



Funding Award and Acceptance Letter

April 4, 2014

Project Leader: Derek Peterson
Project Team: Tanner Callahan, Brian Deal, Scott Pickard
Project: Allerton Park Solar Array-Phase II

Re: Cleaner Energy Technologies Fee – Award Recommendation

Dear Mr. Peterson:

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 Allerton Park Solar Array-Phase II project **receives \$22,768.00 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

Derek Peterson 4/8/14
Derek Peterson
Allerton Park and Retreat Center

iSEE Signatory

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



Project Information

Project: Allerton Park Solar Array-Phase II

Funding Source: Cleaner Energy Technologies Fee

Funding Amount: \$22,768.00

Award Code: 1-302571-550010-550025-550APS

Receiving Campus Unit: Allerton Park and Retreat Center

Unit Financial Contact: Tim Tracy, Allerton Park Business Manager

E-mail: ttracy@illinois.edu **Phone:** (217) 333-3287

Primary Contact Person: Derek Peterson

E-mail: depetrns@illinois.edu **Phone:** (217) 333-3287

Project Description: The University of Illinois' Allerton Park has proposed a bold and exciting plan for carbon neutrality and energy independence by 2035. The Plan promotes a 3-step process of energy conservation, changes in energy supply, and renewable energy generating facilities. Phase 1 of the solar plan has now been installed. This phase was working with a LINC class to construct a ground-mounted solar recharge array centrally and accessibly located near the Visitors' Center. The materials for phase 1 were purchased with support from the SSC and the solar facility has begun generating useful electricity for the Park. Phase 2 builds on the success of Phase 1 with the adjacent construction of an additional 60 panels. The design of the phase 2 array will utilize an innovative floating foundation system that will allow for portability of the array if necessary in the future. Each panel would provide 245 W of peak power and the total array would provide 14.7kW of peak power and a projected annual output of 14,653 kWh or about 15-20% of total apCAP solar goals. Power at the panel and array level will be monitored remotely and publicly viewable via an online dashboard which will display the impact of the solar power contribution in terms of energy equivalents: gallons of gasoline, light bills, tons of coal, barrels of crude oil, and planted trees.