



Funding Award and Acceptance Letter

April 4, 2014

Project Leader: Dr. Philip Krein
Project Team: Philip Krein, Chair ECE New Building Committee
Project: New ECE Building Project Solar Panels

Re: Sustainable Campus Environment Fee – Award Recommendation

Dear Dr. Krein:

On behalf of the University of Illinois at Urbana-Champaign Student Sustainability Committee (SSC), I would like to thank you for considering the funds raised by the Sustainable Campus Environment Fee to implement a project that improves the sustainability of our campus. SSC is pleased to inform you that we are recommending to the Institute for Sustainability, Energy, and Environment (iSEE) that the New ECE Building Solar Panels project receives **\$225,000.00 in grant funding**.

In order to remain eligible for this award, you must agree to the following conditions:

1. All funds must be spent by December 31, 2015.
2. A final report of all work completed should be provided by January 31, 2016.
3. Project status updates and detailed account statements must be provided at the end of each semester until the project is completed.
4. Any substantial modifications to project scope, budget, or timeline must first be approved by SSC. These requests must be submitted in a formal letter to the Chair and Program Advisor.
5. All projects will be expected to follow campus policies and procedures as well as any applicable State and Federal laws.
6. SSC reserves the right to revoke funding if the project does not comply with the terms and conditions outlined in this letter.
7. Upon implementation, signage must educate the public about the project and its impact on campus.
8. Any signage involving the project or events surrounding this project should include SSC's logo and/or a statement of which fee funded the project.
9. Any press releases involving the project should acknowledge SSC funding.

If you agree to the terms and conditions for the funding, please sign on the designated line at the bottom of this letter. If you have any questions regarding these requirements please contact the Chair, Marika Nell, at nell2@illinois.edu or the Interim SSC Program Advisor & Student Programs & Activities Assistant Director, Dementro Powell, at dementro@illinois.edu. You will be notified when the Institute for Sustainability, Energy, and Environment officially approves this project. Again, thank you for your interest in improving the sustainability of the University of Illinois at Urbana-Champaign. We look forward to working with you in the future.

SSC Signatories

Marika Nell 4/4/14
Marika Nell
Chair, Student Sustainability Committee

Kathryn Kinley 4/4/14
Kathryn Kinley
Treasurer, Student Sustainability Committee

Awardee Signatory

Philip T. Krein 4/10/2014
Philip T. Krein
Department of Electrical and Computer Engineering

iSEE Signatory

Dr. Evan DeLucia
Dr. Evan DeLucia, Director
Institute for Sustainability, Energy, and Environment



Project Information

Project: New ECE Building Project Solar Panels

Funding Source: Energy Technologies Fee

Funding Amount: \$225,000.00

Award Code: 1-303692-933000-933265-933NEB

Receiving Campus Unit: Department of Electrical and Computer Engineering

Unit Financial Contact: Jeannette Beck, Assistant to the Head/Business Manager

E-mail: jbeck@illinois.edu **Phone:** (217) 333-9699

Primary Contact Person: Philip T. Krein

E-mail: Krein@illinois.edu **Phone:** (217) 333-4732

Project Description: The new Electrical and Computer Engineering building (New ECE building), which began construction on January 13, 2012 and will be operational starting the fall semester of 2014, will be a unique green building on the University of Illinois campus. It is designed to be the most energy efficient engineering building in the world and is targeting LEED platinum certification, the highest rating for efficiency. With the full planned solar energy complement, the building is projected to achieve net zero energy status. The facility will be the largest, or one of the two largest net-zero energy buildings in the United States. The contender for this ranking is the National Renewal Energy Laboratory in Golden, Colorado. The New ECE building will be sustainable, i.e., it will be a facility that supports all its own energy needs—on average over each year—leaving no carbon or fossil consumption footprint. Although the ECE building design itself is intended to achieve LEED Platinum certification, the energy objectives go far beyond this rating to true energy sustainability. It will be the first large structure in Illinois to target this type of sustainability. This is especially significant in a comprehensive combined classroom/research/office facility that includes, among many advanced features, an energy-intensive instructional clean room.