**eGen SWATeam Meeting 03**

October 25th, 2018

8am-9am

NSRC 376

**Attendees:** Yu-Feng Lin (chair), Andrew Stumpf, Tim Mies, Taylor Holin (clerk)

1. Approval of last meeting’s minutes
2. Discussion of Poster and Campus Sustainability Celebration
   1. October 25th, 2018 in the Illini Union room 314 from 4pm-6pm
3. Discussion on new students coming onto team
   1. Two prospective students
   2. Goal: both will be in attendance by next meeting
4. New Geothermal Project discussion (Yu-Feng Lin and Andrew Stumpf)
   1. Energy Piles
   2. First one on campus
   3. New and different way to use geothermal energy
   4. Has attained SSC funding
   5. Potential to incorporate this project in with this eGen SWATeam
5. Solar Farm, Gable House discussion
   1. Moving into the second stage to get funding from SSC
   2. Geothermal Energy Piles as potential energy source for this project
      1. Further discussion needed on this idea
      2. Potentially bringing Civil Engineering into project as well?
6. Discussed reaching out to ECBS SWATeam about potential collaboration
7. Groundwater and Geothermal Resources Summit (November 2nd - Yu-Feng Lin)
   1. Finalized, now the focus is on getting information distributed
8. Discussed new iCAP
   1. Waiting for further instruction to start updates
9. Discussed Geothermal (DDU) Research Team
   1. November 28th-29th visiting Cornell to look at their geothermal practices
   2. Taking that knowledge to UIUC, sharing what we know with them
10. Discussed College of Engineering Proposal
    1. An Engineering Design Center is being built and they want to utilize geothermal energy piles or geothermal exchange for building
    2. Construction starting in April, next to Engineering Library (Springfield and Wright)
    3. Public Private Partnership (P3) Project
    4. Long term goal: build geothermal system underneath adjacent green space to help out new and surrounding buildings
11. Overview of 4 new Geothermal Projects:
    1. Energy Piles
    2. Geothermal exchange in greenhouse
    3. Geothermal DDU
    4. Solar House
12. ECE Rooftop Solar Installation
    1. This semester: finishing/preparing roof
    2. Next semester: solar panel installation
13. Setting next meeting time
    1. November 8th from 8am-9am
14. Adjournment