**Energy SWATeam Meeting Minutes**

**Date:** January 27, 2020

**Location:** 2218 Newmark Civil Engineering Laboratory

**Attendees:** Bill Rose, Andrew Stumpf, Jayce Carlson, David Rivera Kohr, Mike Reiter, Tim Mies, Mike Larson, Sowmiya Raju

**Could not attend:** David Boehm, Meredith Moore, Morgan White, Ximing Cai, Tugce Baser, Yun Kyu Yi,

1. iWG Letter
   1. Financial and funding aspect of SWATeam responsibilities: We could possibly provide suggestions for where the funds could come from for certain projects; Suggestions for revolving fund sources rather than capital for projects with savings potential
   2. Include sentence: “We also believe that requests for presentation on the committee’s works should be made through the iWG.”
2. Subcommittee Assignments
   1. Assignments based on draft 2020 iCAP objectives
   2. Recommendation in by the end of March
   3. Progress reports in monthly meetings
   4. Subcommittee 1 - Master Plan (Mike Reiter):
      1. Energy Management Plan will likely not interfere with the proposed Energy Master Plan. Contact Kent Reifsteck.
      2. Begin by taking a look at the Utilities Production and Distribution Master Plan that presumes no conservation; UPDMP has well thought out scenarios for energy production and distribution. Actual increase in fossil fuel use is 5% higher than the worst case scenario(15%) described in the UPDMP.
   5. Subcommittee 2 - Micro Modular Nuclear Reactor (Mike Larson):
      1. In progress
   6. Subcommittee 3 - Underground Thermal Batteries (Andrew Stumpf):
      1. Plan is for the trial to begin in march 2020. Installation has not taken place yet.
   7. Subcommittee 5 - Building Envelope (Bill Rose and David Boehm)
      1. Meet with Facilities and Services, Morgan White
      2. For existing buildings only (separate subcommittee for new buildings)
   8. Subcommittee 7 - Campus Square Footage (Bill Rose and Andrew Stumpf)
      1. Currently, the university uses a “space bank” to measure limit to campus growth
   9. Other subcommittees:
      1. Subcommittee 4 - Retrocommissioning (Karl Helmink)
      2. Subcommittee 6 - Building Codes (Yun Yi)
      3. Subcommittee 8 - Renewables (David Rivera Kohr, Tim Mies, Tugce Baser)