



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 CO2 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: _____

Office of Sustainability:

Richard Warner, Director, Office of Sustainability

Steve Sonka, Vice-Chancellor for Public Engagement

Date Approved: _____

Date Approved: _____