewaing Light & Water Dept.	268	271	101%	268		
South Haven Dept. of Public Works	1,439	1,552	108%	1,422		
City of St. Louis	248	265	107%	322		
City of Stephenson	67	71	106%	66		
City of Sturgis	1,922	1,981	103%	1,922		
Traverse City Light & Power	2,455	3,174	129%	2,455		
Union City	148	168	114%	139		
City of Wakefield	NO DATA AVAILABLE					
Wyandotte Municipal Services	1,529	262	17%	1,529		
Zeeland Board of Public Works	4,040	985	24%	4,040		

Actual 2020 Expenditures	Actual 2020 Evacaditures						
Actual 2020 Experialtures		Residential	Residential				
Electric Municipals	Total 2020	w/o Low	With Low	Commercial &		Admin &	
•		Income	Income	Industrial	Low Income	Eval	
Bay City Electric Light & Power	\$497,104	\$166,627	\$207,829	\$257,815	\$41,202	\$31,460	
City of Charlevoix	\$73,039	\$23,390	\$29,306	\$39,421	\$5,916	\$4,312	
Chelsea Electric Department	\$81,663	\$28,963	\$34,879	\$41,316	\$5,916	\$5,468	
Village of Clinton	\$8,085	\$2,369	\$2,615	\$3,170	\$246	\$2,300	
Coldwater Board of Public Utilities	\$191,600	\$24,679	\$34,984	\$60,780	\$10,305	\$95,836	
Croswell Light & Power Department	\$35,460	\$900	\$950	\$31,247	\$50	\$3,263	
Daggett Electric Department	\$3,140	\$1,889	\$1,985	\$688	\$96	\$467	
City of Eaton Rapids	\$113,417	\$40,142	\$44,318	\$64,710	\$4,176	\$4,389	
Escanaba Electric Department	\$212,180	\$65,146	\$70,762	\$132,785	\$5,616	\$8,633	
Grand Haven Board of Light and Power	\$413,266	\$140,000	\$150,339	\$237,592	\$10,339	\$25,335	
City of Hart Hydro Electric	\$37,891	\$9,896	\$11,636	\$22,667	\$1,740	\$3,588	
Holland Board of Public Works	\$814,682	\$218,610	\$249,275	\$498,738	\$30,665	\$66,669	
Lansing Board of Water & Light	\$4,332,448	\$1,021,996	\$1,289,145	\$2,535,744	\$267,149	\$507,559	
Lowell Light and Power	\$95,323	\$14,043	\$14,310	\$71,185	\$267	\$9,828	
Marquette Board of Light and Power	\$415,021	\$121,450	\$130,075	\$266,129	\$8,625	\$18,817	
City of Marshall Electric Department	\$109,182	\$9,850	\$11,453	\$82,436	\$1,603	\$15,293	
Newberry Water & Light Board	\$29,047	\$10,913	\$11,618	\$14,723	\$705	\$2,706	
Niles Utilities Department	\$163,124	\$72,849	\$80,099	\$75,925	\$7,250	\$7,100	
Village of Paw Paw	\$52,816	\$11,028	\$13,058	\$36,023	\$2,030	\$3,735	
City of Petoskey	\$89,880	\$44,464	\$49,684	\$33,986	\$5,220	\$6,210	
Portland Light and Power Board	\$49,546	\$17,434	\$22,944	\$23,203	\$5,510	\$3,399	
Sebewaing Light & Water Dept.	\$49,429	\$8,050	\$10,927	\$33,103	\$2,876	\$5,400	
South Haven Dept. of Public Works	\$228,025	\$105,564	\$111,329	\$107,136	\$5,765	\$9,560	
City of St. Louis	\$47,524	\$17,972	\$22,032	\$21,672	\$4,060	\$3,820	
City of Stephenson	\$11,822	\$3,603	\$4,035	\$6,357	\$432	\$1,430	
City of Sturgis	\$309,619	\$71,905	\$87,739	\$210,798	\$15,834	\$11,082	
Traverse City Light & Power	\$255,802	\$40,958	\$48,783	\$199,878	\$7,825	\$7,141	
Union City	\$14,163	\$5,252	\$5,365	\$5,373	\$113	\$3,425	
City of Wakefield	NO DATA AVAILABLE						
Wyandotte Municipal Services	\$78,108	\$20,000	\$25,728	\$39,510	\$5,728	\$12,870	
Zeeland Board of Public Works	\$273,192	\$50,943	\$54,307	\$207,467	\$3,364	\$11,418	

Energy Waste Reduction Administration and Residential Surcharges for 2020						
Electric Municipals	Docket No.	Administration 2020	EWR Residential Surcharge per \$/kWh or Per Meter			
Bay City Electric Light & Power	U-18282	MPPA	0.000825			
City of Charlevoix	U-18283	MPPA	\$0.00178			
Chelsea Department of Electric and Water	U-18284	MPPA	\$0.00100			
Village of Clinton	U-18285	Independently	\$0.00000			
Coldwater Board of Public Utilities	U-18286	Independently	\$0.00252			
Croswell Municipal Light & Power Department	U-18287	MPPA	\$0.00169			
Daggett Electric Department	U-18289	MECA	\$0.01280			
City of Eaton Rapids	U-18292	MPPA	\$0.00180			
Escanaba Electric Department	U-18293	MECA	\$0.00216			
Grand Haven Board of Light and Power	U-18295	MPPA	\$0.00000			
City of Hart Hydro Electric	U-18297	MPPA	\$0.00130			
Holland Board of Public Works	U-18299	MPPA	\$0.00175			
Lansing Board of Water & Light	U-18301	Independently	\$0.00410			
Lowell Light and Power	U-18302	MPPA	\$0.00163			
Marquette Board of Light and Power	U-18303	MECA	\$0.00171			
City of Marshall Electric Department	U-18304	Independently	\$0.00000			
Newberry Water & Light Board	U-18306	MECA	\$0.00137			
Niles Utilities Department	U-18307	MPPA	\$0.00000			
Village of Paw Paw	U-18309	MPPA	\$0.00120			
City of Petoskey	U-18310	MPPA	\$0.00182			
Portland Light and Power Board	U-18311	MPPA	\$0.00188			
Sebewaing Light & Water Dept.	U-18312	Independently	\$0.00174			
South Haven Dept. of Public Works	U-18313	MECA	\$0.00161			
City of St. Louis	U-18341	MPPA	\$0.00114			
City of Stephenson	U-18315	MECA	\$0.00225			
City of Sturgis	U-18316	MPPA	\$0.00191			
Traverse City Light & Power	U-18317	MPPA	\$0.00000			
Union City	U-18318	Independently	\$0.00090			
City of Wakefield	U-18319	Independently	\$0.00170			
Wyandotte Municipal Services	U-18320	MPPA	\$0.00197			
Zeeland Board of Public Works	U-18321	MPPA	\$0.50 Per Meter			