SWATeam Meeting Notes 4/15/2016

7 Things on the Agenda Today

* 1. Recommendation that the campus should electrify
  + Working group wants more information, so Scott assembled a team with experience (and more time) to help out
  + Would like to choose company for study based on their qualifications
  + Want report to be creative, yet focus on some priorities
  + Study needs a cost analysis
    - Should study be done internally using university expertise?
      * Might not be regarded as being as legitimate
      * Professional services companies normally do these studies
      * A motivated grad student could do a smaller study
* 2. Recommended long-Term Contracts
  + Would likely require change in legislation
* 3. Wind Power Brokerage
* 4. Solar on Campus
  + Hard to find land, as everything on campus is owned by someone
  + Many rooftops could be solar ready
  + Feasibility study for rooftop solar?
  + Could recommend a specific building to put solar on (something with a flat roof)
  + New dormitory will have rooftop solar
* 5. Meeting at ISTC 🡪 Carbon Capture + Sequestration
  + Can CO2 be put to a useful purpose?
* 6. Design Center
  + New Building on campus near Huff Hall
    - No plans for any sustainable parts of building
      * ECE building had a heat recovery chiller that was determined to be cost efficient
      * Design center is using less sustainable natural gas
    - Anonymous donor may or may not be interested in sustainability
* 7. Biomass
  + Co-Firing of biomass with wood
  + Couldn’t really notice it was there
  + Need air permit to get permission to burn anything other than coal
  + Biomass most suitable for liquid fuel
  + Biomass from rice used in China, but labor costs there are lower