

Attendees: Jason Wyckoff, Yara Watson, Hannah Hollinger, Rob Vieira, Jim Fenton, David Norvell, Tran Huynh, Muthusamy Swami, Curt Wade, Alex Parlato, Ian Rea

Student Liaisons: Indira Avendano, Torre Ippolito

Updates:

- Information about percentage of extraneous plug loads in UCF buildings has been updated by Tran.
- Methods were implemented to optimize maintenance of buildings that are extending their hours.
- Retrofitting entire facility of a building with LED retrofit light has been performed, which in turn reduced the buildings overall energy consumption.

New Business:

- The main issue in energy consumption of UCF buildings are overcurrent plug loads due to personal electronics in offices/research labs that extraneously consume energy.
- To understand energy consumption in research labs, we must understand what the user can control, look into advanced metering credit of research labs to increase granularity of data in research labs, and learn how other college research labs are being sub-metered.
- Possible Solutions to the excess energy consumption by plug loads:
 - Green Office Competition
 - This competition will incentivize employees to maintain the most sustainable office and offer prizes, such as bio toner for printers, as an incentive
 - Develop a program that matches UCF students with a UCF building to monitor level of excess plug usage and overall sustainability of the building. The student will serve as a sustainability ambassador for a specific building.
 - This program is proposed as a “Ticketing” type system that allows students to ticket or tag personal electronic items that increase building energy consumption and are a source of extraneous plug loads. A possible barrier could arise from students needing access to locked offices.
 - Additionally, the position could be either paid or unpaid. A scholarship as a method of payment was proposed.
 - Marketability of sustainability at UCF was discussed.
 - To reach a larger audience, marketing could focus on affiliating sustainability initiatives with ElectroKnightro as a UCF mascot.
 - To advertise energy sustainability on campus, energy-saving logos can be enhanced or modified to be placed on pamphlets.
 - To increase awareness of excessive energy consumption, display infrared pictures of employees in their offices for employees and students to view.

Action Items:

- Check the policy for research labs to understand how budget is rationed regarding lab’s energy consumption.
- Curt will investigate policy on plug load.
- Tran will gather updates on survey results regarding plug loads.

Next Meeting: December 13th, 2017, 3:00 PM