

# CONSERVATION AND DEMAND MANAGEMENT PLAN

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For the Township of Nairn and Hyman  
(2014-2019)

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Prepared by: Robert Deschene, CAO Clerk  
Treasurer

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## Conservation and Demand Management Plan

### INTRODUCTION

The following document has been prepared for the Corporation of the Township of Nairn and Hyman to achieve compliance with Ontario Regulation 397/11 of the *Green Energy Act 2009*. Under this regulation municipalities and other public services bodies must prepare a five year plan on how they will conserve energy and optimize consumption patterns.

### BACKGROUND

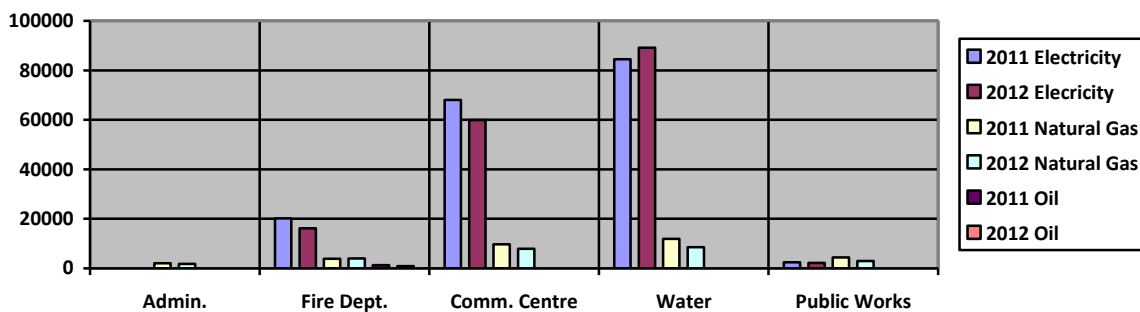
Nairn and Hyman Township is a small rural northern community with an overall size of 178.71 square kilometers, a year round population of 477 (2011 Stats Canada), and located just west of the city of Greater Sudbury, Ontario.

Established as a logging industry on the Spanish River, Nairn Centre is the core residential area. Although the Spanish River is no longer used for logging, the area still offers a wide range of recreational activities including fishing, boating, swimming, hunting, camping and several kilometres of scenic off-road trails.

The proximity of Nairn Centre to the mining and forestry industries surrounding the City of Greater Sudbury makes it an ideal location for those wishing to enjoy the benefits of an affordable rural atmosphere, within a short drive to employment opportunities.

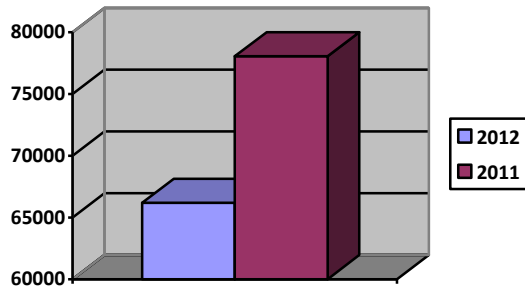
The Township operates with a staff of 7; a full-time CAO/Clerk-Treasurer, a full-time Municipal Superintendent, a part-time Office Manager, a part-time Administrative Assistant, and 3 permanent part-time Public Work employees and 17 volunteer fire personnel.

Energy Consumption by Department



## Conservation and Demand Management Plan

*GHG Emissions in KG*



In 2012 electricity consumption decreased for Administration, Community Centre, Water, Public Works and Fire Departments by 7,743 KWH less than 2011 values.

In 2012 the cost for electricity went up by \$1,158.62 for Administration, Community Centre, Water, Public Works and Fire Department even though consumption went down over the previous year.

Overall, in 2012, natural gas heating and furnace fuel consumption decreased. The cost for heating has dropped by \$411.38.

### **FIVE YEAR PLAN**

The Corporation of the Township of Nairn and Hyman has always exercised prudent financial practices and attempted to control electricity and fuel consumption. It is impossible for the Township to decrease its current consumption patterns as:

- a) Instituting a policy that reduces furnace fuel use will directly affect the health and well-being of staff.
- b) Decreasing electricity consumption would require a reduction in service level as the office would need to be closed.

In addition, it is impossible to determine cost savings directly correlated to decreased use with the fluctuating costs of fuel and electricity.

Over the next five years the Township will continue with current practices in order to control energy consumption.

We do not have the financial resources to react any differently at this time. Nor do we see any circumstances over the five year time frame of this plan that we will be successful in obtaining funding from the Province as only roads, bridges, and water treatment plants are considered critical infrastructure.