



City of
Courtenay

Corporate Facilities Energy Management Plan Grant Support

Infrastructure and Environmental Engineering
City of Courtenay
October 23, 2024 Council Meeting



Purpose

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1. Update Council on the Corporate Facilities Energy Management Plan
2. Seek support for grant applications

Project Overview

Corporate Facilities Energy Management Plan

- Strategy to reduce GHG emissions from City facilities to meet OCP and BC legislated emission reduction targets
- Informs the Corporate Climate Action Plan Update
- Prism Engineering Ltd. selected through RFP
- Develop prioritized building retrofit projects
- Improve efficiency, reduce consumption, and electrify systems

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Prism
ENGINEERING

Changing systems for a better world

Discussion

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- Currently funded by the provincial Local Government Climate Action Program
- This project is eligible for additional grants offered by the Federation of Canadian Municipalities, and BC Hydro.
- LGCAP funds could be reallocated to other climate action initiatives

Available Grant Funding

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- **Federation of Canadian Municipalities Green Municipal Fund:**

- 80% of costs up to \$200,000
- Integrate emissions and energy use reductions into long-term plans

- **BC Hydro Integrated Energy Audits:**

- 100% of costs up to \$100,000
- Identify best opportunities for energy efficiency and electrification



Financial Implications

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| | Total Fees (\$) | Funding Opportunity (%) | Funding Opportunity (\$) | Remaining Fees (\$) |
|--|------------------|-------------------------|--------------------------|---------------------|
| BC Hydro Integrated Energy Audits <i>(Level 1 energy assessments)</i> | \$51,240 | 100% | \$51,240 | \$0 |
| FCM's Green Municipal Fund <i>(Level 2 energy assessments)</i> | \$213,548 | 80% | \$170,838 | \$42,710 |
| Project Total | \$264,788 | - | \$222,078 | \$42,710 |

Options

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Motion 1: Federation of Canadian Municipalities

1. THAT Council direct staff to submit a full application to the Federation of Canadian Municipalities Green Municipal Fund to support the development of the Corporate Facilities Energy Management Plan.
2. THAT Council Provide alternative direction to staff.

Options

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Motion 2: BC Hydro

1. THAT Council direct staff to submit an application to BC Hydro's Integrated Energy Audit funding program, to support the development of the Corporate Facilities Energy Management Plan.
2. THAT Council Provide alternative direction to staff.