11/13/2015

* Why we generate steam and electricity on campus?
	+ Compared to purchasing electricity and having building specific heating
		- Able to achieve lower operating and maintenance costs
		- Allows for better reliability
		- Can-cogenerate electricity w/ steam for a lower price
			* Downside: cost to expand system is high
* Renewable Energy Options for Campus
	+ Solar
		- Tax credit of 30% until end of 2016
			* Drops to 10% after 2016
		- Could a new farm be built?
			* Planning process at university level can take a long time
			* Might be faster to modify existing contract if possible
			* New/expanded farm would need to tie into distribution system easily
			* Would have to relocate research fields for the land
	+ Biomass
		- Anaerobic digestion
			* Study done by campus waste
		- Corn Stover
			* Possible in theory to remove portion of stover from fields w/o reducing productivity of crop
				+ Has benefits for pest/disease control
			* Burning stover leads to heavy buildup from combustion
			* Corrosive to boilers
	+ Nuclear PPA
		- Could help keep Clinton power plant alive
		- Campus energy consumption is small compared to plant size
		- Might have to buy electricity at above-market rate