

June 2015

Dear Marshall City Electric Customer:

In October of 2008 the Michigan Legislature passed Public Act 295 which is referred to as the "Clean, Renewable and Efficient Energy Act". This Act aims to help Michigan residents reduce their energy needs and requires all Michigan electric utilities to file an annual summary to its customers. This report summarizes the City of Marshall's efforts for both Energy Optimization and Renewable Energy for 2014. After reading the report, if you have any questions, please visit our website at www.cityofmarshall.com or call us at 269.781.3985.

Christy Ramey
Purchasing Agent

2014 Annual Summary for Energy Optimization

The following report demonstrates the City of Marshall's commitment to helping out customers become more energy efficient. Our Energy Optimization (EO) program delivers real energy savings to customers, which directly impacts their electric utility bill. A copy of the complete 2014 report for the EO plan is available in the lobby of the Public Services Building or on our website at www.cityofmarshall.com.

Energy Optimization

The City of Marshall has taken the following action to comply with the EO standards:

- For our residential customers, we distributed LED bulbs to all electric customers and offered \$10 coupons to residents to redeem at local hardware stores towards the purchase of CFLs and/or LEDs.
- Marshall continues to offer incentives for a variety of energy efficiency improvements such as: lighting, appliances, air conditioners, etc. for residential, commercial and industrial customers (applications on our website).
- Also provided administrative structures to support all planned residential, commercial and industrial programs.

Marshall 2014 Energy Optimization Program Summary

Program Portfolio	2014 Revised Goals		2014 Actual		2014 Over/(under)	
	Gross First Year kWh Savings	Program Budget	Gross First Year kWh Savings	Program Budget	Gross First Year kWh Savings	Program Budget
Low Income Services	26,412	\$8,148	14,600	\$1,339	(11,812)	(\$6,809)
Residential Services	128,714	\$32,651	145,123	\$18,543	16,409	(\$14,108)
Educational Services	15,907	\$2,549	15,907	\$2,668	-	\$119
Subtotal - Residential Solutions	171,033	\$43,348	175,630	\$22,550	4,597	(\$20,798)
Business Services	559,447	\$108,737	564,662	\$49,506	5,215	(\$59,231)
Educational Services	15,907	\$2,549	15,907	\$958	-	(\$1,591)
Subtotal - Business Solutions	575,354	\$111,286	580,569	\$50,464	5,215	(\$60,822)
Total Program Portfolio	746,387	\$154,634	756,199	\$73,014	9,812	(\$81,620)
Program Administration		\$8,496		\$8,496		\$0
Evaluation (EM&V)		\$6,797		\$3,399		(\$3,398)
Subtotal - Admin/Evaluation		\$15,293		\$11,895		(\$3,398)
Projected Annual Totals	746,387	\$169,927	756,199	\$84,909	9,812	(\$85,018)

Renewable Energy

To complement the energy efficiency focus, PA 295 also requires the City of Marshall to acquire renewable energy, sometimes called “green” or “clean energy”. This state law requires electric utilities to have 10% renewable energy by 2015. The City of Marshall is meeting these goals by incorporating the following resources in our energy portfolio:

- Hydroelectric generating facilities located in the City of Marshall.
- Functionalized waste energy at the Endicott Generating station in Litchfield, MI.
- Hydroelectric generating facilities located on the Ohio River.
- Hydroelectric generating facilities located in Oconto Falls, Wisconsin and Menominee, MI.

Cost to Customers:

- The 2014 estimated itemized monthly charge for residential customers for the EO programs was \$0.57 (the City of Marshall does not currently levy a surcharge).
- The 2014 estimated itemized monthly charge for the Renewable Energy program requirements was \$0.063 (the City of Marshall does not currently levy a surcharge).
- The average electric residential customer is expected to save \$3.61 each month of the Energy Optimization program’s life.
- For the average Michigan residential customer, renewable energy is estimated to avoid \$3.08 per month of new coal-fired generation costs.
- The Michigan Public Service Commission’s annual report on Energy Optimization and Renewable Energy can be viewed at the following website: www.michigan.gov/mpsc