

*Attendees: Clair Knox; David Norvell; Debra Reinhart; Jim Fenton; Omer Tatari; Peter Jacques; Tran Huynh; Yara Watson*

## **Approval of Minutes**

### **Updates:**

New Employee Orientation sustainability tour has successfully resumed w/ positive feedback

- New online tour request form for organizations or classes:  
<http://sustainable.ucf.edu/tour>

### **SWAT:**

- Trevor Colbourn Hall will be the next trial run for reclaimed water in the restrooms
- One of our chilled water towers will be fitted to utilize reclaimed water in lieu of potable water; if the trial goes well, converting all the towers could potentially decrease our water consumption by half
- An RFP was opened for 40-50 acre a solar PV development on the southeast corner of campus
  - 10-12 MW
  - Greenfield site; gopher tortoises will need to be relocated
  - Site is situated close to transmission lines
  - State regulations permit 2MW of generation per meter, putting us close to our limit (we have 6 meters)
- Downtown tri-generation/ micro-grid plant was awarded
  - It has a strong educational component
- Campus exterior lighting initiative
  - Replacing high pressure sodium with LEDs
  - Libra Drive completed

### **SSAC**

- Charter is being updated to better reflect expectations of finished products and collaboration
- Each subcommittee (6) is working on a proposal for their respective areas. The top 3 will be given an opportunity to present their proposals to the community. Date TBA

Climate Action Planning is on hold while STARS is ongoing

### **STARS**

- Leveraging Collective Impact momentum to encourage participation in data collection
- Academics and Research scores were low
  - Data collection methods will improve in the future to be more encompassing

### **New Business:**

Reinhart currently working on an NSF project on the food/water/energy nexus

#### Annual Kill-A-Watt competition

- Will run Feb 1<sup>st</sup> through March 31<sup>st</sup>
- One \$500 scholarship will be awarded to winners in each of the 10 on-campus housing communities
- Buildings not metered by UES will need to submit bills to be eligible (Northview and several in Greek Park)

#### Student Sustainability Coalition

- New effort for better transparency between Sustainability Initiatives, sustainability RSOs (12) and student body
- Meeting occurs every first Thursday at 4pm in the Student Union
- Meetings include announcements, workshops, guest speakers, and a joint project

#### Capstone Course Partnership (IDS 4932)

- Sustainability Initiatives and Recycling are acting as clients for student sustainability projects that will occur in phases throughout multiple semesters
  - Phase one will mainly consist of surveying and case study research
  - Projects pertain to: an interpretive trail, recycling, a food audit, shuttle ridership, and solar PV covered bike racks

### **Discussion**

#### Solar PV RFP

- Cost of installing on the ground/on buildings: \$1.20 vs. \$2 per watt
- Could possibly work with Biology for restoration
- Site was previously slated for a 9-hole golf course and can be converted to another use after the installations life
- Not cost effective to build solar PV on surface lots because Master Planning policy dictates that new buildings be placed on surface lots
- Flat PV installations generally experience a 7% loss; a cost benefit analysis must be done to compare flat vs. tilted
- How does perception come into play? Do the carbon emissions saved by the switch from coal powered to renewable powered exceed the sequestration lost by clearing the land?
  - Must be proactive in telling the story, create a positive narrative
  - Will it be one of the largest installations on university campus in the country?

#### STARS

- Academic
  - Course and research inventories seem too low
    - Possible future collection methods could include having department heads collect the data; add on to existing surveys; collect CVs

- Course inventory was created using the course annual UCF Courses and Descriptions documents; courses were first filtered using key search terms, then manual sorted by ability to meet STARS sustainability criteria
- Research inventory was done using a data export (using Cube to set search parameters that included funding status, sustainability key terms, and active date) for ORC; the export for manual sorted by ability to meet STARS sustainability criteria
  - Often, research only incorporated one dimension of sustainability or failed to be in line with current major sustainability themes
  - FSEC and unfunded research were not included

#### LEED V3.1 ID Credit 3

- LEED credit concerning integrating sustainable features of our facilities with the University's educational mission
- Suggestion to bring this credit to the Buildings & Land SWAT

**Next Meeting: April, date TBD**