

CCSE Energy and Utilities Meeting Minutes

Date: Wednesday, April 9, 2014

Time: 2:00-3:00 p.m.

Location: Utilities Building (UTB), 1100 S Morgan St

Attendees:

Rob Roman

Vy Milunas

Dave Hofman

Cindy Klein-Banai

Mike Molnar

Mark May

Adali Ramirez

Shelby Egan

Discussion/ Things that have been established:

1. Updates on previous CCSE recommendations
 - a. Shadow Billing
 - i. The Energy and Utilities subcommittee has worked to help implement shadow billing. It is used to report energy usage back to each UIC college and administrative unit to heighten awareness of the real costs of energy utilization. Currently, the subcommittee is assisting to help make this program more robust through completion of a server room and appropriate hardware.
2. Green Energy Rooftop Lab
 - a. In this meeting, the subcommittee discussed progress on the proposed idea for a Green Energy Rooftop Lab. The White Paper, which was written by one of the co-chairs, has been distributed to a list of potentially interested academic professors. The subcommittee has identified that after engagement and marketing of this idea, a “planning workshop” would need to be put together. This idea would need to be presented to the VCAS and Provost after the scope was further developed. The subcommittee will be identifying the validation for need of this project, before moving forward.
3. Green Fee project proposal “Wind Flames”
 - a. The “Wind Flames” is a Green Fee project proposal submitted by an undergraduate engineering student for vertical wind turbines on campus. The Energy and Utilities subcommittee will be assisting this student with her project. The student has met with the appropriate subcommittee members, to gain assistance in writing the project proposal and identifying costs. The co-chairs of the subcommittee

will be writing her a letter of support. Her proposal is due on 4/18/14.

4. Chicago Energy Benchmarking Ordinance
 - a. The subcommittee discussed UIC's responsibility with the Chicago Energy Benchmarking Ordinance, which calls for existing municipal, commercial and residential buildings larger than 50,000 square feet to track whole-building energy use and to report to the City. The subcommittee identified which buildings have external meters, and where the student intern can gather the data needed to report.
5. Energy efficiency revolving fund
 - a. The subcommittee discussed the idea of an energy efficiency revolving fund. Revolving funds provide funding for campus projects that use energy efficiency services. The funds require an up-front seed fund, and the savings (or a portion of the savings) from efficiency projects are then placed back into the fund for new sustainability projects. It was discussed how to identify which amount of money gets put back into the fund, as many of the colleges and departments may be looking to gain the savings. A webinar with the Sustainable Endowments Institute will be set up to have a demonstration on a revolving funds tool, the Green Revolving Investment Tracking System (GRITS 1.0).

Things we are continuing to work on:

1. Assisting student on the Green Fee project proposal "Wind Flames"
 - a. Creating a letter of support
 - b. Assisting with project proposal, costs, and feasibility
2. Chicago Energy Benchmarking Ordinance
3. A webinar with the Sustainable Endowments Institute to learn about a tracking tool for green revolving funds