

Public Act 295: The Clean Renewable and Efficient Energy Act
2015 Annual Energy Optimization Report- City of Stephenson
MPSC Case Number U-17415

The City of Stephenson contracted with the Michigan Electric Cooperative Association (MECA) to administer the Energy Optimization efforts in order to comply with PA-295. The Michigan Municipal Electric Association (MMEA) filed a 4 year Energy Optimization plan with the MPSC on August 17, 2011 as required by PA 295. This EO plan was approved by the MPSC on May 24, 2012 and we began implementing our 2012 – 2015 EO Plan on January 1, 2012. The Wisconsin Energy Conservation Corporation (WECC) was selected to implement the Residential, Commercial Industrial Programs, and the Energy Optimization (EO) website www.michigan-energy.org. WECC has subcontracted with JACO, Michigan Energy Options, Franklin Energy, Morgan Marketing Partners, and Honeywell to assist with the implementation of the EO Programs.

The 2015 itemized monthly EO charge to a residential customer for implementing the Energy Optimization Program requirements was \$0.00128 per kWh. The 2015 itemized monthly charge to a residential customer for implementing the Renewable Energy program requirements was \$0.00171 per kWh. The average electric residential customer is expected to save \$4.04 each month of the Energy Optimization program life and \$3.15 in avoided costs per month for new coal fired generation costs.

In 2015 the City of Stephenson spent \$8,738 on Energy Optimization Programs and achieved 92 MWh of energy savings. The full report can be obtained at City Hall, on the City’s website at www.stephenson-mi.com, at www.michigan-energy.org or at <http://efile.mpsc.state.mi.us/efile/>.

Renewable Energy Plan Annual Summary

The City of Stephenson has taken the following actions to comply with the REP standards:

Filed a 20-year Renewable Energy Plan (REP) with the Michigan Public Service Commission (MPSC) on March 31, 2009 as required by PA 295. The REP was found to be in compliance on July 1, 2009.

The City of Stephenson acquired from renewable energy systems during the reporting period 659 megawatt hours of renewable energy. The City of Stephenson’s average renewable energy percentage for the 2015 reporting period was approximately 10.8%.

The table below shows the incremental cost of compliance for 2015 and the anticipated cost of compliance with state law PA 295 for 2016.

Renewable Energy Source	2015 Incremental Cost of Compliance	2016 Anticipated Cost of Compliance
Wisconsin Public Service	\$0.00	\$0.00

The 2015 itemized monthly charge for a residential customer for implementing the renewable energy program requirements under PA 295 was \$0.00.

Copies of the complete 2015 annual report for the Renewable Energy Plan are available at our office and on the City’s website: www.stephenson-mi.com.

The Michigan Public Service Commission’s annual report on renewable energy can be viewed at the following website: <http://www.michigan.gov/mpsc>