

## Reportable Energy Usage and Intensity

The Ontario Ministry of Energy recently introduced requirements for energy reporting for the broader public sector. Ontario Regulation 397/11 (O.Reg.397/11) under the *Green Energy Act, 2009* requires certain public agencies – Municipalities, Municipal Service Boards, Universities, Colleges and Hospitals – to report on their energy consumption and greenhouse gas (GHG) emissions annually beginning in 2013, and to develop and implement five-year energy conservation and demand management (CDM) plans starting in 2014.

O.Reg.397/11 *Energy Conservation and Demand Management Plans*, took effect on January 1, 2012. The requirements to be implemented in 2013 and 2014 are:

- By July 1, 2013: report to the Ministry of Energy on the organization's 2011 energy consumption data;
- Publicly post the organization's energy consumption and GHG emissions data annually starting with 2011; and
- By July 1, 2014: update annual energy consumption data (report for 2012) and develop and post a 5-year energy conservation and demand management plan

North Bay Regional Health Center (NBRHC) is committed to energy conservation through ongoing evaluation and management of energy usage. Initiatives to identify areas of potential energy reduction and cost savings through Energy Benchmarking and monitoring are in progress. These initiatives will help NBRHC and the Province of Ontario to achieve demand savings and GHG emission reduction targets. More information on the Ontario's Green Energy Act and O.Reg.397/11 can be found at <http://www.ene.gov.on.ca>

The Table below shows the reportable 2011 energy data related to facilities for which NBRHC is invoiced and pays the utility. NBRHC's Kirkwood Place facility located at 680 Kirkwood Drive in Sudbury, Ontario, is reported by Health Sciences North at <http://www.hsnsudbury.ca>

OPERATION NAME	OPERATION TYPE	ADDRESS	CITY	POSTAL CODE	TOTAL FLOOR AREA (m <sup>2</sup> )	AVERAGE HOURS/Wk	ELECTRICITY (kWh)	NATURAL GAS (m <sup>3</sup> )	GHG EMISSIONS (Kg)	ENERGY INTENSITY (GJ/m <sup>2</sup> ) <sup>*</sup>
North Bay Regional Health Centre <sup>1</sup>	Facilities used for hospital purposes	50 College Drive	North Bay	P1B 0A4	65,305	168	20,174,620	4,472,182	10,433,148	3.73
Nipissing Detoxification and Substance Abuse Program	Facilities used for hospital purposes	120 King Street West	North Bay	P1B 5Z7	2,185	168	316,030	23,334	75,100	0.93
Mental Health Clinic <sup>2</sup>	Facilities used for hospital purposes	120 King Street West	North Bay	P1B 5Z7	870	65	100,122	3,738	16,884	0.58
Regional Outreach Services <sup>3</sup>	Facilities used for hospital purposes	1164 Devonshire Avenue	North Bay	P1B 6X7	1,230	65	72,254	2,742	12,268	0.30

*Footnotes to the Table:*

1. NBRHC: The new Regional Health Centre was occupied in January 2011.
2. Mental Health Clinic: The existing programs occupied this new facility in July 2011.
3. Regional Outreach Services: The existing programs occupied this new facility in July 2011.

<sup>\*</sup>Energy Intensity: A measure of energy efficiency measured by the amount of energy consumed in GJ per square metre of floor space.