# *Thank you for your commitment to green initiatives at the University of Illinois. One of the final steps in completing the terms of the funding agreement for your project is the submission of a Final Report with key information about your project. You will also need to submit a detailed report of expenses (if you don't list it within this document) as well as supporting photos to showcase your project.*

# *Please be as accurate as possible in describing the project (including possible setbacks or challenges in meeting the initial goals of the project). Not fully meeting your project's goals will not disqualify you from making future funding requests as long as your reports are as complete and accurate as possible. If you have any questions, please contact the Student Sustainability Committee, at* [*sustainability-committee@illinois.edu*](mailto:sustainability-committee@illinois.edu)*.*

**Project Name:** An Energy Saving Demonstration for Remolding Old Structures at the ABE Farm

**Date of Report Submission:** 12/19/2019

**Project Purpose:**

This projects purpose was to help the University meet the iCAP goals of energy conservation in buildings through the replacement of 4 walk through doors and 17 windows. This saving will also help to ensure a quality and sustainable learning environment for our students.

**Project Summary:**

The development process was actually rather easy as during the winter primarily one could walk around and see snow blowing in under the doors since they were rusted out and feel the cold air blowing through and around the single pane glass windows.

**Summary of Project Expenditures:**

We were granted $19,000 and spent a total of $19,126.62. The overage of $126.62 was due to unexpected administrative fees charged by F&S in issuing the purchase orders to the vendors and will be moved to the farm account as to be in line with the allowed grant amount. Details and pictures are on the attachment.

**Problems/Challenges Encountered**

Overall the project went according to plan. The project was completed about 3 weeks later than expected due to the glass in two of the doors was scratched and had to be replaced before being installed.

**Problems/Challenges Encountered**

The only problem/setback was the scratched glass in two of the doors. I worked with the installing contractor who then worked with the supplier to remedy the problem in the fastest way possible. The problem was handled quickly and effectively.

**Student Involvement and Outreach to Date:**

There were several students that helped to address the problems and assist in the calculations to determine the effect to the environment. Through this exercise the students also assisted in calculating the anticipated energy savings.

**Marketing and Promotion Efforts to Date:**

We have recognized the project through the departmental Facebook page and other social media outlets. In addition we are advertising it on the monitors in the department and it will be featured in an upcoming departmental newsletter that go out to students and alumni.

**Additional Comments:**

The Agricultural and Biological Engineering Department and Farm cannot begin to thank SSC enough for their willingness to fund this important project. The positive results from this work will last for many, many years to come. This project and many others across campus would not happen without the assistance of SSC. The students of this great university should be proud of the work they are achieving not only for today’s students but the ones yet to come in the years ahead.

In addition to the above fields, please provide a detailed accounting of how the funding was spent as well as pictures of the final project in an email to [sustainability-committee@illinois.edu](mailto:sustainability-committee@illinois.edu). Thank you again for your commitment to sustainability.