



Energy Conservation and Demand Plan

Almonte General Hospital, July 1 2014

Update: June 26, 2019

Ontario regulation 397/11 under the Green Energy Act 2009 requires hospitals to report on their energy consumption starting in 2013. Hospitals are also required to develop an Energy Conservation and Demand Management Plan by July 1, 2014.

The Almonte General Hospital is committed to developing strategies to reduce energy consumption and supports environmentally friendly initiatives. In support of the Green Energy Act the Almonte General Hospital has developed this five year Energy Conservation and Demand Plan. The hospital will continue to report on energy consumption and will update the plan annually.

Measures		Goals and Objectives	Year	Status Update	Comments
Organizational Measures	1	Work with the Ontario Power Authority and local Utility Provider to identify and explore potential energy saving program opportunities.	2014 2015	Achieved improved natural gas pricing through HealthPro/ECNG procurement contract	Reduction in the cost of electricity achieved through the HealthPro/ECNG energy management program starting 2018
	2	Work with local Utility Provider and other agencies to identify potential monetary incentive programs and funding sources for energy conservation projects	2014 2015	Submitted an application to the Ontario Green Hospital Champion Fund in 2012 requesting funding to support lighting retrofit project. Funding not approved.	Worked with the Ottawa River Power Corporation to secure rebates related to a replacement of an HVAC unit.
	3	Strengthen the Capital Project Planning process to include the examination of opportunities to improve energy efficiency	2016	Improvement in energy efficiency was incorporated into the scope of work specifications for both the hospital roof and window replacement projects.	Future capital planning will incorporate energy conservation planning. Roof system replacement completed on 1982 hospital wing included increasing the insulation value.
Behavioural Measures	1	Develop and implement an employee engagement program to solicit energy saving ideas from staff across the organization	2015 2016	Leaders encouraged to work with staff on an ongoing basis to reduce and conserve energy including turning off lights in non-patient areas.	
	2	Initiate the formation of a Green Committee to champion Green and Energy Conservation initiatives. This committee will also assist in the development and implementation of an Occupant Energy Awareness program.	2015 2016	"Green Champions" identified to support energy conservation initiatives.	VP Corporate Support Services and Lead Hand Engineering/Maintenance work with staff, tenants and contractors to support energy conservation initiatives.
Technical Measures	1	Explore opportunities for building systems and equipment re-commissioning to maximize performance and efficiency to reduce energy consumption.	2017	Energy Audit completed.	No significant opportunities identified.
	2	Explore opportunities for operating improvements during Peak Demand periods to reduce energy consumption.	2017	Completed.	Work in this area focused on improving HVAC energy consumption in the operating rooms, laundry and food service areas.
	3	Develop a lighting retrofit project and explore potential funding sources and incentives to support the capital investment.	2018	Application for funding in 2012 was denied.	Lighting retrofit project completed in specific hospital areas funded through the MOHLTC HEEP program.