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**To:** Whom it may concern

**From:** Kristine Morrissey

**Date:** June 24, 2014

**Subject:** Energy Conservation and Demand Management Plan

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### **Recommendation**

That the Energy Conservation and Demand Energy Management Plan, as prepared by VIP Energy Services, Inc. be used as a basis for required Province of Ontario reporting in response to the Green Energy Act, Ontario Regulation 397/11;

And that future energy conservation measures and sustainability initiatives as identified in in the Energy Conservation and Demand Management Plan be undertaken subject to the annual approval of capital and operating budgets and forecasts.

### **Summary**

The Energy Conservation and Demand Energy Management Plan fulfils the reporting requirements of the Green Energy Act, providing the College with a framework to support continued energy and sustainability initiatives within the built environment as well as operations and programs. The Plan further identifies opportunities for continued energy conservation measures and sustainability initiatives to build on existing plans and to further respond to policies identified in the *Strategic Business Plan 2009-2014*. Implementation of all initiatives will be subject to future budget approvals.

### **Background**

The Energy Conservation and Demand Energy Management Plan was undertaken to respond to the Green Energy Act. Ontario Regulation 397/11 made under the Green Energy Act, 2009 and published on August 25, 2011, requiring all public agencies to prepare an Energy Conservation and Demand Management Plan ("the CDM Plan").

### **Discussion**

The project has been overseen by a Steering Committee comprised of the following staff:



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Janneke Nicholls, Director Facilities Management  
Leo Vienneau, Senior Manager Facilities Management – (Interim Director)  
Guy Charron, Manager Maintenance & Building Services  
Greg Hall, VIP Services Inc.

The Environment, Conservation and Demand Energy Management Plan provides Cambrian College with a living document that will continue to evolve, and assist the College in meeting the requirements of the Green Energy Act and support various environmental and sustainability initiatives

To satisfy the first requirement of the Green Energy Act, energy consumption data for 2012 has been compiled and will be reported to the Province and published as required, meeting the July 1st 2013 deadline. These statistics provided baseline information for subsequent annual reporting analysis and serve as a reference point to assist guiding decisions regarding operational activities, behaviours and input into the capital planning program where applicable to improve efficiency and set energy consumption targets. The general facility overview is useful in understanding potential impacts based upon the age, use, type of structure and unique design attribute descriptions.

The second requirement of the Green Energy Act that requires a description of previous, current and proposed measures to reduce energy consumption has been completed one year ahead of the July 1, 2014 deadline, and will be updated every five years thereafter. Staff will continue working on implementing the plan's recommendations as timelines and resources are confirmed. Cambrian College will continue to work closely with local utility distribution companies and consultants to consider all opportunities for partnership initiatives.

References to facility improvements will be subject to future budget deliberations and will be assessed on a case-by-case basis to determine return on investment. This will also include a regular review of the status of these facilities in current and future inventories, to reflect surplus and disposition activity.

#### **Financial Impact**

There is no financial impact associated with this report. Cambrian College will consider implementation opportunities in future operating and capital budgets and forecasts.

#### **Alliance with Existing Strategies**



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The CDM plan has been developed to address the fiscal, societal, and environmental costs and risks associated with energy consumption. Proper energy management will allow Cambrian College to display leadership, improve the delivery of services, and enhance the overall quality of life within the community and campus.

Respectfully submitted,

A handwritten signature in blue ink, reading "Kristine Morrissey", written over a solid black horizontal line.

Kristine Morrissey, CPA, CA

Vice President, Finance and Administration

Attachment: Cambrian College Energy Conservation and Demand Management Plan 2014-2018