



# Loudoun County Public Schools EPA ENERGY STAR Partner Meeting Thursday, October 11, 2012



## LCPS ENERGY & ENVIRONMENT TEAM

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# Keys to Creating Energy Conscious Communities

- Clearly define Conservation & Energy Efficiency
- Energy is like oxygen and gravity
- People use Energy , Not Buildings
- Relate The Savings to Core Mission

# Energy Efficiency



# Energy Conservation

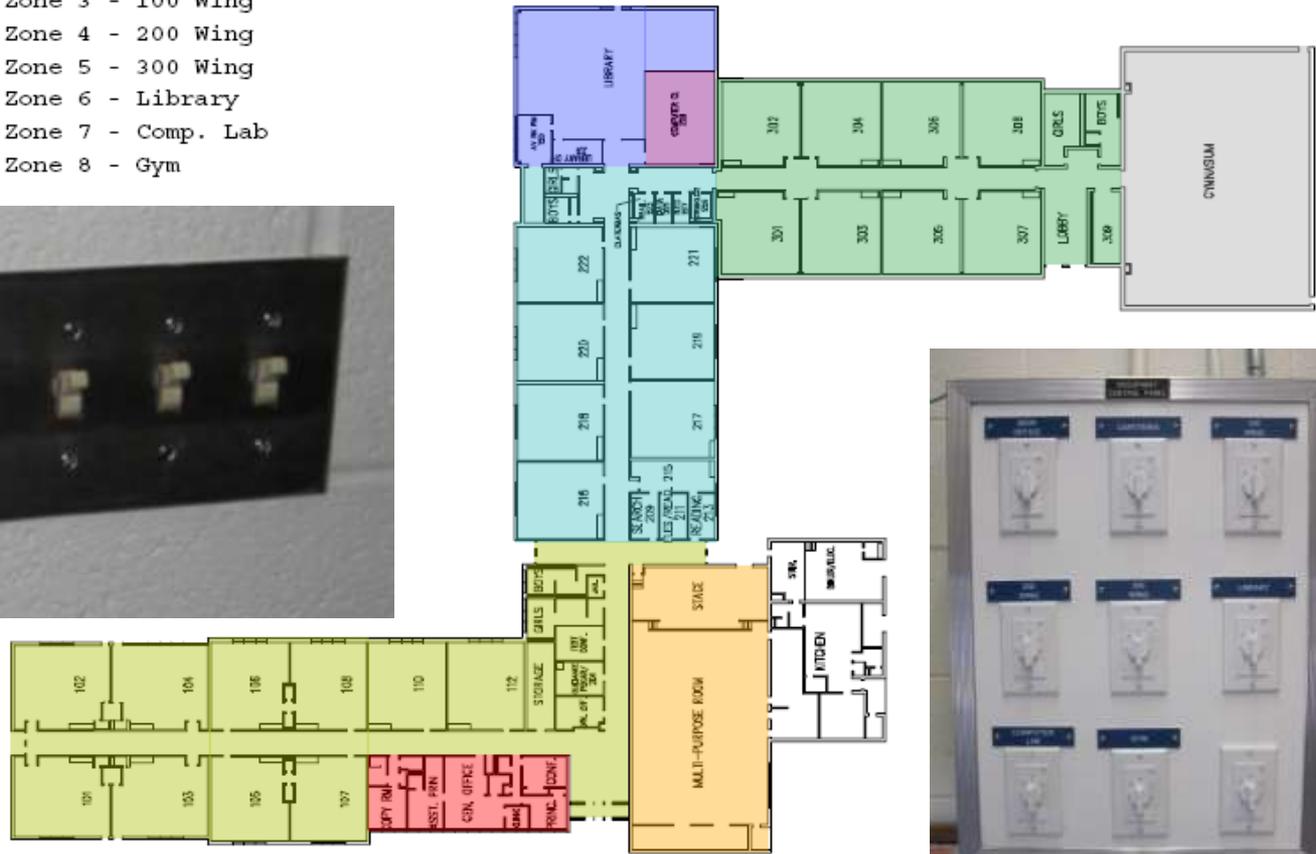


**Energy is like oxygen and gravity**



# People use Energy , Not Buildings

- Zone 1 - Admin.
- Zone 2 - Cafe.
- Zone 3 - 100 Wing
- Zone 4 - 200 Wing
- Zone 5 - 300 Wing
- Zone 6 - Library
- Zone 7 - Comp. Lab
- Zone 8 - Gym



EMERICK ES - BUILDING AUTOMATION - HVAC ZONES

# Relate the savings to core mission



Why is this important to the Citizens of Loudoun County?

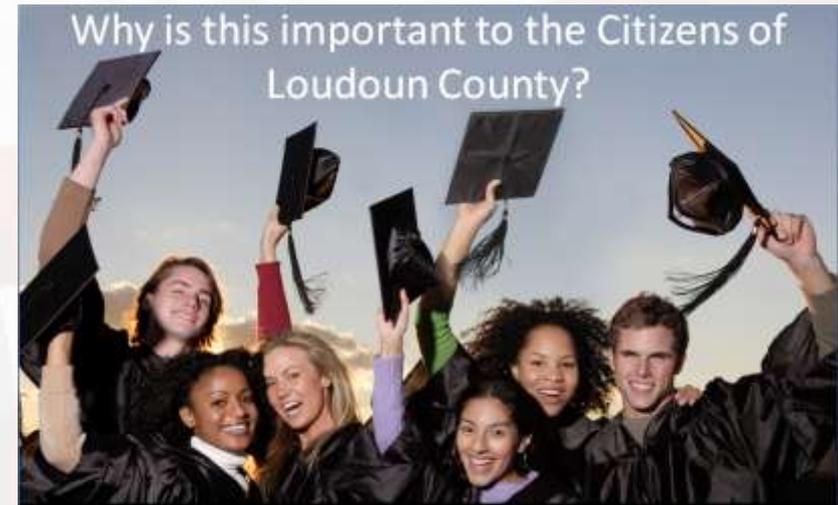
\$35 million would allow LCPS to hire 585 teachers for 1 year based on the FY2010 average salary of \$59,734.

Why is this important to the Citizens of Loudoun County?



- The \$35 million is enough to cover all the costs of building J. Michael Lunsford Middle School.
- It does not cover the entire turn-key project costs, but it does cover the "sticks and bricks."

Why is this important to the Citizens of Loudoun County?



\$35 million would allow LCPS to teach 2917 students for 1 year based on the FY2010 cost per pupil of \$11,997.