

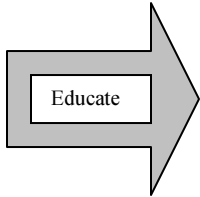


ENERGY CONSERVATION & DEMAND MANAGEMENT PLAN

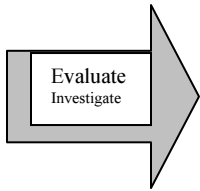
Town of Laurentian Hills
2014 – 2019

Regulation 397/11 requires public agencies to prepare, publish,
make available to the public and implement energy
conservation and demand management plans

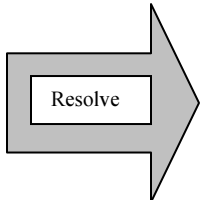
OBJECTIVES



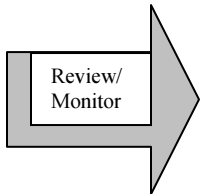
- Educate staff and volunteers so they are aware of energy usage



- Complete energy audits on two of the highest energy use buildings



- Make financially reasonable decisions to resolve problems in order to reduce greenhouse gas emissions and to reduce our energy footprint



- Review facilities each year to determine future projects and monitor completed projects

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:

The Town of Laurentian Hills will strive to continually reduce our total energy consumption and associated greenhouse gases through wise and efficient use of energy and resources.

Goals:

Our Energy Conservation and Demand Management Plan was completed to help us reduce the environmental impact of our operations, and reduce our municipal energy consumption.

Overall Target:

We will aim to reduce our consumption of fuels and electricity in all municipal operations by an average of 1% per year between now and 2018.

ORGANIZATIONAL UNDERSTANDING

Municipal Energy Situation:

Assessments of the organizational structure and current practices are required to track energy use, and costs. This data needs to be more prominent and used to identify opportunities for efficiency.

How We Manage Energy Today:

The management of energy consumption and the energy performance of our facilities and equipment are the responsibilities of Finance (cost management), Works Department (maintenance), and department managers (operations).

- **Renewable Energy Utilized or Planned:** The Town of Laurentian Hills aspires to show leadership in the promotion and development of renewable energy systems (natural sources such as sunlight, wind and geothermal heat) that are compatible with our asset management and land use planning objectives.
- **Strategic Planning:** As an integral component of the management structure, the energy management plan is to be coordinated with the municipality's budget planning process, preventative maintenance plans, and purchasing policy to incorporate energy efficient materials and equipment.

RESOURCES PLANNING

Energy Leader:

We will clearly designate leadership and overall responsibility for corporate energy management.

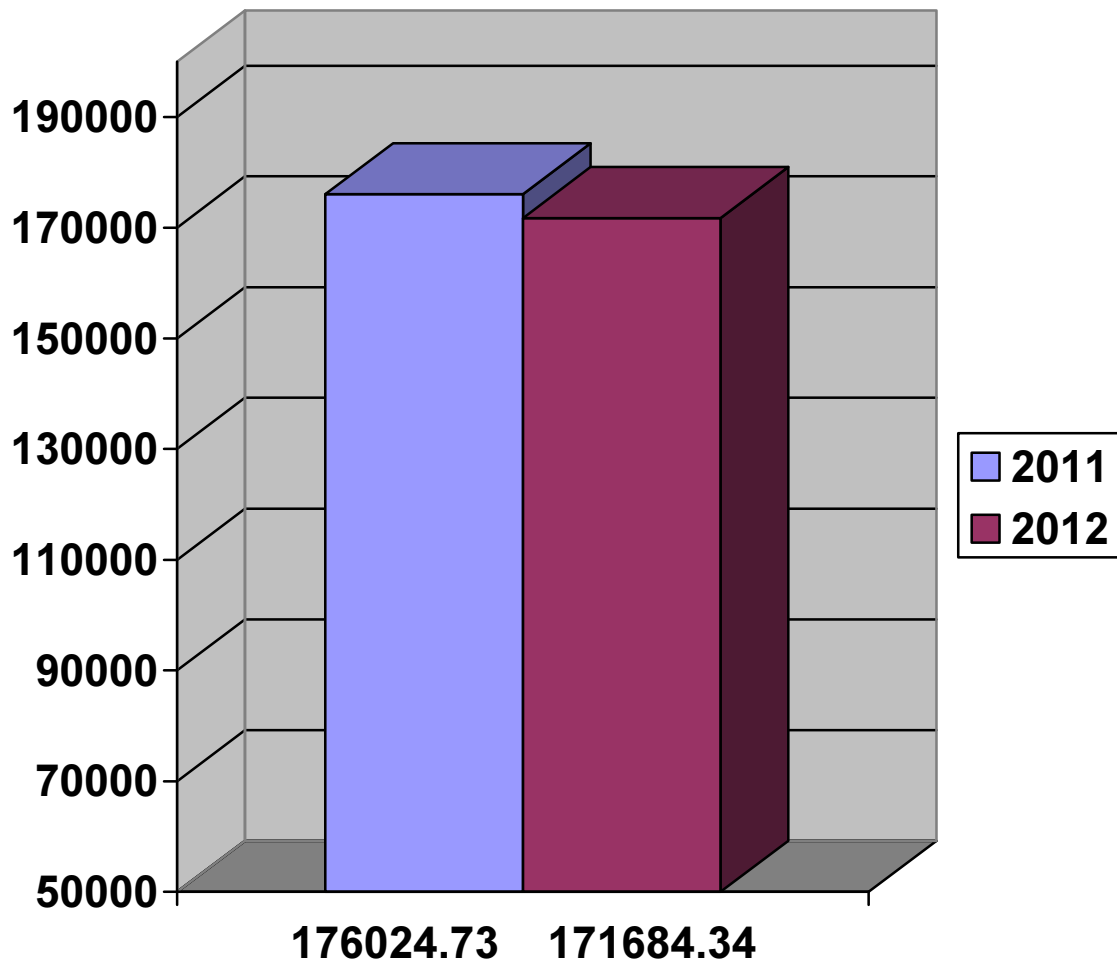
Energy Team:

