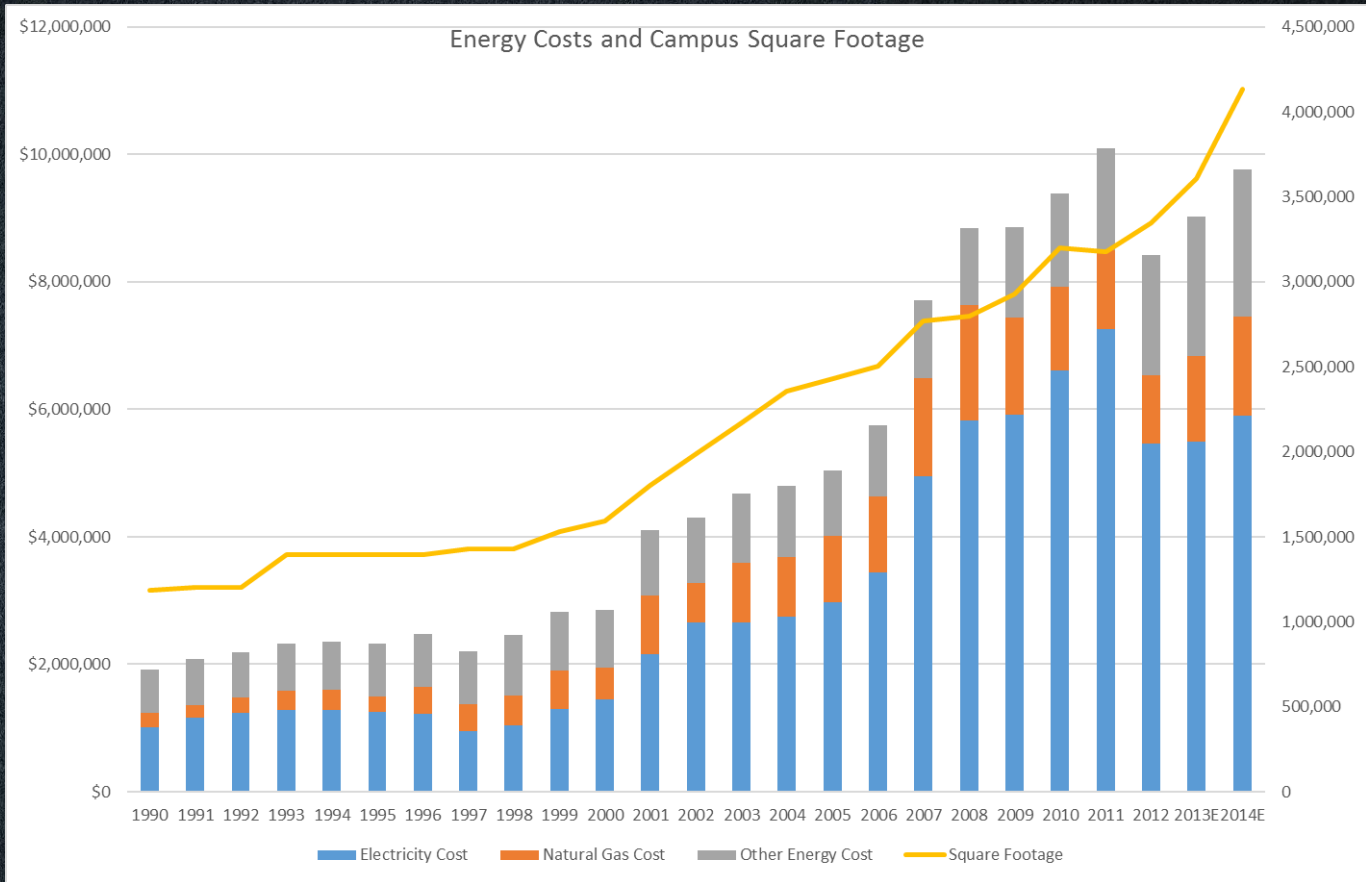




# Managing Energy and Expectations





# Motivations

- How many student tuitions does it take to pay the utility bill?
- Fall of 2016
  - 27,000 students
  - Over 4,000,000 square feet of space
  - \$10,000,000 utility bill

# Aggressive Efforts

- Energy efficiency in new construction
- Lighting conversions to LED
  - Saves energy, but really saves electrician time
  - Fewer disruptions to classrooms
- Programming BAS for efficiency
- Low energy pricing through competitive bidding

# Do those efforts pay off?

- Yes?
  - But not necessarily in energy savings.
  - Really see the impact with maintenance time and efforts.

# The Horizon

- Training staff to use new tools in energy management
- Constant Volume Air buildings
  - Intrusive and expensive to upgrade
  - Bigger impact to operations than to energy
- Energy setbacks during non-class session
  - “The Easy Button”



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