

## CCSE Energy and Utilities Meeting Notes

**Date:** Tuesday, October 21, 2014

**Time:** 3:00-4:00 p.m.

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

**Present:** Urszula, Rob Roman, Rob Rouzer, Cindy Klein-Banai, Bob Deja

### **Topics:**

1. Wind Turbine Study:

The only viable locations were athletic fields and university hall. The south end of the athletic fields was selected due to campus restrictions. The fixture will include a wind turbine and solar powered lights to be installed in the spring. Shawn Riley is project manager in OCP. This is being timed with Campus Recreation project to put artificial turf on those fields. Some consideration for protection for people running off field. Brian Cousins [bcuz@uic.edu](mailto:bcuz@uic.edu) Director of Campus Recreation to be in the loop. Can provide a live feed to the internet.

2. Energy Use and Green House Gas (GHG) Emissions:

Cindy handed out total energy table, UIC energy consumption Graph, and Scope 1 & 2 GHG emissions graph. She discussed about spring 2014 GHG Score Card, and also strategies to reduce GHG emissions, and strategies prioritization. Since 2004 energy consumption has reduced by 11% while the campus grew by 12% in square footage. Some of the factors that affect energy consumption in UIC include the weather (hot summer and brutal cold winter), heavy equipment such as fans and pumps that operate 24/7 yearly, and also absence of light controls in places like library and SCE, which requires the use of circuit breakers to turn off the lights. In the follow ups we will discuss further about the information related to energy consumption and metering research on all UIC building, ESCO project, quantitative efficiency of the plants, humidity control, and Co-Gen vs RECs purchasing.

3. Community Members Interview for Oberlin Project & Environment:

The Oberlin energy dashboard umanizes sustainability goals by showing numbers and what individuals can do to achieve them. Also include stories of what people are doing to be sustainable by adding screens that show people engaging in climate action and sustainable behaviors. There was interest in this approach of adding screens that show campus community doing these things. More information about Oberlin's project is here:

<https://docs.google.com/a/uic.edu/document/d/1KGAUZM2O36cm8meTY4sa15pxsRIYQYM4PZjKEv6miaaw/edit>

4. GRITS:

A tool that offers 30 day trial to track energy efficiency savings without a revolving fund. However the concern is that without a revolving fund the tool is not so useful anymore. We need to know the cost and savings such as energy rebates. Also we will need to ask general construction costs to be separate from energy-project related costs. Some possible sources to seed the fund were discussed including using the energy rebates and the campus R&R funds.