



**TO:** Planning and Budget Committee

**SPONSOR:** Cathy Riggall, Vice-President, Business Affairs

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**DATE:** May 2, 2011 for May 18 , 2011

**TITLE:** Project Planning Report for the Fuel Train on the St. George Campus

**JURISDICTIONAL INFORMATION: 5**

The Planning and Budget committee recommends to the Academic Board approval in principle of capital projects and infrastructure projects over \$2 million.

**BACKGROUND:**

The means by which fuel is fed to the five boilers in the Central Steam Plant on the St. George campus and the devices that control their operation do not meet the current Code as mandated by the Technical Standards and Safety Authority (TSSA). Continued operation of the plant requires a variance from the TSSA pending replacement of the existing fuel train and controls. Our plan is to complete the replacement of the non-compliant equipment over a three year period.

**HIGHLIGHTS**

The project will replace the components on a phased basis over three years so as not to interfere with the operation of the plant – three boilers in the first year, and one each in each of the next two years. As well, the controls will be replaced with up-to-date electronic controls as used successfully at other institutions. The work will be scheduled for the summer of each of the three years so as not to interfere with the supply of heat to campus buildings. All of the work is confined to the interior of the Central Steam Plant.

**SCHEDULE**

The project will take place over the next three summers.

**FUNDING SOURCES**

Funding is available in the Infrastructure renewal fund.

**RECOMMENDATION**

That the Planning and Budget Committee recommend to the Academic Board:

THAT the project to replace the fuel train and boiler controls at the Central Steam Plant on the St. George campus be approved, at a total cost not to exceed \$6.138 million, phased over three years with funding from the utilities infrastructure renewal fund.