The Town of Laurentian Hills is a small corporation. We will ensure that all staff is aware of energy efficient practices so that we can reduce our energy footprint.

IMPLEMENTATION PLAN

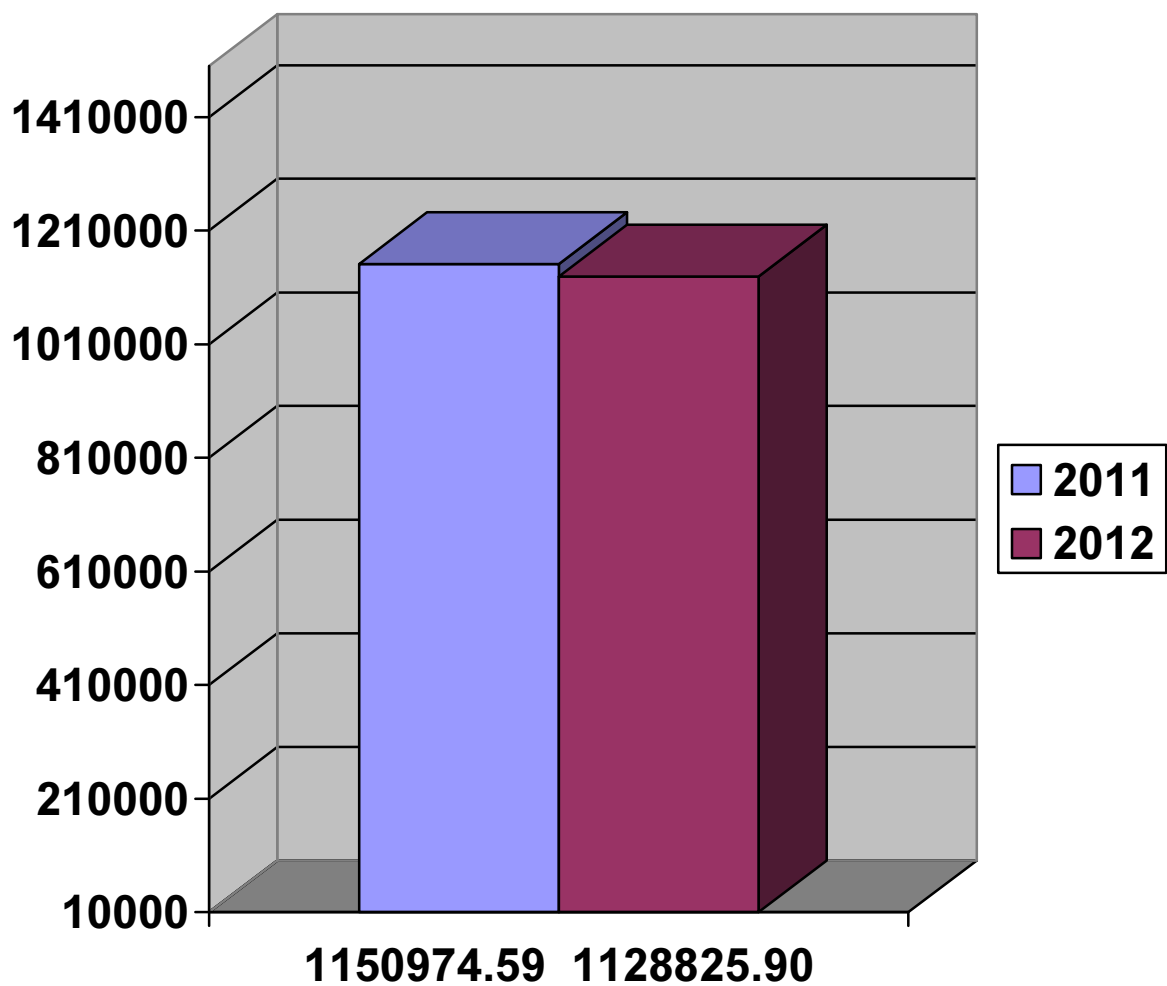
- Avoid phantom power draw. Turn off all electronic devices such as coffee makers, computers, printers and calculators at night and on weekends
- Ensure that thermostats are programmed to prevent excessive heating or cooling of the buildings at night and on weekends
- Investigate the potential energy savings with the LED Street Light Retrofit programs

GHG EMISSIONS FROM 2011 & 2012



Our GHG Emissions decreased by 4340.39 k/GHG (2.47%) from 2011 to 2012

ENERGY CONSUMPTION FROM 2011 & 2012



Our Energy Consumption decreased by 22148.69 ekWh (2.47%) from 2011 to 2012