

CCSE Energy and Utilities Subcommittee Meeting Minutes

Date: April 21, 2015 (Tuesday)

Time: 3:00-4:00pm

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

Present: Robert Roman, David Hofman, Cynthia Klein-Banai, Robert Rouzer, William Ryan, Vytenis Milunas, Robert Deja, Mark May, Kush Thakkar, Paula Debkowska, Kelly Ting

Discussion:

1. CCSE Meet-n-Greet with Chancellor Amiridis:
 - When: June 18, 2015, from 2-4 pm, at University Hall (601 S Morgan St), Room 2750
 - Present: subcommittee work to date & goals for FY2015-FY2020
 - Presentation format: PowerPoint. **Task:** Kelly Ting to create template.
 - Others:

The GHG reduction mission was committed by the previous Chancellor. The subcommittee should make known to Chancellor Amiridis about the challenges faced in reducing campus GHG. Any decision on campus may have multifaceted impact on sustainability. E.g. by increasing international students enrollment, it increases the occupancy rate of residence hall, increases the amount of energy used and waste generated. Campus decisions should always take into account the sustainability impact. Klein-Banai shared the energy goals in the ‘Sustainability strategic thinking’ document, and suggested that subcommittee should collaborate to help campus reach these goals related to campus energy practices.
2. Subcommittee work to date:
 - i. Dashboard: insert photos of where the dashboards are located. Use animation
 - ii. Energy retrofit: list buildings that sponsored the projects and are retrofitted (Vy)
 - iii. Renewable energy purchase: list strategies
 - iv. Wind turbine: insert photos
 - v. Steam system project
 - vi. Green revolving fund was discussed as a means to finance more energy efficiency projects
 - vii. Current recommendations
3. Subcommittee Goals and Metrics:
 - i. Reduce GHG emission related to building operation by 4% per year over the next five years
Sub goals include:
 - a) Reduce source energy consumption per square foot/meter of floor area by 3-5% per year

- b) Improve energy efficiency measures on campus
 - c) Achieve net zero energy buildings for all new buildings on campus
 - d) Increase purchase of renewable energy on campus by 4% per year
 - e) Include metrics of energy efficiency and energy consumption in the campus building assessment process
- ii. Create database of campus energy efficiency projects to track energy savings
 - iii. Complete campus water consumption assessment and establish goals for water consumption reduction once the assessment is complete
4. Smart Grid Interns Update:
All interns are all placed in the partnering community organizations of UIC. Office of Sustainability may offer one more intern position for students in the summer. The first educational event for Smart Grid is in EcoJAM.
5. General Update:
- 'Wind Flames' by Ursula Malczewski: Project is still in progress. The estimated project delivery date is mid to late May.
 - Energy Dashboard: Server is currently been updated to handle more traffic
 - Active Chilled Beams speaking event: April 27, 2015 from 5:30-6:30 pm at AIA Chicago Office. Detailed info is sent out via email by Ting.
 - Subcommittee should think of collaborating with the CCSE Events and Activities in outreach events and start thinking about possible ideas e.g. energy outreach events, energy tour opportunity on campus, etc.