iCAP Energy Team

February Meeting Agenda

Wednesday, February 23rd ; 9:00 A.M. – 10:00 A.M.

*Zoom*

* Introduction
  + **Attendees**
    - **Bill**
    - **Tyler**
    - **Matthew**
    - **Andrew**
    - **Damon**
    - **Shannon**
    - **Brad Frantz**
    - **Timothy Mies**
    - **Paul Foote**
* Review of Meeting Objectives
  + CO2 District Heating and Cooling Update
    - Team meeting weekly and has submitted a project proposal, feedback is coming from Damon, Andy, and TA. They are making an adjustment to focus on the college of engineering
    - Final proposal will be coming soon that the team can see
  + Requisition of current energy and square footage data
  + Ideas for increasing EV deployment on campus
  + Energy webinars worth attending
* CO2 District Heating and Cooling Update – Damon
* Requisition of current energy and square footage data – Bill
  + Make a request to F&S for a spreadsheet of building data that includes all building square footage and energy use data beginning in FY19. Including:
    - Buildings added and demolished and their square footage
    - Changes in square footage to existing buildings
    - Energy consumption with breakdowns by steam, gas, and electrical.
    - Mention of factors affecting energy consumption would also be helpful
  + NOTES
    - Information on energy use on campus is very scattered
    - This committee should have better information available to it in order to better target our recommendations.
    - We should make a request for data from F&S. This will not be particularly burdensome, data would be 391 buildings in the university district to examine energy usage and square footage.
    - Paul notes that an energy consumption list is published each August from F&S
    - Paul recommends Tony Spurlock and Chad Cooper-Smith
    - We will draft a formal request document
  + Action items
    - Write a recommendation on construction compliance (Maybe)
      * We have written previous recommendations on energy code compliance, sharing this information may be helpful
      * Should we focus instead on recommendations for net-positive buildings or other smart design principles.
    - Team members will think of recommendation ideas based on the conversation.
* Ideas for increasing EV deployment on campus – Tyler
  + Potential for cooperation between Energy and Transportation teams.
  + Transportation team is working on contacting vehicle fleet owners to develop fleet replacement plans, but the acquisition of electric vehicles is hampered by cost and lifespan.
  + Is there a way the University can lower the cost to make electric vehicle use more prevalent, does the energy team have a role here?
* Energy webinars worth attending
  + *Trap Management: An Essential Component to Your Decarbonization Goals*
    - Thursday, March 3rd at 1:00 CST
    - Webinar on improving steam trap management
    - Will forward registration link.
  + *Energy Efficiency and Conservation Solutions to Overcoming Challenges*
    - Thursday, March 3rd at 1:00 CST
    - Webinar on increasing Energy Efficiency and Conservation
    - Will forward registration link.