



**FINANCE AND CIVIC DEVELOPMENT COMMITTEE**

*HIS WORSHIP, THE MAYOR  
AND COUNCILLORS*

**SUBJECT: ENERGY CONSERVATION PROJECTS**

**RECOMMENDATIONS:**

1. THAT Council approve expenditure of \$210,000 (inclusive of 5% GST) for seven energy conservation projects, as outlined in this report.
2. THAT Council allocate \$210,000 (inclusive of 5% GST) from the Gaming Funds Reserves to finance these projects.

**REPORT**

The Finance and Civic Development Committee, at its meeting held on 2009 June 25, received and adopted the *attached* report seeking Council's approval to undertake energy conservation projects at various locations. Sufficient Gaming Funds Reserves are available and these expenditures are included in the Energy Conservation component of the 2009 Annual Financial Plan.

Respectfully submitted,

Councillor D. Johnston  
Chair

Councillor N. Volkow  
Vice Chair

Councillor C. Jordan  
Member

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|---|
| Copied to: City Manager<br>Director Finance<br>Director Parks, Recr. & Cult. Services<br>Director Engineering |
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**TO:** CHAIR AND MEMBERS  
FINANCE AND CIVIC DEVELOPMENT  
COMMITTEE

**DATE:** 2009 June 16

**FROM:** DIRECTOR ENGINEERING

**FILE:** 4200 01

**SUBJECT:** ENERGY CONSERVATION PROJECTS

**PURPOSE:** To obtain approval from the Committee and Council to undertake energy conservation projects at various locations.

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**RECOMMENDATION:**

1. **THAT** the Committee recommend Council to:
  - a. approve expenditures of \$210,000 (inclusive of 5% GST) for seven energy conservation projects, as outlined in this report;
  - b. allocate \$210,000 (inclusive of 5% GST) from the Gaming Funds Reserves to finance these projects.

**REPORT**

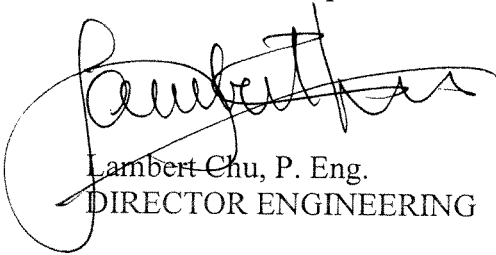
The 2009 Annual Financial Plan includes provision of \$210,000 (inclusive of 5% GST) for seven energy conservation projects to be funded from Gaming Funds Reserves. The proposed improvements would reduce energy consumption, green house gases, carbon tax and the lifecycle cost of HVAC equipment currently installed at various Parks and Recreation facilities throughout the City. Occupants would also benefit from the enhanced lighting and the comfort level in each building. Staff will pursue grant opportunities from the BC Hydro Power Smart rebate programs.

1. **McGill Library**  
Install additional electronic control hardware and software to reduce energy consumption on the heating and air conditioning systems.
2. **Confederation Centre**  
Install insulation around the ducts underneath the hall's crawlspace to reduce heat loss.
3. **Bonsor Recreation Centre and Pool**  
Replace the existing metal halide lamps with energy efficient lamps in the pool, lobby and gym areas.

To: Chair and Members, Environment Committee  
From: Director Engineering  
Re: Energy Conservation Projects  
2009 June 16 ..... Page 2

4. **Burnaby Sports Complex**  
Install motion sensors in the change-room areas to reduce the unnecessary lighting usage.
5. **Burnaby Lake Arena**  
Replace the existing metal halide lamps with more energy efficient lamps.
6. **Bill Copeland Arena**  
Redesign and replace the existing metal halide lamps with more energy efficient lamps.
7. **Kensington Arena**  
Replace the existing metal halide lamps with more energy efficient lamps.

To enable work to proceed in a timely manner, it is recommended that Committee and Council approve the allocation of \$210,000 (inclusive of 5% GST) to fund this project. Sufficient Gaming Funds Reserves are available and these expenditures are included in the Energy Conservation component of the 2009 Annual Financial Plan.



Lambert Chu, P. Eng.  
DIRECTOR ENGINEERING

AAS:br

Copied to: City Manager  
Director Finance  
Director Parks, Recreation and Cultural Services

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