# *Thank you for your commitment to green initiatives at the University of Illinois. One of the ongoing requirements listed in the terms of the funding agreement for your project is the submission of semesterly reports with key information about your project. In addition to this form, please provide additional financial documentation and/or progress photos if available.*

# *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 Micah Kenfield, Program Advisor for the Student Sustainability Committee, at* [*kenfield@illinois.edu*](mailto:kenfield@illinois.edu)*.*

**Project Name:** New ECE Building Project solar Panels

**Date of Report Submission:** 5/27/2015

**Project Purpose:**

The goal of this project is to fund the cost and installation of 300 solar panels out of a total 1200-panel system on the New ECE Building roof (the solar panel supports are already part of the roof). These panels, accessible from the fourth floor, will be used for student projects and as an energy source for the building's zero net energy status. They will provide about 25% of the 300 kW peak energy produced from panels on the New ECE Building's roof. These panels alone will produce about 360 kWh per day or about 131,490 kWh per year, measured on the dc side. Over a 40-year life span, this is 5,259,600 kWh. Together with a 1.2 MW (peak) solar array on the near-by North Parking Garage roof, the total 1,500 kW solar arrays will generate about 55% of the building's energy needs.

**Detailed Accounting of Expenditures to Date:**

Please see attached letter and files to the Illinois Department of Commerce and Economic Opportunity

**Project Progress to Date:**

Please see above and the following email from Paul Foote, Assistant to Morgan Johnston, dated May 27., 2015

Hi Morgan and Joyce,

I spoke with Molly Lunn, (Assistant director of DCEO Energy and Recycling) yesterday afternoon regarding the possibility of the state sweeping this fund for other uses and her reply was, “They have done it before” and she mentioned that she and Wayne Hartel will keep us posted as soon as they hear more on our grant.

I plan a follow-up as to status. I believe we should hear from them a week or so after the governor’s final budget is approved.

Thank you

Paul

**Student Involvement and Outreach to Date:**

Per Philip Krein on May 19, 2015: Alex Majerko, a student of his, presented a poster and gave a talk at the workshop on Microgrid Systems and Power Electronics for Low Energy Buildings, held on March 29-30, 2015 in the new ECE building. The ECE Department is now displaying a lot of the low-energy material they developed.

Obviously the contract is on hold, but the panels have been procured and should ship once we have agreement with the vendor.  Thanks.

Phil

**Marketing and Promotion Efforts to Date:**

What, if any, marketing and promotion efforts have you conducted so far?

**Additional Comments:**

At present we don’t know how much of the incurred expenses the State of Illinois will allow to be paid from their $249,999 grant, part of the total of $900,000 (This amount also includes the $225 from the SSC to fund solar panels on ECEB to be used for student research and projects.). When we know this amount (see above), we will be able to rebid the job of getting the purchased, but not yet delivered, solar panels installed on the roof of ECEB.