

WATT'S UP?!!!

February 2011

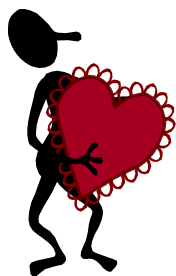
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- Recently, President Obama spoke at Penn State University...his remarks called for a **20% energy reduction in commercial buildings over the next decade**...since 2007, CASD has already been meeting Obama's Better Buildings Initiative by reducing our energy consumption (elec/gas/oil) currently at a 25.21% savings and 20.8% energy reduction for 41 months. Our electric usage alone is at a 27.7% usage reduction and 29.4% savings. If interested, view his remarks here:
<http://www.youtube.com/watch?v=DIJND1aMWoo>
- Are you in an area where your electric has just gone through deregulation? You may shop for a portion of your power. Electric power distribution is broken down into three parts:
generation – transmission – distribution.
(See graphic @ http://en.wikipedia.org/wiki/Electric_power_distribution)
Depending on where you live in Franklin County or other neighboring counties, you may be able to shop for a better rate for the generation or supply portion of your bill. A good site to check out for a better understanding of this opportunity is:
<http://www.papowerswitch.com/>
******* If you live in the Borough of Chambersburg, you are "... part of a municipal utility that is a non-profit pool owned by its customers, so you cannot opt out of the pool and shop for the generation/supply of your electric."*******
- Reminder about those energy "vampires" lurking throughout the district and in homes:
<http://finance.yahoo.com/family-home/article/112010/surprising-home-energy-hogs>
Read the article and click on the full list of surprising home energy hogs!
- HELP WITH COMPUTERS AROUND THE DISTRICT...***if you do not need to remotely access your computer from home*, you may shut down your computer **each day and for weekends!** There are many office areas where staff leaves their computer on...again, unless you need to remotely access your computer, start shutting it down when you leave...I still come across computers on that do not need to be. Also...classroom staff may shut down computers ahead of the network shutdown if you are done and leaving for the day...could have it off several hours before the network gets to it.
- SMART BOARD USERS AROUND THE DISTRICT:** *If the Smart Board has a green light lit on the side* at night/weekends, then the laptop or computer it is connected to is logged off, but not shut down, **still drawing power.** Best practice is to **SHUT DOWN the computer so there is no power draw.** There should then be a **red light on the side of the board.** (Confirmed this with Tech. Dept.)
- Have you begun to track your own energy use/bills at home? Try the free GreenQuest program on our District web page...set up an account today at:
<http://www.mygreenquest.com/casdpa/>
- Frederick County, MD, is offering a Green Homes Challenge to its residents. Check out [page 11](#) of this handbook about some Frederick County **homeowners who have saved 32% over 3 years on their electric bill/usage**...saving almost 10,000 kwh per year:
http://www.frederickcountymd.gov/documents/County%20Manager/Sustainability/Green%20Homes%20Challenge/oes_pshandbook_all.PDF

WITH THE ELECTRIC BILLS THAT ARE IN, FROM SEPTEMBER 2007 THRU JANUARY 2011, THE CASD HAS AMASSED A **29.43% SAVINGS IN ELECTRIC OR \$1,348,231.** OUR **ELECTRIC USAGE SAVINGS IS 27.7%.** ELECTRIC/GAS/OIL SAVINGS PRESENTLY SITS AT 25.2% OR OVER \$1,624,728...with more bills to come for January.

THIS EQUATES TO AN ENERGY REDUCTION IMPACT OF 64,099 MMBTU'S OR 9,919 EQUIVALENT METRIC TONS OF CO2. THIS COMPARES TO: 1,780 PASSENGER CARS NOT DRIVEN FOR ONE YEAR OR 253,710 TREE SEEDLINGS PLANTED/GROWN FOR 10 YEARS!



**THANKS FOR HAVING A HEART AND DOING YOUR PART AROUND THE CASD!
SAVING ENERGY, MONEY, AND THE ENVIRONMENT SINCE 2007!**