**Energy iCAP Team Meeting**

Friday, October 2nd, 2020

8:30 am via Zoom

*Members in attendance: Bill Rose (Co-Chair), Andy Stumpf (Co-Chair), Paul Foote (Staff), Sushanth Girini (Staff), Tim Mies (Staff), Marcela Vega Munoz (Staff), Brinn McDowell (Student), Peter Davis (Student), Matthew Gold (Student), Meghna Vijayan (Student), Kimmy Chuang (Clerk)*

Agenda

1. Introductions
   * We have a lot of new people. Please tell us about yourself and any focus areas of interest for the coming year
2. Discuss Energy objectives
3. Start developing goals for the team this year
   * Fill out Google Form to rank priorities after the meeting

Meeting

Introductions

* Co-Chairs Bill and Andy introduced their work and interests on the team.
* Staff members explained what they do in their roles and current positions.
* Students discussed their majors, why they joined the Energy iCAP Team, and what they would like to see in the coming year.

Discussion

* Bill asked what students were most concerned about and what they would be interested in exploring.
* Peter Davis was interested in the impact of COVID-19 on energy use on campus. F&S has published a report of which buildings has the highest EUIs, and the report revealed that more than 65% of buildings decreased energy use after students left campus.
* Energy commissioning files that make sure buildings are complying with state energy laws are missing for many new University buildings. This year, we hope to continue retro commissioning and to address building envelopes.
  + Paul gave an update that the retro commissioning committee at F&S is looking at changing Turner Hall to make it more energy efficient.
* Objective #1 for our committee is to develop an Energy Master Plan: an engineering document to discuss how to get to burning no fossil fuels
  + Students are encouraged to think of projects that can turn into proposals for SSC (Student Sustainability Committee)
  + As a team, we need the university to understand the physical costs associated with actually meeting the iCAP goals.
    - We can suggest ways to help lower peak load
    - Difficult to get enough data right now to understand what the base load really is
* Tim suggests looking at how the University is going to adapt post-COVID
  + Building usage should be monitored and unused buildings should be closed to prevent further space growth
  + Each College should be responsible for how much space their buildings occupy
  + Will energy use change as the commuter population increases is a question our committee and the Transportation team could consider together
* Meghna asked if demand prediction methods have changed at all due to COVID
  + Sushanth explained that we do have meter measuring for each building

Action Items

* All members should put ideas on how to address each objective in iCAP Assessment slides. Any ideas not compatible with objectives should also be submitted through a Google Form that Kimmy will send out.
* Bill, Andy, and Kimmy will fill in gaps in the iCAP Assessment
* Kimmy will share information on proposal for nuclear micro-reactors
* Paul will share free registration code for International Institute for Sustainable Labs Conference.