

# student sustainability committee

university of illinois at urbana-champaign



May 6th, 2010

University of Illinois at Urbana-Champaign (UIUC)  
Student Sustainability Committee

Re: Request for funding from the UIUC Sustainability / Clean Energy Technology Fees  
Project: Occupancy Sensors  
Applicant: Eva Sweeney

Dear Eva:

On behalf of the Student Sustainability Committee for the University of Illinois at Urbana-Champaign, I would like to thank you for responding to our call for proposals to use funds raised by the student Clean Energy Technology and Sustainability Fees to implement a project that improves the sustainability of our campus. Each proposal was evaluated based on its sustainability impact (i.e. energy or sustainability impact, campus presence, project longevity, and budget) and broader impact (i.e. education and creativity).

The Committee is pleased to inform you that we are recommending to the Office of Sustainability that your project (to install occupancy sensors in classrooms, hallways, restrooms, lounges, and other public areas in twenty heavily used campus buildings) **receive \$50,000 in funding, with the following requirements:** 1) that areas selected for sensor installation be chosen on the basis of student contact hours 2) That the committee's support be prominently publicized on stickers installed with the sensors, 3) That Facilities and Services will look to minimize the usage of multiple sensors installed next to each other when economically practical, 4) That work will begin after June 1, 2010 and the installation be complete by December 1, 2010, 5) That remaining funding for the project will be obtained from DCEO Public Sector Electrical Efficiency Program and the Quick Payback Energy Conservation Fund, and 6) That all funds provided by the SSC be expended by December 1<sup>st</sup> 2010 and that a final report of all work completed and accounting of funds spent be provided to us by January 1<sup>st</sup> 2011. If you have any questions regarding these requirements, please contact us at [sustainability-committee@uiuc.edu](mailto:sustainability-committee@uiuc.edu)

The Committee will contact you when the Office of Sustainability officially approves this project. At that point, we will discuss the Committee's protocol for financial and progress management to complete this project, and make arrangements for transfer of funds. As previously discussed, semesterly updates and account statements describing how funds are being used will be required in addition to a final report on project completion.

Again, thank you for your interest in improving the sustainability of the University of Illinois at Urbana-Champaign. We look forward to working with you in the future.

Sincerely,

Suhail F. Barot  
UIUC Student Sustainability Committee, Chair

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**Project:** Occupancy Sensors

**Funding Source:** Sustainable Campus Environment Fee

**Funding Amount:** \$50,000

**Receiving Campus Unit:** Facilities & Services Engineering

**Unit Financial Officer:** Stacey Wisegarver

**E-mail:** swisegar@illinois.edu      **Phone:** (217) 265-4089

**Primary Contact Person:** Eva Sweeney

**E-mail:** eva@illinois.edu      **Phone:** (217) 333-2271

**Secondary Contact Person:** John Prince

**E-mail:** jmprince@illinois.edu      **Phone:** (217) 333-3227

## **Project Description:**

This proposal looks to install occupancy sensors in classrooms, hallways, restrooms, lounges, and other public areas in twenty heavily used campus buildings, chosen according to the number of student contact hours. This project will reduce energy usage by 30% in affected areas, saving the campus approximately \$18,000 per year in energy costs (based on a \$0.0689/kWh rate), and reduce emissions by nearly 440,000 lbs of CO<sub>2</sub> equivalent. This highly visible effort is expected to increase student and community awareness of the impact of reducing lighting usage. These sensors will serve as a lasting and permanent public statement of campus commitment to responsible sustainable behavior. Thus, the Student Sustainability Committee is in favor of funding the fully requested amount of \$50,000.

## **Student Sustainability Committee:**



Suhail Barot, 09-10 Committee Chair



Erin Harper, 09-10 Committee Vice-Chair

Date Approved: May 20, 2010

Date Approved: 06/01/10

## **Office of Sustainability:**



Richard Warner, Director, Office of Sustainability



Steve Sonka, Vice-Chancellor for Public Engagement

Date Approved: MAY 27 2010

Date Approved: 06/04/10