

Energy Conservation and Demand Management Plan 2014-2018

July 1

2014



Ontario Regulation 397/11 under the Green Energy Act requires public agencies, including municipalities, municipal service boards, school boards, universities, colleges and hospitals, to report their energy consumption and greenhouse gas (GHG) emissions and develop an Energy Conservation and Demand Management (ECDM) Plan to outline actions that will improve energy performance over a five-year period.

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The Ontario government has committed to help public agencies manage and understand their energy consumption. Ontario Regulation 397/11 under the Green Energy Act requires public agencies, including municipalities, municipal service boards, school boards, universities, colleges and hospitals, to report their energy consumption and greenhouse gas (GHG) emissions and develop an Energy Conservation and Demand Management (ECDM) Plan to outline actions that will improve energy performance over a five-year period.

The following ECDM Plan has been developed by Sault College to fulfill the Ministry requirement and support the College's ongoing energy management efforts. The purpose of the Plan is to help Sault College understand the impact of its operations on greenhouse gas emissions, educate the campus community, seek ideas and involvement, develop energy related strategies, policies and procedures, reduce greenhouse gas emissions and energy costs.

This Plan is considered a living document and will be reviewed and updated on an ongoing basis to ensure successful implementation over the next five years.

The ECDM Plan is designed to meet the current energy needs and obligations of Sault College. The Plan is intended to be a guide in the development of an energy management program and will evolve as the College's energy needs are better understood. Staff behaviours influence energy consumption. An improved understanding of the College's energy consumption will require improvements in awareness and management. Energy efficiencies will be integrated into Capital and Operational decisions at Sault College.

The College's approach to energy management is as follows:

- Education and awareness
- Minimize or eliminate waste
- Improve efficiencies
- Optimize energy supply
- Reporting and Benchmarking

Sault College's ECDM Plan's was designed to improve energy efficiency, reduce operating costs, and reduce our negative impact on the environment by reducing greenhouse gas emissions. These actions are to be carried out without adversely impacting the College's operations. All College staff will be integral to the success of this energy management plan.

Main Campus	Administrative offices and related facilities	443 Northern Ave.	Sault Ste. Marie, P6B 4J3	103,749	45	1,286,569	173,731	452,023	30.2			
Main Campus	Classrooms and related facilities	443 Northern Ave.	Sault Ste. Marie, P6B 4J3	127,170	45	1,577,008	212,951	554,067	30.2			
Main Campus	Laboratories	443 Northern Ave.	Sault Ste. Marie, P6B 4J3	166,422	45	2,063,764	278,679	725,082	30.2			
Main Campus	Student recreational facilities and athletic facilities	443 Northern Ave.	Sault Ste. Marie, P6B 4J3	33,661	60	417,423	56,367	146,658	30.2			
Main Campus	Library	443 Northern Ave.	Sault Ste. Marie, P6B 4J3	20,025	56	248,326	33,533	102,365	49.1			
Hangar 1	Laboratories	475 Airport Rd.	Sault Ste. Marie, P6A 5K6	12,608	45	95,703	49,282	40,212	22.6			
Hangar 2	Administrative offices and related facilities	475 Airport Rd.	Sault Ste. Marie, P6A 5K6	12,043	45	99,691	16,205	5,606	22.6			
Hangar 2	Classrooms and related facilities	475 Airport Rd.	Sault Ste. Marie, P6A 5K6	1,679	45	13,899	2,259	2,026,012	22.6			
Total				477,357		5,802,383	823,007					

