

View results

Respondent

8

Laney Collier

04:58

Time to complete

Instructions:

Please adhere to the session word counts. Project leads must attend one SSC working group meeting post step 1 application submission. If you have any questions about the application process, please contact the SSC at Sustainability-Committee@illinois.edu.

1. Have you attended a SSC working group meeting? *

☒ Yes☐ No

2. Project Name: *

Illini Lights Out

3. Total Funding Requested From the SSC. *

4000

Please enter a number less than or equal to 10000

4. Date of Application *

9/27/2023

5. Project Lead Full Name: *

Alayna Collier

6. Project Lead University Email Address *

alaynac2@illinois.edu

7. Project Abstract: (In less than 100 words, briefly describe the project.) *

iSEE's Illini Lights Out program aims to reduce the University of Illinois Urbana-Champaign energy usage. On Friday nights, volunteers are assigned groups to go to campus buildings and turn off as many lights as they can that otherwise would have been left on all weekend. These volunteers record the number of bulbs switched off and the project leader calculates the energy and money saved. Student volunteers learn how easy it is to make a positive environmental impact. We are seeking \$4000 to provide incentives for students to attend Illini Lights Out events for the next two years.

8. Project Category *

- ☐ Education & Justice
- ☒ Energy
- ☐ Food & Waste
- ☐ Land, Air & Water
- ☐ Transportation & Infrastructure

All rolling application require a faculty/staff advisor.

Faculty and Staff Advisor

9. Full Name: *

Miriam Keep

10. RSO/Department *

Institute for Sustainability, Energy, and Environment

11. University Email Address: *

keep2@illinois.edu

12. Do you have additional members? *

- ☐ Yes
- ☒ No

UIUC Financial Contact

Financial Contact (Must be full-time UIUC employee)

13. Full Name: *

14. RSO/Department *

15. University Email Address: *

Project Questionnaire:

16. Is this project student led? *

☒ Yes☐ No

17. If applicable, have you received approval from Facilities & Services and/or site manager? *

☐ Yes☐ No☒ N/A

18. If additional funding is required, do you have a plan for ongoing funding beyond SSC? (SSC cannot guarantee ongoing financial support) *

☒ Yes☐ No

19. Beyond SSC, do you have sources contributing funding or support (ex. staff time, external grants, etc.) to this project? *

☒ Yes☐ No

20. Have you applied for SSC funding previously? *

☒ Yes

☐ No

21. Project Timeline:

(SSC funding agreements remain active for two years. List your project's timeline and major milestones.) *

SPRING 2024

Illini Lights Out first planning Meeting (January)

ILO event 1 (January)

ILO event 2 (February)

ILO event 3 (March)

ILO event 4 (April)

ILO event 5 (May)

Semesterly Project Report (May)

Intern Transition Meeting (May)

FALL 2024

Illini Lights Out Staff Initial Meeting (August)

Illini Lights Out first planning Meeting (August)

ILO event 6 (September)

ILO event 7 (October)

ILO event 8 (October)

ILO event 9 (November)

ILO event 10 (December)

Semesterly Project Report (December)

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22. Project Description:

(In 250 words or less, describe your project. What does your project hope to accomplish? What are your project's deliverables?) *

Illini Lights Out addresses objectives 2.2 and 2.2.2 of the iCAP, or Illinois Climate Action Plan, to increase energy efficiency and reduce building-level energy. Illini Lights Out hopes to save energy while simultaneously engaging students in energy reduction efforts. Thousands of light bulbs are shut off at each event, saving the University money and reducing its carbon footprint. Data is collected at each event to show the program's success: number of student volunteers, number of lights shut off, energy saved, CO2 emission reductions, and money saved. These numbers are then sent out to the volunteers and posted to the iCAP portal so that everyone can see the strength of this program. Additionally, at this event, students will quickly learn that it's easy to make a positive environmental impact and everyone learns that teamwork can make a big impact.

23. Environmental Impact:

(In 200 words or less, how does your project increase environmental stewardship at UIUC? If applicable, what is the carbon, water, waste, and/or energy savings?) *

From the start of this program in 2016, 231,128 light bulbs have been turned off by volunteers through April 21, 2023. Additionally, 291 approximate tons of carbon dioxide equivalent have been saved through April 21, 2023. Lastly, approximately \$38,927 were saved in energy bills through that time period. This program directly promotes sustainable lifestyles and helps make campus more environmentally friendly. We also make it a priority to plug other environmental events to volunteers to open up other sustainable volunteering opportunities.

24. iCAP Objective Correspondence:

(In 200 words or less, does your project aim to advance one or more of the Illinois Climate Action Plan's (iCAP) objectives? If so, how?)

A full list can be found here: <https://icap.sustainability.illinois.edu/objectives>

As claimed on the iCAP page, "Energy is by far the largest contributor to the campus' emissions inventory... The 2020 iCAP calls for a 45 percent reduction in building energy use by FY30". Illini Lights Out is not only reducing energy emissions on select weekends throughout the year, but also gets the ball rolling for future projects. We hope that with the implementation of ILO, that the University decides to install automatic lights in classrooms to reduce emissions.

25. Student Impact:

(In 200 words or less, how will this project benefit students? How will students be involved with this project? What educational components are in your project?) *

Illini Lights Out directly teaches teamwork and how numbers can help us accomplish big things. For example we had nearly 1,500 volunteers, fully composed of UIUC students, in the school year 2022-2023. Illini Lights out also teaches about the importance of volunteering while also gaining a feeling of "doing good" for your community. With a quick speech at the beginning of every event, we emphasize environmental stewardship and why saving energy is important and easy! In this speech, we also teach students to tell apart different types of light fixtures which is a good life skill to have. On the leadership side of this, ILO is a fully student run project by iSEE interns. It teaches the lead intern to plan and execute events while other interns help out!

26. Please see attached file, please be very descriptive and fill out the budget and timeline Excel sheet, and submit it below.

<https://studentengagement.illinois.edu/student-sustainability/ssc/docs/SSC-Supplemental-Budget-Timeline.xlsx>

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FINAL-SSC-Supplemental-Budget-Timeline (versi Laney Collier.xlsx)