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