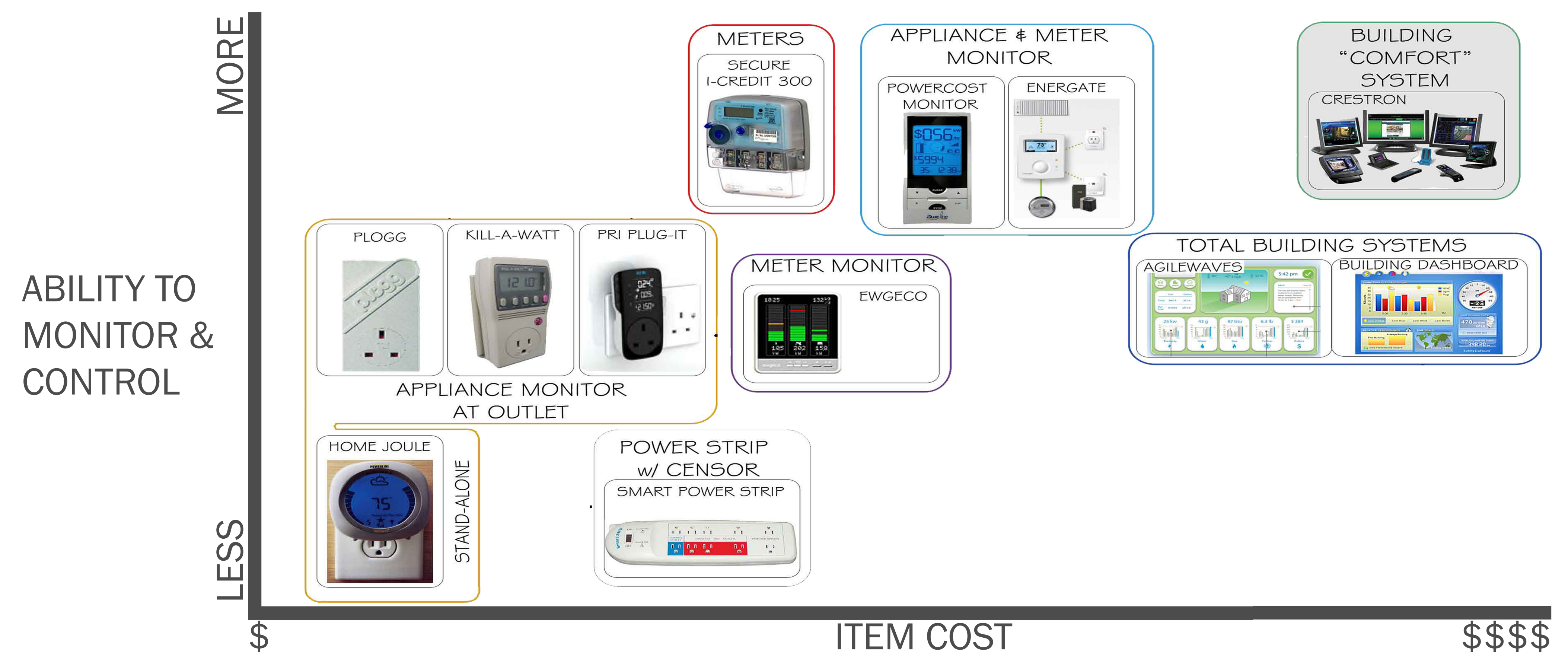


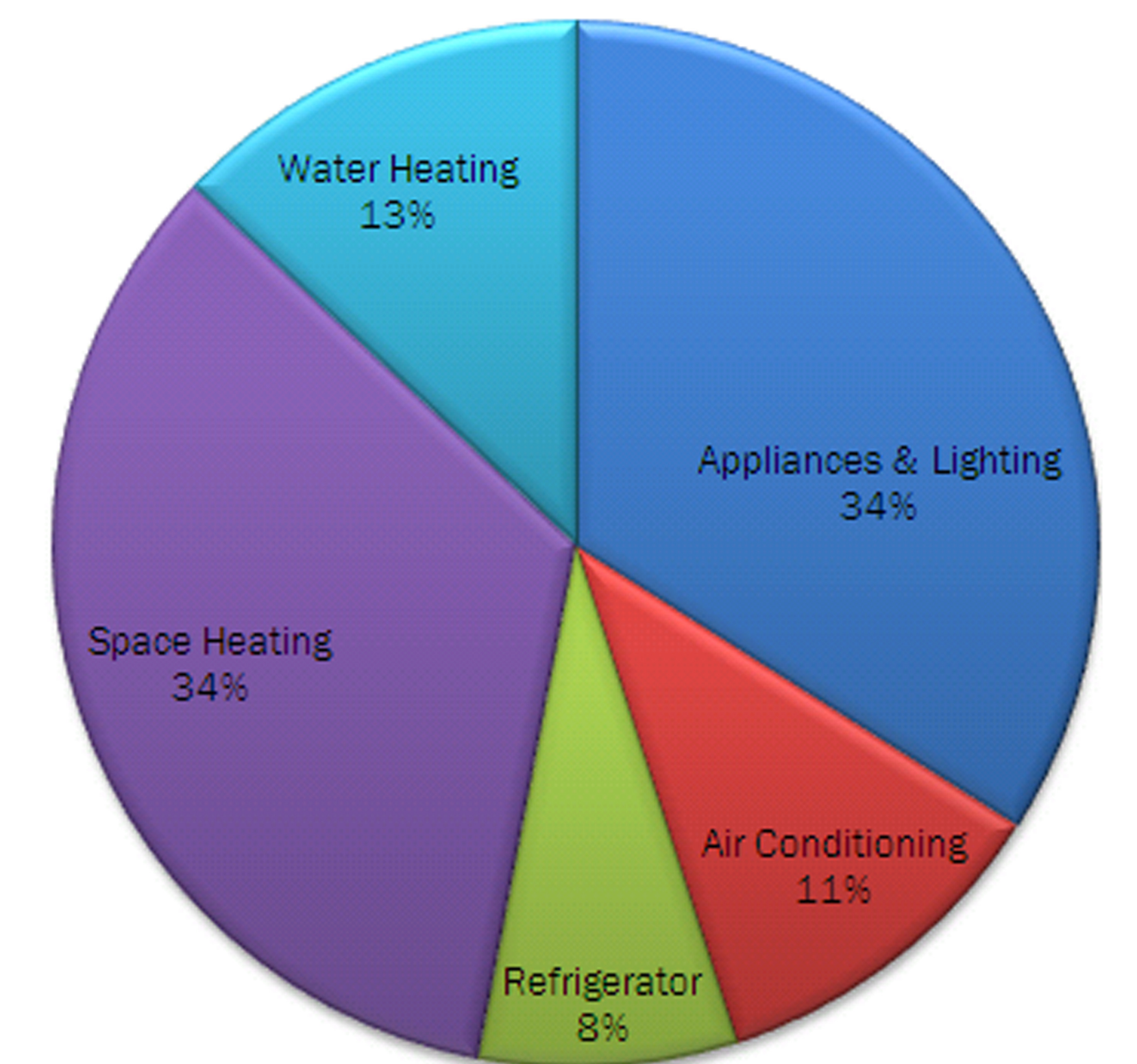
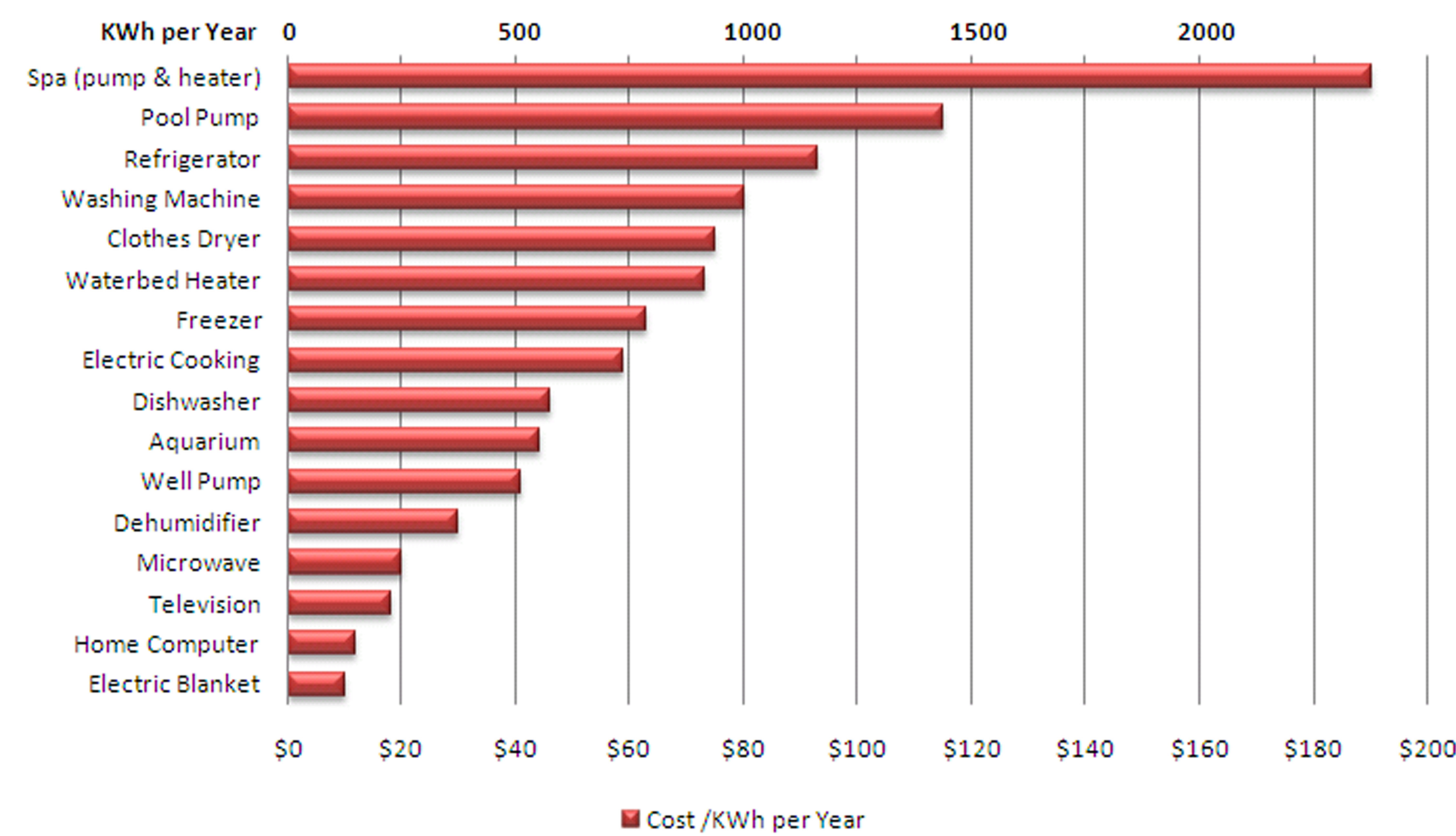
PROBLEM:

- ENERGY PRODUCERS SELL THEIR PRODUCT AT A MARKET VALUE THAT CHANGES PRICE IN REAL TIME BUT CONSUMERS HAVE NOT GENERALLY ADOPTED THE MEANS TO CAPITALIZE ON THIS ASPECT.

EXISTING HARDWARE:



- RESIDENTIAL USE OF POWER SPIKES AT SPECIFIC TIMES IN PARTICULAR SEASONS RESULTING IN A STRAIN ON THE UTILITY CARRIER.



- TO PREVENT POWER SHORTAGES UTILITY INFRASTRUCTURE BUILDS UP IN RESPONSE TO HANDLE PEAK DEMANDS IN USAGE RESULTING IN HIGHER ENERGY BILLS.

