

CCSE Energy and Utilities Meeting Notes

Date: Tuesday, February 11, 2015

Time: 3:00-4:00pm

Location: Utilities building, 1100 S Morgan St, conference room

Present: Robert Roman, David Hofman, William Ryan, Robert Deja, Vytenis Milunas, Robert Rouzer, Katherine Yoshida, Raymond Truong, Mark May, Kelly Ting

Discussion:

1. Powerpoint Presentation by Hofman & Subcommittee Goal-settings

The purpose of the presentation was to lay out a roadmap to set quantifiable goals for the subcommittee. Hofman informed about the goal in UIC Climate Action Plan--reduce greenhouse gas (GHG) by 40% by 2030. He stated that the increase in UIC GHG emission was mainly driven by purchased electricity while Ryan said that the increase was not all related to consumption. Hofman proposed two set of subcommittee goals:

- A. Reduce every GHG emission source (purchased electricity, campus fleet, and others) by 50%. This means 3% reduction per year.
- B. Move away from purchased electricity fully to nuclear, solar, and wind energy. And reduce campus commuting emission by 50%.

Hofman said that comparatively, goal B is more costly; however, it is more focused—only focuses on commuting and purchased electricity. As for goal A, Hofman questioned if the practicality of the goal and how the subcommittee could meet the 3% reduction in every category per year. Hofman said that the same approach could be used on reducing energy consumption within the campus. Ryan said that on-site co-generation, although good for campus, actually leads to more energy consumption than it generates electricity. Hofman suggested that committee should focus on just 2 or 3 topics for goals and objectives.

Roman said that the subcommittee had done a great job, and that we should focus more on long-term goals. Also, Roman said that the decision on energy and utilities tend to be made within small group of people from higher management. It is therefore important to integrate the Office of Sustainability, capital program, utilities and facilities department, to work together towards achieving the goal. Campus leadership has to show huge

commitment, and the decision making process should be revised, so that decision is made based on what is really good for the campus, and not just money concerns.

2. Metering

In order to demonstrate metering progress in UIC campus, Deja had compiled all the information related to the metering in UIC buildings in a spreadsheet. He said that it only included the percentage of kilowatt that was measured by metering. Roman asked Deja to share the important metering information with Ting, so she could send it out to all other subcommittee members.

3. Water Audit Training

Illinois Green Economy Network (IGEN) had conducted a water audit webinar to train college faculty and staff to conduct water audit on their campuses. The water audit training involves field analysis of water flow in UIC. Everyone who attended the webinar was invited to a 2 day training on March 5th and 6th (class in the mornings and field experience in the evenings). UIC will send a water intern for the training, complete it, and then teach engineer students how to conduct water audit.

4. Action Items

- a. Milunas will send Ting an email about the 1 day forum on energy conservation and sustainability for her to send out to other members.
- b. Deja will send Ting an email on the important metering information for her to send out to other members.
- c. Roman asked Raymond to talk to Fernando's (FIM/Space planning) group to ask about the per square feet consumption on campus.

5. Announcements

- a. The next subcommittee meeting is on March 10th, 3-4pm, at Utilities building, 1100 S Morgan St, conference room.
- b. The next CCSE co-chairs meeting is on March 20th, 3-4pm.