Meeting Notes for 3/03/2016

Topic Today: Purchasing Wind Energy

* Different prices when referring to wind energy
  + Wind Power price
    - Cost specified in the PPA
  + Generation Price
    - Cost to generate electricity on campus
  + Day Ahead Price
  + Real time Price
    - Price on real-time market
* Calculating the cost of electricity
  + Summer
    - Wind power price - Day ahead price
  + Winter
    - Wind Power price – Day ahead price + Generation price – Real time price
* Thoughts
  + Solar PPA better matches energy profile
    - Up to 72 MW needed
    - SW USA would be a good place for a solar farm
    - Potential costs to transporting it this long
      * Costs money to transport electricity to campus
  + Virtual PPA
    - Guarantees a certain price for wind
    - How does distance matter in this scenario?