



## STUDENT SUSTAINABILITY COMMITTEE

### Semesterly Report

*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 the Student Sustainability Committee, at [sustainability-committee@illinois.edu](mailto:sustainability-committee@illinois.edu).*

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**Project Name:** Gable Home - Permanent Location

**Date of Report Submission:** 10/4/2019

**Project Progress to Date:**

Construction of the site and permanent foundation was initiated in July 2019 after a long delay in finalizing the plans and issuing the work permits. Pictures attached show the construction of the foundation, the lift and setting of the solar house on the foundation, and the current state of the house.

Once the house was on the foundation, electrical services were connected, and we are currently finishing correction to code deficiencies identified by Facilities and Services electrical inspectors before the power can be finally turned on. Both inverters and the solar panels have been tested and verified ready to produce electricity that will feed back onto the campus electrical grid. As of October 3, 2019, electricity is finally flowing back onto the campus grid from the solar panels and automated monitoring of energy production and net balance will soon be following.

Plumbing and sanitary system work are still in progress with anticipation of completion this fall, 2019. Code deficiencies have been identified by the plumbing inspector that will need to be remedied before the house is considered occupiable. These repairs are generally minor and will be completed still within Fall 2019.

The final work to complete before winter is to secure the building envelope, insuring the house remains weather tight after the many months it was unoccupied and in storage. In the spring, new projects will commence on the outside decking, visitor approach ramps, and landscaping in order to complete this project. Efforts will begin to engage the Solar Decathlon RSO in

reestablishing the monitoring and control systems of the original house. Some will remain in the original format, and some will be better served in upgrading.

**Marketing and Promotion Efforts to Date:**

With the house now on a foundation and close to operational, it will soon be possible to include it as part of the tours that Energy Farm visitors can experience and expand our educational offerings. A press release will be timed with the completion of the construction project and opportunities offered to SSC and other student groups to visit at the opening.

Additionally, Student classes from Architecture have been able to visit the construction site this fall and observe firsthand the construction process from this project.

# Early Foundation Construction



# House Move Day onto Foundation



Final soil grading done prior to grass seeding



Exterior paint and siding repairs starting

