

# Report to Council



**Date:** May 16, 2016  
**File:** 1825-03  
**To:** City Manager  
**From:** Martin Johansen, Manager Building Services  
**Subject:** Energy Specialist Program - Contract Extension

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## **Recommendation:**

THAT Council receives, for information, the report from the Manager, Building Services dated May 16, 2016 with respect to a one-year contract extension to the FortisBC Energy Specialist Program;

AND THAT the 2016 Financial Plan be amended to include \$60,000 in funding from the FortisBC Energy Specialist Program;

AND FURTHER THAT the 2016 Financial Plan be amended to include up to \$95,000 funded from the Energy Carbon Reserve to extend the Energy Specialist position.

## **Purpose:**

To approve a one-year contract extension of the FortisBC Energy Specialist Program to extend the Energy Specialist position.

## **Background:**

FortisBC has been working with the City since June 2015 providing \$60,000 in funding to support an Energy Specialist staff position for the City of Kelowna. A review of the program deliverables has confirmed results which demonstrate the value of the position from a financial perspective (Attachment 1). FortisBC is excited about the results and has approved a one-year contract extension to the Energy Specialist Program complete with \$60,000 in additional funding. The City has worked in collaboration with FortisBC to establish the following performance metrics to justify the program extension:

- GJ/year reduction goal - 2,500 GJ
- kWh/year reduction goal - 450,000kWh

Energy efficiency opportunities exist throughout the City's operations, however this is a large task and approving a one-year contract extension to the Energy Specialist position, to support the FortisBC Energy Specialist Program, will provide a dedicated resource to identify and implement those opportunities.

Benefits for Kelowna:

The Energy Specialist will continue to identify energy efficiency solutions, manage the implementation of energy saving projects, and recommend operational changes needed to adopt a structured energy management program.

The Energy Specialist will support the City to implement a sustainable, on-going, energy management program that ensures optimization of energy dollars while incorporating a culture of energy conservation. This dedicated resource will be accountable for:

- Managing the City's energy use.
- Developing energy efficiency and conservation measures complete with a business case.
- Implement and updating the Corporate Energy & Emissions Plan.
- Providing support for cultural change within the organization.
- Working with utility providers to identify rebate opportunities.
- Project management of energy conservation projects.
- Selection of environmental sustainability initiatives for new capital projects.
- Management of project commissioning, including measurement and verification of results.
- Annual reporting to Council.

To date, there is an annual savings of \$26,000 as a result of the Rutland Arena Heat Recovery Project. There are three (3) projects in progress (Cedar Creek Pump Station - new pump; Airport Parking Lot Lighting LED conversion; City Yards) which we have calculated an annual savings of \$38,500. We are currently working with the operator of the Capital News Centre replacing the lights with LED and expect an annual savings of \$42,500 (See attached for further details).

**Internal Circulation:**

Divisional Director, Civic Operations  
Divisional Director, Human Resources  
Director, Financial Services  
Financial Planning Manager

**Financial/Budgetary Considerations:**

Council approved an Energy Specialist 18-month term position at the 2015 Provisional budget on January 15, 2015 to be funded 100 per cent from the Energy Carbon Reserve. The extension of the Energy Specialist position to December 31 2017 is not part of the City's current Financial plan. The 2016 Financial plan will require an amendment of up to \$95,000 funded from the Energy Carbon Reserve and \$60,000 in additional funding from the FortisBC Energy Specialist Program. This brings the total funding from the FortisBC Energy Specialist program to \$120,000 which will offset the additional cost to extend this position.

**Considerations not applicable to this report:**

Existing Policy:

Legal/Statutory Authority:

Legal/Statutory Procedural Requirements:

Personnel Implications:

External Agency/Public Comments:

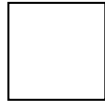
Communications Comments:

Alternate Recommendation

Submitted by:

Martin Johansen, Manager Building Services

**Approved for inclusion:**



J. Creron, Divisional Director, Civic Operations

cc: Divisional Director, Civic Operations  
Director, Financial Services