



## FACILITIES SERVICES

Facilities Services

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STARS Technical Review Committee  
Association for the Advancement of Sustainability for Higher Education (AASHE)  
213 ½ N. Limestone, Lexington, KY 40507, USA

April 1, 2011

Dear Sir/Madam:

### **RE: Green Labs Pilot Program for South Science Building (SSB)**

Science buildings are the greatest users of energy on SFU's Burnaby campus, and the South Science Building (SSB) is the single highest energy consumer (by intensity) on campus.

Working within an overall goal of 'helping to achieve the University's 5-year goal of reducing total energy consumption by 2% year over year, we implemented retrofits to optimize energy performance (2009) in SSB. However, this building infrastructure work was largely invisible to building occupants and we wanted to engage them in the efforts to save energy. Therefore, in 2010/11, we launched a Green Labs energy conservation pilot program in SSB with the following objectives:

- \* Reduce energy consumption in the SSB building by 7% (2% minimum) by November 2011. This 7% energy reduction is for total energy which includes natural gas. The energy cost reduction will save the university \$16, 104
- \* Create a single mail list for the SSB (permanent occupants)
- \* Ensure energy conservation is part of the orientation process for new students, instructors and lab techs by November 2011 and materials are provided to enable this
- \* Where appropriate, review and revise employee job descriptions and standard operating procedures to include energy management (e.g., cleaning staff, security staff, purchasing RFPs, etc.)
- \* Develop energy conservation training and communication materials that can be used on a regular basis every semester
- \* Develop an SSB Energy Committee
- \* Provide SSB occupants with tools to assist them in their energy saving efforts

Part of this pilot program is the development of an energy conservation tool that provides occupants with a detailed breakdown of how much energy is used in their individual lab or office and identifies where they can assist in saving energy.

It is proposed that the energy savings achieved through this program will be reinvested back into the building and its system upgrades.

Yours truly,

**Simon Fraser University,**

**Sam Dahabieh**

Director, Facilities Services Operations

