

# GREEN APPLE PROJECT

Cleveland Heights—University Heights Schools

## Sustainable Practices News



November 2017

### VACATION SHUT DOWN

Thanksgiving & winter break are coming soon! Please help reduce unnecessary energy use:

#### TURN OFF:

- \* Computers
- \* Monitors
- \* Speakers
- \* Smartboards

#### UNPLUG:

- \* Laptops
- \* Microwaves
- \* TV/DVD/CDs
- \* Chargers
- \* Coffee pots
- \* Portable heaters and fans

Make sure all windows are closed.

\*\*\* Try these things at home and see your energy bills go down! \*\*\*

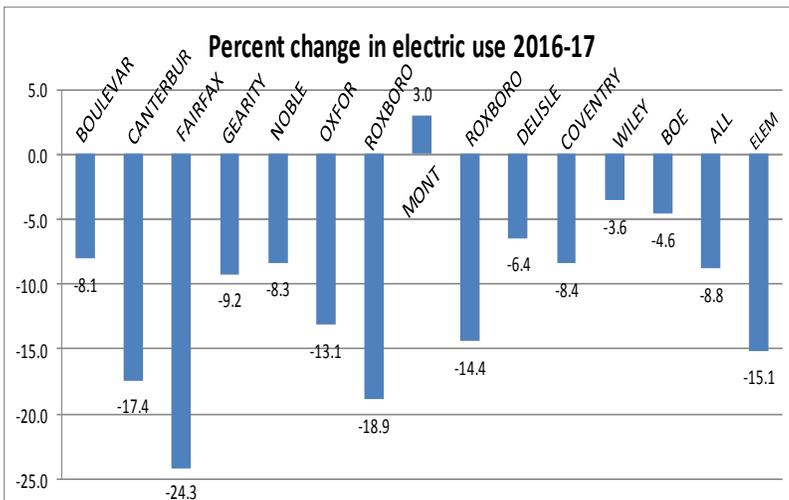
### HOW ARE WE DOING?

Our district reduced electric energy consumption by 8.8% for the year, September 2016 - August 2017. Elementary schools had the biggest change, with a combined reduction of 15%.

What accounts for differences from building to building?

- *Staff awareness.* As staff becomes aware of energy waste, they are taking the initiative to reduce use when they can.
- *Building use*—some are used more in the evenings & during the summer.
- *Previous practices by staff*—some buildings had more opportunity for reduction than others.
- *Building and equipment age*—our buildings were built from the 1920's to the 1970's, and now 2017!

Calculations of savings take into account weather and major changes in building operations are taken into account, such as the addition and removal of pods at Wiley, or the moving of Career Tech facilities between buildings.



### VAMPIRE ENERGY

Energy that is 'sucked' out of the socket even when devices are not in use is called Vampire or Phantom Energy.

Any device with a transformer, clock or other LED display will continue to draw energy. This includes computers, TVs, DVDs, chargers, microwaves, and much more.



The 732,831 kWh's saved in the first year are equivalent to:



Other benefits include:

- fewer light bulbs will need to be purchased, further reducing our costs. and reducing the environmental impact of manufacturing & shipping.
- custodians will save time with fewer bulbs to replace.
- Other equipment will last longer with reduced use.

### Greenhouse gas emissions from



### CO<sub>2</sub> emissions from



### REDUCE YOUR WASTE

- ⇒ Make double sided copies
- ⇒ Change your margins by 0.1 to decrease number of pages
- ⇒ Proof carefully before printing
- ⇒ Recycle
- ⇒ Refill your water bottles
- ⇒ Bring a reusable mug/cup

Questions or comments? Contact Ditte Wolin, Energy Coach, a\_wolin@chuh.org 320-2346