

2011 Annual Summary Report for the Energy optimization and Renewable Energy Plan

Pursuant to 2008 Public Act 295 (PA295) Sebewaing Light and Water is providing this annual summary for the Energy Optimization (EO) and Renewable Energy Plan (REP) for the calendar year 2011.

Energy Optimization Annual Summary

Section 97 (1) The Sebewaing Light & Water Department has taken the following actions to comply with the EO standards:

- *Filed a 4-year Energy Optimization plan with the MPSC on July 1, 2009.
- * This plan was approved by the MPSC on July 1, 2009.
- *Launched energy optimization plan for all customer classes in May.

Section 97 (2) (a) The number of energy optimization credits that Sebewaing Light and Water generated in 2011 in kilowatt hours (kWh), and expenditures made in 2011

(b) The expected future kilowatt hours (kWh) and expenditures for 2012 as required by state law PA 295, as shown in the table below:

Residential:

Program	EO Credits Generated		EO Expenditures	
	2011 Actual (kWh)	2012 Goal (kWh)	2011 Actual (\$)	2012 Budget (\$)
Low Income Services	38,498	6,182	\$6,072	\$4,852
Residential Programs	44,079	45,984	\$9,887	\$12,822
Educational Services	3,043	5,952	\$780	\$992
Pilot/Emerging Technology		13,976		\$2,694
Total	85,620	72,094	\$16,739	\$21,360

Commercial:

Program	EO Credits Generated		EO Expenditures	
	2011 Actual (kWh)	2012 Goal (kWh)	2011 Actual (\$)	2012 Budget (\$)
Comprehensive Business Solutions	212,107	223,210	\$25,879	\$36,389
Educational Services	3,043	5,952	\$780	\$992
Pilot/Emerging Technology	4,057	9,919	\$1,040	\$1,654
Total	219,207	239,081	\$27,699	\$39,035

The 2011 itemized monthly charge for a residential customer for implementing the energy optimization program as required under PA 295 was \$0.00174.

The average electric residential customer is expected to save \$4.93 each month of the energy optimization/efficiency program life.

For the average Michigan residential customer, renewable energy is estimated to avoid \$3.90 per month of new coal fired generation costs.

Section 97 (3) Sebewaing Light and Water will have available a copy of this 2011 report summary on its web site and put key points on customers' monthly bills which will be mailed out no later than July 5, 2012.

Section 71 (3) (i) Sebewaing Light and Water contracted with KEMA, an independent auditor, to verify the incremental gross energy savings for each EO program for 2011. KEMA has reported that Sebewaing Light and Water has met the majority of the energy savings requirements of PA 295 for 2011.

Renewable Energy Plan Annual Summary

Sebewaing Light and Water has taken the following actions to comply with the REP standards:

*Filed a 2-year Renewable Energy Plan with the Michigan Public Service Commission (MPSC) on June 30, 2010, as required by PA295.

*REC's were transferred to Sebewaing Light and Water from Detroit Edison during the reporting period of 2011. The REC's transferred were from vintage years 2009 and 2010.

*The REP was found to be in compliance.

Sebewaing Light and Water acquired from renewable energy systems during the reporting period 935 megawatt hours of renewable energy. Sebewaing Light and Water's average renewable energy percentage for the 2011 reporting period was approximately 0.00%.

The table below shows the incremental cost of compliance for 2011 and the anticipated cost of compliance with state law PA 295 for 2012.

Renewable Energy Source	2011 Incremental Cost of Compliance	2012 Anticipated Cost of Compliance
Detroit Edison	\$0.00	\$,5550

The 2011 itemized monthly charge for a residential customer for implementing the renewable energy program requirements under PA295 was \$0.00.

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