SWATeam Meeting

Location: NSRC Room 358

Date: September 23rd, 2016

Members Present: Rabin Bhattarai, Arthur Schmidt, Keith Erickson, Nandakishore Rajapolan, Francisco Sobral, Carley Meeks

Minutes:

* Introductions for new members
* Elect a new chair for the team
  + Arthur Schmidt
* Poster preparation
  + 6 objections and progress for each one
  + completed, in progress, or not completes
  + Instructions from Morgan Johnston
    - “asking for a summary poster to be prepared by each team. To that end, iSEE has prepared a poster template with instructions and a sample (fictional status updates for ALUFS). There are two templates attached here, because some teams have 4 objectives and others have 6. Please include your team’s assessment of the status, not just the yes/no/numbers evaluation.”

Poster Instructions:

**Overall –**

Provide a graph/table/chart of the overall status of your SWATeam’s subject. What’s the big sum-it-up point your team would make if they had only one slide?

**For each iCAP objective**

🡪 Current status (pick one):

* Yes – objective accomplished
* No – objective not started
* In progress/ Almost – we are very close to the benchmark, or an effort (like a study) was started, but not yet complete.

May offer one sentence clarification.

🡪 3 Bullet points (one normal-length sentence each):

* If Status is “Yes”
  + Give a metric (GHG levels, water use, etc — may be a graph with latest levels)
  + Give a reason for metric – what actions created that result?
  + What’s the next milestone or next step to take?
* If Status is “No”:
  + Give more info on where we are. Not started at all? Talks begun, but no action? Still in planning phase, etc.
  + What challenges are present?
  + What are the next steps?
* If Status is “Almost”:
  + How close are we?
  + What’s been done so far, what’s left to go?
  + What are the final steps?
  + When is a “Yes” expected?

Discussion:

* Regional Office Building
  + Cooling towers
  + Typically cooling towers operate at less than 3 on campus
  + This cooling tower is now operation at 75
  + State building
  + Proof that concepts work
  + Need to readdress cooling tower project on campus
* Design Center
  + Treat water to almost the same standards as potable water
  + Green plumbing code
  + Concerns about aerosolized disease causing pathogens in water
  + Need water treatment

Review of Objectives

1. Obtain and publicize more granular water use data by FY16, including water quantity and quality data where available.
   * In progress
   * Water quality report
2. Improve the water efficiency of cooling towers by limiting the amount discharged to sewer to less than 20% of water intake for chiller plant towers, and less than 33% for stand-alone building towers, by FY20.
   * Complete
3. Perform a water audit to establish water conservation targets and determine upper limits for water demand by end-use, for incorporation into facilities standards by FY16.
   * Not complete
4. Inventory and benchmark campus’ existing landscape performance by FY17.
   * In progress
5. Through an open solicitation process, implement at least 4 pilot projects to showcase the potential of water and/or stormwater reuse by FY20, with the objective of implementing a broader program by FY25.
   * Not complete
6. Investigate the water quality impacts of stormwater runoff and potential ways to reduce stormwater pollutant discharges by FY18.
   * Not complete