



To: Senior Administration

From: Isabel Grace, Superintendent of Business & Finance

c.c. Dave Moloney, Manager of Plant
Stephen Macphee, Manager of Purchasing, Planning and Facilities Administration

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

Date: June 26, 2014

Background

The Energy Conservation and Demand 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, requires all public agencies to prepare an Energy Conservation and Demand Management Plan ("the CDM Plan").

The CDM Plan attached to this memorandum fulfills the reporting requirements of the Green Energy Act, providing a framework to support continued energy and sustainability initiatives within the built environment as well as operations and programs. The CDM Plan further identifies opportunities for continued energy conservation measures and sustainability initiatives to build on existing processes. Further, the plan responds to the pillars identified in the Board's Strategic Priorities. Implementation of all initiatives will be subject to future budget approvals.

The project has been overseen by the following Team:

- Isabel Grace, Superintendent of Business and Finance
- Dave Moloney, Manager of Plant
- Bryan Howes, Mechanical/Electrical Supervisor
- Paul Van Brunt, VIP Energy Services, Inc.

The CDM Plan provides Peterborough Victoria Northumberland and Clarington Catholic District School Board with a living document that will continue to evolve.

To satisfy the first requirement of the Green Energy Act, energy consumption data for the 2011/12 fiscal period was compiled and reported to the Ministry of Energy for July 1, 2013. This information was also published on the PVNCCDSB website. These statistics provide baseline information for subsequent annual reporting analysis. In addition, the statistics serve as a reference point to assist in guiding decisions regarding operational activities, behaviours and

input into the capital planning program, where applicable, to improve efficiency and set energy consumption targets.

The second requirement of the Green Energy Act requires a description of previous, current and proposed measures to reduce energy consumption. This requirement has been completed for 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. The School Board staff will continue to work closely with local utility distribution companies and consultants to consider all opportunities for partnership initiatives and incentives.

Financial Impact

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

Alliance with Existing Strategies

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 Peterborough Victoria Northumberland and Clarington Catholic District School Board to display leadership, enhance the overall quality of life within the community and achieve our goals of improving our learning environments and impacting on student achievement.

Attachment: Peterborough, Victoria, Northumberland and Clarington Catholic District
School Board Energy Conservation and Demand Management Plan 2014-2018