

CP&DMH Energy Management Plan

Under Ontario Regulation 397/11 of the Green Energy Act, the Carleton Place and District Memorial Hospital (CP&DMH) is required to submit an annual report of energy use and greenhouse gas emissions and an Energy Conservation and Demand Management Plan on or before July 1, 2014. The regulation requires that this plan be updated every five years.

O. Reg. 397/11

Summary of Annual Energy Consumption and Greenhouse Gas Emissions

Energy Consumption and Greenhouse Gas Emissions Reporting
Rapports de consommation d'énergie et d'émission de gaz à effet de serre

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Carleton Place and District Memorial Hospital Report

Title	Year	Start Date	End Date	Organization	Status	Item Total	Number of Non Processed	Number of Valid	Number of Invalid	Folder Name
Carleton Place and District Memorial Hospital	2012	1/1/2012	12/31/2012	Carleton Place and District Memorial Hospital	Finalized	2	0	2	0	Carleton Place Hospital

Executive Summary

This energy management plan is a five year plan covering the period from June 2013 to June 2018. The plan is based on a framework that consists of four strategies:

Organizational Commitment: a demonstrated commitment to reduce our environmental footprint through energy efficiency.

Identification and Planning: on-going analysis of opportunities to improve energy efficiency followed by implementation of action plans focused on set improvement targets.

Communication and Engagement: education of staff, patients, physicians and visitors to work together to reduce the consumption of energy.

Monitoring and Tracking: a reporting system to analyze energy consumption and costs and track performance against targets.

Energy Management Plan 13-14

Strategy	Objective	Target	Performance
Organizational Commitment	Hospital will demonstrate strategic commitment to Energy and Environmental conservation.	Board approval of organizational commitment under the Strategic Direction – a Strong, Sustainable Future	Approved as Strategic Objective, April 2013
Organizational Commitment	Create a 5-yr Green Team to develop and implement the Energy Management Plan, act on energy issues and provide support for the energy management plan.	Multidisciplinary Team formed consisting of CEO, Environmental Services Manager, Occupational Health Practitioner, Purchasing and Chief Nursing Officer	Terms of Reference for Team drafted March 2014
Identification and Planning	Install three new HVACs to reduce energy consumption and improve environmental comfort. Automated set-back on all units	Install HVAC in Emergency/OR by March 31, 2014	HVAC installation completed March 31, 2014
	Main pole – back parking lot changed to LED lighting	Oct 2013	Complete
	Laundry appliance conversion.	Convert electric dryer to gas	Completed March 14
Monitoring and Tracking	Ensure a robust tracking system to monitor progress against objectives.	June 2014	Spreadsheet tracking through finance office

Energy Management Plan 2014-15

Strategy	Objective	Target	Performance
Communication and Engagement	Plan and deliver a lunch 'n learn to staff on energy efficiency benefits and opportunities.	80% staff to attend Sept 2014	Engagement Staff Forum
Organizational Commitment	Develop a reporting process for presentation of utility consumption and the annual energy plan to the Board of Trustees.	Include Energy consumption reporting and monitoring through Resource Planning & Utilization Committee –Oct 14	Report presented to RPUC on October 22, 2014

Strategy	Objective	Target	Performance
Monitoring and Tracking	Revise the Terms of Reference for the Product Evaluation committee to ensure that energy conservation is built into and can be tracked through product evaluation.	Terms of Reference Revise product evaluation documentation.	Revised October 2014
Identification and planning	Replace computer desktops with thin clients. Leadership team assigned tablets to reduce paper agendas/ minutes.	15 units replaced. 10 tablets purchased and loaded.	April 2014 May 2014

Energy Plan 2015-16

Strategy	Objective	Target	Performance
Identification and Planning	Reduce amount of white paper going to landfill.	25% reduction of paper disposal	
Identification and Planning	Increase diversion of glass, cans, newspaper and cardboard from the waste stream. Explore opportunities to recycle hand hygiene dispenser inserts.	20% increase in recyclables All hand hygiene stations contain recyclable inserts March 2016	
Communication and Engagement	Develop and implement a strategy for on-going public information. Develop "turn-off and save" program for staff.	Include one media release and one feature in the safety newsletter on energy conservation annually. Lights and water taps	
Tracking and Monitoring	Continue to monitor and track savings against objectives.	March 2016	

Energy Plan 16-17

Strategy	Objective	Target	Performance
Identification and Planning	Continue to convert lighting to high efficiency lighting. Replace x-ray machine to energy efficient digital unit.	10% decrease in energy consumption Sept 2016	
Organizational Commitment	Include Green "Booth" at Health Fest.	500 visitors to attend booth May 2016	
Communication and Engagement	Host a Green Event on Earth Day.	Participation of 100% of staff working March 2017	
Monitoring and Tracking	Include Staff feedback re: energy opportunities on Safety Briefs. Continue to monitor and track savings against objectives.	Revise Safety Briefs Sept 2016 Project anticipated savings annually March 2017	

Energy Plan 2017-18

Strategy	Objective	Target	Performance
Organizational Commitment	Engage and work within regional procurement partnership to promote energy efficient purchasing.	Develop a strategy for communicating with vendors and purchasing groups. Identify opportunities for product disposal Oct 2017	
Communication and Engagement	Develop and foster relationships for the sharing of best practices in energy management.	Develop a Green network through the Champlain Alliance of Small Hospitals <i>Jan 2018</i>	