

CCSE Energy and Utilities Meeting Minutes

Date: March 10, 2015 (Tuesday)

Time: 3:00-4:00pm

Location: Utilities Building, 1100 S Morgan St, Conference Room

Present: Robert Roman, David Hofman, Mike Molnar, Cindy Klein-Banai, Mark May, Steven Tinney, Kush Thakkar, Raymond Truong, Kelly Ting

Topics:

1. Renewable Energy Task Force
Report on the analysis of the three plans for renewable energy will take 4 to 6 weeks to complete.
2. Energy Efficiency Performance Measure
 - Campus energy projects lead to energy savings, but we still need to identify more strategic ways of saving energy and measuring the energy efficiency performance on campus. Currently we do not have metering data for all the buildings on campus to be used as baseline comparison data.
 - Molnar suggested the committee to use an energy model to obtain baseline data for future monitoring purposes. E.g. should we fix or replace the window in University Hall for energy savings? Office of Capital Program has been sending out project notifications for to directors of utilities and sustainability. The subcommittee should take advantage of these available information, evaluate projects from early on, and use energy model for buildings to determine the cost of the projects. E.g. bigger projects should get a full building assessment so that the data can be used to project other projects.
3. Design Review Process
Vytenis Milunas is working on a procedure to execute design work. It was recommended to include sustainability and Klein-Banai was proposed to be the representative of Office of Sustainability to look at the policy.
4. Metering
New building meters continue to replace old building meters. We are not certain how calibrated these meters are and how much building electricity is actually measured using the new meter. The group would like to propose to the Chancellor to establish a system that provides reward and recognition to building or project that has the most energy saving.
5. Energy Dashboard
Dashboard installation should be expanded in the campus for increased accessibility by the students. The real time energy information in dashboard can help promote energy awareness and encourage savings.
6. Water Audit

Illinois Green Economy Network and Illinois Sustainability Technology Center hosted water audit training where two experts taught the attendees ways to save water. A spreadsheet listed activities that use water and also estimate water usage using population data. This summer we will get some interns to do water audit and data collecting. This should help us identify the buildings that use the most water per capita and sq foot.

7. Wind Turbine Student Project

The wind towers were purchased and are expected to be installed in April on the South field.

8. ACTB project

The project is at 100% design continuing. It is in the governor's office for review.

9. Others:

- Stephen Tinney presented his final project
- Earth Hour is on March 28, and UIC should encourage more participation
- Hofman made correction to his powerpoint presentation: the overall expected GHG reduction per year should be 4% reduction in order to meet the Climate Action Plan goal.