*Please submit this completed application and any relevant supporting documentation by the deadline listed on the SSC website to* *Sustainability-Committee@Illinois.edu**.The Working Group Chairs will be in contact with you regarding any questions about the application. If you have any questions about the application process, please contact the SSC Program Advisor, Micah Kenfield, at* *kenfield@illinois.edu*

# General Information

**Project Name:** Bevier Hall Occupancy Sensors

**Total Amount Requested from SSC:** $17,500

**Project Topic Area(s):** [x] Energy [x] Education [ ] Food & Waste

 [ ] Land [ ] Water [ ] Transportation

# Contact Information

Applicant Name: Bradley Klein

Unit/Department: Capital Programs/Utilities

Email Address: bradklei@illinois.edu

Phone Number: 217-300-3400

**Project Team**

|  |  |  |
| --- | --- | --- |
| **Name** | **Department** | **Email** |
| Bradley Klein | F&S/Capital Programs | bradklei@illinois.edu |
| Karl Helmink | F&S/Utilities | khelmink@illinois.edu |
|   |   |   |
|   |   |   |

# Project Information

Please provide a brief background of the project, the goals, and the desired outcomes:

Project Background: Bevier Hall currently has a number of spaces served by obsolete thermostat controls. While efforts to improve scheduling for heating and cooling have made improvements to energy consumption, the installation of occupancy sensors would improve the efficiency of the HVAC system, reducing energy use without sacrificing user comfort.

Project Goals: The goal of this project is to provide new occupancy sensors in 25 lab, classroom, and office spaces in Bevier Hall.

Desired Outcomes:

1. The heating and cooling system will be able to work more efficiently, eliminating the need to constantly provide conditioning for unoccupied spaces.
2. Individual spaces will have better temperature control, therefore improving occupant comfort.
3. Improved ccupant comfort will increase productivity and reduce sick days.

Please provide a brief summary of how students will be involved in the project:

Student offices are part of the areas to be served with new occupancy sensors.

Please provide a brief summary of the project timeline:

Once approved, the project will go into the design phase, lasting 2-3 months. Once the design is complete, in-house technicians will install the new sensors. Installation will take 1-2 months.

Additional comments

Academic achievement can be improved with this project by improving the comfort level in student spaces.