



The Corporation of the Township of Huron-Kinloss

P.O. Box 130
21 Queen Street
Ripley, Ontario N0G 2R0

PHONE (519) 395-3735
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Energy Management Plan

Township of Huron-Kinloss

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

Commitment

- **Declaration of Commitment:** That the Township of Huron-Kinloss 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:** The Township of Huron-Kinloss will 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 greenhouse gas emissions.
- **Overall Target:** We will reduce our consumption of fuels and electricity in all municipal operations by an average of 1% per year between now and 2020.
- **Objectives:** 1. To implement energy audits on all municipal facilities during the next five years; 2. To reduce total energy consumption in municipal facilities, normalized to weather conditions, by 2% over the next three years; The following are the strategic objectives: The creation of a culture of conservation within the Corporation will serve to reduce Greenhouse gas emissions and ensure the wise use of resources. Fiscal accountability through savings and cost avoidance will lead to both direct and indirect savings. Demonstrate leadership within the Corporation and community as to the commitment to energy management and investigation of new and emerging technology. The integration of operational processes, facility based infrastructure improvements and staff awareness is critical to move the Corporation towards the goal of reducing GHG emissions and transition to a carbon neutral future.

Organizational Understanding

- **Summary of Current Energy Consumption, Cost and GHGs:** The total annual energy consumption in Municipal operations is 3717.31663 eMWh, at a cost of \$ 265, 000.00 per year and GHG emission of 492.00 tonnes/year eCO₂.
- **Renewable Energy Utilized or Planned:** The Municipality of Huron-Kinloss 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. As a result, we will investigate the potential to develop solar photovoltaic systems on the rooftops of all corporate facilities with south-facing roofs.

Structure Planning

- **Staffing requirements and duties:** We will incorporate energy efficiency into standard operating procedures and the knowledge requirements for operational jobs.

Resources Planning

- **Energy Leader:** The Township of Huron-Kinloss will clearly designate leadership and overall responsibility for corporate energy management.

Implementation Planning

- **Communication Programs:** We will develop a communication strategy that creates and sustains awareness of energy efficiency as a corporate priority among all employees, and conveys our commitment and progress to our stakeholders.



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Projects Execution

- **Municipal Level:** We will carry out the required development of 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:** Our energy consumption for electricity in 2012 was reduced to 5530 GJ from our 2011 levels of 7429.

Programs

Description	Facility	Contact	Date	Status
Education	Ripley-Huron Community Centre	Mike Fair, Director of Community Services	2014-01-24	Active
Details	During Monthly Department Meetings Brainstorm ideas to reduce energy consumption ie Turn off lights Different ways to conduct operations to reduce energy consumption			

Mike Fair

Director of Community Services

Township of Huron Kinloss