

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 at Sustainability-Committee@illinois.edu.

General Information

Project Name: Higher Efficiency Lighting (LED) in Illini Union Rooms 104 and 222

Total Amount Requested from SSC: \$46,000.00

Project Topic Area(s): Energy Education Food & Waste
 Land Water Transportation

Contact Information

Applicant Name: Hannah Price
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Project Team

Name	Department	Email
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Greg Mueller	Illini Union Board	gemuell2@illinois.edu

Project Information

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

The Illini Union currently has two rooms that are using very outdated lighting fixtures. This proposal is for room 104 and 222 of the Illini Union. Following an assessment of the light fixtures it was found that there would be a dramatic reduction in CO2 and unnecessary energy consumption by switching to LED lights. 40,488 kWh's a year would be saved by making the transition to LED light fixtures. As well as, 66,431 pounds of CO2 reduced-equal to the energy of 3.3 homes annually. The transition from outdated light fixtures would allow the Illini Union to conserve energy and work towards reducing the carbon footprint of the campus.

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

The Illini Union Board serves as a student led advisory board for the Illini Union. Students would be directly impacted by the work of this project. The organization actively uses room 222 as an office space and we often work long hours outside of the regular work day. Additionally, the Illini Union room 104 will serve as a dining hall while the ISR dining hall renovations take place. This will dramatically increase the usage of space and, in turn, the usage of wasteful light fixtures.

Please provide a brief summary of the project timeline:

The lights will be replaced in room 104 before the beginning of the 2018-2019 school year. The replacement in room 222 would follow the completion of room 104.

Additional comments

I would be more than happy to provide the information from the Energy Conservation and Retro-commissioning assessment that provided all figures in this proposal.