



## STAFF REPORT

**Title:** Municipal Climate Change Action Centre (MCCAC) Recreation Energy Conservation (REC) Program

**Meeting Date:** October 15, 2019

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### **Executive Summary:**

The T5 lighting for both the Imperial Oil Place and the Reid Field House has a life expectancy of five (5) years. These lights are beyond the life expectancy of which several lights are burned out and/or needing replacement. The tubes in these system should also be replaced together to provide uniformity.

Instead of the replacing the tubes (which will take significant effort and costs by contracted services due to accessibility issues), administration has moved forward to replace the light to a similar system that is found in the new rink.

In effort to reduce costs, administration made a quick application during the summer to recover capital costs via provincial grant funding. Municipal Climate Change Action Centre (MCCAC) Recreation Energy Conservation (REC) Program application forms are attached for the following projects (for reference purposes):

- Retrofit existing fluorescent light fixtures within the Energy Centre - Reid Fieldhouse with new LED lighting technology
- Retrofit existing fluorescent light fixtures within the Energy Centre - Imperial Oil Place Arena with new LED lighting technology

The City of Cold Lake has been approved for both applications under one (1) approval in the amount of \$148,899.75 which represents 75% of the costs. Administration has commenced with the new lighting system at Imperial Oil Place.

### **Background:**

The MCCAC is providing rebates for the installing of energy conservation measures (inclusive of LED lighting). The rebate of interest includes the lesser of 75% of pre-GST Energy Conservation Measure Costs or the amount required to reach 1 year simple payback maximum.

Each municipality is capped at \$750,000 over the lifespan of the program.

The City should see approximately \$15,000 in annual cost savings associated to energy and future costs associated to a limited five (5) year life expectancy for T5 lighting. The



longevity should be in the order of magnitude of 10 years. It should be noted that the cost to relamp the T5 lighting is in the order of magnitude of \$12,000 to \$15,000 per occurrence (Imperial Oil Place Only).

**Alternatives:**

No Alternatives are being depicted at this time.

**Recommended Action:**

The briefing note is for information only.

**Budget Implications (Yes or No):**

**Submitted by:**

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