



In compliance to the Green Energy Act and O.Reg 397/11

Overview

In compliance with the Green Energy Act (Ontario Regulation 397/11), Bruyère Continuing Care is committed to reporting annual energy use and greenhouse gas (GHG) emissions. GHG is a gas in an atmosphere that absorbs and emits radiation within the thermal infrared range which is linked to cause "the greenhouse effect". Our goal is to continue to reduce our GHGs to positively impact our environment.

This report includes the results from the completion of the Ministry of Energy's (MOE) 2013 Energy Consumption and GHG Emissions template as well as other relevant energy information for all of the medical facilities operated by Bruyère Continuing Care.

Background

On January 1st, 2012 the Energy Conservation and Demand Management Plans Regulation (O.Reg. 397/11) came into effect. In 2013, public agencies are required to prepare and publish a summary of their 2011 energy consumption and greenhouse gas emissions. The regulation requires public agencies to report their energy usage and Greenhouse Gas (GHG) emissions on an annual basis and also develop a Five Year Energy Conservation and Demand Management Plan (CDM) by July 1, 2014.

By July 1, 2013 public agencies are required to submit:

- * Energy Consumption and GHG Emissions template using 2011 data

By July 1, 2014 public agencies are required to submit:

- * A Five Year Energy Conservation and Demand Management Plan (CDM)
- * Detailed costs and estimated savings for all proposed Energy Conservation Measures
- * Updated energy consumption and GHG Emissions
- * Benchmark facilities
- * Updated building characteristics
- * Option to report on previous energy conservation initiatives

In summary, an updated version of the Energy Consumption and GHG Emissions template must be submitted every year, on or before July 1, starting 2014. Completed CDM Plans are due July 1, 2014 and every five years thereafter.

Discussion

A first step in developing a CDM Plan is to establish baselines. As required by regulation 397/11, the initial baseline consists of 2011 energy consumption and GHG emissions information. The table below provides a Corporate Description of the facilities that are included in the Energy Consumption and GHG Emissions template that was completed for the Ministry of Energy with the energy consumption for January 2011 to December 2011. It is broken down by facility and then further subdivided by type of operational use (Administrative use or Hospital use). All long term care facilities are not included as they are not required to do so under the regulation. The table outlines the electricity as well as natural gas consumption and GHG emissions for each site. Using energy intensity as a variable will assist in the identification of opportunities for future energy efficiency and conservation initiatives.

Operation Name	Operation Type	Address	Area (m ²)	Electricity (kW/h)	Natural gas (m ³)	GHG Emissions (kg)
Saint-Vincent Hospital	Facilities used for hospital purposes	60 Cambridge Street N	24369.4	4,406,984.6	890,868.8	2,036,859.4
Saint-Vincent Hospital	Administrative offices and related facilities	60 Cambridge Street N	8808.5	1,592,938.9	322,011.5	736,238.8
Elisabeth Bruyère Hospital	Facilities used for hospital purposes	43 Bruyère Street	2618.2	521,985.4	116,919.8	262,810.5
Elisabeth Bruyère Hospital	Administrative offices and related facilities	43 Bruyère Street	22312.2	4,448,340.8	996,386.0	2,239,661.6
Elisabeth Bruyère Research Institute	Administrative offices and related facilities	43 Bruyère Street	1296.0	258,381.1	57,874.9	130,090.4
Elisabeth Bruyère Foundation	Administrative offices and related facilities	43 Bruyère Street	715.0	142,544.7	31,928.7	71,768.8

Summary

All of the work outlined above and the subsequent submission of Bruyère Continuing Care's 2013 Energy Consumption and GHG Emissions template ensures that Bruyère Continuing Care is in compliance with Regulation 397/11 and also helps position our organization to complete the 2014 CDM plan. The CDM plan will be a fundamental component of Bruyère Continuing Care's overall energy management strategy moving forward.