



# University of Toronto

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OFFICE OF THE VICE PRESIDENT BUSINESS AFFAIRS

TO: Planning and Budget Committee

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DATE: November 17, 2005 for December 6, 2005

AGENDA ITEM: 9

## **ITEM IDENTIFICATION:**

### **Project Planning Committee for Energy Efficiency Project**

## **JURISDICTIONAL INFORMATION:**

Under the Policy on Capital Planning and Capital Projects, section 5.A. the membership and terms of reference of Project Committees shall be reported to the Planning and Budget Committee.

## **BACKGROUND INFORMATION:**

Over recent years, the St. George Campus of the University of Toronto has addressed serious problems concerning the cost of energy and infrastructure because of:

- volatile energy prices
- aging equipment that is inefficient, and increasingly unreliable
- new environmental legislation

Increases in the price of electricity of 30 per cent since deregulation in 2002, decommissioning of coal-fired generation plants, and the construction of new facilities on the campus which added approximately 20 per cent more space, have resulted in an ever increasing electricity budget .

Frequently, before proceeding with new construction and renovations, upgrades or renewal of existing infrastructure have to be identified. In many instances the renewal of outdated equipment and systems would also result in energy savings.

This Project Planning Committee will review existing external programs offering financial incentives to counter the effects of these trends, and make recommendations concerning specific initiatives that the University can implement.

## **PROPOSED COMMITTEE MEMBERSHIP:**

Mr. Ron Swail (Chair), Assistant Vice-President, Facilities and Services

Mr. Julian Binks, Manager, Project Planning, Capital Projects

Professor Phil Byer, Dept. of Civil Engineering, Faculty of Applied Science and Engineering

Mr. Chris Caners, Sustainability Office

Mr. Bruce Dodds, Director, Utilities and Building Operations, Facilities and Services

Mr. Farouk Kothdiwala, Environmental Project Manager, Facilities and Services

Mr. Matto Mildenerger, Student and Member of the Academic Board

Professor Beth Savan, Director, Sustainability Office

Mr. Demetrios Voudouris, Manager, Accounting Services, Financial Services

Ms Elizabeth Sisam, Assistant Vice-President, Space and Facilities Planning

## **Terms of Reference:**

The Project Planning Committee must address the following terms:

1. Review the existing situation and identify a program of renewal projects that will eliminate the liability associated with operating the St. George Campus's CFC chillers and remaining low-efficiency T-12 fluorescent lights.
2. Identify a schedule for the renewal projects.
3. Identify all resource implications, including a preliminary estimate of capital costs, and projected costs and savings to the annual operating budget
4. Identify available sources of incentive funding from external governmental agencies.
5. Identify a funding plan for the capital costs.
6. Report by February 7, 2006 or as soon as possible.

## **FINANCIAL AND/OR PLANNING IMPLICATIONS:**

N.A.

## **RECOMMENDATION:**

For information.