

# Energy Management Plan

## Township of Hamilton

**From: 2014-01-01 to: 2018-12-31**

### Commitment

- **Declaration of Commitment:** We will allocate the necessary resources to develop and implement a strategic energy management plan that will reduce our energy consumption and its related environmental impact.
- **Vision:** We exercise stewardship in our use of finite energy resources to demonstrate leadership, optimize our delivery of services, and enhance the overall quality of life in our community.
- **Goals:** To continuously improve the energy efficiency of our facilities and processes in order to reduce our operating costs, our energy consumption and the concomitant greenhouse gas emissions.
- **Overall Target:** We will reduce our consumption of fuels and electricity in all municipal operations every year.
- **Objectives:** 1. Reduce greenhouse gas emissions and ensure the wise use of resources. 2. Demonstrate leadership within the community as to the commitment to energy management and investigation of new and emerging technology. 3. Continue discussions within the Corporation on energy management to be able to explore new ideas and trends.

### Organizational Understanding

- **Summary of Current Energy Consumption, Cost and GHGs:** The total annual energy consumption in municipal operations in 2011 was 2,025,297 eMWh, and GHG emission of 221,833 tonnes/year eCO<sub>2</sub>.
- **Renewable Energy Utilized or Planned:** The Township of Hamilton aspires to show leadership in the promotion and development of renewable energy systems that are compatible with our asset management and land use planning objectives.

### Resources Planning

- **Energy Leader:** We will form a team to hold responsibility for corporate energy management.

### Projects Execution

- **Municipal Level:** We will carry out the required development of business procedures and communication programs and implement them methodically according to the planned time lines within the resources constraints that apply.
- **Asset Level:** We use department and facility energy team representatives to facilitate the implementation of facility level business procedures and communication initiatives, including energy performance reporting.

### Review

- **Energy Plan Review:** We will review and evaluate our energy plan, revising and updating it as necessary, on an annual basis within our corporate planning process

### Evaluation Progress

- **Energy Consumption:** Due to increased activity at our locations, our overall energy consumption did increase between 2011 and 2012. At our locations that do not depend on activity levels, such as the Municipal Office, Public Works Garages and Pump Houses, the energy consumption decreased during this period.