



2010 Annual Summary Report for the Energy Optimization (EO) and Renewable Energy Plan (REP)

Pursuant to 2008 Public Act 295 (PA 295), the City of Dowagiac Department of Public Services (Dowagiac DPS) is providing this annual summary for the Energy Optimization (EO) and Renewable Energy Plan (REP) for the calendar year 2010.

Copies of the complete 2010 annual reports for both the Energy Optimization and Renewable Energy Plan are available at our office and on the website: www.cityofdowagiac.com

Energy Optimization Annual Summary

Section 97 (1) The Dowagiac DPS has taken the following actions to comply with the EO standards:

- Filed a 4-year Energy Optimization plan with the Michigan Public Service Commission (MPSC) on March 31, 2009 as required by PA 295. This EO plan was approved by the MPSC on July 1, 2009.
- Launched energy optimization programs for all customer classes in November 2009.

Section 97 (2) (a) The number of energy optimization credits that the Dowagiac DPS generated in 2010 in kilowatt hours (kWh), and the (b) expenditures made in 2010 and expected future expenditures for 2011 as required by state law PA 295, are shown in the tables below:

Program	EO Credits Generated		EO Expenditures	
	2010 Actual (kWh)	2011 Goal (kWh)	2010 Actual (\$)	2011 Budget (\$)
Low Income	0	11,694	\$424	\$8,551
Residential	107,394	121,237	\$10,364	\$18,527
Business	413,391	409,724	\$44,151	\$72,933
Evaluation	NA	NA	\$2,230	\$3,400
Administration	NA	NA	\$1,830	\$4,250
TOTALS	520,785	542,655	\$58,999	\$107,661

Section 71 (3)(i) In December 2009 the Dowagiac DPS contracted with an independent auditor to verify the incremental gross energy savings for each EO program for 2009 and 2010. KEMA, Inc. has reported that the Dowagiac DPS has met the energy savings requirements of PA 295.

Renewable Energy Plan Annual Summary

Section 51. (1)

The Dowagiac DPS 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 Dowagiac DPS receives its power from AEP, the city's wholesale supplier. As part of its contract, the wholesale supplier provides all necessary Renewable Energy Credits to satisfy the city's requirements under the renewable energy section of PA295.

Out of a total retail sales of 72,334 MWh, the Dowagiac DPS acquired 0 megawatt hours of renewable energy from renewable energy systems. The Dowagiac DPS estimated average renewable energy percentage for the 2009 reporting period was approximately 0%. This is because the city relies on its wholesale supplier for renewable energy systems as noted above.

Section 45 (5)

(a) The 2010 itemized monthly charge for a residential customer for implementing the renewable energy program requirements under PA 295 was \$0. The total cost to the Dowagiac DPS was \$7,146, with an anticipated annual expenditure of \$7,360.

(b) The 2010 itemized charge for a residential customer for implementing the energy optimization program as required under PA 295 was \$0.0010 per kWh.

(c) The average electric residential customer is expected to save \$2.92 each month of the Energy Optimization/Efficiency program life.

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

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