



District School Board of Niagara

Achieving Success Together

191 Carlton Street, St. Catharines, Ontario L2R 7P4 (905) 641-1550 Fax: (905) 685-8511

Report to: Warren Hoshizaki, Director of Education

From: Stacy Veld, Assistant Superintendent of Business

Date: June 26, 2014

Subject: Energy Conservation and Demand Management Plan

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").

The Energy Conservation and Demand Energy Management Plan fulfils the reporting requirements of the Green Energy Act, providing the School Board 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 School Board's **Strategic Plan**. Implementation of all initiatives will be subject to future budget approvals.

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

Bob Dunn, Manager of Projects and Maintenance Facility Services
Bert Poort, Facility Renewal Administrator
Elaine Vandenberg, Facility Services Financial Analyst
Greg Hall, VIP Energy Services, Inc.

The Energy Conservation and Demand Energy Management Plan provides the District School Board of Niagara with a living document that will continue to evolve, and assist the School Board 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 2011 has been compiled and will be reported to the Province and published on the District School Board of Niagara's website 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 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. District School Board of Niagara 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.

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

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

There is no financial impact associated with this report. The Board of Trustees and the Senior Management Team will consider recommended implementation opportunities in future operating and capital budgets and forecasts.

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 the District School Board of Niagara to display leadership, improve the delivery of services, and enhance the overall quality of life within the community and for the student services provided.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Stacy Veld", is written over a horizontal line.

Stacy Veld
Assistant Superintendent of Business